



epSOS

Summary of DECOR information

Implementation Guideline

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1 Project Information

1.1 Project

2 epSOS in ART-DECOR

This representation of epSOS does not replace the normative specification found at <http://www.epsos.eu>, but is intended as the basis for future developments based on the epSOS specifications.

2.1 About epSOS

epSOS aims to design, build and evaluate a service infrastructure that demonstrates cross-border interoperability between electronic health record systems in Europe.

2.1.1 Cross-border eHealth Services

epSOS attempts to offer seamless healthcare to European citizens. Key goals are to improve the quality and safety of healthcare for citizens when travelling to another European country. Moreover, it concentrates on developing a practical eHealth framework and ICT infrastructure that enables secure access to patient health information among different European healthcare systems. epSOS can make a significant contribution to patient safety by reducing the frequency of medical errors and by providing quick access to documentation. In emergency situations, this documentation provides the medical personnel with life-saving information and reduces the (sometimes needless) repetition of diagnostic procedures. The technical, legal and organizational concepts developed within the framework of the project are subject to an extensive practical testing phase over a period of one year. epSOS will test cross-border eHealth services in the following areas: In a first phase:

- Patient Summary: access to important medical data for patient treatment
- Cross-border use of electronic prescriptions ("ePrescription" - or "eMedication" systems)


2.2 Notes for reading this specification:

- The normative master for terminology (including value sets) the epSOS Master Valueset Service (MVS). Any specific examples of terminology, mostly in the template definitions, should be regarded as informative.
- This specification uses flavors for HL7 V3 datatypes where applicable:
 - AD.EPSOS - checks if there is at least one element if not null
 - CD.EPSOS - allows nested translations, and requires @displayName if @code is used
 - CE.EPSOS / CO.EPSOS / CV.EPSOS - see CD.EPSOS
 - II.EPSOS - OID SHALL be <= 64 characters
 - IVL_TS.EPSOS.TZ / TS.EPSOS.TZ - SHALL be precise to the day, SHALL include a time zone if more precise than to the day, and SHOULD be precise to the second.
 - IVL_TS.EPSOS.TZ.OPT / TS.EPSOS.TZ.OPT - SHALL be precise at least to the year, SHOULD be precise to the day, and MAY omit time zone.
 - TEL.EPSOS - Phone/fax SHALL have pattern '^+?[0-9()\. -]+\$\$' and SHALL have at least 1 dialing digit


Please note: The transcription to ART-DECOR of the normative master specification for epSOS was originally done by the Dutch National IT Institute for Health Care (Nictiz) end of 2013 / beginning of 2014 as part of an official agreement between the epSOS project and Nictiz.

The specification as of now is the result of a review of the original epSOS specification. This was done within the EXPAND project WP5, before moving the specification to CEG. The activity was supported by HL7 International / HL7 International Foundation / HL7 Europe.

2.2.1 Additional project information

 This project is marked as a repository

Properties

Prefix: epsos- Default language: en-US  Contains reusable content?

Publication location	Project overview
https://art-decor.ehdsi.eu/publication/epSOS/	Project index

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2.2.2 Version Info

Date	By	Description
2018-08-16 12:56:36	GHYS Mathias	<p>Official Release: v2.2.0</p> <p>There have been changes to the following 10 issues since the last intermediate version or release.</p> <ul style="list-style-type: none"> ▪ Issue 240 "moodCode shall be INT" with status "Closed". Last event (2018-07-17T08:10:54): <p style="padding-left: 40px;">I guess this issue can be closed since the moodCode is adapted in ART-DECOR.</p>

I agree with the proposal.

- Issue 275 "Change the Cardinality of the id and text elements according to the IHE PCC" with status "Feedback needed" (2018-06-11T10:24:17):

Dear Giorgio, thank you for your feedback. This is highly appreciated.

I always create tickets for the things I want to change where I don't feel 100% confident, and ask for feedback from semantic experts.

This is one of these cases. I changed the issue status to "Feedback needed" and Label "(TBA) To be approved".

If I understand it correctly, we make the following distinction:

- **specialization**: we modify an existing template (in this case the IHE PCC template) and add some self-defined elements or we add some additional restrictions to existing elements (as been decided in previous project phases)
- **adaptation**: we use an existing template as a base but add/modify elements so that the template is not following the rules of the original template anymore.

From the definition of the templateId: "Use of the templateId indicates that the CDA instance conforms to the constraints specified by each templateId referenced as well as to the standard CDA schema" (Principles of Health Interoperability)

As you mentioned, I also noticed the fact that in a lot of cases the templateId is specified, even when the template is not conforming to the constraints specified by the referenced template.

I think there are 2 problems that have to be fixed:

1. Some eHDSI reuse the existing OID from the IHE PCC templates. This is just wrong. The templates should reuse eHDSI specific template IDs.
2. In my opinion, no template IDs can be specified if the template is not a specialization of the template. The fact that a template is an adaptation/specialization is described in the description.

I don't see a problem in just removing the template IDs in the case of an adaptation, since validation won't fail the CDA document if the template ID is still mentioned, but in that case, at least the templates are correctly described. Another option would be to just make them conform to the referenced templates, but I don't think this is the way to go, since in this case we are reverting changes that have been made in previous project phases (like the choice you mentioned where the choice was not to impose that entries would be linked to the section text)

What do you think?

- Issue 276 "make patient name mandatory (change conformance from R to M)" with status "Open". Last event (2018-06-21T12:59:25):

Finding:

- From the functional requirements, the family/first name of a patient is mandatory. But in DECOR the parent element (name) allows a nullFlavor, there is the possibility to have a valid document without providing the family/first name of a patient.

Suggestion:

- Change the conformance from R to M

Further explanation:

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- Issue 277 "Restrict the nullFlavor value for Telecom element in author to "NI" with status "Open". Last event (2018-06-21T13:10:10):

Finding:

- For reasons of consistency with other telecom elements, restrict the nullFlavor value of assignedAuthor element to "NI". It is also specified like this in the Expand documentation

Suggestion:

- Restrict nullFlavor value of assignedAuthor to "NI"

Further explanation:

-

- Issue 278 "Restrict the nullFlavor value for Telecom element in author prescriber to "NI" with status "Open". Last event (2018-06-21T13:16:02):

Finding:

- For reasons of consistency with other telecom elements, restrict the nullFlavor value of assignedAuthor element to "NI". It is also specified like this in the Expand documentation

Suggestion:

- Restrict nullFlavor value of assignedAuthor to "NI"

Further explanation:

-

- Issue 279 "Fix issue subscription for new ehdsi art décor environment" with status "Open". Last event (2018-06-26T13:16:02):

Finding:

- Since the migration of the art décor server from the art-decor infrastructure towards the commission servers, the e-notification doesn't work anymore.

Suggestion:

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Further explanation:

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- Issue 280 "Add templateID to CDA Number of Packages" with status "Open". Last event (2018-07-03T12:50:48):

Finding:

- At this moment, the CDA NumberOfPackages template has an epSOS OID and was created for reuse. However, it doesn't have a templateID

Suggestion:

- Add the templateID for this template

Further explanation:

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- Issue 281 "Change the cardinality of @classCode and @moodCode to 1..1" with status "Open". Last event (2018-07-18T08:03:41):

Finding:

- We noticed that, although ART-DECOR states that the attributes are optional, the XSD states that it's mandatory.

The schema error is correct, as the attribute is required as per W3C schema (and that makes sense for the classCode).

Therefore you MUST specify this in the template as 1..1, either fixed or with a value set of valid class codes.

Suggestion:

- Change the cardinality from 0..1 to 1..1

Further explanation:

-

- Issue 282 "Make the formCode element of the manufacturedMaterial optional" with status "Open". Last event (2018-07-26T15:24:55):

Finding:

- From the discussion with dr. Christof Gessner: If we look into the expand documentation, we noticed that the formCode has to have cardinality 1..1 and conformance R for ePrescription and eDispensation. However, for PatientSummary, the formCode has to have cardinality 0..1 and be optional. Since this template is reused in all document templates (eP, eD, eR), we should make the element optional.

This won't have any impact on the document validation, since eP/eD messages will still be valid (there is just the relaxed constraint)

Suggestion:

- Make the element optional.

Further explanation:

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- Issue 283 "Remove determinerCode from epsos:ingredient element" with status "Open". Last event (2018-08-07T07:4

2018-06-08 11:29:58	Mathias Ghys

Finding:

- In ART-DECOR, we have two attribute values defined for the upper epsos:ingredient element: @classCode and @determinerCode with both fixed values. But when we add these attributes as defined in ART-DECOR, we have X validation errors. The @determinerCode should be removed from ART-DECOR (this is also in line with the EXPAN documentation)

Suggestion:

- Remove the @determinerCode attribute with it's fixed value from the epsos:ingredient element

Further explanation:

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Official Release: v2.2.0 RC4

There have been changes to the following 6 issues since the last intermediate version or release.

- Issue 270 "Adapt form code example to contain the new OID for the EDQM code system" with status "Closed". Last event (2018-05-18T09:30:16):

modified the example and the erroneous namespace prefix was fixed by dr Kai Heitmann

- Issue 271 "Implement changes related to Approved CP-018" with status "Closed". Last event (2018-05-18T12:18:18):

I implemented all the requested changes, except for:

- the line:

- The prescription ID must be the same as the prescription ID defined in the document header (document ID).

Christof Gessner put the following remark:

In Section 6 it is proposed to add a constraint to template 1.3.6.1.4.1.12559.11.10.1.3.1.3.2 requiring the prescription.id equal to the document ID. I don't think this is required, and I even would say it is wrong. Because the two IDs do not represent the same information object, not even the same kind of information object. A document that represents a prescription is not identical to the prescription itself. And I believe we would lose flexibility if we would consider these two objects to be identical.

Giorgio Cangioli: +1. The use of the ClinicalDocument.id as prescription.id is a recurring error that again and again I don't like (and IMHO it is not correct as well) either the section.id for this scope, but at least it provides some kind of flexibility...

- The line

- Rename the template <http://art-decor.org/art-decor/decor-templates--epsos-?id=2.16.840.1.113883.3.1937.777.11> "epSOS Related Prescription Item" to "eHealth DSI Related Prescription"

I agree with this request, but for reasons of consistency, I won't perform the change now, since we will have some templates with eHealth DSI, and others with epSOS in the name. I think it would be more logic to change them all at once.

- Issue 272 "restrict formCode CONF to epSOSPackage value set for asContent part" with status "Open". Last event (2018-05-25T11:52:02):

Finding:

- In the asContent element we see the following description:

This structure describes the packaging of the medication. The element provides the code for particular package.

But if we go into the formCode, we have the freedom to choose from the epSOSDoseForm value set OR the epSOS value set. In my opinion, the Pharmaceutical dose form has to come into the formCode element under the manufacturedMaterial level and the formCode element under the /asContent/containerPackageMedicine can only contain values from the epSOSPackage value set

Suggestion:

- Remove the possibility to have a value from the 2 value sets.

Further explanation:

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- Issue 273 "For reasons of clarity, every Social History Observation should have an id and " with status "Closed". Last event (2018-06-08T11:21:17):

id and **text** element are added to comply with the Simple Observation Template

- Issue 274 "Change cardinality of value element" with status "Open". Last event (2018-06-08T10:54:16):

Finding:

- We received a question from Heiko Zimmermann:

The "value" element, shouldn't it be with a cardinality 1..1 instead of 0.. ? as it is mentioned in the specification, **shall** be given. Is a max "*" cardinality really useful in practice?*

I had a look in the IHE PCC templates: <https://art-decor.ihe-europe.net/art-decor/decor-templates--IHE-PCC-?id=1.3.6.1.4.1.19376.1.5.3.1.4.6>

In this template the cardinality of the value element is 1 ... *:

I don't know if these this template is something official we can rely on (I guess it's based on this pdf document: http://www.ihe.net/uploadedFiles/Documents/PCC/IHE_PCC_TF_Vol2.pdf since the ART-DÉCOR references the template in this document)?

From the pdf document:

6.3.4.15.5 `<value xsi:type='CD' code=' ' codeSystem=' ' codeSystemName=' ' displayName=' ' />`

The <value> is a description of the allergy or adverse reaction. While the value may be an unencoded string, the type is always a coded value (xsi:type='CD'). If coded, the code and codeSystem attributes must be present. The codingSystem should reference a controlled vocabulary describing allergies and adverse reactions, see Table 5.4 12 above. If unencoded, all attributes other than xsi:type='CD' must be absent. The allergy or intolerance may not be known, 5570 in which case that fact shall be recorded appropriately. This might occur in the case where a patient experiences an allergic reaction to an unknown substance.

		<p>In the pdf we don't have any indication about the cardinality.</p> <p>BUT, if the IHE PCC has a minimum cardinality of 1 and our template has a minimum cardinality of 0, it means we are not compatible with the IHE PCC templates, since our value will provide a valid document according to the ehDSI specifications, but will be an invalid document according to the IHE PCC templates.</p> <p>Suggestion:</p> <ul style="list-style-type: none"> - Change the cardinality from 0 ... * to 1 ... 1 or at least 0 ... 1 <p>Further explanation:</p> <ul style="list-style-type: none"> - <ul style="list-style-type: none"> ▪ Issue 275 "Change the Cardinality of the id and text elements according to the IHE PCC" with status "Open". Last event (2018-06-08T11:03:45): <p>Finding:</p> <ul style="list-style-type: none"> - This template is a subtype of the Problem Entry, and so must also conform to the rule for problem entry, which has the template identifier of 1.3.6.1.4.1.19376.1.5.3.1.4.5. This is an OID from the IHE PCC that is duplicated by an ehDSI template. But from the description we understand that the templateId is referring to the IHE PCC Problem Entry. There the hl7:id and hl7:text are 1 ... 1 M. Then I don't see why the hl7:id and hl7:text are 0 ... * R and R . <p>Suggestion:</p> <ul style="list-style-type: none"> - Lets make this template compatible with the IHE PCC Problem template and change the cardinality and conform <p>Further explanation:</p> <ul style="list-style-type: none"> -
<p>2018-05-04 10:04:48</p>	<p>Mathias Ghys</p>	<p>Official Release: v2.2.0 RC3</p> <p>There have been changes to the following issue since the last intermediate version or release.</p> <ul style="list-style-type: none"> ▪ Issue 269 "Restrict the cardinality on the entries of a Prescription" with status "Closed". Last event (2018-05-04T09:5 <p>I adapted the cardinality.</p>
<p>2018-04-10 17:18:58</p>	<p>Mathias Ghys</p>	<p>Official Release: v2.2.0 RC2</p> <p>There have been changes to the following 13 issues since the last intermediate version or release.</p> <ul style="list-style-type: none"> ▪ Issue 255 "country element in addr has to come from the epSOS country value set if available" with status "Feedback". Last event (2018-01-11T16:53:34): <p>Dear Giorgio,</p> <p>Thank you for the feedback. Very well appreciated. But could you provide me some clarification?</p> <p>To give you a little context on why I did this change:</p>

IHE Europe creates validators based on our ART-DECOR implementation guides. Before the validator was based on specifications in EXPAND.

To identify the differences in validation results between the old validator and the new ART-DECOR based one, a gap analysis was done between the two:

For the Country, there was this difference that the old validator checked that the value in the country element was contained in the epsosCountry value set.

In ART-DECOR there was no rule for this.

hl7:addr is of datatype AD.EPSOS and country is a subelement with datatype ADXP. I wanted to indicate that the value of the country subelement has to come from the epsosCountry value set.

So that `<country>IT</country>` is allowed and not `<country>ITALY</country>`

What is the correct way to define this in ART-DECOR?

- Issue 257 "added the templateId element" with status "Closed". Last event (2018-01-11T18:49:18):

Finding:

- added the templateId element

Suggestion:

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Further explanation:

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- Issue 258 "Remove lock from template" with status "Closed". Last event (2018-01-12T09:37:36):

Finding:

- Can't edit template. Error message says: Template locked User Oliver Egger 2017-11-27

Suggestion:

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Further explanation:

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- Issue 259 "No conformance set for ActiveIngredient substance name" with status "Open". Last event (2018-04-05T11:11:11):

In the EXPAND PDF Spec this corresponds to R4.3, saying that this element is optional. As the datatype is ST, using nullFlavor is not an option. However, in the code element you also have the name.

- Issue 260 "Change participant constraint text: replace inactive concept" with status "Closed". Last event (2018-02-12T10:02:56):

Text adapted

- Issue 261 "Add effectiveTime to EntryVitalSignsObservation" with status "Cancelled". Last event (2018-03-02T10:55:06):

Duplicate of issue 263

- Issue 262 "Adapt examples according to specification" with status "Closed". Last event (2018-03-14T16:18:31):

We received the confirmation in the semantic group in the meeting of 14/3 to change the moodCode attribute and it was adapted.

- Issue 263 "Add effective time element to Vital Signs Observation" with status "Closed". Last event (2018-03-28T11:02:57):

Effective type with datatype TS has been added to the Vital Signs Observation template.

Issue is related to issue #266

- Issue 264 "Add effective time element to Social History Observation" with status "Closed". Last event (2018-03-26T10:02:56):

This topic was discussed at the Semantic WG tcon on 26/3/2018 and this is what has been decided:

In the CDA IGs: we restrict the effectiveTime to only an interval (through the low/high subelements) and we don't allow a specific timestamp (through the value attribute) anymore. We improved the description and hope it will be more clear and less confusing.

Clinically it is meaningful, since it doesn't make sense to specify a single day for smoking behaviour or alcohol consumption.

As a consequence, we only have to foresee the display of the low/high subelements in the CDA Display tool.

- Issue 265 "Add templateID 2.16.840.1.113883.10.20.1.54 to manifestation observation." with status "Rejected". Last event (2018-03-28T11:02:57):

It was agreed upon to remove the dependency to the CCD template (2.16.840.1.113883.10.20.1.54) from the allergy reaction observation. No formal reason could be found to keep it. Since the constraint was just in textual form, it won't be tested in validation.

It's a spurious remaining from the IHE PCC, where conformance to CCD was requested. No formal rules could be found, so it could not be covered by other templates present in the Allergy Reaction Observation.

- Issue 266 "Change the datatype of the effectiveTime for the Vital Signs Organizer from IVL_TS to TS" with status "Closed". Last event (2018-03-28T10:55:06):

Datatype is changed from IVL_TS to TS.

This has been agreed upon in the working session with the eHDSI solution provider. I also extended the description with an example for clarification.

- Issue 267 "Remove the textual constraint to the CCD template for the Allergies reaction observation" with status "Closed" (2018-03-28T10:52:56):

Textual constraint removed from the template.

I also removed it from the example in the observation for the immunizations. Since there it was not in the description in the example and this is very confusing.

- Issue 268 "Restrict effective Time in the entries of the Medical Devices Section" with status "Closed". Last event (2018-04-05T12:02:55):

Changed the datatype for the effectiveTime in the Medical Devices Template from IVL_TS to TS and adapted the description accordingly.

2018-01-10
17:19:30

Mathias
Ghys

Official Release: V2.2.0 RC1

There have been changes to the following 20 issues since the last intermediate version or release.

- Issue 237 "Create scenario for this template" with status "Open". Last event (2017-11-20T18:27:02):

In order to make ART-DECOR create the Schematron files

- Issue 238 "Create scenario for this template" with status "Open". Last event (2017-11-20T18:27:29):

In order to make ART-DECOR create the Schematron files

- Issue 239 "Modify effectiveTime element for Medical Device template" with status "Feedback needed". Last event (2017-11-23T20:51:26):

If we want the schematrons as intended, people have to stick to the "usual" namespace prefixes like...

That is what Implementation Guides typically do, e.g. see IHE

- Issue 240 "moodCode shall be INT" with status "In Progress". Last event (2017-11-24T13:36:16):

Finding:

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There is an inconsistency between the specification with OID 1.3.6.1.4.1.19376.1.5.3.1.1 in the older EXPAND documentation (where the implementation guides were written in 2007) where the old validator was based upon and the current ART-DECOR definitions.

Suggestion:

- Change to moodCode=INT

Further explanation:

- I checked the PDF documentation, the parent template from IHE PCC 1.3.6.1.4.1.19376.1.5.3.1.4.3.1, and the C-C template 2.16.840.1.113883.10.20.1.43

(see <https://art-decor.ihe-europe.net/art-decor/decor-templates--IHE-PCC-?id=1.3.6.1.4.1.19376.1.5.3.1.4.3.1>)

Also see IHE PCC TF2 6.3.4.8.4:

```
<act classCode='ACT' moodCode='INT'>
```

The related statement is the intent (moodCode='INT') on how the related entry is to be performed.

- Issue 241 "inversionInd shall be true" with status "In Progress". Last event (2017-11-24T13:59:48):

Finding:

- no fixed value for inversion Ind

Suggestion:

- fixed inversionInd value true, according to IHE PCC 1.3.6.1.4.1.19376.1.5.3.1.4.7, and epsos PDF specification

Further explanation:

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- Issue 242 "Fix duplicate OIDs in ART-DECOR" with status "Open". Last event (2017-11-29T12:39:09):

Finding:

We noticed that the same OIDs are used in ART-DECOR for defining different templates. This originates from the implementation guide definitions in the EXPAND period and is a known issue for some time.

The majority of conflicts arises from re-using templates from IHE PCC in epSOS, but with additional constraints.

I compared the list of templates in epsos: <http://art-decor.org/art-decor/decor-template-ids--epsos->

with the IHE PCC templates: <https://art-decor.ihe-europe.net/art-decor/decor-template-ids--IHE-PCC->

I tried to list the templates where the OID is reused in epSOS:

- 1.3.6.1.4.1.19376.1.5.3.1.1.5.3.2 - Section Coded Vital Signs
- 1.3.6.1.4.1.19376.1.5.3.1.1.5.3.4 - Section Pregnancy History
- 1.3.6.1.4.1.19376.1.5.3.1.1.9.50 - Section Health Maintenance Care Plan
- 1.3.6.1.4.1.19376.1.5.3.1.3.6 - Section Active Problems
- 1.3.6.1.4.1.19376.1.5.3.1.3.8 - Section History of Past Illness

- 1.3.6.1.4.1.19376.1.5.3.1.3.12 - Section Coded List of Surgeries
- 1.3.6.1.4.1.19376.1.5.3.1.3.13 - Section Allergies and Other Adverse Reactions
- 1.3.6.1.4.1.19376.1.5.3.1.3.16.1 - Section Coded Social History
- 1.3.6.1.4.1.19376.1.5.3.1.3.17 - Section Functional Status
- 1.3.6.1.4.1.19376.1.5.3.1.3.23 - Section Immunizations
- 1.3.6.1.4.1.19376.1.5.3.1.4.1 - Severity
- 1.3.6.1.4.1.19376.1.5.3.1.4.1.1 - Entry Problem Status Observation
- 1.3.6.1.4.1.19376.1.5.3.1.4.1.2 - Entry Health Status Observation
- 1.3.6.1.4.1.19376.1.5.3.1.4.2 - Comment
- 1.3.6.1.4.1.19376.1.5.3.1.4.3 - epSOS Patient Medication Instructions
- 1.3.6.1.4.1.19376.1.5.3.1.4.3.1 - Entry Medication Fulfillment Instructions
- 1.3.6.1.4.1.19376.1.5.3.1.4.4 - External Reference
- 1.3.6.1.4.1.19376.1.5.3.1.4.4.1 - Internal Reference
- 1.3.6.1.4.1.19376.1.5.3.1.4.5 - Problem
- 1.3.6.1.4.1.19376.1.5.3.1.4.5.2 - Problem Concern
- 1.3.6.1.4.1.19376.1.5.3.1.4.5.3 - Allergy and Intolerance Concern
- 1.3.6.1.4.1.19376.1.5.3.1.4.6 - Allergies And Intolerances
- 1.3.6.1.4.1.19376.1.5.3.1.4.7.2 - Immunization Product
- 1.3.6.1.4.1.19376.1.5.3.1.4.12 - Immunizations
- 1.3.6.1.4.1.19376.1.5.3.1.4.13 - Simple Observation
- 1.3.6.1.4.1.19376.1.5.3.1.4.13.1 - Vital Signs Organizer
- 1.3.6.1.4.1.19376.1.5.3.1.4.13.2 - Vital Signs Observation
- 1.3.6.1.4.1.19376.1.5.3.1.4.13.4 - Social History Observation
- 1.3.6.1.4.1.19376.1.5.3.1.4.13.5 - Pregnancy Observation
- 1.3.6.1.4.1.19376.1.5.3.1.4.13.6 - Blood Group
- 1.3.6.1.4.1.19376.1.5.3.1.4.19 - Procedure

Suggestion:

Change the OIDs. To what OIDs has to be discussed and maybe the change has to occur by a change request.

Further explanation:

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- Issue 243 "Description of epsos:Ingredient is wrong" with status "Closed". Last event (2017-12-07T19:16:16):
 Closed after having verified the solution with Konstantin Hyppönen.
- Issue 244 "Fixed value for nullFlavor is inconsistent with description and former EXPAND documentation" with status "Open". Last event (2017-12-06T10:43:08):
 - Conformance of Organisation changed from 1 ... 1 M to 1 ... 1 R

Suggestion:

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Further explanation:

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- Issue 248 "hl7:name cardinality must be changed from 0 ... 1 to 1 ... 1" with status "Open". Last event (2017-12-18T11:46:08):

Finding:

- outcome of gap analysis of Abderrazek: consumable/manufacturedProduct/manufacturedMaterial/name required
Expand the Cardinality is for the element is: (eP/eD/PS: R/NA/NA).

Suggestion:

- Change the cardinality from 0 ... 1 to 1 ... 1

Further explanation:

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- Issue 249 "Set Telecom element in line with usages in other templates" with status "Closed". Last event (2018-01-05T11:46:08):

Fixed the Telecom element, but I didn't create a separate Template yet...

- Issue 250 "telecom use code" with status "Open". Last event (2018-01-08T11:46:08):

Finding:

- telecom @use is required, but should be optional, according to text.

Suggestion:

- change cardinality to 0..1 (as in other occurrences of telecom)

Further explanation:

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- Issue 251 "telecom nullFlavor value" with status "Open". Last event (2018-01-08T11:52:44):

Finding:

- to be changed from UNK to NI

Suggestion:

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Further explanation:

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- Issue 252 "Add nullFlavor possibility with NI fixed value to Telecom element" with status "Closed". Last event (2018-01-08T17:19:23):
- Issue 253 "Adapt conformancy of family and given elements conform the EXPAND specifications" with status "Feed needed". Last event (2018-01-09T12:38:14):

OK. I removed the contain statement.

Note that the intention to make those fields mandatory will fail if not all enclosing elements are also mandatory. Other sender can just use a nullFlavor on one of the enclosing levels.

- Issue 254 "Adapt Telecom element with relation to other elements" with status "Closed". Last event (2018-01-10T09:16:14):

Changed according to requirement R1.10.8 in the EXPAND documentation

- Issue 255 "country element in addr has to come from the epSOS country value set if available" with status "Closed". Last event (2018-01-10T16:19:27):

Added the constraint

- Issue 256 "Change Conformance of HCP assignedPerson family and given name according to documentation" with status "Closed". Last event (2018-01-10T16:15:35):

I processed the changes

2017-11-17
11:09:31

Mathias
Ghys

Official Release: V2.1.1

There have been changes to the following 200 issues since the last intermediate version or release.

- Issue 2 "Add laparoscopic colectomy" with status "Open". Last event (2016-03-29T13:36:09):

To be considered for Next MVC version
- Issue 24 "Value set epSOSCodeProb without dataset binding" with status "Closed". Last event (2016-03-17T17:46:53):
- Issue 31 "Value set epSOSPersonalRelationship without dataset binding" with status "Closed". Last event (2016-03-17T17:59:20):

Modified the binding for the /ClinicalDocument/participant/associatedEntity/code
- Issue 32 "Value set epSOSRoleClass without dataset binding" with status "Closed". Last event (2016-03-17T17:59:20):

this value set is bound to CDA.participant.AssociatedEntity.classCode
- Issue 33 "Value set epSOSTimingAddress without dataset binding" with status "Closed". Last event (2016-03-17T18:00:00):

used in the telecom/@use attribute
- Issue 37 "Value set epSOSDisplayLabel without dataset binding" with status "Rejected". Last event (2016-03-17T18:00:00):
- Issue 38 "Two different descriptions in the documentation" with status "Open". Last event (2016-03-17T17:57:26):

- Issue 39 "Element Indication" with status "Deferred". Last event (2017-05-17T14:36:22):
Any analysis about the dataset is deferred
- Issue 42 "Status" with status "Closed". Last event (2016-03-29T17:36:26):
Changed the status code description for SubstanceAdministration
- Issue 43 "Name of the concept" with status "Deferred". Last event (2016-03-29T13:24:34):
HCER and MRO are not priority for the time being (not part of the guidelines)

Data set element should be revised according to the EU guidelines
- Issue 47 "Missing value set binding for Health Care Alert code" with status "Closed". Last event (2016-04-22T09:16:50):
Added the specification text to the comment field of the parent data element container
- Issue 48 "Missing value set binding for Treatment code" with status "Closed". Last event (2016-04-04T15:28:28):
No value set binding needed at this point in time.
- Issue 49 "Missing value set binding for Prescriber Speciality" with status "Closed". Last event (2016-04-04T15:27:50):
Mentioned HP Specialty is sufficient for now. Not value set binding necessary.
- Issue 50 "Missing concepts for Dispenser?" with status "Closed". Last event (2016-03-29T13:21:57):
- Issue 51 "Specialization of template "1.3.6.1.4.1.19376.1.5.3.1.2.4"" with status "Open". Last event (2016-07-13T16:52:42):
- Issue 52 "Cardinality/nullFlavor for address (parts)" with status "Closed". Last event (2017-05-17T14:44:00):
This is handled by the AD.EPSOS specialization of the AD datatype
- Issue 53 "HP can have only 1 relevant speciality in a given context" with status "Open". Last event (2016-03-17T17:42:50):
- Issue 54 "MRO has impossible card on performer/assignedEntity" with status "Rejected". Last event (2016-03-17T17:42:50):
No fix required for the DECOR template.
- Issue 55 "Assignment of an epSOS template ID for this section" with status "Open". Last event (2016-07-13T14:52:42):
- Issue 56 "Identification of the IHE PCC template version actually used" with status "Closed". Last event (2016-04-04T15:27:50):
Checked

- Issue 57 "Informant role" with status "Open". Last event (2016-07-13T14:54:45):
- Issue 58 "Assign an epSOS specific template ID" with status "Open". Last event (2016-07-13T14:51:30):
- Issue 59 "Optionaly of template IDs" with status "Open". Last event (2015-11-09T15:26:26):

Finding:

The current specs requires that all the IHE PCC (simple obs ad socila Obs) and the CCD template IDs are provided
IHE PCC template just says that "These <templateId> elements identify this as a Social History observation." without indicating any optionality.

Suggestion:

Evaluate if is really needed that all of them would be required.

Further explanation:

This applies to several other templates

- Issue 60 "Update example" with status "Closed". Last event (2017-05-17T14:39:29):
removed the not used elements
- Issue 61 "types of social observation" with status "Open". Last event (2015-11-09T15:43:47):

Finding:

the conceptual model consider only three types of social observation:

- Smoke
- Alcohol
- Diet

Suggestion:

Evaluate if we need to specialize the IHE PCC template considering three different specialized template for each of

Further explanation:

in the case of diet a coded element is expected in the obs.value , but the epSSO MVC doesn't define such a type of

- Issue 62 "Relationship between the type of obs.code and type of obs.value " with status "Open". Last event (2016-07-13T14:53:06):
- Issue 63 "version of referenced specification" with status "Closed". Last event (2016-03-29T17:02:51):
versions of the IHE TFs have been updated
- Issue 64 "Assign an epSOS specific template ID" with status "Open". Last event (2017-08-01T19:05:36):

I support this. id is mandatory in IHE template, but this does not make sense here (changed it to 0..1 R).

- Issue 65 "routeofAdm and approach site" with status "Closed". Last event (2017-05-17T13:52:29):

Removed the binding

- Issue 66 "approachSiteCode" with status "Closed". Last event (2017-05-17T14:13:26):

the approachSiteCode seems to be no more in the template...assumed closed

- Issue 67 "doseQuantity duplicated" with status "Closed". Last event (2015-11-19T15:56:37):

doseQuantity is now only one element with data type RTO_PQ_PQ

- Issue 68 "2.16.840.1.113883.10.20.1.46 Position Of Vaccination" with status "Closed". Last event (2016-03-17T11:2

Element removed

- Issue 69 "adverse reactions in immunization" with status "Closed". Last event (2016-02-23T13:17:25):

- Issue 70 "Product information duplicated ?" with status "Closed". Last event (2016-03-17T17:39:43):

removed the "duplicated" relationship with product

- Issue 71 "manufacturerOrganization in immunization product" with status "Closed". Last event (2015-11-19T16:01:4

manufacturerOrganization element eliminated

- Issue 72 "Update the value sets based on latest MVC" with status "Closed". Last event (2017-11-15T16:14:01):

Solved by loading the latest MVC version 2.2.2

- Issue 73 "Revision of Section Coded Results" with status "Closed". Last event (2016-07-13T17:05:47):

Template ID updated

- Issue 74 "Revision of Section Allergies and Other Adverse Reactions" with status "Closed". Last event (2015-12-30T

1.3.6.1.4.1.19376.1.5.3.1.4.5.3 Allergy and Intolerance Concern

- statusCode shall be active|suspended|aborted|completed only, while whole Value Sets ActStatus is bound. Cor

1.3.6.1.4.1.19376.1.5.3.1.4.6 Allergies And Intolerances

- Allergen (participant typeCode CSM) is conditional 0..* to Observation.value. Condition added :: Omit if Observation.value is SNOMED-CT 160244002 No known Allergies

- Issue 75 "Revision of Sections History of Past Illness and Active Problems" with status "Closed". Last event (2015-11-23T16:36:46):

- Issue 76 "Revision of Section Coded List of Surgeries" with status "Closed". Last event (2017-05-17T13:49:54):

- Issue 77 "Revision of Section Medical Devices Coded" with status "Closed". Last event (2017-08-01T18:46:34):

IHE 1.3.6.1.4.1.19376.1.5.3.1.1.5.3.5 actually requires section.id

- Issue 78 "Revision of Section Health Maintenance Care Plan" with status "Closed". Last event (2016-03-18T15:07:15

the actual optionality of this template id is not well specified neither in the IHE PCC nor in the epSOS specs.

The schematron published by IHE requires this element for the IHE PCC template. Change the cardinality from 0..1

- Issue 79 "Revision of Section Functional Status" with status "Closed". Last event (2015-11-21T16:32:42):
Section revised
- Issue 80 "Revision of Section Pregnancy History" with status "Closed". Last event (2016-04-04T14:41:36):
Reviewed Templates and pending issues, added a few new issues.
Revision is closed.
- Issue 81 "Revision of Section Coded Vital Signs" with status "Closed". Last event (2016-03-17T10:53:01):
- Issue 82 "Revision section Coded Results" with status "Cancelled". Last event (2015-11-25T11:22:52):
duplicated item
- Issue 83 "DoseQuantity DT to be fixed" with status "Closed". Last event (2015-11-24T18:48:27):
This was definitely entered/defined in error. doseQuantity is now a IVL_PQ as defined in the generic CDA.
- Issue 84 "No Value Set for coding Invalidity" with status "Open". Last event (2015-11-21T16:29:47):
Finding:
This is a known issue. No Value set have been identified for describing autonomy/invalidity
Suggestion:
-
Further explanation:
-
- Issue 85 "Concern entry ID" with status "Closed". Last event (2017-05-17T14:09:48):
changed to required
- Issue 86 "concern entri statuscode voc binding" with status "Closed". Last event (2017-05-17T14:08:31):
added new value set and binding
- Issue 87 "Constrains on IVL_TS" with status "Closed". Last event (2015-11-30T16:39:52):
Fixed

- Issue 88 "negationInd" with status "Closed". Last event (2016-04-04T16:08:29):
Added negationInd isOptional=true
- Issue 89 "Data type of the obs.code" with status "Closed". Last event (2017-05-17T12:22:07):
datatypes updated
- Issue 90 "check obs.ocde voc binding" with status "Open". Last event (2016-07-13T16:42:39):
- Issue 91 "value set binding for Obs.value" with status "Open". Last event (2016-07-13T14:52:31):
- Issue 92 "the referenced entry ID to be updated" with status "Open". Last event (2016-07-13T16:42:59):
- Issue 93 "add attributes to the entryRelationship" with status "Closed". Last event (2015-11-23T12:39:36):
Agree, done
- Issue 94 "severity: the text shall contain a ref " with status "Closed". Last event (2015-11-23T12:42:23):
Agree, done
- Issue 95 "statusCode required ?" with status "Closed". Last event (2015-12-30T15:27:39):
statusCode shall be present in all cases and values "completed" due to the underlying (derived from) specifications;
the templates.
- Issue 96 "obs.value add constrains" with status "Closed". Last event (2015-11-25T11:25:25):
data type changed to CD.EPSOS
- Issue 97 "assign an epSOS template ID" with status "Open". Last event (2016-07-13T16:43:22):
- Issue 98 "Text element: add constrain" with status "Closed". Last event (2015-12-30T15:03:16):
Done
- Issue 99 "Comment Author" with status "Open". Last event (2016-07-13T14:51:51):
- Issue 100 "rename to "Medication Item"" with status "Closed". Last event (2015-11-24T18:53:57):
The Template's business name and display name has been set accordingly
- Issue 101 "templates for Normal Dosing, split dosing and combination medication" with status "Deferred". Last event (2017-05-17T13:54:38):
In case to be reconsidered for future discussion
- Issue 102 "Medication entry cardinality" with status "Closed". Last event (2015-11-25T11:05:15):

entry changed to 1..* R

- Issue 103 "Revision of Section Medication Summary" with status "Closed". Last event (2016-03-01T12:31:10):
- Issue 104 "Text in description" with status "Deferred". Last event (2016-03-17T17:27:45):

This an optional section used to say i know she is pregnant. Up to now all the oter cases has been managed skipping section.

The way to manage negations, not known information need to be faced more widely.

- Issue 105 "section code correct?" with status "Deferred". Last event (2015-11-25T11:18:04):
- Issue 106 "should-language" with status "Closed". Last event (2015-11-25T11:04:09):

The code is thus declared to be mandatory 1..1 M, ie no null flavors are allowed. That is correct in spec and ART-D

The phrase "the code **should** come from this list" equals to a binding to the value set *1.3.6.1.4.1.12559.11.10.1.3.1.4.epSOSPregnancyInformation (Dynamic)* with CWE coding strength (coded with exceptions), saying that if a concept of the codes in the value set this code must be used, otherwise other codes may be used (from other code systems).

Changed codings strength to CWE

- Issue 107 "cardinality observation/value" with status "Closed". Last event (2015-11-25T11:03:18):

Then the spec needs to be corrected.

M means no null flavors are allowed (mandatory). This is in principal equal to SHALL.

R means null flavors are allowed (required).

Null Flavors should be allowed here for sure.

Changed to 1..1 R

- Issue 108 "section code is for document, details to be added" with status "Open". Last event (2015-11-25T11:02:56):

Finding:

- The LOINC code used here signifies a document, not a section. Furthermore, it asks for specification of {setting} {Author Type}. Not sure if this is appropriate code here.

Suggestion:

- Check for alternative, possibly request new code from LOINC

Further explanation:

-

- Issue 109 "restriction to past surgeries" with status "Deferred". Last event (2017-05-17T13:49:37):
To be reconsidered in the future
- Issue 110 "cardinality of Procedure entry" with status "Closed". Last event (2015-11-26T16:35:29):
Added this text to Procedure entry
- Issue 111 "Change Section.code to be standard" with status "Closed". Last event (2015-11-25T11:12:27):
Was entered in ART-DECOR in error, is now the correct LOINC code for Section.code
- Issue 112 "effectiveTime mandatory, NullFlavor not allowed? discussion needed" with status "Closed". Last event (2015-11-26T15:57:07):
Done
- Issue 113 "Missing id in template" with status "Closed". Last event (2015-11-25T13:00:10):
Element id added as 0.* R
- Issue 114 "Code no value set bound" with status "Closed". Last event (2015-11-25T13:01:03):
Observation.code now bound to epSOSBloodPressure value set 1.3.6.1.4.1.12559.11.10.1.3.1.42.21
- Issue 115 "More codes in value set" with status "Open". Last event (2015-11-25T12:39:27):

Finding:

Only a few concepts in associated value set Obs.code

Suggestion:

In the future a value set should contain much more concepts, see e.g. ELGA_Vitalparameterarten 1.2.40.0.34.10.34

Further explanation:

-

- Issue 116 "Add text element" with status "Closed". Last event (2015-11-26T15:51:40):
Done
- Issue 117 "statusCode missing" with status "Closed". Last event (2015-11-26T15:35:19):
Done
- Issue 118 "Use of methodCode and targetSiteCode" with status "Closed". Last event (2016-03-29T16:51:44):

Those elements had value sets associated. They were included in the template, but not accepted by functional experts for the Patient Summary data set.

Left as optional element without voc binding only for future consideration. Added a note in the template description.

- Issue 119 "Multiplicity in EntrySimpleObservation" with status "Closed". Last event (2015-11-26T15:19:25):
Done as planned
- Issue 120 "Update the actStatus" with status "Closed". Last event (2017-05-17T14:33:44):
defined a new VS and added a binding
- Issue 121 "Name of Template Medicine & specialized templates" with status "Open". Last event (2017-05-17T13:55:11):
done
- Issue 122 "Typo in Description" with status "Closed". Last event (2016-03-01T12:56:49):
done
- Issue 123 "epsos:asSpecializedKind/classCode" with status "Closed". Last event (2017-05-17T10:03:43):
updated
- Issue 124 "asSpecializedKind missing in Medication Summary Spec" with status "Open". Last event (2016-03-17T10:03:43):
done
- Issue 125 "Fix statusCode definitions" with status "Closed". Last event (2015-12-02T22:50:41):
Done
- Issue 126 "Add 1.3.6.1.4.1.12559.11.10.1.3.1.3.1 template specializations" with status "Open". Last event (2016-07-14T12:56:49):
done
- Issue 127 "manufacturedProduct/manufacturedMaterial/code remove voc binding" with status "Closed". Last event (2017-05-17T12:20:14):
Removed the binding
- Issue 128 "asSpecializedKind/epsos:generalizedMedicineClass/epsos:code voc binding missing" with status "Closed". Last event (2017-05-17T12:17:17):
template updated
- Issue 129 "add manufacturedProduct/manufacturedMaterial/epsos:asSpecializedKind/epsos:generalizedMedicineClass/code element" with status "Closed". Last event (2017-05-17T13:46:38):
template updated
- Issue 130 "ingredient/[@classCode='ACTI']/ingredient/code element missing" with status "Closed". Last event (2017-05-17T12:15:49):
Updated the template
- Issue 131 "supply.code not foreseen" with status "Closed". Last event (2017-05-17T13:57:15):
done

removed the voc binding

- Issue 132 "hl7:effectiveTime datatype" with status "Closed". Last event (2017-05-17T14:24:28):

added datatype and one example with the time stamp

- Issue 133 "participantRole.id is optional" with status "Closed". Last event (2016-03-17T10:03:10):

Added cardinality 0..*

- Issue 134 "No devices example" with status "Open". Last event (2016-07-13T16:59:10):

Improvement planned for the next template version (assigned to the label Template ID even if it is not related to this)

- Issue 135 "Assign an epSOS specific template" with status "Open". Last event (2016-07-13T14:53:33):

- Issue 136 "section.id optionality" with status "Closed". Last event (2017-05-17T13:37:16):

Made Optional

- Issue 137 "change oid of the template included for the organizer" with status "Open". Last event (2017-05-17T13:53:00):

- Issue 138 "Add constraints for the organizer attributes" with status "Closed". Last event (2017-05-17T14:16:53):

updated

- Issue 139 "change the constrain about code@displayName" with status "Closed". Last event (2016-03-17T11:45:20):

As epsom is multilingual, the constraint on having displayName valued as "Vital Signs" has been removed

- Issue 140 "Check effectivetime datatype" with status "Closed". Last event (2016-03-17T11:49:52):

Added explanation and two examples

- Issue 141 "change the reference for the Vital Signs Obs" with status "Closed". Last event (2016-03-17T11:13:08):

Done

- Issue 142 "Improve example, it is too generic." with status "Closed". Last event (2017-05-17T10:30:42):

added id and effectiveTime

- Issue 143 "Defunct Link to Template SimpleObservation" with status "Deferred". Last event (2017-05-17T11:18:28):

No broken links in the template specifications; references to external templates used by /uses is not relevant for the template. To be reconsidered for future consideration

- Issue 144 "Relation Specialization defunct link" with status "Rejected". Last event (2017-05-17T10:35:07):

Not clear what was the issue the 1.3.6.1.4.1.19376.1.5.3.1.3.11 is defined in the IHE PCC and it is the parent template

- Issue 145 "Include footnote from Text Spec" with status "Closed". Last event (2017-05-17T10:15:05):

Note added in the description

- Issue 146 "Add epSOS unstructured document specifications " with status "Closed". Last event (2017-05-17T09:59:45):

Added proposal templates for unstructured documents

- Issue 147 "Update document according to CP#08" with status "Open". Last event (2016-07-06T10:47:50):

Finding:

According to CP#8 the optionality R/R/RFNA shall be read as RNFA / RNFA / R

Suggestion:

Update the work document consequently

- Issue 148 "update specialty cardinality to 0..1" with status "Open". Last event (2016-07-06T10:49:40):

Finding:

Update Specialty cardinality to 0..1 (table in § 10.1)

Suggestion:

-

Further explanation:

-

- Issue 149 "Value set 2.16.840.1.113883.1.11.19708 ActSubstanceAdministrationCode" with status "Closed". Last event (2017-05-17T09:57:34):

Binding removed

- Issue 150 "Fix participant role for agents" with status "Open". Last event (2017-05-17T14:49:33):

TO BE FIXED creating a template fragment for agents

- Issue 151 "statusCode cardinality to 1..1" with status "Closed". Last event (2017-05-17T09:54:40):

fixed to 1..1

- Issue 152 "IHE PCC templateId entry cannot be required" with status "Closed". Last event (2017-05-17T09:30:56):

changed cardinality of the "other" templates to 0..1

- Issue 153 "Example: Invalid XML" with status "Deferred". Last event (2017-05-17T14:52:25):

no more able to see where the problem was...maybe it has been fixed

- Issue 154 "Update the doseQuantity description " with status "Closed". Last event (2017-05-17T09:50:00):

description updated

- Issue 155 "Clarification on the usage of doseQuantity" with status "Closed". Last event (2017-05-17T09:51:17):

Updated the doseQuantity description

- Issue 156 "Assert not aligned with the error message" with status "Open". Last event (2017-05-17T14:54:30):
- Issue 157 "Cardinality of the name prefix and suffix" with status "Closed". Last event (2017-11-15T17:00:10):

This issue is related to issue 161 and the cardinality of the prefix/suffix is changed to 0 ... * (which is compliant with CDA specifications)

- Issue 158 "SignatureCode fixed to "S"" with status "Closed". Last event (2017-05-17T09:20:35):

Added fixed code S

- Issue 159 "relatedDocument cardinality" with status "Closed". Last event (2017-05-17T09:24:53):

changed to 1...*

- Issue 160 "Cardinality Contact/Preferred HP/Legal Organization" with status "In Progress". Last event (2017-05-17T14:53:29):

- Issue 161 " (epSOS CDA author): prefix and suffix is required for assignedPerson" with status "Closed". Last event (2017-05-17T09:23:23):

Changed the cardinality for author and legal auth.

- Issue 162 "Check and update EDQM OID" with status "Closed". Last event (2017-11-15T15:30:33):

Solved by the loading of the new MVC 2.2.2

- Issue 163 "Check the binding with language VS" with status "Open". Last event (2017-05-17T14:53:29):

- Issue 164 "realmCode" with status "Open". Last event (2017-07-18T23:26:34):

Finding:

-realmCode is Mandatory

Suggestion:

-change to 0..1 R

Further explanation:

-

- Issue 165 "realmCode" with status "Open". Last event (2017-07-18T23:27:36):

Finding:

-is Mandatory

Suggestion:

--change to 0..1 R

Further explanation:

-

- Issue 166 "realmCode" with status "Open". Last event (2017-07-18T23:26:57):

Finding:

-is mandatory

Suggestion:

--change to 0..1 R

Further explanation:

-

- Issue 167 "realmCode" with status "Open". Last event (2017-07-18T23:28:55):

Finding:

-is mandatory

Suggestion:

--change to 0..1 R

Further explanation:

-

- Issue 168 "realmCode" with status "Open". Last event (2017-07-18T23:28:19):

Finding:

-is Mandatory

Suggestion:

--change to 0..1 R

Further explanation:

-

- Issue 169 "classCode, determinerCode" with status "Feedback needed". Last event (2017-07-18T23:01:19):

proposal to close.

I implemented the change. Expecting little effect, because it just removes (unnecessary) constraints.

- Issue 170 "elements in address" with status "Open". Last event (2017-07-18T23:22:21):

Finding:

-

Suggestion:

-

Further explanation:

epSOS said for most address occurrences: "If there is no information, the nullFlavor attribute shall have a value of T address parts shall be present, otherwise there shall be no nullFlavor attribute, and at least one of the address parts li shall be present.". Only for Healthcare Facilities there are stricter rules (R1.10.9.3). From the information on option be inferred that the intention was to make only country mandatory here. Changed accordingly.

-

- Issue 171 "multiple instances of effectiveTime" with status "Open". Last event (2017-07-18T23:21:44):

Finding:

-validation fails for multiple effectiveTime instances. But epSOS requires two instances, at least in some cases. Note probably be fixed by epsos-issue-101.

Suggestion:

- add more specific information on occurrence, like effectiveTime[1], effectiveTime[2] etc.

Further explanation:

-

- Issue 172 "classCode, moodCode" with status "Rejected". Last event (2017-11-16T15:27:04):

Change rejected. This is a specialization of Template CDA documentationOf (prototype, directly derived from POCD_RM000040 MIF).

- Issue 173 "prefix/suffix required" with status "Closed". Last event (2017-11-16T15:38:54):

Looks okay, is the same as the other person instances. Closed.

- Issue 174 "Allow serviceEvent/effectiveTime as interval or TS?" with status "Open". Last event (2017-05-31T19:06:5

Finding:

- EffectiveTime of ServiceEvent required Low and high

Suggestion:

- Modify template to allow for high only (without low) and also allow for TS, alternatively ("silent demotion")

Further explanation:

-

- Issue 175 "OID for Comment Template" with status "Open". Last event (2017-06-08T13:01:07):

Finding:

The OID for the Comment Entry here is the same as for the IHE Comment Entry from PCC. You cannot use the same as it defines additional constraints here.

Suggestion:

Use the IHE Comment Entry as-is (ref) or clone it with a new template ID.

Further explanation:

-

- Issue 176 "CDA Device : check value set binding with device.code" with status "Open". Last event (2017-06-12T17:4

Finding:

To be evaluate if the value set indicated "The value of @code shall be drawn from value set 2.16.840.1.113883.1.11.16040 *EntityCode* (DYNAMIC)" is here appropriate.

Suggestion:

-

Further explanation:

-

- Issue 177 "Preferred Health Professional for emergency contact: change the classCode to ECON" with status "Open". (2017-06-13T12:04:11):

Finding:

To describe the Preferred Health Professional for emergency contact is currently used participant/functionCode = P participant/associatedEntity@classCode="PRS"

The usage of the classCode ECON seems to be more appropriate.

Suggestion:

-

Further explanation:

-

- Issue 178 "No Entry?" with status "Open". Last event (2017-06-30T11:26:04):

Which section Libor?

- Issue 179 "generic template for simple observation is ill-defined" with status "Closed". Last event (2017-07-18T22:31

done.

- Issue 180 "classCode is mandatory" with status "Open". Last event (2017-07-18T23:19:34):

Finding:

- classCode is mandatory, according to schema

Suggestion:

- change cardinality from 0..1 to 1..1

Further explanation:

-

- Issue 181 "observation classCode is mandatory" with status "Open". Last event (2017-07-14T12:19:00):

Finding:

- observation classCode is mandatory

Suggestion:

- change cardinality to 1..1

Further explanation:

-

- Issue 182 "change hl7:languageCode description" with status "Open". Last event (2017-07-14T12:20:15):

Finding:

At the moment the description is:

Document Language Code

- The language code SHALL be in the form nn-CC.
- The nn portion SHALL be an ISO-639-1 language code in lower case derived by the ValueSet epSOSLanguage.
- The CC portion SHALL be an ISO-3166 country code in upper case derived by the valueSet epSOSCountry

Suggestion:

Since MVC 2.2.1, the epSOSLanguage Value set contains already the languageCodes in the form nn-CC, so the hl7:languageCode won't be composed by the epSOSLanguage and the epSOSCountry codes with a hyphen in between.

Further explanation:

-

- Issue 183 "LOINC code for blood group observation" with status "Open". Last event (2017-07-18T22:55:45):

also see discussion on LOINC code in [epsos-issue-192](#)

- Issue 184 "displayname and codesystem name are optional" with status "Open". Last event (2017-07-18T23:20:00):
AFAIK the datatypes of such codes need to be CD.EPSOS rather than the generic CD
- Issue 185 "Template is too specific" with status "Feedback needed". Last event (2017-07-19T11:25:51):
The Coded Results Section template (1.3.6.1.4.1.12559.11.10.1.3.1.2.5) accepts only blood group observation (1.3.6.1.4.1.19376.1.5.3.1.4.13.6) and no other observation entries . This req is listed as R18.1 and R18.2 in the PDF spec, and copied in the current template spec.
- Issue 186 "allow for multiple entries" with status "Closed". Last event (2017-07-18T22:58:53):
proposal to close issue.

implemented the proposed change, tests showed that it enables the documentation of both, closed and open Allergy in the same section.
- Issue 187 "units in ingredient/quantity" with status "Feedback needed". Last event (2017-07-18T23:19:06):
I'm not sure without re-reading our manual but I think if the binding is CWE a warning is generated instead of an er
- Issue 188 "Dosing-specific templates do not appear in template ID list" with status "Open". Last event (2017-07-18T11:25:51):
Since this template needs to be revised in order to be specialized depending on the fact is used in a eP or into a PS.

I Suggest to postpone this issue and when the revision will be done do no consider anymore these templates but use subordinated substance administration as suggested by the medication statement template defined by the Phama WC adopted for the IPS
- Issue 189 "correct OID for EDQM standard terms" with status "Closed". Last event (2017-11-15T15:29:22):
Solved by the loading of the new MVC 2.2.2
- Issue 190 " correct OID for EDQM standard terms" with status "Closed". Last event (2017-11-15T15:30:03):
Solved by the loading of the new MVC 2.2.2
- Issue 191 "correct OID for EDQM standard terms" with status "Closed". Last event (2017-11-15T15:28:50):
Solved by the loading of the new MVC 2.2.2
- Issue 192 "revert to original IHE template" with status "Feedback needed". Last event (2017-07-18T22:54:41):
suggest to close issue, after discussion.
- Issue 193 "empty template ID" with status "Closed". Last event (2017-07-18T22:53:14):
change implemented
- Issue 194 "template editor does not open" with status "Closed". Last event (2017-07-18T23:10:05):
problem does not occur anymore, I was able to edit the template. issue solved.

- Issue 195 "XML namespace for epSOS medication extensions" with status "Closed". Last event (2017-07-27T20:36:13):
 Changed to urn:epsos-org:ep:medication
- Issue 196 "Fix some Cx.EPSOS DT definitions" with status "Closed". Last event (2017-07-22T11:39:45):
 Apologies, this was a documentation error and not a definition error. The documentation has been updated to reflect the situation. Thanks for your patience.
- Issue 197 "allow for multiple entries" with status "Open". Last event (2017-07-27T18:25:13):
Finding:
 - cardinality of entry is 0..1
Suggestion:
 - change to 0..*
Further explanation:
 - good practice is to have one entry to contain one ProblemConcernAct, containing one Problem observation.
- Issue 198 "allow for multiple entries" with status "Closed". Last event (2017-07-27T18:28:34):
Finding:
 -section allows only 0..1 entry
Suggestion:
 - change to 0..*
Further explanation:
 - It is good practice that one entry contains one Act containing one Problem. So for multiple past illnesses we need multiple entries.
- Issue 199 "doseQuantity: value set binding for units" with status "Open". Last event (2017-07-27T20:46:38):
 I suggest to remove the requirement to have a unit attribute.
 a) in the present form it precludes the use of IVL_PQ (with low and/or high elements)
 b) In section 11.1.1.2.3. of the PDF spec for the case of "countable items" it is stated that "In this case, only the unit is specified, no units are specified." (which I prefer over the curly bracket kludge)
 c) the value set binding has to be discussed in the light of the option to use those curly brace expressions. Probably not CWE, so we get schematron warnings, but not errors.
- Issue 200 "value set for illnesses and disorders needs to be updated to four-digit ICD-10" with status "Closed". Last event (2017-07-27T21:54:44):
Finding:

- The current value set 1.3.6.1.4.1.12559.11.10.1.3.1.42.5 does not reflect the most recent version of MVC

Suggestion:

- should be updated to contain 4 -digit ICD codes

Further explanation:

-

- Issue 201 "Update to 4-char ICD" with status "Closed". Last event (2017-07-28T10:00:44):

Finding:

- Value set does not follow the updates in MVC

Suggestion:

- Suggest to update the value set.

Please clarify with Solution Provider Terminology Expert how to proceed...

Further explanation:

-

- Issue 202 "act.id conformance: not mandatory" with status "Closed". Last event (2017-08-01T18:32:51):

Finding:

- act.id is mandatory

Suggestion:

- change to 0..1 R

Further explanation:

- no reason to have it mandatory in base templates.

- Issue 203 "editorial change: clarification concerning ActCode codesystem" with status "Closed". Last event (2017-08-01T18:56:13):

Finding:

- Description doesn't make it clear that codeSystem IHEActCode (**1.3.5.1.4.1.19376.1.5.3.2**) must be used, and not generic HL7 ActCode (2.16.840.1.113883.5.4)

Suggestion:

- add text to clarify

Further explanation:

-

- Issue 204 "id cardinality should be 0..1" with status "Closed". Last event (2017-08-01T19:09:19):

Finding:

- id cardinality is 1..1 R

Suggestion:

- id cardinality should be 0..1 R

Further explanation:

-

- Issue 205 "id cardinality" with status "Open". Last event (2017-08-01T19:40:28):

Finding:

- is 1..1 R

Suggestion:

- should be 0..1 R

Further explanation:

-

- Issue 206 "Define a specialized template for the agent" with status "Open". Last event (2017-09-05T12:04:37):

Finding:

hl7:participant	0 ... *	C	<p>The substance that causes the allergy or intolerance shall be specified in the <participant> structure.</p> <p>The <code> element shall be present. It may contain a code and codeSystem attribute to indicate the code for the substance causing the allergy or intolerance. It shall contain a <reference> to the <originalText> in the narrative where the substance is named.</p> <p>Contains 2.16.840.1.113883.3.1937.777.11.10.134 <i>CDA Participant (Body)</i> (DYNAMIC)</p>
-----------------	---------	---	---

Suggestion:

A specialized template should be defined for the <participant> structure describing the substance that causes the allergy or intolerance

Further explanation:

-

- Issue 207 "Support for Multiple Active ingredient in ART-DECOR" with status "Closed". Last event (2017-10-12T16:00:00):

Yes, it looks like an error in the current IG version. In the original PDF spec under rule R4.3 we see that `manufacturedMaterial/ingredient/[@classCode='ACTI']/ingredient/name` is on the same level as `manufacturedMaterial/ingredient/[@classCode='ACTI']/ingredient/code`

Also, the levels of originalText and translation are strange. I believe they should be under manufacturedMaterial/ingredient/[@classCode='ACTI']/ingredient/code.

I changed the template, moving originalText and translation under code, and moving name to the same level as code.

- Issue 208 "Schema Error for draft element "hl7:desc" " with status "Closed". Last event (2017-10-27T16:22:22):

Solved by changing the namespace prefix from hl7 to epsos

- Issue 209 "Constraint applied to relatedDocument" with status "Open". Last event (2017-10-27T17:42:06):

Finding:

The CDA standard claims

"A conformant CDA document can have a single relatedDocument with typeCode "APND"; a single relatedDocument with typeCode "RPLC"; a single relatedDocument with typeCode "XFRM"; a combination of two relatedDocuments with typeCodes "XFRM" and "RPLC"; or a combination of two relatedDocuments with typeCodes "XFRM" and "APND"

No other combinations are allowed."

Suggestion:

This constraint is not captured by the current specifications.

Add an explicit assertion to check this.

Further explanation:

-

- Issue 210 "wrong cardinality of section/id" with status "In Progress". Last event (2017-10-28T00:14:23):

Finding:

- cardinality of id is 0..*

Suggestion:

- must be maximum 1.

Changed it to 0..1

Further explanation:

-

- Issue 211 "statusCode cardinality wrong" with status "Closed". Last event (2017-10-28T09:59:41):

Changed to 1..1

- Issue 212 "cardinality of manufacturedProduct" with status "In Progress". Last event (2017-10-28T00:34:51):

Finding:

- cardinality of manufacturedProduct must be less or equal 1

Suggestion:

- Changed to 0..1

Further explanation:

-

Test : CDATEMP005(Validation Level : FLATTEN_4 , Type : ERROR)

Location : //rules/template[14]/element[1]/element[16]/element[1]

CDALocation :

/hl7:substanceAdministration[hl7:templateId/@root='1.3.6.1.4.1.12559.11.10.1.3.1.3.2']/hl7:consumable/hl7:manufacturedProduct

Description : The maximum multiplicity SHALL be lower or equals to the maximum multiplicity from the model [CDATEMP-005]

- Issue 213 "can not have more than one legalAuthenticator" with status "Closed". Last event (2017-10-28T10:02:51):
If an artefact is locked but no longer used (e.g. if somebody opened the editor and simply clicked it away instead of through the save or cancel buttons) the locks can be deleted by any project author through the Project -> Status tab.

The cardinality has been changed to 1..1

- Issue 214 "Base Standard Validation" with status "Open". Last event (2017-10-29T10:18:19):

Finding:

- When <let> used, it shall not contains circular references to other <let> elements [HL7TEMP-045]

Suggestion:

- more information needed.

Further explanation:

-

- Issue 215 "effectiveTime maximum multiplicity " with status "Open". Last event (2017-10-29T10:25:38):

Finding:

- effectiveTime has cardinality 1..*

Suggestion:

-The maximum multiplicity SHALL be lower or equals to the maximum multiplicity from the CDA model [CDATEMP-005]

Further explanation:

-
- Issue 216 "text: maximum multiplicity" with status "In Progress". Last event (2017-10-29T10:28:05):
 - Finding:**
 - text cardinality is 1...*
 - Suggestion:**
 - The maximum multiplicity SHALL be lower or equals to the maximum multiplicity from the CDA model [CDATEMP-005]
 - Further explanation:**
 -
- Issue 217 "effectiveTime maximum multiplicity" with status "In Progress". Last event (2017-10-29T10:29:16):
 - Finding:**
 - effectiveTime is 1..*
 - Suggestion:**
 - The maximum multiplicity SHALL be lower or equals to the maximum multiplicity from the CDA model [CDATEMP-005]
 - Further explanation:**
 -
- Issue 218 "substanceAdministration maximum multiplicity" with status "In Progress". Last event (2017-10-29T10:59:30):
 - Finding:**
 - substanceAdministration maximum multiplicity is *
 - Suggestion:**
 - The maximum multiplicity SHALL be lower or equals to the maximum multiplicity from the CDA model [CDATEMP-005]
 - Further explanation:**
 -
- Issue 219 "Constraints for custodian organization" with status "Open". Last event (2017-10-29T12:50:15):
 - Finding:**
 - The cardinality of custodian telecom is 0..* here, while it is constrained to 0..1 in the CDA Spec for custodian Organization. Moreover, ID is mandatory for Custodian organisation.
 - Suggestion:**
 - cannot use the generic Organization template here. Adapt to additional constraints, specific for custodian organization.
 - Further explanation:**
 -

-
- Issue 220 "see epsos-issue-219" with status "Open". Last event (2017-10-29T11:11:27):
 - Finding:**
 -
 - Suggestion:**
 -
 - Further explanation:**
 -
- Issue 221 "can not have more than one legalAuthenticator" with status "In Progress". Last event (2017-10-29T11:12:4):
 - Finding:**
 -
 - Suggestion:**
 -
 - Further explanation:**
 -
- Issue 222 "fix cardinality" with status "In Progress". Last event (2017-10-29T11:19:01):
 - Finding:**
 - cardinality is 0..*
 - Suggestion:**
 - The maximum multiplicity SHALL be lower or equals to the maximum multiplicity from the CDA model [CDATEMP-005]
 - Further explanation:**
 -
- Issue 223 "fix cardinality" with status "Open". Last event (2017-10-29T11:22:06):
 - Finding:**
 - Test :** CDATEMP005(Validation Level : FLATTEN_4 , Type : ERROR)
 - Location :** //rules/template[31]/element[1]/element[10]/element[1]/element[3]
 - CDALocation :**
 - /hl7:substanceAdministration[hl7:templateId/@root='1.3.6.1.4.1.19376.1.5.3.1.4.12']/hl7:consumable/hl7:manufacturedProduct/hl7:manufacturedMaterial
 - Description :** The maximum multiplicity SHALL be lower or equals to the maximum multiplicity from the

model [CDATEMP-005] **Suggestion:**

-

Further explanation:

-

- Issue 224 "fix cardinality" with status "In Progress". Last event (2017-10-29T11:25:08):

Finding:

-**Test :** CDATEMP005(Validation Level : FLATTEN_4 , Type : ERROR)

Location : //rules/template[36]/element[1]/element[6]

CDALocation : /hl7:observation[hl7:templateId/@root='1.3.6.1.4.1.19376.1.5.3.1.4.13.5']/hl7:effectiveTime

Description : The maximum multiplicity SHALL be lower or equals to the maximum multiplicity from the model [CDATEMP-005] **Suggestion:**

-

Further explanation:

-

- Issue 225 "custodian org, see epsos-issue-219" with status "Open". Last event (2017-10-29T11:37:19):

Finding:

-

Suggestion:

-

Further explanation:

-

- Issue 226 "fix cardinality of status code" with status "In Progress". Last event (2017-10-29T11:42:29):

Finding:

-**Test :** CDATEMP005(Validation Level : FLATTEN_4 , Type : ERROR)

Location : //rules/template[42]/element[1]/element[5]

CDALocation : /hl7:act[hl7:templateId/@root='1.3.6.1.4.1.19376.1.5.3.1.4.3.1']/hl7:statusCode

Description : The maximum multiplicity SHALL be lower or equals to the maximum multiplicity from the model [CDATEMP-005] **Suggestion:**

-

Further explanation:

-

- Issue 227 "custodian org, see epsos-issue-219" with status "Open". Last event (2017-10-29T11:44:51):

Finding:

-

Suggestion:

-

Further explanation:

-

- Issue 228 "custodian org, see epsos-issue-219" with status "Open". Last event (2017-10-29T11:49:48):

Finding:

-

Suggestion:

-

Further explanation:

-

- Issue 229 "custodian org, see epsos-issue-219" with status "Open". Last event (2017-10-29T11:57:11):

Finding:

-

Suggestion:

-

Further explanation:

-

- Issue 230 "custodian org, see epsos-issue-219" with status "Open". Last event (2017-10-29T11:57:27):

Finding:

-

Suggestion:

-

Further explanation:

-

- Issue 231 "participant: duplication of levels " with status "Open". Last event (2017-10-29T12:03:51):

Finding:

- The contains statement produces a duplication of the participant element (nesting).

Suggestion:

- replace "contains" by "include"?

Further explanation:

-

- Issue 232 "participant duplication - see epsos-issue-231" with status "Open". Last event (2017-10-29T12:07:07):

Finding:

-

Suggestion:

-

Further explanation:

-

- Issue 233 "Value Set differs from original normative CDA Spec" with status "Open". Last event (2017-10-30T13:56:4

sorry. The referenced value set is 2.16.840.1.113883.1.11.10901. And apparently it contains concepts that were not present in the original CDA vocabulary.

The base standards validation complains:

Test : CDATEMP019(Validation Level : FLATTEN_VOCAB , Type : FATALERROR)

Location : //rules/template[14]/element[1]/element[18]/attribute[1]

CDA Location

: /hl7:substanceAdministration[hl7:templateId/@root='1.3.6.1.4.1.12559.11.10.1.3.1.3.2']/hl7:participant/@typeCode

Description : When a valueset is specified, and the referenced attribute is an enumeration, the content of the valueset shall be a restriction of the referenced attribute [CDATEMP-019]

- Issue 234 "The maximum multiplicity SHALL be lower or equals to the maximum multiplicity from the CDA model [CDATEMP-005]" with status "Closed". Last event (2017-10-31T08:55:15):

I won't take any action on this:


The template I changed (2.16.840.1.113883.3.1937.777.11.10.111) is the generic epSOS CDA Organization, used for all kinds of Organizations.

The bug was that Custodian should have a specialized template, more restrictive than the generic one.

		<p>one that you changed.</p> <ul style="list-style-type: none"> Issue 235 "hl7:assignedPerson contains twice the element hl7:name" with status "In Progress". Last event (2017-10-30): <p>The hl7:assignedPerson has a containment and an "overriding" inline definition. This is illegal. It should be either a containment or an overriding.</p> <p>For the hl7:representedOrganization our recommendation is to name the representedOrganization element and the inline definition (rather than contain).</p> <p>The same should be done for hl7:assignedPerson if appropriate.</p> <ul style="list-style-type: none"> Issue 236 "Relaxation of constraints for EntryAllergyAndIntolerance template" with status "Open". Last event (2017-11-03T11:18:21): <p>Finding:</p> <ul style="list-style-type: none"> - In the Template EntryAllergyAndIntolerance [1.3.6.1.4.1.19376.1.5.3.1.4.6] in ART-DECOR the hl7:id element is not consistent with the inheritance from the template Problem [1.3.6.1.4.1.19376.1.5.3.1.4.5] - The template EntryAllergyAndIntolerance inherits from the template Problem, the template EntryAllergyAndIntolerance says that hl7:id is 0..* , however the template Problem says that hl7:id is 1..1. This is not permitted to relax constraints. <p>Suggestion:</p> <ul style="list-style-type: none"> - Change the EntryAllergyAndIntolerance template and make the id a 1 .. 1 (with a conformant cardinality) <p>Further explanation:</p> <ul style="list-style-type: none"> -
2015-11-07 15:17:27	Dr. Kai U. Heitmann	<p>Official Release: 2014</p> <p>Intermediate release before changes during the EXPAND update and review project: Formalization of epSOS Patient Summary, ePrescription and eDispensation documents using ART-DECOR</p>
2014-02-28	Dr. Kai U. Heitmann (Nictiz)	Corrected several templates that contained illegal spaces in OIDs or codes
2013-12-03	Alexander Henket (Nictiz)	Review version for Giorgio Cangioli
2013-06-09	Alexander Henket (Nictiz)	Extended data set, vocabulary, templates
2013-06-04	Tessa van Stijn (Nictiz)	Added scenario and HL7 templates
2013-05-30	Maarten Ligtvoet (Nictiz)	First concept of the epSOS decor file for demonstration purposes
2013-05-30	Elze de Groot (Nictiz)	Added data set and vocabulary


3 Data Sets (generic)


3.1 epSOS Data Set 2013-05-30



Name	Id
 epSOS Data Set	
Version / effective date	Expiration date


Description


This data set represents the full data set as developed in the EU programme epSOS.


Name	Details
  Patient Data	epsos-dataelement-5

Id	epsos-dataelement-5 (2013-05-31)
Description	Information about the patient
 Used by	10 transactions, one template, inherited 0 times

  Identification	epsos-dataelement-6
--	---------------------

Id	epsos-dataelement-6 (2013-05-31)
Description	Country ID, unique for the patient in that country. Example: ID for United Kingdom patient
 Used by	8 transactions, one template, inherited 0 times


 National Health Care patient ID (country of affiliation)	epsos-dataelement-7
--	---------------------


Id	epsos-dataelement-7 (2013-05-31)
Description	Country ID from the country of origin, unique for the patient in that country. Example: ID for United Kingdom patient
Value Domain	Identifier
Example	NL-Burgerservicenummer 999999512
Example	UK-NHS Number 943 476 5919
 Used by	8 transactions, one template, inherited 0 times

 National Health Care patient ID (country of treatment)	epsos-dataelement-234
--	-----------------------

Id	epsos-dataelement-234 (2013-11-25 12:03:28)
Description	Country ID given in the country of treatment, unique for the patient in that country. Identifier that identifies that patient within the country B eHealth Infrastructure.

Value Domain Identifier


 Used by 3 transactions, one template, inherited 0 times



 Other Identifier epsos-dataelement-235

Id epsos-dataelement-235 (2013-11-25 12:06:30)

Description Other identifiers than the national health care patient IDs from either the country of affiliation or the country of treatment

Value Domain Identifier



 Used by 5 transactions, one template, inherited 0 times

  Personal Information epsos-dataelement-8

Id epsos-dataelement-8 (2013-05-31)


Description Personal information about the patient


 Used by 8 transactions, one template, inherited 0 times

  Full Name epsos-dataelement-9

Id epsos-dataelement-9 (2013-05-31)

Description The full name of the patient

 Used by 8 transactions, one template, inherited 0 times

 Given name epsos-dataelement-12

Id epsos-dataelement-12 (2013-05-31)

Description The Name of the patient (Example: John). This field can contain more than one element

Value Domain String

Example John

 Used by 8 transactions, one template, inherited 0 times


 Family Name/Surname epsos-dataelement-13


Id epsos-dataelement-13 (2013-05-31)


Description This field can containe more than one element.


Value Domain String



Example	Español Smith
Used by	8 transactions, one template, inherited 0 times


 Prefix	epsos-dataelement-263
Id	epsos-dataelement-263 (2013-11-27 11:44:16)
Value Domain	String
Used by	5 transactions, one template, inherited 0 times



 Suffix	epsos-dataelement-264
Id	epsos-dataelement-264 (2013-11-27 11:44:29)
Value Domain	String
Used by	5 transactions, 0 templates, inherited 0 times


 Date of Birth	epsos-dataelement-10
Id	epsos-dataelement-10 (2013-05-31)
Description	The date of birth of the patient. This field may contain only the year if day and month are not available
Value Domain	Date
Property	<div style="border: 1px solid gray; padding: 5px;"> <p>Timestamp precision</p> <p>day, month and year</p> </div>
Example	091/01/2009
Used by	8 transactions, one template, inherited 0 times


 Gender	epsos-dataelement-11
Id	epsos-dataelement-11 (2013-05-31)
Description	It must contained a recognized valid value for this field.
Value Domain	Code
Choice list	<div style="border: 1px solid gray; padding: 5px;"> <p style="text-align: center;">Concept List</p> <hr/> <p>Value Set <i>epSOSAdministrativeGender</i> (version DYNAMIC)</p> </div>
Example	M
Used by	8 transactions, one template, inherited 0 times


  Contact Information epsos-dataelement-26


Id	epsos-dataelement-26 (2013-06-03)
Description	Contact information of the patient, including information of the contacts of the patient.
 Used by	5 transactions, one template, inherited 0 times


  Address epsos-dataelement-27


Id	epsos-dataelement-27 (2013-06-03)
Description	Address of the patient
 Used by	5 transactions, one template, inherited 0 times


 Street epsos-dataelement-51












Id	epsos-dataelement-51 (2013-06-04)
Description	Name of street where the patient lives
Value Domain	String
Example	Oxford
 Used by	5 transactions, one template, inherited 0 times












 Number of Street epsos-dataelement-52

Id	epsos-dataelement-52 (2013-06-04)
Description	House number where the patient lives
Value Domain	String
Example	221
 Used by	5 transactions, one template, inherited 0 times

 City epsos-dataelement-55

Id	epsos-dataelement-55 (2013-06-04)
Description	City where the patient lives
Value Domain	String
Example	London
 Used by	5 transactions, one template, inherited 0 times

 Postal Code		epsos-dataelement-53
Id	epsos-dataelement-53 (2013-06-04)	
Description	Postal code where the patient lives	
Value Domain	String	
Example	W1W 8LG	
 Used by	5 transactions, one template, inherited 0 times	
 State or Province		epsos-dataelement-56
Id	epsos-dataelement-56 (2013-06-04)	
Description	State or province where the patient lives	
Value Domain	String	
Example	London	
 Used by	5 transactions, one template, inherited 0 times	
 Country		epsos-dataelement-54
Id	epsos-dataelement-54 (2013-06-04)	
Description	Country where the patient lives	
Value Domain	String	
Example	UK	
 Used by	5 transactions, one template, inherited 0 times	
  Telecom		epsos-dataelement-300
Id	epsos-dataelement-300 (2013-11-27 16:52:13)	
Description	Telecommunication addresses of the patient	
 Used by	5 transactions, one template, inherited 0 times	
 Telephone No		epsos-dataelement-28
Id	epsos-dataelement-28 (2013-06-03)	
Description	Telephone number of the patient	
Value Domain	String	
Example	+45 20 7025 6161	
 Used by	5 transactions, one template, inherited 0 times	

 Email	epsos-dataelement-29
Id	epsos-dataelement-29 (2013-06-03)
Description	Email address of the patient
Value Domain	String
Example	jens@hotmail.com
 Used by	5 transactions, one template, inherited 0 times
  Preferred HP to contact	epsos-dataelement-30
Id	epsos-dataelement-30 (2013-06-03)
Description	Preferred Health Professional to contact. A foreign HP may need a contact (HP/legal organization) who knows the patient
 Used by	5 transactions, one template, inherited 0 times
  Full Name	epsos-dataelement-46
Id	epsos-dataelement-46 (2013-06-03)
Description	Name of the HP/name of the legal organization. If it is an HP, the structure of the name will be the same as described in 'Full name' (Given name, family name/surname)
 Used by	5 transactions, one template, inherited 0 times
 Given Name	epsos-dataelement-47
Id	epsos-dataelement-47 (2013-06-03)
Description	The Name of the HP (Example: John). This field can contain more than one element
Value Domain	String
Example	John
 Used by	5 transactions, one template, inherited 0 times
 Family Name/Surname	epsos-dataelement-48
Id	epsos-dataelement-48 (2013-06-03)
Description	This field can contain more than one element.
Value Domain	String
Example	Español Smith

 Used by 5 transactions, one template, inherited 0 times

 Prefix

epsos-dataelement-265

Id epsos-dataelement-265 (2013-11-27 11:44:48)

Value Domain String

 Used by 5 transactions, 0 templates, inherited 0 times


 Suffix

epsos-dataelement-266

Id epsos-dataelement-266 (2013-11-27 11:45:03)

Value Domain String

 Used by 5 transactions, 0 templates, inherited 0 times

 Telephone No

epsos-dataelement-41

Id epsos-dataelement-41 (2013-06-03)

Description Telephone number of the HP/name of the legal organization

Value Domain String

Example +45 20 7025 6161

 Used by 5 transactions, one template, inherited 0 times

 Email

epsos-dataelement-43

Id epsos-dataelement-43 (2013-06-03)

Description Email address of the HP/name of the legal organization

Value Domain String


 Used by 5 transactions, one template, inherited 0 times


  Legal Organization to contact

epsos-dataelement-31


Id epsos-dataelement-31 (2013-06-03)


Description Legal organization to contact about patient. A foreign HP may need a contact (HP/legal organization) who knows the patient


 Used by one transaction, one template, inherited 0 times


 Organization Name


epsos-dataelement-33



Id epsos-dataelement-33 (2013-06-03)
 Description Name of the organization
 Value Domain String
 Used by one transaction, one template, inherited 0 times


 Telephone No epsos-dataelement-49


Id epsos-dataelement-49 (2013-06-03)
 Description Telephone number of the organization
 Value Domain String
 Example +45 20 7025 6161
 Used by one transaction, one template, inherited 0 times

 Email epsos-dataelement-50

Id epsos-dataelement-50 (2013-06-03)
 Description Email address of the organization
 Value Domain String
 Used by one transaction, one template, inherited 0 times

  Contact Person/legal guardian epsos-dataelement-34

Id epsos-dataelement-34 (2013-06-03)
 Description Contact or guardian of the patient
 Used by 2 transactions, 2 templates, inherited 0 times


 Role of that person epsos-dataelement-35

Id epsos-dataelement-35 (2013-06-03)
 Description The role of the person: contact person or legal guardian
 Value Domain Code

Choice list

Concept List			
Concept	Synonyms	Description	Assigned references
Contact Person			code "CON" (Contact) from code system "RoleClass" code "ECON" (Emergency contact) from code system "RoleClass"
Legal			code "GUARD" (Legal guardian) from code system

Guardian	"RoleClass"
----------	-------------


 Used by 2 transactions, one template, inherited 0 times

Full Name

epsos-dataelement-36

Id epsos-dataelement-36 (2013-06-03)

Description Full name of the contact person or guardian

 Used by 2 transactions, one template, inherited 0 times

Given Name

epsos-dataelement-37

Id epsos-dataelement-37 (2013-06-03)

Description The Name of the person (Example: John). This field can contain more than one element

Value Domain String

Example John

 Used by 2 transactions, 2 templates, inherited 0 times

Family Name/Surname

epsos-dataelement-38

Id epsos-dataelement-38 (2013-06-03)

Description This field can contain more than one element.

Value Domain String

Example Español Smith

 Used by 2 transactions, 2 templates, inherited 0 times

Prefix

epsos-dataelement-267

Id epsos-dataelement-267 (2013-11-27 11:45:27)

Value Domain String

 Used by 2 transactions, 0 templates, inherited 0 times


Suffix


epsos-dataelement-268


Id epsos-dataelement-268 (2013-11-27 11:45:39)


Value Domain String


 Used by 2 transactions, 0 templates, inherited 0 times

 Telephone No epsos-dataelement-39

Id	epsos-dataelement-39 (2013-06-03)
Description	Telephone number of the person
Value Domain	String
Example	+45 20 7025 6161
 Used by	2 transactions, 2 templates, inherited 0 times



 Email epsos-dataelement-40


Id	epsos-dataelement-40 (2013-06-03)
Description	Email address of the person
Value Domain	String
 Used by	2 transactions, one template, inherited 0 times


 Return date epsos-dataelement-127


Id	epsos-dataelement-127 (2013-09-26 13:59:15)
Description	Estimated date of return to country A
Value Domain	Date
Property	



Timestamp precision
at least day, month and year


  Insurance Information epsos-dataelement-14

Id	epsos-dataelement-14 (2013-05-31)
Description	Information about the insurance of the patient
 Used by	2 transactions, 0 templates, inherited 0 times


 Insurance Number epsos-dataelement-15



Id	epsos-dataelement-15 (2013-05-31)
Description	European Health Insurance Code (EHIC) number of the patient
Value Domain	Identifier
Example	QQ 12 34 56 A
 Used by	2 transactions, 0 templates, inherited 0 times



  Clinical Data epsos-dataelement-16


Id	epsos-dataelement-16 (2013-05-30)
Description	Clinical information of the patient
 Used by	6 transactions, one template, inherited 0 times



  Alerts epsos-dataelement-197


Id	epsos-dataelement-197 (2013-10-24 11:47:59)
 Used by	one transaction, 0 templates, inherited 0 times


  Allergy epsos-dataelement-204

Id	epsos-dataelement-204 (2013-10-24 11:49:17)
Concept inherits from	 <i>epsos-dataelement-58</i> (2013-05-31)
Description	Allergies and intolerances
 Used by	one transaction, 0 templates, inherited 0 times

 Allergy description epsos-dataelement-205

Id	epsos-dataelement-205 (2013-10-24 11:49:34)
Concept inherits from	 <i>epsos-dataelement-68</i> (2013-05-31)
Description	Description of the clinical manifestation of the allergy reaction. Example: Anaphylactic shock, angioedema (the clinical manifestation also gives information about the severity of the observed reaction)
Value Domain	String
 Used by	one transaction, 0 templates, inherited 0 times

 Allergy code epsos-dataelement-206


Id	epsos-dataelement-206 (2013-10-24 11:49:34)
Concept inherits from	 <i>epsos-dataelement-69</i> (2013-05-31)
Description	The code of the allergy
Value Domain	Code

Choice list

Concept List
Value Set <i>epSOSReactionAllergy</i> (version DYNAMIC)
Value Set <i>epSOSAdverseEventType</i> (version DYNAMIC)

 Used by

one transaction, 0 templates, inherited 0 times

 Onset Date epsos-dataelement-207

Id epsos-dataelement-207 (2013-10-24 11:49:34)

Concept inherits from  *epsos-dataelement-70* (2013-05-31)

Description Date when the allergy started


Value Domain Date

Property


Timestamp precision
at least day, month and year

 Used by

one transaction, 0 templates, inherited 0 times

 Agent description epsos-dataelement-208

Id epsos-dataelement-208 (2013-10-24 11:49:34)


Concept inherits from  *epsos-dataelement-71* (2013-05-31)

Description Describes the agent (drug, food, chemical agent, etc) that is responsible for the adverse reaction

Value Domain String

 Used by

one transaction, 0 templates, inherited 0 times

 Agent Code epsos-dataelement-209

Id epsos-dataelement-209 (2013-10-24 11:49:34)

Concept inherits from  *epsos-dataelement-72* (2013-05-31)

Description The code of the allergen agent

Value Domain Code

Choice list

Concept List
Value Set <i>epSOSAllergenNoDrugs</i> (version DYNAMIC)
Value Set <i>epSOSWHO-ATC</i> (version DYNAMIC)

 Used by one transaction, 0 templates, inherited 0 times

  Medical Alert Information

epsos-dataelement-214


Id epsos-dataelement-214 (2013-10-24 14:15:28)

Description Other alerts not included in allergies

Comment

The field “alerts” was originally defined to include all the important and objective medical information that should be highlighted (such as allergies, thrombosis risk, immune deficit ...etc). When defining the content only allergies and intolerance to drugs appear to be the common understanding and the easiest to be transferred.

A lot of surveys are being made in different countries (not only in Europe) to make a more evidence-based definition of what should be represented and should not by the concept “alerts”, hence not enough information could be provided to take a further decision. As epSOS’s intention was not to duplicate information, this shall not be repeated. Alerts are difficult to represent since they are contextual. Alerts may be represented as severe or life-threatening allergies or other adverse reactions. Another area are certain selected procedures and implanted devices. The section Allergies and Other Adverse Reactions contains the medical alerts as well, based on the severity, and their representation becomes a Country B choice.

 Used by one transaction, 0 templates, inherited 0 times

 Health Care Alert code

epsos-dataelement-216

Id epsos-dataelement-216 (2013-10-24 14:19:45)

Description The code of the health care alert

Value Domain Code

 Used by one transaction, 0 templates, inherited 0 times

 Health Care Alert description

epsos-dataelement-215


Id epsos-dataelement-215 (2013-10-24 14:17:25)



Description Medical Alert Information: any other clinical information that is imperative to know so that the life or health of the patient does not come under threat

Value Domain String

Example intolerance to aspirin due to gastrointestinal bleeding

Example intolerance to captopril because of cough (the patient is not allergic to captopril but can't tolerate it because of persistent cough)

 Used by one transaction, 0 templates, inherited 0 times

  History of Past Illness

epsos-dataelement-192

Id epsos-dataelement-192 (2013-10-24 11:30:02)
 Used by one transaction, one template, inherited 0 times

Problem/Diagnosis epsos-dataelement-222

Id epsos-dataelement-222 (2013-10-24 14:22:16)
 Concept inherits from epsos-dataelement-83 (2013-05-31)
 Comment
 Used by one transaction, one template, inherited 0 times

Problem/diagnosis Description epsos-dataelement-223

Id epsos-dataelement-223 (2013-10-24 14:23:02)
 Concept inherits from epsos-dataelement-84 (2013-05-31)
 Description Problems or diagnosis not included under the definition of ‘Current problems or diagnosis’. Example: hepatic cyst (the patient has been treated with an hepatic cystectomy that solved the problem and therefore it’s a closed problem)
 Value Domain String
 Used by one transaction, one template, inherited 0 times

Problem/diagnosis Id (Code) epsos-dataelement-224

Id epsos-dataelement-224 (2013-10-24 14:23:02)
 Concept inherits from epsos-dataelement-85 (2013-05-31)
 Description Normalized identifier
 Value Domain Code
 Choice list
 Used by one transaction, one template, inherited 0 times

Concept List

Value Set *epSOSIllnessesandDisorders* (version DYNAMIC)

Problem Status epsos-dataelement-306

Id epsos-dataelement-306 (2013-10-24 14:23:02)
 Concept inherits from epsos-dataelement-305 (2013-11-28 16:40:53)

Value Domain


Code

Choice list

Concept List
Value Set <i>epSOSStatusCode</i> (version DYNAMIC)

 Used by

one transaction, one template, inherited 0 times

 **Problem Severity** epsos-dataelement-302

Id

epsos-dataelement-302 (2013-10-24 14:23:02)

Concept inherits from

 *epsos-dataelement-301* (2013-11-28)

Value Domain


Code

Choice list

Concept List
Value Set <i>epSOSSeverity</i> (version DYNAMIC)

 Used by

one transaction, one template, inherited 0 times

 **Onset Time** epsos-dataelement-225

Id

epsos-dataelement-225 (2013-10-24 14:23:02)

Concept inherits from

 *epsos-dataelement-86* (2013-05-31)

Description


Date of problem onset

Value Domain

Date

 Used by


one transaction, one template, inherited 0 times

 **End date** epsos-dataelement-226

Id

epsos-dataelement-226 (2013-10-24 14:23:02)

Concept inherits from

 *epsos-dataelement-174* (2013-10-16 14:07:46)

Description

Problem resolution date

Value Domain


Date



Property

Timestamp precision
at least day, month and year

 Used by



one transaction, one template, inherited 0 times


 **Resolution Circumstances** epsos-dataelement-227

Id	epsos-dataelement-227 (2013-10-24 14:23:02)
Concept inherits from	 epsos-dataelement-175 (2013-10-16 14:09:33)
Description	Describes the reason by which the problem changed the status from current to inactive (e.g. surgical procedure, medical treatment, etc). This field includes 'free text' if the resolution circumstances are not already included in other fields. Example: It can happen that this field is already included in other like Surgical Procedure, medical device etc, eg: hepatic cystectomy (this will be the 'Resolution Circumstances' for the problem 'hepatic cyst' and will be included in surgical procedures)
Value Domain	String
 Used by	one transaction, one template, inherited 0 times



  Vaccination


epsos-dataelement-217

Id	epsos-dataelement-217 (2013-10-24 14:21:37)
Concept inherits from	 epsos-dataelement-167 (2013-09-27)
 Used by	one transaction, 0 templates, inherited 0 times



 Vaccine brand name

epsos-dataelement-218

Id	epsos-dataelement-218 (2013-10-24 14:22:00)
Concept inherits from	 epsos-dataelement-168 (2013-09-27 11:27:51)
Description	Brand name of the vaccination
Value Domain	String
 Used by	one transaction, 0 templates, inherited 0 times

 Vaccine description



epsos-dataelement-219


Id	epsos-dataelement-219 (2013-10-24 14:22:00)
Concept inherits from	 epsos-dataelement-171 (2013-09-27 11:29:50)
Description	Description of the vaccine
Value Domain	String
 Used by	one transaction, 0 templates, inherited 0 times



 Vaccine code


epsos-dataelement-220



Id	epsos-dataelement-220 (2013-10-24 14:22:00)
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Concept inherits from	 <i>epsos-dataelement-170</i> (2013-09-27 11:29:18)
Description	The code of the vaccine
Value Domain	Code
Choice list	<div style="border: 1px solid #ccc; padding: 5px;"> <div style="text-align: center; background-color: #f0f0f0; padding: 2px;">Concept List</div> <hr style="border: 0.5px solid black;"/> <div style="background-color: #f0e0ff; padding: 2px;">Value Set <i>epSOSVaccine</i> (version DYNAMIC)</div> </div>
 Used by	one transaction, 0 templates, inherited 0 times



	Vaccination date	epsos-dataelement-221
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Id	epsos-dataelement-221 (2013-10-24 14:22:00)
Concept inherits from	 <i>epsos-dataelement-169</i> (2013-09-27 11:28:23)
Description	The date the vaccination was done
Value Domain	Date
Property	<div style="border: 1px solid #ccc; padding: 5px;"> <div style="text-align: center; background-color: #f0f0f0; padding: 2px;">Timestamp precision</div> <div style="padding: 2px;">at least day, month and year</div> </div>
 Used by	one transaction, 0 templates, inherited 0 times



	Surgical Procedure	epsos-dataelement-210
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Id	epsos-dataelement-210 (2013-10-24 13:42:06)
Concept inherits from	 <i>epsos-dataelement-1</i> (2013-05-31)
 Used by	one transaction, 0 templates, inherited 0 times



	Procedure description	epsos-dataelement-211
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Id	epsos-dataelement-211 (2013-10-24 13:42:21)
Concept inherits from	 <i>epsos-dataelement-3</i> (2013-05-31)
Description	Describes the type of procedure that has been executed as part of the healthcare event.
Value Domain	String
Example	Colonoscopy
 Used by	one transaction, 0 templates, inherited 0 times


	Procedure Id (code)	epsos-dataelement-212
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Id	epsos-dataelement-212 (2013-10-24 13:42:21)
Concept inherits from	 epsos-dataelement-2 (2013-05-31)
Description	Normalized identifier
Value Domain	Code
Choice list	<div style="border: 1px solid #ccc; padding: 5px;"> <div style="text-align: center; background-color: #f0f0f0; padding: 2px;">Concept List</div> <hr/> <div style="background-color: #f0e6ff; padding: 2px;">Value Set <i>epSOSProcedures</i> (version DYNAMIC)</div> </div>
Example	73761001
 Used by	one transaction, 0 templates, inherited 0 times



	Procedure Date	epsos-dataelement-213
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Id	epsos-dataelement-213 (2013-10-24 13:42:21)
Concept inherits from	 epsos-dataelement-4 (2013-05-31)
Description	Date when procedure was performed
Value Domain	Date/time
Property	<div style="border: 1px solid #ccc; padding: 5px;"> <div style="text-align: center; background-color: #f0f0f0; padding: 2px;">Timestamp precision</div> <p style="text-align: center;">at least day, month and year</p> </div>
Example	02/14/2013
 Used by	one transaction, 0 templates, inherited 0 times

	Medical Problems	epsos-dataelement-82
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Id	epsos-dataelement-82 (2013-05-31)
 Used by	3 transactions, 0 templates, inherited 0 times

	Problem/Diagnosis	epsos-dataelement-228
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Id	epsos-dataelement-228 (2013-10-24 14:26:14)
Concept inherits from	 epsos-dataelement-83 (2013-05-31)
Comment	
 Used by	3 transactions, 0 templates, inherited 0 times


	Problem/diagnosis Description	epsos-dataelement-229
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Id epsos-dataelement-229 (2013-10-24 14:26:31)

Concept inherits from  epsos-dataelement-84 (2013-05-31)


Description Problems or diagnosis not included under the definition of ‘Current problems or diagnosis’. Example: hepatic cyst (the patient has been treated with an hepatic cystectomy that solved the problem and therefore it’s a closed problem)

Value Domain String

 Used by 3 transactions, 0 templates, inherited 0 times

 Problem/diagnosis Id (Code) epsos-dataelement-230

Id epsos-dataelement-230 (2013-10-24 14:26:31)

Concept inherits from  epsos-dataelement-85 (2013-05-31)


Description Normalized identifier

Value Domain Code

Choice list

Concept List
Value Set <i>epSOSIllnessesandDisorders</i> (version DYNAMIC)

 Used by 3 transactions, 0 templates, inherited 0 times

 Problem Status epsos-dataelement-307

Id epsos-dataelement-307 (2013-10-24 14:23:02)


Concept inherits from  epsos-dataelement-305 (2013-11-28 16:40:53)

Value Domain Code


Choice list

Concept List
Value Set <i>epSOSStatusCode</i> (version DYNAMIC)

 Used by 3 transactions, 0 templates, inherited 0 times

 Problem Severity epsos-dataelement-303

Id epsos-dataelement-303 (2013-10-24 14:23:02)

Concept inherits from  epsos-dataelement-301 (2013-11-28)

Value Domain Code

Choice list

Concept List
Value Set <i>epSOSSeverity</i> (version DYNAMIC)

 Used by

3 transactions, 0 templates, inherited 0 times

 Onset Time

epsos-dataelement-231

Id epsos-dataelement-231 (2013-10-24 14:26:31)

Concept inherits from  *epsos-dataelement-86* (2013-05-31)

Description Date of problem onset

Value Domain Date

 Used by

3 transactions, 0 templates, inherited 0 times

 End date

epsos-dataelement-232

Id epsos-dataelement-232 (2013-10-24 14:26:31)

Concept inherits from  *epsos-dataelement-174* (2013-10-16 14:07:46)

Description Problem resolution date

Value Domain Date

Property

Timestamp precision
at least day, month and year

 Used by

one transaction, 0 templates, inherited 0 times

 Resolution Circumstances

epsos-dataelement-233

Id epsos-dataelement-233 (2013-10-24 14:26:31)


Concept inherits from  *epsos-dataelement-175* (2013-10-16 14:09:33)

Description Describes the reason by which the problem changed the status from current to inactive (e.g. surgical procedure, medical treatment, etc). This field includes ‘free text’ if the resolution circumstances are not already included in other fields. Example: It can happen that this field is already included in other like Surgical Procedure, medical device etc, eg: hepatic cystectomy (this will be the ‘Resolution Circumstances’ for the problem ‘hepatic cyst’ and will be included in surgical procedures)

Value Domain String

 Used by


one transaction, 0 templates, inherited 0 times

 Surgical Procedure epsos-dataelement-188


Id epsos-dataelement-188 (2013-10-24 11:13:22)

Concept inherits from  *epsos-dataelement-1* (2013-05-31)

 Used by 2 transactions, 0 templates, inherited 0 times

 Procedure description epsos-dataelement-189


Id epsos-dataelement-189 (2013-10-24 11:17:39)


Concept inherits from  *epsos-dataelement-3* (2013-05-31)

Description Describes the type of procedure that has been executed as part of the healthcare event.


Value Domain String

Example Colonoscopy

 Used by 2 transactions, 0 templates, inherited 0 times

 Procedure Id (code) epsos-dataelement-190

Id epsos-dataelement-190 (2013-10-24 11:17:39)

Concept inherits from  *epsos-dataelement-2* (2013-05-31)

Description Normalized identifier


Value Domain Code


Choice list

Concept List

Value Set *epSOSProcedures* (version DYNAMIC)

Example 73761001

 Used by 2 transactions, 0 templates, inherited 0 times

 Procedure Date epsos-dataelement-191

Id epsos-dataelement-191 (2013-10-24 11:17:39)

Concept inherits from  *epsos-dataelement-4* (2013-05-31)

Description Date when procedure was performed

Value Domain Date/time



Property

Timestamp precision

at least day, month and year


Example 02/14/2013

 Used by 2 transactions, 0 templates, inherited 0 times

  Medical Devices and Implants epsos-dataelement-87

Id epsos-dataelement-87 (2013-05-31)


 Used by 2 transactions, one template, inherited 0 times


 Medical Devices and Implants Description epsos-dataelement-88

Id epsos-dataelement-88 (2013-05-31)

Description Describes the patient's implanted and external medical devices and equipment that their health status depends on. Includes devices as cardiac pacemakers, implantable defibrillator, prothesis, feromagnetic bone implants etc that are important to be known by HP.

Value Domain String

 Used by 2 transactions, one template, inherited 0 times

 Device Code epsos-dataelement-89

Id epsos-dataelement-89 (2013-05-31)


Description Normalized identifier


Value Domain Code

Choice list

Concept List

Value Set *epSOSMedicalDevices* (version DYNAMIC)



 Used by 2 transactions, one template, inherited 0 times

 Implant Date epsos-dataelement-90

Id epsos-dataelement-90 (2013-05-31)













Value Domain Date

 Used by 2 transactions, one template, inherited 0 times

  Treatments epsos-dataelement-128

Id epsos-dataelement-128 (2013-09-26 16:58:01)

 Used by 2 transactions, 0 templates, inherited 0 times

 Treatment description		epsos-dataelement-129
Id	epsos-dataelement-129 (2013-09-26 16:58:50)	
Description	Therapeutic treatment that does not include drugs (diet, physical excersize constraints etc)	
Value Domain	String	
 Used by	2 transactions, 0 templates, inherited 0 times	
 Treatment code		epsos-dataelement-130
Id	epsos-dataelement-130 (2013-09-26 17:00:20)	
Description	normalized identifier, concept code	
Value Domain	Code	
 Used by	2 transactions, 0 templates, inherited 0 times	
 Onset time		epsos-dataelement-131
Id	epsos-dataelement-131 (2013-09-26 17:01:28)	
Description	Date of treatment onset	
Value Domain	Date	
Property	<div style="border: 1px solid #ccc; padding: 5px; margin: 5px 0;"> <div style="background-color: #f0f0f0; padding: 2px; text-align: center;">Timestamp precision</div> <p>at least day, month and year</p> </div>	
 Used by	2 transactions, 0 templates, inherited 0 times	
  Care plan		epsos-dataelement-95
Id	epsos-dataelement-95 (2013-05-31)	
 Used by	2 transactions, 0 templates, inherited 0 times	
 Recommendations Description		epsos-dataelement-96
Id	epsos-dataelement-96 (2013-05-31)	
Description	Therapeutic recommendations that do not include drugs (diet, physical exercise constraints, etc.)	
Value Domain	String	
 Used by	2 transactions, 0 templates, inherited 0 times	
 Recommendations Id (code)		epsos-dataelement-97

Id epsos-dataelement-97 (2013-05-31)

Description Normalized identifier



Value Domain Code

Choice list

Concept List
Value Set <i>epSOSResolutionOutcome</i> (version DYNAMIC)
73761001

Example


 **Used by** 2 transactions, 0 templates, inherited 0 times


  **Disability or function** epsos-dataelement-98

Id epsos-dataelement-98 (2013-05-31)



There is an open issue with this item:
 ▪ epsos-issue-43: *Name of the concept* (Deferred)

 **Used by** 3 transactions, 0 templates, inherited 0 times


 **Invalidity description** epsos-dataelement-99

Id epsos-dataelement-99 (2013-05-31)

Description Need of the patient to be continuously assisted by third parties. Invalidation status may influence decisions about how to administer treatments

Value Domain String

 **Used by** 3 transactions, 0 templates, inherited 0 times

 **Invalidation code** epsos-dataelement-100

Id epsos-dataelement-100 (2013-05-31)




There is an open issue with this item:
 ▪ epsos-issue-84: *No Value Set for coding Invalidation* (Open)

Description Code that identifies the invalidity

Value Domain Code

Example 73761001

 **Onset time** epsos-dataelement-132

Id epsos-dataelement-132 (2013-09-26 17:03:54)

Description Date of invalidity onset

Value Domain Date

Property

Timestamp precision

at least day, month and year



Used by

3 transactions, 0 templates, inherited 0 times



Medication

epsos-dataelement-101

Id

epsos-dataelement-101 (2013-05-31)



Used by

5 transactions, one template, inherited 0 times



Prescription

epsos-dataelement-102

Id

epsos-dataelement-102 (2013-05-31)



Used by

4 transactions, 0 templates, inherited 0 times



Prescription identification

epsos-dataelement-134

Id

epsos-dataelement-134 (2013-09-27 10:48:19)

Description

Unique identification of the prescription

Value Domain

Identifier



Used by

4 transactions, 0 templates, inherited 0 times



Medicinal product code

epsos-dataelement-135

Id

epsos-dataelement-135 (2013-09-27 10:50:26)

Description

Code that identifies the medicinal product description

Value Domain

Code



Used by

4 transactions, one template, inherited 0 times



Date of issue of prescription

epsos-dataelement-136

Id

epsos-dataelement-136 (2013-09-27 10:51:52)

Description

Date when medicine has been prescribed

Value Domain

Date

Property


Timestamp precision


at least day, month and year





Used by


4 transactions, 0 templates, inherited 0 times


 Brand name epsos-dataelement-137


Id	epsos-dataelement-137 (2013-09-27 10:52:59)
Description	Original brand name of the medicine (in the language of the country in which the prescription was made)
Value Domain	String
 Used by	4 transactions, one template, inherited once


 Active ingredient epsos-dataelement-103

Id	epsos-dataelement-103 (2013-05-31)
Description	Substance that alone or in combination with one or more other ingredients produces the intended activity of a medicinal product.
Value Domain	String
Example	Paracetamol
 Used by	4 transactions, one template, inherited once

 Active ingredient code epsos-dataelement-104

Id	epsos-dataelement-104 (2013-05-31)
Description	Code that identifies the Active ingredient
Value Domain	Code
Choice list	<div style="border: 1px solid black; padding: 5px;"> <p style="text-align: center; background-color: #e0e0e0; margin: 0;">Concept List</p> <hr style="margin: 5px 0;"/> <p style="background-color: #f0e0ff; margin: 0;">Value Set <i>epSOSActiveIngredient</i> (version DYNAMIC)</p> </div>
 Used by	4 transactions, one template, inherited once

 Strength epsos-dataelement-105

Id	epsos-dataelement-105 (2013-05-31)
Description	The content of the active ingredient expressed quantitatively per dosage unit, per unit of volume or per unit of weight, according to the pharmaceutical dose form. Example: 500 mg per tablet
Value Domain	Quantity
Example	500 mg per tablet
 Used by	4 transactions, one template, inherited once



Medicinal product package size

epsos-dataelement-138

Id	epsos-dataelement-138 (2013-09-27 10:54:04)
Description	The size of the package prescribed
Value Domain	Count
Used by	4 transactions, one template, inherited once



Pharmaceutical dose form

epsos-dataelement-106

Id	epsos-dataelement-106 (2013-05-31)				
Description	It is the form in which a pharmaceutical product is presented in the medicinal product package (e.g. tablets, syrup)				
Value Domain	Code				
Choice list	<table border="1"> <thead> <tr> <th colspan="2">Concept List</th> </tr> </thead> <tbody> <tr> <td colspan="2">Value Set <i>epSOSDoseForm</i> (version DYNAMIC)</td> </tr> </tbody> </table>	Concept List		Value Set <i>epSOSDoseForm</i> (version DYNAMIC)	
Concept List					
Value Set <i>epSOSDoseForm</i> (version DYNAMIC)					
Example	tablets				
Example	syrup				
Used by	4 transactions, one template, inherited once				



Number of packages

epsos-dataelement-139


Id	epsos-dataelement-139 (2013-09-27 11:00:57)
Description	Number of boxes that have been prescribed
Value Domain	Quantity
Used by	4 transactions, 0 templates, inherited once




Number of units per intake

epsos-dataelement-107

Id	epsos-dataelement-107 (2013-05-31)
Description	The number of units per intake that the patient is taking (e.g. 1 tablet)
Comment	Posology has been defined from the functional point of view as containing these three components: number of units per intake, frequency of intakes and duration of treatment:(example: 1 unit/intake every 24 hours for a duration of 14 days. There has to be space for posology in free text with the possibility of a null flavor
Value Domain	Quantity
Example	1 tablet

 Used by 4 transactions, one template, inherited once

 Frequency of intakes epsos-dataelement-108

Id epsos-dataelement-108 (2013-05-31)


Description Frequency of intakes (per hours/day/month/ week..). Example: each 24 hours

Comment There has to be space for posology in free text with the possibility of a null flavor

Value Domain Quantity

Example each 24 hours

 Used by 4 transactions, one template, inherited once

 Duration of treatment epsos-dataelement-109


Id epsos-dataelement-109 (2013-05-31)

Comment There has to be space for posology in free text with the possibility of a null flavor

Value Domain Quantity

Example during 14 days

 Used by 4 transactions, one template, inherited 0 times


 Date of onset of treatment epsos-dataelement-110

Id epsos-dataelement-110 (2013-05-31)

Description Date when patient needs to start taking the medicine prescribed

Value Domain Date/time

 Used by 4 transactions, one template, inherited 0 times

 Route of administration epsos-dataelement-140

Id epsos-dataelement-140 (2013-09-27 11:05:39)


Description Indicates the part of the body through or into which, or the way in which, the medicinal product is intended to be introduced. In some cases a medicinal product can be intended for more than one route and/or method of administration.


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(EMEA/CHMP/ICH/168535/2005)

Value Domain Code


Choice list


Concept List
Value Set <i>epSOSRouteofAdministration</i> (version DYNAMIC)

 Used by 4 transactions, one template, inherited once

 Instructions to patient epsos-dataelement-141


Id epsos-dataelement-141 (2013-09-27 11:06:50)
Description The prescriber might give to the patient instructions; They must be presented in the original language.
Value Domain Text


 Used by 4 transactions, one template, inherited 0 times


 Advice to dispenser epsos-dataelement-142

Id epsos-dataelement-142 (2013-09-27 11:07:18)
Description The prescriber might give instructions to the dispenser. The information will be in the original language as automatic translation is not secure enough. To avoid legal and ethical issues to the dispenser, it should be wise to implement an option that allows the dispenser to decide, knowing that this data is available, whether he wants to consult it or not.
Value Domain String

 Used by 4 transactions, 0 templates, inherited 0 times

 Prescriber epsos-dataelement-236

Id epsos-dataelement-236 (2013-11-27 11:02:18)
 Used by 4 transactions, 0 templates, inherited 0 times


 Prescriber Profession epsos-dataelement-237


Id epsos-dataelement-237 (2013-11-27 11:03:07)
Value Domain Code

Choice list

Concept List
Value Set <i>epSOSHealthcareProfessionalRoles</i> (version DYNAMIC)

 Used by 4 transactions, 0 templates, inherited 0 times


 Prescriber Speciality epsos-dataelement-238

Id	epsos-dataelement-238 (2013-11-27 11:03:56)
Description	Some countries need the specialty of the prescriber for the epSOS ePrescription to be seen as valid. In the epSOS phase 1 ePrescription data set, this element is not basic (minimum), therefore not always filled in. The proposal is to define the specialty of the prescriber as a basic element, so it should be filled in, if available. As it could be that this information is not available in every country, null values should be allowed.
Value Domain	Code
 Used by	4 transactions, 0 templates, inherited 0 times



Timestamp of Prescribing


epsos-dataelement-239

Id	epsos-dataelement-239 (2013-11-27 11:04:21)
Description	Date/time the medication was prescribed
Value Domain	Date/time
Property	<div style="border: 1px solid gray; padding: 5px;"> <p style="text-align: center;">Timestamp precision</p> <p style="text-align: center;">at least day, month and year</p> </div>
 Used by	4 transactions, 0 templates, inherited 0 times



Prescriber Identification


epsos-dataelement-240

Id	epsos-dataelement-240 (2013-11-27 11:04:55)
Description	Unique identification of the prescriber
Value Domain	Identifier
 Used by	4 transactions, 0 templates, inherited 0 times



Prescriber Full Name

epsos-dataelement-241

Id	epsos-dataelement-241 (2013-11-27 11:05:18)
Description	The full name of the Health Professional
 Used by	4 transactions, 0 templates, inherited 0 times




Given Name

epsos-dataelement-242

Id	epsos-dataelement-242 (2013-11-27 11:05:49)
Description	The Name of the Prescriber (Example: John). This field can contain more than one element
Value Domain	String
Example	John

 Used by 4 transactions, 0 templates, inherited 0 times

 Family Name/Surname epsos-dataelement-243


Id epsos-dataelement-243 (2013-11-27 11:06:25)

Description This field can contain more than one element.

Value Domain String

Example Español Smith


 Used by 4 transactions, 0 templates, inherited 0 times

 Prefix epsos-dataelement-269

Id epsos-dataelement-269 (2013-11-27 11:45:59)

Value Domain String



 Used by 4 transactions, 0 templates, inherited 0 times

 Suffix epsos-dataelement-270

Id epsos-dataelement-270 (2013-11-27 11:46:17)


Value Domain String

 Used by 4 transactions, 0 templates, inherited 0 times

  Prescriber Telecom epsos-dataelement-282

Id epsos-dataelement-282 (2013-11-27 12:27:48)


 Used by 4 transactions, 0 templates, inherited 0 times

 Telephone No epsos-dataelement-280

Id epsos-dataelement-280 (2013-11-27 12:27:03)

Value Domain String



 Used by 4 transactions, 0 templates, inherited 0 times

 Email epsos-dataelement-281

Id epsos-dataelement-281 (2013-11-27 12:27:19)

Value Domain String


 Used by 4 transactions, 0 templates, inherited 0 times

  Prescriber Healthcare Facility epsos-dataelement-244

Id epsos-dataelement-244 (2013-11-27 11:09:08)

Description Information about the healthcare facility where the health professional works

 Used by 4 transactions, 0 templates, inherited 0 times


 Identifier epsos-dataelement-245

Id epsos-dataelement-245 (2013-11-27 11:09:42)

Description Unique identification of the healthcare facility

Value Domain Identifier

 Used by 4 transactions, 0 templates, inherited 0 times

 Name epsos-dataelement-246


Id epsos-dataelement-246 (2013-11-27 11:09:57)

Description Name of the healthcare facility

Value Domain String


Example St. Johns Hospital

 Used by 4 transactions, 0 templates, inherited 0 times

  Healthcare Facility Telecom epsos-dataelement-283

Id epsos-dataelement-283 (2013-11-27 12:28:21)


 Used by 4 transactions, 0 templates, inherited 0 times

 Telephone No epsos-dataelement-278


Id epsos-dataelement-278 (2013-11-27 12:24:25)



Value Domain String


 Used by 4 transactions, 0 templates, inherited 0 times


 Email epsos-dataelement-279


Id epsos-dataelement-279 (2013-11-27 12:24:51)


Value Domain String
 Used by 4 transactions, 0 templates, inherited 0 times


  Prescriber Credentialing Organization epsos-dataelement-290


Id epsos-dataelement-290 (2013-11-27 13:38:39)
 Description The organization which provided the credentialing for the prescriber
 Used by 4 transactions, 0 templates, inherited 0 times


 Identifier epsos-dataelement-291

Id epsos-dataelement-291 (2013-11-27 13:39:16)
 Description Unique identification of the organization which provided the credentialing for the prescriber
 Value Domain Identifier
 Used by 4 transactions, 0 templates, inherited 0 times


 Name epsos-dataelement-292

Id epsos-dataelement-292 (2013-11-27 13:39:55)
 Description The name of the organization which provided the credentialing for the prescriber
 Value Domain String
 Used by 4 transactions, 0 templates, inherited 0 times


  Dispense epsos-dataelement-143











Id epsos-dataelement-143 (2013-09-27 11:07:44)
 There is an open issue with this item:



- epsos-issue-39: *Element Indication* (Deferred)


 Description Information about dispensed medication
 Used by 3 transactions, 0 templates, inherited 0 times



 Dispense identification epsos-dataelement-165

Id epsos-dataelement-165 (2013-09-27 11:24:33)
 Description Unique identification of the dispensed medication
 Value Domain Identifier
 Used by 3 transactions, 0 templates, inherited 0 times

 Date of issue of dispense		epsos-dataelement-173
Id	epsos-dataelement-173 (2013-09-27 11:56:36)	
Description	Date when the medicine has been dispensed	
Value Domain	Date	
Property	<div style="border: 1px solid black; padding: 5px;"> <p style="text-align: center;">Timestamp precision</p> <p style="text-align: center;">at least day, month and year</p> </div>	
 Used by	3 transactions, 0 templates, inherited 0 times	
 Related Prescription		epsos-dataelement-162
Id	epsos-dataelement-162 (2013-09-27 11:23:03)	
Description	The ID of the prescription serving as the basis for the dispensation	
Value Domain	Identifier	
 Used by	3 transactions, 0 templates, inherited 0 times	
 Related Prescription Item		epsos-dataelement-299
Id	epsos-dataelement-299 (2013-11-27 15:46:07)	
Description	Identification of the item or medicine of the related prescription (country A) of the dispensed medicine. One prescription might contain more than one item or medicine. In the country where prescriptions contain just one item, then the prescription ID=Prescription ID item.	
Value Domain	String	
 Used by	2 transactions, 0 templates, inherited 0 times	
 Brand name		epsos-dataelement-172
Id	epsos-dataelement-172 (2013-09-27 11:55:24)	
Concept inherits from	 epsos-dataelement-137 (2013-09-27 10:52:59)	
Description	Original brand name of the medicine (in the language of the country in which the prescription was made)	
Value Domain	String	
 Used by	3 transactions, 0 templates, inherited 0 times	
 Active ingredient		epsos-dataelement-160


Id epsos-dataelement-160 (2013-09-27 11:21:54)
Concept inherits from  epsos-dataelement-103 (2013-05-31)
Description Substance that alone or in combination with one or more other ingredients produces the intended activity of a medicinal product.
Value Domain String
Example Paracetamol
 **Used by** 3 transactions, 0 templates, inherited 0 times



 **Active ingredient code** epsos-dataelement-159


Id epsos-dataelement-159 (2013-09-27 11:21:31)
Concept inherits from  epsos-dataelement-104 (2013-05-31)
Description Code that identifies the Active ingredient
Value Domain Code
Choice list
 **Used by** 3 transactions, 0 templates, inherited 0 times


Concept List


Value Set *epSOSActiveIngredient* (version DYNAMIC)


 **Strength** epsos-dataelement-156

Id epsos-dataelement-156 (2013-09-27 11:19:20)
Concept inherits from  epsos-dataelement-105 (2013-05-31)
Description The content of the active ingredient expressed quantitatively per dosage unit, per unit of volume or per unit of weight, according to the pharmaceutical dose form. Example: 500 mg per tablet
Value Domain Quantity
Example 500 mg per tablet
 **Used by** 3 transactions, 0 templates, inherited 0 times


 **Medicinal product package size** epsos-dataelement-158

Id epsos-dataelement-158 (2013-09-27 11:20:47)
Concept inherits from  epsos-dataelement-138 (2013-09-27 10:54:04)
Description The size of the package prescribed

Value Domain Count
 Used by 3 transactions, 0 templates, inherited 0 times

 Pharmaceutical dose form epsos-dataelement-154

Id epsos-dataelement-154 (2013-09-27 11:17:44)


Concept inherits from  *epsos-dataelement-106* (2013-05-31)


Description It is the form in which a pharmaceutical product is presented in the medicinal product package (e.g. tablets, syrup)

Value Domain Code


Choice list

Concept List	
Value Set <i>epSOSDoseForm</i> (version DYNAMIC)	
Example	tablets
Example	syrup

 Used by 3 transactions, 0 templates, inherited 0 times

 Route of administration epsos-dataelement-153

Id epsos-dataelement-153 (2013-09-27 11:17:25)

Concept inherits from  *epsos-dataelement-140* (2013-09-27 11:05:39)


Description
 Indicates the part of the body through or into which, or the way in which, the medicinal product is intended to be introduced. In some cases a medicinal product can be intended for more than one route and/or method of administration.


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Value Domain Code



Choice list


Concept List	
Value Set <i>epSOSRouteofAdministration</i> (version DYNAMIC)	



 Used by 3 transactions, 0 templates, inherited 0 times


 Number of packages epsos-dataelement-152



Id epsos-dataelement-152 (2013-09-27 11:16:30)


Concept inherits from	 epsos-dataelement-139 (2013-09-27 11:00:57)
Description	Number of boxes that have been prescribed
Value Domain	Quantity
 Used by	3 transactions, 0 templates, inherited 0 times

 Number of units per intake epsos-dataelement-151

Id	epsos-dataelement-151 (2013-09-27 11:16:10)
Concept inherits from	 epsos-dataelement-107 (2013-05-31)
Description	The number of units per intake that the patient is taking (e.g. 1 tablet)
Comment	Posology has been defined from the functional point of view as containing these three components: number of units per intake, frequency of intakes and duration of treatment:(example: 1 unit/intake every 24 hours for a duration of 14 days. There has to be space for posology in free text with the possibility of a null flavor
Value Domain	Quantity
Example	1 tablet
 Used by	3 transactions, 0 templates, inherited 0 times


 Frequency of intakes epsos-dataelement-150

Id	epsos-dataelement-150 (2013-09-27 11:15:17)
Concept inherits from	 epsos-dataelement-108 (2013-05-31)
Description	Frequency of intakes (per hours/day/month/ week..). Example: each 24 hours
Comment	There has to be space for posology in free text with the possibility of a null flavor
Value Domain	Quantity
Example	each 24 hours
 Used by	3 transactions, 0 templates, inherited 0 times

 Substitution epsos-dataelement-149

Id	epsos-dataelement-149 (2013-09-27 11:14:52)
Value Domain	Code
Choice list	<div style="background-color: #d3d3d3; text-align: center; padding: 2px;">Concept List</div> <hr style="border: 0; border-top: 1px solid #000; margin: 2px 0;"/> <div style="background-color: #f0e6ff; padding: 2px;">Value Set <i>epSOSSubstitutionCode</i> (version DYNAMIC)</div>


 Used by 3 transactions, 0 templates, inherited 0 times

 Duration of treatment epsos-dataelement-148

Id epsos-dataelement-148 (2013-09-27 11:13:14)

Value Domain Duration

 Used by 3 transactions, 0 templates, inherited 0 times

 Date of onset of treatment according to prescription epsos-dataelement-147


Id epsos-dataelement-147 (2013-09-27 11:11:54)

Description Date when the patient needs to start taking the medicine prescribed

Value Domain Date

Property
Timestamp precision
 at least day, month and year

 Used by 3 transactions, 0 templates, inherited 0 times

 Validity of prescription epsos-dataelement-146

Id epsos-dataelement-146 (2013-09-27 11:10:32)

Description Date of the end of the treatment or prescriptions where the end of treatment has expired

Value Domain Date

Property
Timestamp precision
 at least day, month and year

 Used by 3 transactions, 0 templates, inherited 0 times


 Date of onset of dispense epsos-dataelement-145


Id epsos-dataelement-145 (2013-09-27 11:09:52)

Description Date when the patient starts taking the medicine dispensed

Value Domain Date

Property
Timestamp precision
 at least day, month and year



 Used by 3 transactions, 0 templates, inherited 0 times

 Expected date of end of treatment epsos-dataelement-144

Id epsos-dataelement-144 (2013-09-27 11:08:29)
Description Expectation when the patient stops taking the medicine dispensed
Value Domain Date
Property


Timestamp precision
at least day, month and year

 **Used by** 3 transactions, 0 templates, inherited 0 times

  Dispenser epsos-dataelement-247

Id epsos-dataelement-247 (2013-11-27 11:33:04)


 **Used by** 3 transactions, 0 templates, inherited 0 times

 Timestamp of dispensing epsos-dataelement-248

Id epsos-dataelement-248 (2013-11-27 11:34:46)
Description Date/time the medication was dispensed
Value Domain Date/time
Property



Timestamp precision
at least day, month and year

 **Used by** 3 transactions, 0 templates, inherited 0 times

 Dispenser Identification epsos-dataelement-249















Id epsos-dataelement-249 (2013-11-27 11:35:25)
Description Unique identification of the dispenser
Value Domain Identifier


 **Used by** 3 transactions, 0 templates, inherited 0 times

  Dispenser Full Name epsos-dataelement-250

Id epsos-dataelement-250 (2013-11-27 11:36:33)


 **Used by** 3 transactions, 0 templates, inherited 0 times

 Given		epsos-dataelement-251
Id	epsos-dataelement-251 (2013-11-27 11:36:48)	
Value Domain	String	
 Used by	3 transactions, 0 templates, inherited 0 times	
 Family Name/Surname		epsos-dataelement-252
Id	epsos-dataelement-252 (2013-11-27 11:36:56)	
Value Domain	String	
 Used by	3 transactions, 0 templates, inherited 0 times	
 Prefix		epsos-dataelement-271
Id	epsos-dataelement-271 (2013-11-27 11:46:35)	
Value Domain	String	
 Used by	3 transactions, 0 templates, inherited 0 times	
 Suffix		epsos-dataelement-272
Id	epsos-dataelement-272 (2013-11-27 11:46:50)	
Value Domain	String	
 Used by	3 transactions, 0 templates, inherited 0 times	
  Dispenser Telecom		epsos-dataelement-287
Id	epsos-dataelement-287 (2013-11-27 12:30:01)	
 Used by	3 transactions, 0 templates, inherited 0 times	
 Telephone No		epsos-dataelement-288
Id	epsos-dataelement-288 (2013-11-27 12:30:34)	
Value Domain	Count	
 Used by	3 transactions, 0 templates, inherited 0 times	
 Email		epsos-dataelement-289
Id	epsos-dataelement-289 (2013-11-27 12:30:44)	

Value Domain String
 Used by 3 transactions, 0 templates, inherited 0 times


  Dispenser Healthcare Facility

epsos-dataelement-253

Id epsos-dataelement-253 (2013-11-27 11:37:14)
 Used by 3 transactions, 0 templates, inherited 0 times


 Identifier

epsos-dataelement-254

Id epsos-dataelement-254 (2013-11-27 11:37:32)
 Description Unique identification of the healthcare facility
 Value Domain Identifier
 Used by 3 transactions, 0 templates, inherited 0 times


 Name

epsos-dataelement-255

Id epsos-dataelement-255 (2013-11-27 11:37:55)
 Value Domain String
 Used by 3 transactions, 0 templates, inherited 0 times


  Address

epsos-dataelement-256

Id epsos-dataelement-256 (2013-11-27 11:38:16)
 Used by 3 transactions, 0 templates, inherited 0 times


 Street














epsos-dataelement-257


Id epsos-dataelement-257 (2013-11-27 11:39:11)
 Value Domain String
 Used by 3 transactions, 0 templates, inherited 0 times



 Number of Street


epsos-dataelement-258


Id epsos-dataelement-258 (2013-11-27 11:39:19)
 Value Domain String
 Used by 3 transactions, 0 templates, inherited 0 times


 City		epsos-dataelement-259
Id	epsos-dataelement-259 (2013-11-27 11:39:29)	
Value Domain	String	
 Used by	3 transactions, 0 templates, inherited 0 times	
 Postal Code		epsos-dataelement-260
Id	epsos-dataelement-260 (2013-11-27 11:39:37)	
Value Domain	String	
 Used by	3 transactions, 0 templates, inherited 0 times	
 State or Province		epsos-dataelement-261
Id	epsos-dataelement-261 (2013-11-27 11:39:47)	
Value Domain	String	
 Used by	3 transactions, 0 templates, inherited 0 times	
 Country		epsos-dataelement-262
Id	epsos-dataelement-262 (2013-11-27 11:39:58)	
Value Domain	String	
 Used by	3 transactions, 0 templates, inherited 0 times	
 Healthcare Facility Telecom		epsos-dataelement-284
Id	epsos-dataelement-284 (2013-11-27 12:29:02)	
 Used by	3 transactions, 0 templates, inherited 0 times	
 Telephone No		epsos-dataelement-285
Id	epsos-dataelement-285 (2013-11-27 12:29:20)	
Value Domain	String	
 Used by	3 transactions, 0 templates, inherited 0 times	
 Email		epsos-dataelement-286


Id epsos-dataelement-286 (2013-11-27 12:29:33)
 Value Domain String
 Used by 3 transactions, 0 templates, inherited 0 times


  Dispenser Credentialing Organization epsos-dataelement-293



Id epsos-dataelement-293 (2013-11-27 13:40:22)
 Description The organization which provided the credentialing for the dispenser
 Used by 3 transactions, 0 templates, inherited 0 times


 Identification epsos-dataelement-294


Id epsos-dataelement-294 (2013-11-27 13:41:16)
 Description Unique identification of the organization which provided the credentialing for the dispenser
 Value Domain Identifier
 Used by 3 transactions, 0 templates, inherited 0 times


 Name epsos-dataelement-295


Id epsos-dataelement-295 (2013-11-27 13:41:34)
 Description The name of the organization which provided the credentialing for the dispenser
 Value Domain String
 Used by 3 transactions, 0 templates, inherited 0 times

  Surgical Procedure epsos-dataelement-1

Id epsos-dataelement-1 (2013-05-31)
 Used by one transaction, one template, inherited 2 times

 Procedure description epsos-dataelement-3

Id epsos-dataelement-3 (2013-05-31)
 Description Describes the type of procedure that has been executed as part of the healthcare event.
 Value Domain String
 Example Colonoscopy
 Used by one transaction, one template, inherited 2 times

 Procedure Id (code) epsos-dataelement-2

Id epsos-dataelement-2 (2013-05-31)

Description Normalized identifier


Value Domain Code

Choice list

Concept List
Value Set <i>epSOSProcedures</i> (version DYNAMIC)

Example 73761001

 **Used by** one transaction, one template, inherited 2 times

 Procedure Date epsos-dataelement-4

Id epsos-dataelement-4 (2013-05-31)

Description Date when procedure was performed



Value Domain Date/time

Property

Timestamp precision
at least day, month and year


Example 02/14/2013


 **Used by** one transaction, one template, inherited 2 times

  Problem/Diagnosis epsos-dataelement-83

Id epsos-dataelement-83 (2013-05-31)

Comment


 **Used by** one transaction, one template, inherited 2 times










 Problem/diagnosis Description epsos-dataelement-84


Id epsos-dataelement-84 (2013-05-31)


Description Problems or diagnosis not included under the definition of ‘Current problems or diagnosis’. Example: hepatic cyst (the patient has been treated with an hepatic cystectomy that solved the problem and therefore it’s a closed problem)


Value Domain String



 **Used by** one transaction, one template, inherited 2 times


 Problem/diagnosis Id (Code) epsos-dataelement-85	
Id	epsos-dataelement-85 (2013-05-31)
Description	Normalized identifier
Value Domain	Code
Choice list	<div style="border: 1px solid black; padding: 5px;"> <div style="background-color: #e0e0e0; text-align: center; padding: 2px;">Concept List</div> <hr style="border: 0.5px solid black;"/> <div style="background-color: #f0e0ff; padding: 2px;">Value Set <i>epSOSIllnessesandDisorders</i> (version DYNAMIC)</div> </div>
 Used by	one transaction, one template, inherited 2 times
 Problem Status epsos-dataelement-305	
Id	epsos-dataelement-305 (2013-11-28 16:40:53)
Value Domain	Code
Choice list	<div style="border: 1px solid black; padding: 5px;"> <div style="background-color: #e0e0e0; text-align: center; padding: 2px;">Concept List</div> <hr style="border: 0.5px solid black;"/> <div style="background-color: #f0e0ff; padding: 2px;">Value Set <i>epSOSStatusCode</i> (version DYNAMIC)</div> </div>
 Used by	one transaction, one template, inherited 2 times
 Problem Severity epsos-dataelement-301	
Id	epsos-dataelement-301 (2013-11-28)
Value Domain	Code
Choice list	<div style="border: 1px solid black; padding: 5px;"> <div style="background-color: #e0e0e0; text-align: center; padding: 2px;">Concept List</div> <hr style="border: 0.5px solid black;"/> <div style="background-color: #f0e0ff; padding: 2px;">Value Set <i>epSOSSeverity</i> (version DYNAMIC)</div> </div>
 Used by	one transaction, one template, inherited 2 times
 Onset Time epsos-dataelement-86	
Id	epsos-dataelement-86 (2013-05-31)
Description	Date of problem onset
Value Domain	Date
 Used by	one transaction, 2 templates, inherited 2 times
 End date epsos-dataelement-174	
Id	epsos-dataelement-174 (2013-10-16 14:07:46)



Description	Problem resolution date
Value Domain	Date
Property	<div style="border: 1px solid gray; padding: 5px;"> <p style="text-align: center; background-color: #f0f0f0; margin: 0;">Timestamp precision</p> <p style="margin: 0;">at least day, month and year</p> </div>
 Used by	one transaction, 2 templates, inherited 2 times


 Resolution Circumstances epsos-dataelement-175



Id	epsos-dataelement-175 (2013-10-16 14:09:33)
Description	Describes the reason by which the problem changed the status from current to inactive (e.g. surgical procedure, medical treatment, etc). This field includes ‘free text’ if the resolution circumstances are not already included in other fields. Example: It can happen that this field is already included in other like Surgical Procedure, medical device etc, eg: hepatic cystectomy (this wil be the ‘Resolution Circumstances’ for the problem ‘hepatic cyst’ and will be included in surgical procedures)
Value Domain	String
 Used by	one transaction, one template, inherited 2 times


  Physical Findings epsos-dataelement-117


Id	epsos-dataelement-117 (2013-05-31)
 Used by	3 transactions, 0 templates, inherited 0 times

  Vital Signs Observations epsos-dataelement-118


Id	epsos-dataelement-118 (2013-05-31)
 Used by	3 transactions, one template, inherited 0 times


  Blood Pressure epsos-dataelement-119


Id	epsos-dataelement-119 (2013-05-31)
Description	One value of blood pressure which includes: systolic Blood Pressure and Diastolic Blood pressure
 Used by	3 transactions, one template, inherited 0 times


 Systolic Blood Pressure epsos-dataelement-120


Id	epsos-dataelement-120 (2013-05-31)
Terminology Association	This concept is represented by code "8480-6" (INTRAVASCULAR SYSTOLIC) from code system 2.16.840.1.113883.6.1 LOINC



Value Domain	Quantity
Property	<div style="border: 1px solid #ccc; padding: 5px;"> <div style="background-color: #f0f0f0; padding: 2px; display: inline-block; margin-bottom: 5px;">unit</div> mm[Hg] </div>
 Used by	3 transactions, one template, inherited 0 times


 Diastolic Blood Pressure epsos-dataelement-121



Id	epsos-dataelement-121 (2013-05-31)
Terminology Association	This concept is represented by code "8462-4" (INTRAVASCULAR DIASTOLIC) from code system 2.16.840.1.113883.6.1 LOINC
Value Domain	Quantity
Property	<div style="border: 1px solid #ccc; padding: 5px;"> <div style="background-color: #f0f0f0; padding: 2px; display: inline-block; margin-bottom: 5px;">unit</div> mm[Hg] </div>
 Used by	3 transactions, one template, inherited 0 times


 Date when blood pressure was measured epsos-dataelement-122


Id	epsos-dataelement-122 (2013-05-31)
Description	Date when blood pressure was measured
Value Domain	Date
Example	01/01/2010
 Used by	3 transactions, one template, inherited 0 times

  Diagnostic Tests epsos-dataelement-123

Id	epsos-dataelement-123 (2013-05-31)
 Used by	3 transactions, 0 templates, inherited 0 times

  Blood Group epsos-dataelement-124

Id	epsos-dataelement-124 (2013-05-31)
 Used by	3 transactions, 0 templates, inherited 0 times

 Result of Blood Group epsos-dataelement-125

Id	epsos-dataelement-125 (2013-05-31)
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Description Result from the blood group test made to the patient


Value Domain Code

Choice list

Concept List
Value Set <i>epSOSBloodGroup</i> (version DYNAMIC)

Example blood group A

 Used by 3 transactions, 0 templates, inherited 0 times

 Date epsos-dataelement-126

Id epsos-dataelement-126 (2013-05-31)

Description Date in which the blood group test was done. This field may contain only the year if day and month are not available. Eg: 01/01/2009



Value Domain Date

Property

Timestamp precision
day, month and year


Example 01/01/2009

 Used by 3 transactions, 0 templates, inherited 0 times

  Vaccination epsos-dataelement-167

Id epsos-dataelement-167 (2013-09-27)

 Used by 3 transactions, one template, inherited once


 Vaccine brand name epsos-dataelement-168

Id epsos-dataelement-168 (2013-09-27 11:27:51)

Description Brand name of the vaccination

Value Domain String

 Used by 3 transactions, one template, inherited once


 Vaccine description epsos-dataelement-171

Id epsos-dataelement-171 (2013-09-27 11:29:50)

Description Description of the vaccine

Value Domain String

 Used by 3 transactions, one template, inherited once

 Vaccine code epsos-dataelement-170

Id epsos-dataelement-170 (2013-09-27 11:29:18)

Description The code of the vaccine


Value Domain Code

Choice list

Concept List

Value Set *epSOSVaccine* (version DYNAMIC)

 Used by 3 transactions, one template, inherited once

 Vaccination date epsos-dataelement-169

Id epsos-dataelement-169 (2013-09-27 11:28:23)

Description The date the vaccination was done



Value Domain Date

Property

Timestamp precision


at least day, month and year


 Used by 3 transactions, one template, inherited once

  Allergy epsos-dataelement-58

Id epsos-dataelement-58 (2013-05-31)

Description Allergies and intolerances


 Used by 3 transactions, one template, inherited once


 Allergy description epsos-dataelement-68

Id epsos-dataelement-68 (2013-05-31)

Description Description of the clinical manifestation of the allergy reaction. Example: Anaphylactic shock, angioedema (the clinical manifestation also gives information about the severity of the observed reaction)

Value Domain String

 Used by 3 transactions, one template, inherited once

 Allergy code epsos-dataelement-69

Id epsos-dataelement-69 (2013-05-31)


Description The code of the allergy

Value Domain Code

Choice list

Concept List
Value Set <i>epSOSReactionAllergy</i> (version DYNAMIC)
Value Set <i>epSOSAdverseEventType</i> (version DYNAMIC)

 **Used by** 3 transactions, one template, inherited once

 Allergy Severity epsos-dataelement-304


Id epsos-dataelement-304 (2013-05-31)

Value Domain Code

Choice list

Concept List
Value Set <i>epSOSSeverity</i> (version DYNAMIC)

 **Used by** 3 transactions, one template, inherited 0 times

 Onset Date epsos-dataelement-70

Id epsos-dataelement-70 (2013-05-31)


Description Date when the allergy started

Value Domain Date

Property

Timestamp precision
at least day, month and year

 **Used by** 3 transactions, one template, inherited once



 Agent description epsos-dataelement-71



Id epsos-dataelement-71 (2013-05-31)



Description Describes the agent (drug, food, chemical agent, etc) that is responsible for the adverse reaction



Value Domain String



 **Used by** 3 transactions, one template, inherited once

 Agent Code		epsos-dataelement-72			
Id	epsos-dataelement-72 (2013-05-31)				
Description	The code of the allergen agent				
Value Domain	Code				
Choice list	<table border="1"> <thead> <tr> <th>Concept List</th> </tr> </thead> <tbody> <tr> <td>Value Set <i>epSOSAllergenNoDrugs</i> (version DYNAMIC)</td> </tr> <tr> <td>Value Set <i>epSOSWHO-ATC</i> (version DYNAMIC)</td> </tr> </tbody> </table>		Concept List	Value Set <i>epSOSAllergenNoDrugs</i> (version DYNAMIC)	Value Set <i>epSOSWHO-ATC</i> (version DYNAMIC)
Concept List					
Value Set <i>epSOSAllergenNoDrugs</i> (version DYNAMIC)					
Value Set <i>epSOSWHO-ATC</i> (version DYNAMIC)					
 Used by	3 transactions, one template, inherited once				


 Pregnancy History		epsos-dataelement-115
Id	epsos-dataelement-115 (2013-05-31)	
 Used by	3 transactions, one template, inherited 0 times	

 Expected date of delivery		epsos-dataelement-116		
Id	epsos-dataelement-116 (2013-05-31)			
Description	Date in which the woman is due to give birth. Year, day and month are required.			
Terminology Association	This concept is represented by code "11781-2" (Delivery US.composite.estimated) from code system 2.16.840.1.113883.6.1 LOINC			
Terminology Association	This concept is represented by code "11779-6" (Delivery date Estimated from last menstrual period) from code system 2.16.840.1.113883.6.1 LOINC			
Terminology Association	This concept is represented by code "11780-4" (Delivery date Estimated from ovulation) from code system 2.16.840.1.113883.6.1 LOINC			
Terminology Association	This concept is represented by code "11778-8" (Delivery date Clinical.estimated) from code system 2.16.840.1.113883.6.1 LOINC			
Value Domain	Date			
Property	<table border="1"> <tr> <td>Timestamp precision</td> </tr> <tr> <td>at least day, month and year</td> </tr> </table>		Timestamp precision	at least day, month and year
Timestamp precision				
at least day, month and year				
Example	01/01/2010			
 Used by	3 transactions, one template, inherited 0 times			

 Social History		epsos-dataelement-111
Id	epsos-dataelement-111 (2013-05-31)	
 Used by	3 transactions, one template, inherited 0 times	

  Social History Observations epsos-dataelement-112

Id epsos-dataelement-112 (2013-05-31)

 **Used by** 3 transactions, one template, inherited 0 times

 Social History Observations related to: smoke, alcohol and diet epsos-dataelement-113

Id epsos-dataelement-113 (2013-05-31)

Value Domain Code


Choice list


Concept List

Value Set *epSOSSocialHistory* (version DYNAMIC)

Example cigarette smoker

Example alcohol consumption


 **Used by** 3 transactions, one template, inherited 0 times



 Date range of observation epsos-dataelement-114

Id epsos-dataelement-114 (2013-05-31)

Value Domain String


Example 1974 to 2004


 **Used by** 3 transactions, 0 templates, inherited 0 times

  Document Data epsos-dataelement-62

Id epsos-dataelement-62 (2013-06-03)

Description Information about the document itself


 **Used by** 10 transactions, 0 templates, inherited 0 times



 Identification epsos-dataelement-176



Id epsos-dataelement-176 (2013-10-22 14:47:34)



Description Identification of the document


Value Domain Identifier

 **Used by** 5 transactions, one template, inherited 0 times

 Type		epsos-dataelement-296
Id	epsos-dataelement-296 (2013-11-27 14:10:56)	
Description	Type of the document	
Value Domain	Code	
Choice list	<div style="border: 1px solid black; padding: 5px;"> <p style="text-align: center; background-color: #e0e0e0; margin: 0;">Concept List</p> <hr style="border: 0.5px solid black; margin: 2px 0;"/> <p style="background-color: #f0e0ff; margin: 0;">Value Set <i>epSOSDocumentCode</i> (version DYNAMIC)</p> </div>	
 Used by	8 transactions, one template, inherited 0 times	

 Confidentiality		epsos-dataelement-297
Id	epsos-dataelement-297 (2013-11-27 14:11:34)	
Description	Confidentiality of the document as a whole	
Value Domain	Code	
Choice list	<div style="border: 1px solid black; padding: 5px;"> <p style="text-align: center; background-color: #e0e0e0; margin: 0;">Concept List</p> <hr style="border: 0.5px solid black; margin: 2px 0;"/> <p style="background-color: #f0e0ff; margin: 0;">Value Set <i>epSOSConfidentiality</i> (version DYNAMIC)</p> </div>	
 Used by	5 transactions, one template, inherited 0 times	

 Language		epsos-dataelement-298
Id	epsos-dataelement-298 (2013-11-27 14:12:11)	
Description	The principal language of the document	
Operationalization	The language code SHALL be in the form nn-CC. The nn portion SHALL be an ISO-639-1 language code in lower case derived by the Value Set epSOSLanguage. The CC portion SHALL be an ISO-3166 country code in upper case derived by the value Set epSOSCountry	
Value Domain	Code	
Example	English in United Kingdom en-GB	
Example	Dutch in The Netherlands nl-NL	
Example	Dutch in Belgium nl-BE	
Example	German in Germany de-DE	
Example	German in Austria de-AT	
 Used by	5 transactions, one template, inherited 0 times	

 Country A epsos-dataelement-63

Id epsos-dataelement-63 (2013-06-03)


Description Name of country A


Value Domain Code

Choice list

Concept List
Value Set <i>epSOSCountry</i> (version DYNAMIC)

Example United Kindom

 **Used by** 2 transactions, 0 templates, inherited 0 times

 Country B epsos-dataelement-179

Id epsos-dataelement-179 (2013-10-22 14:53:35)


Description Name of country B

Value Domain Code

Choice list

Concept List
Value Set <i>epSOSCountry</i> (version DYNAMIC)



 **Used by** 3 transactions, 0 templates, inherited 0 times

 Nature epsos-dataelement-186


Id epsos-dataelement-186 (2013-10-22 15:09:48)


Description Define the context in which it was generated. Distinguish among three methodological approaches to build the document: direct human intervention of a HP, automatically generated and mixed approach

Value Domain Code

  Topicality epsos-dataelement-64

Id epsos-dataelement-64 (2013-06-03)

 **Used by** 5 transactions, 0 templates, inherited 0 times

 Date Created epsos-dataelement-65


Id epsos-dataelement-65 (2013-06-03)

Description Date on which the document was generated


Value Domain Date/time

Property


Timestamp precision

	at least day, month and year
Example	01/01/2009
 Used by	5 transactions, one template, inherited 0 times


Date of Last Update epsos-dataelement-66

Id	epsos-dataelement-66 (2013-06-03)
Description	Date on which the document was updated (date of last version)
Value Domain	Date/time
Property	<div style="border: 1px solid gray; padding: 5px;"> <p style="text-align: center; background-color: #f0f0f0;">Timestamp precision</p> <p style="text-align: center;">at least day, month and year</p> </div>
Example	01/01/2012
 Used by	2 transactions, one template, inherited 0 times


Author epsos-dataelement-67

Id	epsos-dataelement-67 (2013-06-03)
Description	To highlight if the data is collected manually by an HP or is collected automatically from different sources (eg: hospital doctor repository, GPs...etc) through predetermined clinical rules.
 Used by	5 transactions, one template, inherited 0 times


Author Identification epsos-dataelement-22

Id	epsos-dataelement-22 (2013-06-03)
Description	Unique identification of the Health Professional.
Value Domain	Identifier
 Used by	5 transactions, one template, inherited 0 times

Author Full Name epsos-dataelement-19

Id	epsos-dataelement-19 (2013-06-03)
Description	The full name of the Health Professional
 Used by	5 transactions, one template, inherited 0 times


Given Name epsos-dataelement-20

Id	epsos-dataelement-20 (2013-06-03)
Description	The Name of the HP (Example: John). This field can contain more than one element
Value Domain	String
Example	John
 Used by	5 transactions, one template, inherited 0 times



Family Name/Surname


epsos-dataelement-21

Id	epsos-dataelement-21 (2013-06-03)
Description	This field can contain more than one element.
Value Domain	String
Example	Español Smith
 Used by	5 transactions, one template, inherited 0 times



Prefix


epsos-dataelement-273

Id	epsos-dataelement-273 (2013-11-27 11:47:15)
Value Domain	String
 Used by	4 transactions, one template, inherited 0 times



Suffix


epsos-dataelement-274














Id	epsos-dataelement-274 (2013-11-27 11:47:25)
Value Domain	String
 Used by	4 transactions, one template, inherited 0 times




Author Role


epsos-dataelement-180

Id	epsos-dataelement-180 (2013-10-22 14:55:03)
Description	Role or specialism the author was in when sending the document.
Value Domain	Code
Choice list	<div style="border: 1px solid black; padding: 5px;"> <p style="text-align: center; background-color: #e0e0e0; margin: 0;">Concept List</p> <hr style="border: 0; border-top: 1px solid black; margin: 2px 0;"/> <p style="background-color: #f0f0ff; margin: 0;">Value Set <i>epSOSHealthcareProfessionalRoles</i> (version DYNAMIC)</p> </div>
 Used by	2 transactions, one template, inherited 0 times


  Author Healthcare Facility	epsos-dataelement-23
Id	epsos-dataelement-23 (2013-06-03)
Description	Information about the healthcare facility where the health professional works
 Used by	3 transactions, 2 templates, inherited 0 times
 Identifier	epsos-dataelement-25
Id	epsos-dataelement-25 (2013-06-03)
Description	Unique identification of the healthcare facility
Value Domain	Identifier
 Used by	3 transactions, one template, inherited 0 times
 Name	epsos-dataelement-24
Id	epsos-dataelement-24 (2013-06-03)
Description	Name of the healthcare facility
Value Domain	String
Example	St. Johns Hospital
 Used by	3 transactions, one template, inherited 0 times
  Legal Entity	epsos-dataelement-177
Id	epsos-dataelement-177 (2013-10-22 14:49:20)
Description	Responsible for the data in the document
 Used by	2 transactions, 0 templates, inherited 0 times
 Health Professional ID	epsos-dataelement-185
Id	epsos-dataelement-185 (2013-10-22 15:04:01)
Description	Health professional ID responsible for the data in the document
Value Domain	Identifier
 Used by	2 transactions, 0 templates, inherited 0 times
 Healthcare Provider ID	epsos-dataelement-181
Id	epsos-dataelement-181 (2013-10-22 14:56:55)
Description	Legal organization ID responsible for the data in het document

Value Domain	Identifier
 Used by	2 transactions, 0 templates, inherited 0 times


Health Professional Full Name epsos-dataelement-275

Id	epsos-dataelement-275 (2013-11-27 11:48:33)
 Used by	one transaction, 0 templates, inherited 0 times


Given Name epsos-dataelement-183

Id	epsos-dataelement-183 (2013-10-22 14:59:02)
Description	Given name of the Health professional responsible for the data in the document
Value Domain	String
 Used by	one transaction, 0 templates, inherited 0 times


Family Name/Surname epsos-dataelement-184

Id	epsos-dataelement-184 (2013-10-22 15:02:05)
Description	Family name/Surname of the health professional responsible for the data in the document
Value Domain	String
 Used by	one transaction, 0 templates, inherited 0 times

Prefix epsos-dataelement-276

Id	epsos-dataelement-276 (2013-11-27 11:49:30)
Description	Prefix of the health professional responsible for the data in the document
Value Domain	String
 Used by	one transaction, 0 templates, inherited 0 times

Suffix epsos-dataelement-277

Id	epsos-dataelement-277 (2013-11-27 11:49:43)
Description	Suffix of the health professional responsible for the data in the document
Value Domain	String
 Used by	one transaction, 0 templates, inherited 0 times


Health Professional Role epsos-dataelement-182

Id epsos-dataelement-182 (2013-10-22 14:58:14)
Description Role the health professional is in while being responsible for the document data
Value Domain Code

Choice list

Concept List

Value Set *epSOSHealthcareProfessionalRoles* (version DYNAMIC)

 **Used by** 2 transactions, 0 templates, inherited 0 times

4 Scenarios

4.1 ● ePrescription (eP) (PDF embedded) 2017-11-21 10:26:49

□

● ePrescription (eP) (PDF embedded)

epsos-scenario-7

Version / effective date 2017-11-21 10:26:49

● → Request eP/Receive eP

epsos-transactions-30 [link](#)**Version / effective date** 2017-11-21 10:26:49

● → Request eP (PDF embedded) from country A

epsos-transactions-31 [link](#)**Version / effective date** 2017-11-21 10:26:49**Description** Please note that requesting something comes down to an IHE XCF/XCA Request. This is not modelled in this specification. Refer to the IHE Profile for details**Actor** Sender (organization) HP B
Receiver (organization) HP A**Associations** Data Set (for transaction) epSOS Data Set(2.16.840.1.113883.3.1937.777.11.1.1 / 2013-05-30)

● ← Return eP(PDF embedded) from country A

epsos-transactions-32 [link](#)**Version / effective date** 2017-11-21 10:26:49**Model** ClinicalDocument **Label** ePrescriptionL1**Actor** Sender (organization) HP A
Receiver (organization) HP B**Associations** Data Set (for transaction) epSOS Data Set(2.16.840.1.113883.3.1937.777.11.1.1 / DYNAMIC)
Template eHDSI-ePrescription PDF embedded (1.3.6.1.4.1.12559.11.10.1.3.1.1.6 / 2017-03-11 22:32:59)
XML overview eHDSI-ePrescription PDF embedded (1.3.6.1.4.1.12559.11.10.1.3.1.1.6 / 2017-03-11 22:32:59)

4.2 ● Patient Summary (PS) (PDF embedded) 2017-11-20 18:28:16

□

● Patient Summary (PS) (PDF embedded)

epsos-scenario-6

Version / effective date 2017-11-20 18:28:16

● → Request PS/Return PS

epsos-transactions-27 [link](#)**Version / effective date** 2017-11-20 18:28:16

● → Request PS (PDF embedded) of country A

epsos-transactions-28 [link](#)**Version / effective date** 2017-11-20 18:28:16**Description** Please note that requesting something comes down to an IHE XCF/XCA Request. This is not modelled

in this specification. Refer to the IHE Profile for details. Once the identity of the patient is validated, the HP of country B requests, with the consent of the patient (FR04), the PS of country A that can be visualized by HP interface

Trigger Consult PS (PDF Embedded) of country A

Dependencies Patient is identified, and has given consent

Actor Sender (organization) HP B
Receiver (organization) HP A

Associations Data Set (for transaction) epSOS Data Set(2.16.840.1.113883.3.1937.777.11.1.1 / DYNAMIC)

Contained concepts

  Return PS (PDF embedded) of country A epsos-transactions-29 [link](#)

Version / effective date 2017-11-20 18:28:16

Label PatientSummary_L1

Description HP A responds by sending the PS to HP B

Actor Sender (organization) HP A
Receiver (organization) HP B

Associations Data Set (for transaction) epSOS Data Set(2.16.840.1.113883.3.1937.777.11.1.1 / DYNAMIC)
Template eHDSI-Patient Summary PDF embedded (1.3.6.1.4.1.12559.11.10.1.3.1.1.7 / 2017-03-11 18:41:31)
XML overview eHDSI-Patient Summary PDF embedded (1.3.6.1.4.1.12559.11.10.1.3.1.1.7 / 2017-03-11 18:41:31)



Contained concepts

4.3 ePrescription (eP) 2013-11-02


 ePrescription (eP)

epsos-scenario-1

Version / effective date 2013-11-02

  Request eP/Receive eP epsos-transactions-17 [link](#)

Version / effective date 2013-11-02

  Request eP from country A epsos-transactions-18 [link](#)

Version / effective date 2013-11-02

Description Please note that requesting something comes down to an IHE XCF/XCA Request. This is not modelled in this specification. Refer to the IHE Profile for details

Actor Sender (organization) HP B
Receiver (organization) HP A

Associations Data Set (for transaction) epSOS Data Set(2.16.840.1.113883.3.1937.777.11.1.1 / DYNAMIC)

Contained concepts

  Return eP from country A epsos-transactions-19 [link](#)

Version / effective date 2013-11-02

Model ClinicalDocument **Label** ePrescription

Actor Sender (organization) HP A

Receiver (organization) HP B

Associations Data Set (for transaction) epSOS Data Set(2.16.840.1.113883.3.1937.777.11.1.1 / DYNAMIC)
 Template epSOS-ePrescription (1.3.6.1.4.1.12559.11.10.1.3.1.1.1 / 2013-12-20)
 XML overview epSOS-ePrescription (1.3.6.1.4.1.12559.11.10.1.3.1.1.1 / 2013-12-20)

Contained concepts

4.4 ● eDispensation (eD) 2013-11-02

□

● eDispensation (eD)

epsos-scenario-2

Version / effective date 2013-11-02

● → Send eD/Receive ACK

epsos-transactions-24 [link](#)

Version / effective date 2013-11-02

● → Send eD to country A

epsos-transactions-25 [link](#)

Version / effective date 2013-11-02

Model ClinicalDocument **Label** eDispensation

Actor Sender (organization) HP B
 Receiver (organization) HP A

Associations Data Set (for transaction) epSOS Data Set(2.16.840.1.113883.3.1937.777.11.1.1 / DYNAMIC)
 Template epSOS-eDispensation (1.3.6.1.4.1.12559.11.10.1.3.1.1.2 / 2013-12-20)
 XML overview epSOS-eDispensation (1.3.6.1.4.1.12559.11.10.1.3.1.1.2 / 2013-12-20)

Contained concepts

● ← Respond ACK

epsos-transactions-26 [link](#)

Version / effective date 2013-11-02

Description Please note that acknowledgements come down to an IHE XCF/XCA Response. This is not modelled in this specification. Refer to the IHE Profile for details

Actor Sender (organization) HP A
 Receiver (organization) HP B

Associations Data Set (for transaction) epSOS Data Set(2.16.840.1.113883.3.1937.777.11.1.1 / DYNAMIC)

4.5 ● Medication Related Overview (MRO) 2013-11-02

□

● Medication Related Overview (MRO)

epsos-scenario-4

Version / effective date 2013-11-02

● → Request/Return MRO

epsos-transactions-13 [link](#)

Version / effective date 2013-11-02

● → Request MRO

epsos-transactions-14 [link](#)

Version / effective date 2013-11-02

Description Please note that requesting something comes down to an IHE XCF/XCA Request. This is not modelled in this specification. Refer to the IHE Profile for details

Actor Sender (organization) HP B
Receiver (organization) HP A

Associations Data Set (for transaction) epSOS Data Set(2.16.840.1.113883.3.1937.777.11.1.1 / DYNAMIC)

Contained concepts



Return MRO

[epsos-transactions-23 link](#)

Version / effective date 2013-11-02

Model ClinicalDocument **Label** MedicationRelatedOverview

Actor Sender (organization) HP A
Receiver (organization) HP B

Associations Data Set (for transaction) epSOS Data Set(2.16.840.1.113883.3.1937.777.11.1.1 / DYNAMIC)
Template epSOS-Health Care Encounter Report (1.3.6.1.4.1.12559.11.10.1.3.1.1.4 / 2013-12-20)
XML overview epSOS-Health Care Encounter Report (1.3.6.1.4.1.12559.11.10.1.3.1.1.4 / 2013-12-20)

Contained concepts

4.6 ● Health Care Encounter Report (HCER) 2013-11-02

□

● Health Care Encounter Report (HCER)

[epsos-scenario-5](#)

Version / effective date 2013-11-02



Send HCER/Receive ACK

[epsos-transactions-20 link](#)

Version / effective date 2013-11-02



Send HCER to country A

[epsos-transactions-21 link](#)

Version / effective date 2013-11-02

Model ClinicalDocument **Label** HealthCareEncounterReport

Actor Sender (organization) HP B
Receiver (organization) HP A

Associations Data Set (for transaction) epSOS Data Set(2.16.840.1.113883.3.1937.777.11.1.1 / DYNAMIC)
Template epSOS-Medication Related Overview (1.3.6.1.4.1.12559.11.10.1.3.1.1.5 / 2013-12-20)
XML overview epSOS-Medication Related Overview (1.3.6.1.4.1.12559.11.10.1.3.1.1.5 / 2013-12-20)

Contained concepts



Respond ACK

[epsos-transactions-22 link](#)

Version / effective date 2013-11-02

Description Please note that acknowledgements come down to an IHE XCF/XCA Response. This is not modelled in this specification. Refer to the IHE Profile for details

Actor Sender (organization) HP A
Receiver (organization) HP B

Associations Data Set (for transaction) epSOS Data Set(2.16.840.1.113883.3.1937.777.11.1.1 / DYNAMIC)

4.7 ● Patient Summary (PS) 2012-05-02

The two use cases must be understood as an access to the PS.

1. an occasional visitor in country B, for example someone on holiday or attending a business meeting. The distinguishing characteristic is that this type of visit is irregular, infrequent, and may not be repeated. This is a type of incidental encounter where the health professional may have no previous record of the person seeking care.
2. the person is a regular visitor to country B, for example someone who lives in one country but works in another country. The distinguishing characteristic is that this type of visit is regular, frequent, and the person seeking care may be accustomed to using services in the country where he or she works as a matter of personal convenience. This is a type of occasional situation where the health professional may have some information available from previous encounters, therefore the patient could have a medical record locally stored in country B, and maybe a PS in country B plus in country A. If this is the case, both PSs should be available for the HP to be consulted.

□

● Patient Summary (PS)

epsos-scenario-3

Version / effective date 2012-05-02

Description The two use cases must be understood as an access to the PS.

1. an occasional visitor in country B, for example someone on holiday or attending a business meeting. The distinguishing characteristic is that this type of visit is irregular, infrequent, and may not be repeated. This is a type of incidental encounter where the health professional may have no previous record of the person seeking care.
2. the person is a regular visitor to country B, for example someone who lives in one country but works in another country. The distinguishing characteristic is that this type of visit is regular, frequent, and the person seeking care may be accustomed to using services in the country where he or she works as a matter of personal convenience. This is a type of occasional situation where the health professional may have some information available from previous encounters, therefore the patient could have a medical record locally stored in country B, and maybe a PS in country B plus in country A. If this is the case, both PSs should be available for the HP to be consulted.

● ⇌ Request PS/Return PS

epsos-transactions-1 [link](#)

Version / effective date 2012-05-02

Description HP B requests the PS from HP A

● → Request PS of country A

epsos-transactions-11 [link](#)

Version / effective date 2012-05-02

Description Please note that requesting something comes down to an IHE XCF/XCA Request. This is not modelled in this specification. Refer to the IHE Profile for details. Once the identity of the patient is validated, the HP of country B requests, with the consent of the patient (FR04), the PS of country A that can be visualized by HP interface

Trigger Consult PS of country A

Dependencies Patient is identified, and has given consent

Actor Sender (organization) HP B
Receiver (organization) HP A

Associations Data Set (for transaction) epSOS Data Set(2.16.840.1.113883.3.1937.777.11.1.1 / DYNAMIC)

Contained concepts

● ← Return PS of country A

epsos-transactions-12 [link](#)

Version / effective date 2012-05-02

Model ClinicalDocument **Label** PatientSummary

Description HP A responds by sending the PS to HP B

Actor Sender (organization) HP A
Receiver (organization) HP B

Associations Data Set (for transaction) epSOS Data Set(2.16.840.1.113883.3.1937.777.11.1.1 / DYNAMIC)
Template epSOS-Patient Summary (1.3.6.1.4.1.12559.11.10.1.3.1.1.3 / 2013-12-20)
XML overview epSOS-Patient Summary (1.3.6.1.4.1.12559.11.10.1.3.1.1.3 / 2013-12-20)

Contained concepts

5 Identifiers

5.1 Identifiers

As for now used for rendering purposes only.

5.1.1 ISO 639-1 1.0.639.1

Language	Display Name	Description
en-US	ISO 639-1	ISO 639-1
nl-NL	ISO 639-1	ISO 639-1

5.1.2 ISO 3166-1 1.0.3166.1

Language	Display Name	Description
en-US	ISO 3166-1	ISO 3166-1
nl-NL	ISO 3166-1	ISO 3166-1

5.1.3 IHEActCode 1.3.5.1.4.1.19376.1.5.3.2

Language	Display Name	Description
en-US	IHEActCode	IHEActCode
nl-NL	IHEActCode	IHEActCode

5.1.4 IHERoleCode 1.3.5.1.4.1.19376.1.5.3.3

Language	Display Name	Description
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en-US	IHERoleCode	IHERoleCode
nl-NL	IHERoleCode	IHERoleCode

5.1.5 epSOS ePrescription 1.3.6.1.4.1.12559.11.10.1.3.1.1.1

Language	Display Name	Description
en-US	epSOS ePrescription	Template-ID epSOS ePrescription
nl-NL	epSOS ePrescription	Template-ID epSOS ePrescription

5.1.6 epSOS eDispensation 1.3.6.1.4.1.12559.11.10.1.3.1.1.2

Language	Display Name	Description
en-US	epSOS eDispensation	Template-ID epSOS eDispensation
nl-NL	epSOS eDispensation	Template-ID epSOS eDispensation

5.1.7 epSOS Patient Summary 1.3.6.1.4.1.12559.11.10.1.3.1.1.3

Language	Display Name	Description
en-US	epSOS Patient Summary	Template-ID epSOS Patient Summary
nl-NL	epSOS Patient Summary	Template-ID epSOS Patient Summary

5.1.8 epSOS Medication Summary 1.3.6.1.4.1.12559.11.10.1.3.1.2.3

Language	Display Name	Description
en-US	epSOS Medication Summary	Template-ID epSOS Medication Summary
nl-NL	epSOS Medication Summary	Template-ID epSOS Medication Summary

5.1.9 Medicine Content Entry Module 1.3.6.1.4.1.12559.11.10.1.3.1.3.1

Language	Display Name	Description
en-US	Medicine Content Entry Module	Medicine Content Entry Module
nl-NL	Medicine Content Entry Module	Medicine Content Entry Module

5.1.10 epSOSSubstitutionCode 1.3.6.1.4.1.12559.11.10.1.3.1.42.7

Language	Display Name	Description
en-US	epSOSSubstitutionCode	Value Set epSOSSubstitutionCode
nl-NL	epSOSSubstitutionCode	Waardelijst epSOSSubstitutionCode

5.1.11 epSOSMedicalDevices 1.3.6.1.4.1.12559.11.10.1.3.1.42.8

Language	Display Name	Description
en-US	epSOSMedicalDevices	Value Set epSOSMedicalDevices
nl-NL	epSOSMedicalDevices	Waardelijst epSOSMedicalDevices

5.1.12 epSOSPregnancyInformation 1.3.6.1.4.1.12559.11.10.1.3.1.42.9

Language	Display Name	Description
en-US	epSOSPregnancyInformation	Value Set epSOSPregnancyInformation
nl-NL	epSOSPregnancyInformation	Waardelijst epSOSPregnancyInformation

5.1.13 epSOSProcedures 1.3.6.1.4.1.12559.11.10.1.3.1.42.10

Language	Display Name	Description
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en-US	epSOSProcedures	Value Set epSOSProcedures
nl-NL	epSOSProcedures	Waardelijst epSOSProcedures

5.1.14 epSOSReactionAllergy 1.3.6.1.4.1.12559.11.10.1.3.1.42.11

Language	Display Name	Description
en-US	epSOSReactionAllergy	Value Set epSOSReactionAllergy
nl-NL	epSOSReactionAllergy	Waardelijst epSOSReactionAllergy

5.1.15 epSOSRoutesofAdministration 1.3.6.1.4.1.12559.11.10.1.3.1.42.12

Language	Display Name	Description
en-US	epSOSRoutesofAdministration	Value Set epSOSRoutesofAdministration
nl-NL	epSOSRoutesofAdministration	Waardelijst epSOSRoutesofAdministration

5.1.16 epSOSSeverity 1.3.6.1.4.1.12559.11.10.1.3.1.42.13

Language	Display Name	Description
en-US	epSOSSeverity	Value Set epSOSSeverity
nl-NL	epSOSSeverity	Waardelijst epSOSSeverity

5.1.17 epSOSSocialHistory 1.3.6.1.4.1.12559.11.10.1.3.1.42.14

Language	Display Name	Description
en-US	epSOSSocialHistory	Value Set epSOSSocialHistory
nl-NL	epSOSSocialHistory	Waardelijst epSOSSocialHistory

5.1.18 epSOSStatusCode 1.3.6.1.4.1.12559.11.10.1.3.1.42.15

Language	Display Name	Description
en-US	epSOSStatusCode	Value Set epSOSStatusCode
nl-NL	epSOSStatusCode	Waardelijst epSOSStatusCode

5.1.19 epSOSUnits 1.3.6.1.4.1.12559.11.10.1.3.1.42.16

Language	Display Name	Description
en-US	epSOSUnits	Value Set epSOSUnits
nl-NL	epSOSUnits	Waardelijst epSOSUnits

5.1.20 epSOSUnknownInformation 1.3.6.1.4.1.12559.11.10.1.3.1.42.17

Language	Display Name	Description
en-US	epSOSUnknownInformation	Value Set epSOSUnknownInformation
nl-NL	epSOSUnknownInformation	Waardelijst epSOSUnknownInformation

5.1.21 epSOSVaccine 1.3.6.1.4.1.12559.11.10.1.3.1.42.18

Language	Display Name	Description
en-US	epSOSVaccine	Value Set epSOSVaccine
nl-NL	epSOSVaccine	Waardelijst epSOSVaccine

5.1.22 epSOSAllergenNoDrugs 1.3.6.1.4.1.12559.11.10.1.3.1.42.19

Language	Display Name	Description
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en-US	epSOSAllergenNoDrugs	Value Set epSOSAllergenNoDrugs
nl-NL	epSOSAllergenNoDrugs	Waardelijst epSOSAllergenNoDrugs

5.1.23 epSOSBloodGroup 1.3.6.1.4.1.12559.11.10.1.3.1.42.20

Language	Display Name	Description
en-US	epSOSBloodGroup	Value Set epSOSBloodGroup
nl-NL	epSOSBloodGroup	Waardelijst epSOSBloodGroup

5.1.24 epSOSBloodPressure 1.3.6.1.4.1.12559.11.10.1.3.1.42.21

Language	Display Name	Description
en-US	epSOSBloodPressure	Value Set epSOSBloodPressure
nl-NL	epSOSBloodPressure	Waardelijst epSOSBloodPressure

5.1.25 epSOSCodeNoMedication 1.3.6.1.4.1.12559.11.10.1.3.1.42.22

Language	Display Name	Description
en-US	epSOSCodeNoMedication	Value Set epSOSCodeNoMedication
nl-NL	epSOSCodeNoMedication	Waardelijst epSOSCodeNoMedication

5.1.26 epSOSCodeProb 1.3.6.1.4.1.12559.11.10.1.3.1.42.23

Language	Display Name	Description
en-US	epSOSCodeProb	Value Set epSOSCodeProb
nl-NL	epSOSCodeProb	Waardelijst epSOSCodeProb

5.1.27 epSOSResolutionOutcome 1.3.6.1.4.1.12559.11.10.1.3.1.42.24

Language	Display Name	Description
en-US	epSOSResolutionOutcome	Value Set epSOSResolutionOutcome
nl-NL	epSOSResolutionOutcome	Waardelijst epSOSResolutionOutcome

5.1.28 epSOSSections 1.3.6.1.4.1.12559.11.10.1.3.1.42.26

Language	Display Name	Description
en-US	epSOSSections	Value Set epSOSSections
nl-NL	epSOSSections	Waardelijst epSOSSections

5.1.29 epSOSCodedElements 1.3.6.1.4.1.12559.11.10.1.3.1.42.27

Language	Display Name	Description
en-US	epSOSCodedElements	Value Set epSOSCodedElements
nl-NL	epSOSCodedElements	Waardelijst epSOSCodedElements

5.1.30 epSOSVaccine 1.3.6.1.4.1.12559.11.10.1.3.1.42.28

Language	Display Name	Description
en-US	epSOSVaccine	Value Set epSOSVaccine
nl-NL	epSOSVaccine	Waardelijst epSOSVaccine

5.1.31 epSOSActCode 1.3.6.1.4.1.12559.11.10.1.3.1.42.29

Language	Display Name	Description
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en-US	epSOSActCode	Value Set epSOSActCode
nl-NL	epSOSActCode	Waardelijst epSOSActCode

5.1.32 epSOSResolutionOutcome 1.3.6.1.4.1.12559.11.10.1.3.1.42.30

Language	Display Name	Description
en-US	epSOSResolutionOutcome	Value Set epSOSResolutionOutcome
nl-NL	epSOSResolutionOutcome	Waardelijst epSOSResolutionOutcome

5.1.33 epSOSConfidentiality 1.3.6.1.4.1.12559.11.10.1.3.1.42.31

Language	Display Name	Description
en-US	epSOSConfidentiality	Value Set epSOSConfidentiality
nl-NL	epSOSConfidentiality	Waardelijst epSOSConfidentiality

5.1.34 epSOSDocumentCode 1.3.6.1.4.1.12559.11.10.1.3.1.42.32

Language	Display Name	Description
en-US	epSOSDocumentCode	Value Set epSOSDocumentCode
nl-NL	epSOSDocumentCode	Waardelijst epSOSDocumentCode

5.1.35 epSOSEntityNamePartQualifier 1.3.6.1.4.1.12559.11.10.1.3.1.42.33

Language	Display Name	Description
en-US	epSOSEntityNamePartQualifier	Value Set epSOSEntityNamePartQualifier
nl-NL	epSOSEntityNamePartQualifier	Waardelijst epSOSEntityNamePartQualifier

5.1.36 epSOSAdministrativeGender 1.3.6.1.4.1.12559.11.10.1.3.1.42.34

Language	Display Name	Description
en-US	epSOSAdministrativeGender	Value Set epSOSAdministrativeGender
nl-NL	epSOSAdministrativeGender	Waardelijst epSOSAdministrativeGender

5.1.37 IHEActCode 1.3.6.1.4.1.12559.11.10.1.3.1.42.35

Language	Display Name	Description
en-US	IHEActCode	Value Set IHEActCode
nl-NL	IHEActCode	Waardelijst IHEActCode

5.1.38 IHERoleCode 1.3.6.1.4.1.12559.11.10.1.3.1.42.36

Language	Display Name	Description
en-US	IHERoleCode	Value Set IHERoleCode
nl-NL	IHERoleCode	Waardelijst IHERoleCode

5.1.39 epSOSNullFavor 1.3.6.1.4.1.12559.11.10.1.3.1.42.37

Language	Display Name	Description
en-US	epSOSNullFavor	Value Set epSOSNullFavor
nl-NL	epSOSNullFavor	Waardelijst epSOSNullFavor

5.1.40 epSOSPersonalRelationship 1.3.6.1.4.1.12559.11.10.1.3.1.42.38

Language	Display Name	Description
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en-US	epSOSPersonalRelationship	Value Set epSOSPersonalRelationship
nl-NL	epSOSPersonalRelationship	Waardelijst epSOSPersonalRelationship

5.1.41 epSOSRoleClass 1.3.6.1.4.1.12559.11.10.1.3.1.42.39

Language	Display Name	Description
en-US	epSOSRoleClass	Value Set epSOSRoleClass
nl-NL	epSOSRoleClass	Waardelijst epSOSRoleClass

5.1.42 epSOSTelecommAddress 1.3.6.1.4.1.12559.11.10.1.3.1.42.40

Language	Display Name	Description
en-US	epSOSTelecommAddress	Value Set epSOSTelecommAddress
nl-NL	epSOSTelecommAddress	Waardelijst epSOSTelecommAddress

5.1.43 epSOSTimingEvent 1.3.6.1.4.1.12559.11.10.1.3.1.42.41

Language	Display Name	Description
en-US	epSOSTimingEvent	Value Set epSOSTimingEvent
nl-NL	epSOSTimingEvent	Waardelijst epSOSTimingEvent

5.1.44 epSOSURL 1.3.6.1.4.1.12559.11.10.1.3.1.42.42

Language	Display Name	Description
en-US	epSOSURL	Value Set epSOSURL
nl-NL	epSOSURL	Waardelijst epSOSURL

5.1.45 epSOSObservationInterpretation 1.3.6.1.4.1.12559.11.10.1.3.1.42.43

Language	Display Name	Description
en-US	epSOSObservationInterpretation	Value Set epSOSObservationInterpretation
nl-NL	epSOSObservationInterpretation	Waardelijst epSOSObservationInterpretation

5.1.46 epSOSActSite 1.3.6.1.4.1.12559.11.10.1.3.1.42.44

Language	Display Name	Description
en-US	epSOSActSite	Value Set epSOSActSite
nl-NL	epSOSActSite	Waardelijst epSOSActSite

5.1.47 epSOSMedicalEquipment 1.3.6.1.4.1.12559.11.10.1.3.1.42.45

Language	Display Name	Description
en-US	epSOSMedicalEquipment	Value Set epSOSMedicalEquipment
nl-NL	epSOSMedicalEquipment	Waardelijst epSOSMedicalEquipment

5.1.48 epSOSDisplayLabel 1.3.6.1.4.1.12559.11.10.1.3.1.42.46

Language	Display Name	Description
en-US	epSOSDisplayLabel	Value Set epSOSDisplayLabel
nl-NL	epSOSDisplayLabel	Waardelijst epSOSDisplayLabel

5.1.49 EDQM 1.3.6.1.4.1.12559.11.10.1.3.1.44.1

Language	Display Name	Description
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en-US	EDQM	EDQM
nl-NL	EDQM	EDQM

5.1.50 ICD-10 1.3.6.1.4.1.12559.11.10.1.3.1.44.2

Language	Display Name	Description
en-US	ICD-10	ICD-10
nl-NL	ICD-10	ICD-10

5.1.51 epSOSCodedElements 1.3.6.1.4.1.12559.11.10.1.3.1.44.3

Language	Display Name	Description
en-US	epSOSCodedElements	epSOSCodedElements
nl-NL	epSOSCodedElements	epSOSCodedElements

5.1.52 epSOSDisplayLabel 1.3.6.1.4.1.12559.11.10.1.3.1.44.4

Language	Display Name	Description
en-US	epSOSDisplayLabel	epSOSDisplayLabel
nl-NL	epSOSDisplayLabel	epSOSDisplayLabel

5.1.53 Template id IHE LanguageCommunication 1.3.6.1.4.1.19376.1.5.3.1.2.1

Language	Display Name	Description
en-US	Template id IHE LanguageCommunication	Template id IHE LanguageCommunication
nl-NL	Template id IHE LanguageCommunication	Template id IHE LanguageCommunication

5.1.54 *Template id for IHE Patient Contacts 1.3.6.1.4.1.19376.1.5.3.1.2.4*

Language	Display Name	Description
en-US	Template id for IHE Patient Contacts	Template id IHE Patient Contacts
nl-NL	Template id for IHE Patient Contacts	Template id IHE Patient Contacts

5.1.55 *Template id IHE History of Past Illness Section 1.3.6.1.4.1.19376.1.5.3.1.3.8*

Language	Display Name	Description
en-US	Template id IHE History of Past Illness Section	Template id IHE History of Past Illness Section
nl-NL	Template id IHE History of Past Illness Section	Template id IHE History of Past Illness Section

5.1.56 *Template id IHE List of Surgeries Section 1.3.6.1.4.1.19376.1.5.3.1.3.11*

Language	Display Name	Description
en-US	Template id IHE List of Surgeries Section	Template id IHE List of Surgeries Section
nl-NL	Template id IHE List of Surgeries Section	Template id IHE List of Surgeries Section

5.1.57 *Template id IHE Coded List of Surgeries Section 1.3.6.1.4.1.19376.1.5.3.1.3.12*

Language	Display Name	Description
en-US	Template id IHE Coded List of Surgeries Section	Template id IHE Coded List of Surgeries Section
nl-NL	Template id IHE Coded List of Surgeries Section	Template id IHE Coded List of Surgeries Section

5.1.58 *Template id IHE Allergies and Other Adverse Reactions Section 1.3.6.1.4.1.19376.1.5.3.1.3.13*

Language	Display Name	Description
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en-US	Template id IHE Allergies and Other Adverse Reactions Section	Template id IHE Allergies and Other Adverse Reactions Section
nl-NL	Template id IHE Allergies and Other Adverse Reactions Section	Template id IHE Allergies and Other Adverse Reactions Section

5.1.59 *Template id IHE Medications 1.3.6.1.4.1.19376.1.5.3.1.4.7*

Language	Display Name	Description
en-US	Template id IHE Medications	Template id IHE Medications
nl-NL	Template id IHE Medications	Template id IHE Medications

5.1.60 *Template id IHE Medication Administration Events (no processing) 1.3.6.1.4.1.19376.1.5.3.1.4.7.1*

Language	Display Name	Description
en-US	Template id IHE Medication Administration Events (no processing)	Template id IHE Medication Administration Events (no processing)
nl-NL	Template id IHE Medication Administration Events (no processing)	Template id IHE Medication Administration Events (no processing)

5.1.61 *Template id IHE Split Dosing 1.3.6.1.4.1.19376.1.5.3.1.4.9*

Language	Display Name	Description
en-US	Template id IHE Split Dosing	Template id IHE Split Dosing
nl-NL	Template id IHE Split Dosing	Template id IHE Split Dosing

5.1.62 *Template id Combination Medications 1.3.6.1.4.1.19376.1.5.3.1.4.11*

Language	Display Name	Description
en-US	Template id Combination Medications	Template id Combination Medications
nl-NL	Template id Combination Medications	Template id Combination Medications

5.1.63 IHEActCode Vocabulary 1.3.6.1.4.1.19376.1.5.3.2

Language	Display Name	Description
en-US	IHEActCode Vocabulary	IHEActCode Vocabulary
nl-NL	IHEActCode Vocabulary	IHEActCode Vocabulary

5.1.64 IHE PCC RoleCode 1.3.6.1.4.1.19376.1.5.3.3

Language	Display Name	Description
en-US	IHE PCC RoleCode	IHE PCC RoleCode
nl-NL	IHE PCC RoleCode	IHE PCC RoleCode

5.1.65 HL7 Registered RMIMs 2.16.840.1.113883.1.3

Language	Display Name	Description
en-US	HL7 Registered RMIMs	HL7 Registered RMIMs
nl-NL	HL7 Registered RMIMs	HL7 Registered RMIMs

5.1.66 ISCO 2.16.840.1.113883.2.9.6.2.7

Language	Display Name	Description
en-US	ISCO	ISCO
nl-NL	ISCO	ISCO

5.1.67 AdministrativeGender 2.16.840.1.113883.5.1

Language	Display Name	Description	Type
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en-US	AdministrativeGender	AdministrativeGender	Preferred for language
nl-NL	AdministrativeGender	AdministrativeGender	Preferred for language

5.1.68 *MaritalStatus* 2.16.840.1.113883.5.2

Language	Display Name	Description	Type
en-US	MaritalStatus	MaritalStatus	Preferred for language
nl-NL	BurgerlijkeStaat	BurgerlijkeStaat	Preferred for language

5.1.69 *ActCode* 2.16.840.1.113883.5.4

Language	Display Name	Description	Type
en-US	ActCode	ActCode	Preferred for language
nl-NL	ActCode	ActCode	Preferred for language

5.1.70 *Confidentiality* 2.16.840.1.113883.5.25

Language	Display Name	Description	Type
en-US	Confidentiality	Confidentiality	Preferred for language
nl-NL	Confidentiality	Confidentiality	Preferred for language

5.1.71 *EntityNamePartQualifier* 2.16.840.1.113883.5.43

Language	Display Name	Description	Type
en-US	EntityNamePartQualifier	EntityNamePartQualifier	Preferred for language
nl-NL	EntityNamePartQualifier	EntityNamePartQualifier	Preferred for language

5.1.72 HL7 ObservationInterpretation 2.16.840.1.113883.5.83

Language	Display Name	Description
en-US	HL7 ObservationInterpretation	HL7 ObservationInterpretation
nl-NL	HL7 ObservationInterpretation	HL7 ObservationInterpretation

5.1.73 HL7 ParticipationFunction 2.16.840.1.113883.5.88

Language	Display Name	Description
en-US	HL7 ParticipationFunction	HL7 ParticipationFunction
nl-NL	HL7 ParticipationFunction	HL7 ParticipationFunction

5.1.74 RoleClass 2.16.840.1.113883.5.110

Language	Display Name	Description
en-US	RoleClass	RoleClass
nl-NL	RoleClass	RoleClass

5.1.75 RoleCode 2.16.840.1.113883.5.111

Language	Display Name	Description
en-US	RoleCode	RoleCode
nl-NL	RoleCode	RoleCode

5.1.76 TimingEvent 2.16.840.1.113883.5.139

Language	Display Name	Description	Type
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en-US	TimingEvent	TimingEvent	Preferred for language
nl-NL	TimingEvent	TimingEvent	Preferred for language

5.1.77 URLScheme 2.16.840.1.113883.5.143

Language	Display Name	Description	Type
en-US	URLScheme	URLScheme	Preferred for language
nl-NL	URLScheme	URLScheme	Preferred for language

5.1.78 NullFlavor 2.16.840.1.113883.5.1008

Language	Display Name	Description	Type
en-US	NullFlavor	NullFlavor	Preferred for language
nl-NL	NullFlavor	NullFlavor	Preferred for language

5.1.79 ActSite 2.16.840.1.113883.5.1052

Language	Display Name	Description	Type
en-US	ActSite	ActSite	Preferred for language
nl-NL	ActSite	ActSite	Preferred for language

5.1.80 HL7 EntityCode 2.16.840.1.113883.5.1060

Language	Display Name	Description
en-US	HL7 EntityCode	HL7 EntityCode
nl-NL	HL7 EntityCode	HL7 EntityCode

5.1.81 SubstanceAdminSubstitution 2.16.840.1.113883.5.1070

Language	Display Name	Description	Type
en-US	SubstanceAdminSubstitution	SubstanceAdminSubstitution	Preferred for language
nl-NL	SubstanceAdminSubstitution	SubstanceAdminSubstitution	Preferred for language

5.1.82 AddressUse 2.16.840.1.113883.5.1119

Language	Display Name	Description	Type
en-US	AddressUse	AddressUse	Preferred for language
nl-NL	AddressUse	AddressUse	Preferred for language

5.1.83 LOINC 2.16.840.1.113883.6.1

Language	Display Name	Description
en-US	LOINC	LOINC
nl-NL	LOINC	LOINC

5.1.84 ICD-10 2.16.840.1.113883.6.3

Language	Display Name	Description
en-US	ICD-10	ICD-10
nl-NL	ICD-10	ICD-10

5.1.85 UCUM 2.16.840.1.113883.6.8

Language	Display Name	Description
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en-US	UCUM	UCUM
nl-NL	UCUM	UCUM

5.1.86 WHO ATC 2.16.840.1.113883.6.73

Language	Display Name	Description
en-US	WHO ATC	WHO ATC
nl-NL	WHO ATC	WHO ATC

5.1.87 SNOMED-CT 2.16.840.1.113883.6.96

Language	Display Name	Description
en-US	SNOMED-CT	SNOMED-CT
nl-NL	SNOMED-CT	SNOMED-CT

5.1.88 Template id CCD 1.0 Alerts 2.16.840.1.113883.10.20.1.2

Language	Display Name	Description
en-US	Template id CCD 1.0 Alerts	Template id CCD 1.0 Alerts
nl-NL	Template id CCD 1.0 Alerts	Template id CCD 1.0 Alerts

5.1.89 Template id CCD 1.0 Procedures 2.16.840.1.113883.10.20.1.12

Language	Display Name	Description
en-US	Template id CCD 1.0 Procedures	Template id CCD 1.0 Procedures
nl-NL	Template id CCD 1.0 Procedures	Template id CCD 1.0 Procedures

5.1.90 Template id CCD 1.0 Medication activity 2.16.840.1.113883.10.20.1.24

Language	Display Name	Description
en-US	Template id CCD 1.0 Medication activity	Template id CCD 1.0 Medication activity
nl-NL	Template id CCD 1.0 Medication activity	Template id CCD 1.0 Medication activity

5.2 List of Template Identifiers used in this project

Id	Display Name	Name	Effective date	Type
	Comment	IHECommentEntry		
1.3.6.1.4.1.12559.11.10.1.3.1.1.1	epSOS-ePrescription	epSOS-eP	2013-12-20	
1.3.6.1.4.1.12559.11.10.1.3.1.1.2	epSOS-eDispensation	epSOS-eD	2013-12-20	
1.3.6.1.4.1.12559.11.10.1.3.1.1.3	epSOS-Patient Summary	epSOS-PS	2013-12-20	
1.3.6.1.4.1.12559.11.10.1.3.1.1.4	epSOS-Health Care Encounter Report	epSOS-HCER	2013-12-20	
1.3.6.1.4.1.12559.11.10.1.3.1.1.5	epSOS-Medication Related Overview	epSOS-MRO	2013-12-20	
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1.3.6.1.4.1.12559.11.10.1.3.1.2.4	Section Medical Devices Coded	SectionMedicalDevicesCoded	2013-12-20	
1.3.6.1.4.1.12559.11.10.1.3.1.2.5	Section Coded Results	SectionCodedResults	2013-12-20	
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1.3.6.1.4.1.19376.1.5.3.1.3.6	Section Active Problems	SectionActiveProblems	2013-12-20
1.3.6.1.4.1.19376.1.5.3.1.3.8	Section History of Past Illness	SectionHistoryOfPastIllness	2013-12-20
1.3.6.1.4.1.19376.1.5.3.1.3.12	Section Coded List of Surgeries	SectionCodedListOfSurgeries	2013-12-20
1.3.6.1.4.1.19376.1.5.3.1.3.13	Section Allergies and Other Adverse Reactions	SectionAllergiesAndOtherAdverseReactions	2013-12-20
1.3.6.1.4.1.19376.1.5.3.1.3.16.1	Section Coded Social History	SectionCodedSocialHistory	2013-12-20
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1.3.6.1.4.1.19376.1.5.3.1.4.13.4	Social History Observation	EntrySocialHistoryObservation	2013-12-20

1.3.6.1.4.1.19376.1.5.3.1.4.13.5	Pregnancy Observation	EntryPregnancyObservation	2013-12-20
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2.16.840.1.113883.3.1937.777.11.10.104	epSOS CDA custodian	epSOSCDAcustodian	2013-12-20
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2.16.840.1.113883.3.1937.777.11.10.128	CDA PlayingEntity	CDAPlayingEntity	2013-12-20
2.16.840.1.113883.3.1937.777.11.10.129	CDA Device	CDADevice	2013-12-20
2.16.840.1.113883.3.1937.777.11.10.134	CDA Participant (Body)	CDAParticipantBody	2013-12-20
2.16.840.1.113883.3.1937.777.11.10.136	CDA Performer (Body)	epSOSCDAPerformerBody	2013-12-20
2.16.840.1.113883.3.1937.777.11.10.143	epSOS CDA Material	epSOSCDAMaterial	2013-12-20
2.16.840.1.113883.3.1937.777.11.10.144	epSOS Related Prescription Item	epSOSRelatedPrescriptionItem	2013-12-20
2.16.840.1.113883.3.1937.777.11.10.145	Immunization Material	EntryImmunizationMaterial	2013-12-20
2.16.840.1.113883.3.1937.777.11.10.146	OpenMed ManufacturedProduct	openMedManufacturedProduct	2016-05-10 22:32:31
2.16.840.1.113883.3.1937.777.11.10.147	OpenMed Material	openMedMaterial	2016-05-10 22:43:03

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5.3 List of Value Set Identifiers used in this project

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2.16.840.1.113883.1.11.11610	x_ActRelationshipDocument	x_ActRelationshipDocument	2011-07-26
2.16.840.1.113883.1.11.11610	x_ActRelationshipDocument	x_ActRelationshipDocument	2014-03-26
2.16.840.1.113883.1.11.12199	LanguageAbilityProficiency	LanguageAbilityProficiency	2011-07-26
2.16.840.1.113883.1.11.12199	LanguageAbilityProficiency	LanguageAbilityProficiency	2014-03-26
2.16.840.1.113883.1.11.12212	MaritalStatus	MaritalStatus	2011-07-26
2.16.840.1.113883.1.11.12212	MaritalStatus	MaritalStatus	2014-03-26
2.16.840.1.113883.1.11.12249	LanguageAbilityMode	LanguageAbilityMode	2011-07-26
2.16.840.1.113883.1.11.12249	LanguageAbilityMode	LanguageAbilityMode	2014-03-26
2.16.840.1.113883.1.11.14079	ObservationMethod	ObservationMethod	2011-07-26
2.16.840.1.113883.1.11.14079	ObservationMethod	ObservationMethod	2014-03-26
2.16.840.1.113883.1.11.14570	AdministrableDrugForm	AdministrableDrugForm	2011-07-26
2.16.840.1.113883.1.11.14570	AdministrableDrugForm	AdministrableDrugForm	2014-03-26
2.16.840.1.113883.1.11.14581	RouteOfAdministration	RouteOfAdministration	2011-07-26

2.16.840.1.113883.1.11.14581	RouteOfAdministration	RouteOfAdministration	2014-03-26
2.16.840.1.113883.1.11.14866	URLScheme	URLScheme	2011-07-26
2.16.840.1.113883.1.11.14866	URLScheme	URLScheme	2014-03-26
2.16.840.1.113883.1.11.14914	Race	Race	2011-07-26
2.16.840.1.113883.1.11.14914	Race	Race	2014-03-26
2.16.840.1.113883.1.11.15836	Ethnicity	Ethnicity	2011-07-26
2.16.840.1.113883.1.11.15836	Ethnicity	Ethnicity	2014-03-26
2.16.840.1.113883.1.11.15933	ActStatus	ActStatus	2011-07-26
2.16.840.1.113883.1.11.15933	ActStatus	ActStatus	2012-03-31
2.16.840.1.113883.1.11.15933	ActStatus	ActStatus	2014-03-26
2.16.840.1.113883.1.11.16040	EntityCode	EntityCode	2011-07-26
2.16.840.1.113883.1.11.16040	EntityCode	EntityCode	2014-03-26
2.16.840.1.113883.1.11.16041	MaterialEntityClassType	MaterialEntityClassType	2011-07-26
2.16.840.1.113883.1.11.16041	MaterialEntityClassType	MaterialEntityClassType	2014-03-26
2.16.840.1.113883.1.11.16117	ROIOverlayShape	ROIOverlayShape	2011-07-26
2.16.840.1.113883.1.11.16117	ROIOverlayShape	ROIOverlayShape	2014-03-26
2.16.840.1.113883.1.11.16226	ObservationType	ObservationType	2011-07-26
2.16.840.1.113883.1.11.16226	ObservationType	ObservationType	2014-03-26
2.16.840.1.113883.1.11.16543	ParticipationMode	ParticipationMode	2011-07-26
2.16.840.1.113883.1.11.16543	ParticipationMode	ParticipationMode	2014-03-26
2.16.840.1.113883.1.11.16772	x_InformationRecipientRole	x_InformationRecipientRole	2011-07-26
2.16.840.1.113883.1.11.16772	x_InformationRecipientRole	x_InformationRecipientRole	2014-03-26
2.16.840.1.113883.1.11.16866	ActPriority	ActPriority	2011-07-26
2.16.840.1.113883.1.11.16866	ActPriority	ActPriority	2014-03-26
2.16.840.1.113883.1.11.16926	x_BasicConfidentialityKind	x_BasicConfidentialityKind	2011-07-26
2.16.840.1.113883.1.11.16926	x_BasicConfidentialityKind	x_BasicConfidentialityKind	2012-03-31
2.16.840.1.113883.1.11.16926	x_BasicConfidentialityKind	x_BasicConfidentialityKind	2014-03-26
2.16.840.1.113883.1.11.17660	ServiceDeliveryLocationRoleType	ServiceDeliveryLocationRoleType	2011-07-26





2.16.840.1.113883.1.11.17660	ServiceDeliveryLocationRoleType	ServiceDeliveryLocationRoleType	2014-03-26
2.16.840.1.113883.1.11.18943	x_ActMoodDocumentObservation	x_ActMoodDocumentObservation	2011-07-26
2.16.840.1.113883.1.11.18943	x_ActMoodDocumentObservation	x_ActMoodDocumentObservation	2014-03-26
2.16.840.1.113883.1.11.19000	x_ActRelationshipExternalReference	x_ActRelationshipExternalReference	2011-07-26
2.16.840.1.113883.1.11.19000	x_ActRelationshipExternalReference	x_ActRelationshipExternalReference	2014-03-26
2.16.840.1.113883.1.11.19185	ReligiousAffiliation	ReligiousAffiliation	2011-07-26
2.16.840.1.113883.1.11.19185	ReligiousAffiliation	ReligiousAffiliation	2014-03-26
2.16.840.1.113883.1.11.19313	RoleClassAssociative	RoleClassAssociative	2011-07-26
2.16.840.1.113883.1.11.19313	RoleClassAssociative	RoleClassAssociative	2014-03-26
2.16.840.1.113883.1.11.19316	RoleClassMutualRelationship	RoleClassMutualRelationship	2011-07-26
2.16.840.1.113883.1.11.19316	RoleClassMutualRelationship	RoleClassMutualRelationship	2014-03-26
2.16.840.1.113883.1.11.19366	x_InformationRecipient	x_InformationRecipient	2011-07-26
2.16.840.1.113883.1.11.19366	x_InformationRecipient	x_InformationRecipient	2014-03-26
2.16.840.1.113883.1.11.19368	x_DocumentSubject	x_DocumentSubject	2011-07-26
2.16.840.1.113883.1.11.19368	x_DocumentSubject	x_DocumentSubject	2014-03-26
2.16.840.1.113883.1.11.19446	x_ActRelationshipEntry	x_ActRelationshipEntry	2011-07-26
2.16.840.1.113883.1.11.19446	x_ActRelationshipEntry	x_ActRelationshipEntry	2014-03-26
2.16.840.1.113883.1.11.19458	x_DocumentActMood	x_DocumentActMood	2011-07-26
2.16.840.1.113883.1.11.19458	x_DocumentActMood	x_DocumentActMood	2014-03-26
2.16.840.1.113883.1.11.19459	x_DocumentEncounterMood	x_DocumentEncounterMood	2011-07-26
2.16.840.1.113883.1.11.19459	x_DocumentEncounterMood	x_DocumentEncounterMood	2014-03-26
2.16.840.1.113883.1.11.19460	x_DocumentProcedureMood	x_DocumentProcedureMood	2011-07-26
2.16.840.1.113883.1.11.19460	x_DocumentProcedureMood	x_DocumentProcedureMood	2014-03-26
2.16.840.1.113883.1.11.19461	x_DocumentSubstanceMood	x_DocumentSubstanceMood	2011-07-26
2.16.840.1.113883.1.11.19461	x_DocumentSubstanceMood	x_DocumentSubstanceMood	2014-03-26
2.16.840.1.113883.1.11.19563	PersonalRelationshipRoleType	PersonalRelationshipRoleType	2011-07-26
2.16.840.1.113883.1.11.19563	PersonalRelationshipRoleType	PersonalRelationshipRoleType	2014-03-26
2.16.840.1.113883.1.11.19598	x_ActClassDocumentEntryOrganizer	x_ActClassDocumentEntryOrganizer	2011-07-26

2.16.840.1.113883.1.11.19598	x_ActClassDocumentEntryOrganizer	x_ActClassDocumentEntryOrganizer	2014-03-26
2.16.840.1.113883.1.11.19599	x_ActClassDocumentEntryAct	x_ActClassDocumentEntryAct	2011-07-26
2.16.840.1.113883.1.11.19599	x_ActClassDocumentEntryAct	x_ActClassDocumentEntryAct	2014-03-26
2.16.840.1.113883.1.11.19600	x_EncounterParticipant	x_EncounterParticipant	2011-07-26
2.16.840.1.113883.1.11.19600	x_EncounterParticipant	x_EncounterParticipant	2014-03-26
2.16.840.1.113883.1.11.19601	x_ServiceEventPerformer	x_ServiceEventPerformer	2011-07-26
2.16.840.1.113883.1.11.19601	x_ServiceEventPerformer	x_ServiceEventPerformer	2014-03-26
2.16.840.1.113883.1.11.19708	ActSubstanceAdministrationCode	ActSubstanceAdministrationCode	2011-07-26
2.16.840.1.113883.1.11.19708	ActSubstanceAdministrationCode	ActSubstanceAdministrationCode	2014-03-26
2.16.840.1.113883.1.11.20309	ActStatusAbortedCancelledCompleted	ActStatusAbortedCancelledCompleted	2011-07-26
2.16.840.1.113883.1.11.20309	ActStatusAbortedCancelledCompleted	ActStatusAbortedCancelledCompleted	2014-03-26
2.16.840.1.113883.3.1937.777.11.11.1	epSOSWHO-ATC	epSOSWHO-ATC	2013-06-03
2.16.840.1.113883.3.1937.777.11.11.2	ActStatusActiveAbortedSuspendedCompleted	eHDSIActStatusActiveAbortedSuspendedCompleted	2017-05-17 14:07:12
2.16.840.1.113883.3.1937.777.11.11.3	ActStatusActiveAbortedCancelledCompleted	eHDSIActStatusActiveAbortedCancelledCompleted	2017-05-17 14:30:42

6 Terminology

6.1 Value sets




6.1.1 ActPriority 2.16.840.1.113883.1.11.16866 - 2014-03-26 (DEFN=UV=VO=1360-20160323) (from repository: ad2bbr-)


Id	2.16.840.1.113883.1.11.16866  ad2bbr-	Effective Date	2014-03-26 Other versions this id: <ul style="list-style-type: none">  ActPriorityDEFN=UV=VO=1099-20110726 - as of 2011-07-26  ad2bbr-
Status	 Final	Version Label	DEFN=UV=VO=1360-20160323
Name	ActPriority	Display Name	ActPriority
Description	<p>History description 2014-03-26: Lock all vaue sets untouched since 2014-03-26 to trackingId 2014T1_2014_03_26</p> <p>description:</p> <p>A code or set of codes (e.g., for routine, emergency,) specifying the urgency under which the Act happened, can happen, is happening, is intended to happen, or is requested/demanded to happen.</p> <p><i>Discussion:</i> This attribute is used in orders to indicate the ordered priority, and in event documentation it indicates the actual priority used to perform the act. In definition mood it indicates the available priorities.</p>		
Source Code System	2.16.840.1.113883.5.7		
Level/ Type	Code	Display Name	Code System
0-L	A	ASAP	2.16.840.1.113883.5.7
0-L	CR	callback results	2.16.840.1.113883.5.7
0-L	EL	elective	2.16.840.1.113883.5.7
0-L	EM	emergency	2.16.840.1.113883.5.7

0-L	P	preop	2.16.840.1.113883.5.7
0-L	PRN	as needed	2.16.840.1.113883.5.7
0-L	R	routine	2.16.840.1.113883.5.7
0-L	RR	rush reporting	2.16.840.1.113883.5.7
0-L	S	stat	2.16.840.1.113883.5.7
0-L	T	timing critical	2.16.840.1.113883.5.7
0-L	UD	use as directed	2.16.840.1.113883.5.7
0-L	UR	urgent	2.16.840.1.113883.5.7
0-S	CS	callback for scheduling	2.16.840.1.113883.5.7
1-L	CSP	callback placer for scheduling	2.16.840.1.113883.5.7
1-L	CSR	contact recipient for scheduling	2.16.840.1.113883.5.7
0-L	EL	elective	2.16.840.1.113883.5.7
0-L	EM	emergency	2.16.840.1.113883.5.7
0-L	R	routine	2.16.840.1.113883.5.7
0-L	UR	urgent	2.16.840.1.113883.5.7

Legenda: Type L=leaf, S=specializable, A=abstract, D=deprecated. NullFlavors to appear in @nullFlavor attribute instead of @code.

6.1.2 ActPriority 2.16.840.1.113883.1.11.16866 - 2011-07-26 (DEFN=UV=VO=1099-20110726) (from repository: ad2bbr-)

Id	2.16.840.1.113883.1.11.16866  ad2bbr-	Effective Date	2011-07-26 Other versions this id: <ul style="list-style-type: none">  ActPriorityDEFN=UV=VO=1360-20160323 - as of 2014-03-26  ad2bbr-
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Status	 Final	Version Label	DEFN=UV=VO=1099-20110726
Name	ActPriority	Display Name	ActPriority
Description	<p>description:</p> <p>A code or set of codes (e.g., for routine, emergency,) specifying the urgency under which the Act happened, can happen, is happening, is intended to happen, or is requested/demanded to happen.</p> <p><i>Discussion:</i> This attribute is used in orders to indicate the ordered priority, and in event documentation it indicates the actual priority used to perform the act. In definition mood it indicates the available priorities.</p>		
Source Code System	2.16.840.1.113883.5.7		

Level/ Type	Code	Display Name	Code System
0-L	A	ASAP	2.16.840.1.113883.5.7
0-L	CR	callback results	2.16.840.1.113883.5.7
0-L	EL	elective	2.16.840.1.113883.5.7
0-L	EM	emergency	2.16.840.1.113883.5.7
0-L	P	preop	2.16.840.1.113883.5.7
0-L	PRN	as needed	2.16.840.1.113883.5.7
0-L	R	routine	2.16.840.1.113883.5.7
0-L	RR	rush reporting	2.16.840.1.113883.5.7
0-L	S	stat	2.16.840.1.113883.5.7
0-L	T	timing critical	2.16.840.1.113883.5.7
0-L	UD	use as directed	2.16.840.1.113883.5.7
0-L	UR	urgent	2.16.840.1.113883.5.7
0-S	CS	callback for scheduling	2.16.840.1.113883.5.7
1-L	CSP	callback placer for scheduling	2.16.840.1.113883.5.7

1-L	CSR	contact recipient for scheduling	2.16.840.1.113883.5.7
0-L	EL	elective	2.16.840.1.113883.5.7
0-L	EM	emergency	2.16.840.1.113883.5.7
0-L	R	routine	2.16.840.1.113883.5.7
0-L	UR	urgent	2.16.840.1.113883.5.7

Legenda: Type L=leaf, S=specializable, A=abstract, D=deprecated. NullFlavors to appear in @nullFlavor attribute instead of @code.







6.1.3 ActStatus 2.16.840.1.113883.1.11.15933 - 2014-03-26 (DEFN=UV=VO=1360-20160323) (from repository: ad2bbr-)

Id	2.16.840.1.113883.1.11.15933  ad2bbr-	Effective Date	2014-03-26 Other versions this id: <ul style="list-style-type: none">  ActStatusDEFN=UV=VO=1150-20120331 - as of 2012-03-31  ad2bbr-  ActStatusDEFN=UV=VO=1099-20110726 - as of 2011-07-26  ad2bbr-
Status	 Final	Version Label	DEFN=UV=VO=1360-20160323
Name	ActStatus	Display Name	ActStatus
Description	History description 2014-03-26: Lock all vaue sets untouched since 2014-03-26 to trackingId 2014T1_2014_03_26 description: Contains the names (codes) for each of the states in the state-machine of the RIM Act class.		
Source Code System	2.16.840.1.113883.5.14		
Level/ Type	Code	Display Name	Code System
0-S	normal	normal	2.16.840.1.113883.5.14

1-L	aborted	aborted	2.16.840.1.113883.5.14
1-L	active	active	2.16.840.1.113883.5.14
1-L	cancelled	cancelled	2.16.840.1.113883.5.14
1-L	completed	completed	2.16.840.1.113883.5.14
1-L	held	held	2.16.840.1.113883.5.14
1-L	new	new	2.16.840.1.113883.5.14
1-L	suspended	suspended	2.16.840.1.113883.5.14
0-L	nullified	nullified	2.16.840.1.113883.5.14
0-L	obsolete	obsolete	2.16.840.1.113883.5.14

Legenda: Type L=leaf, S=specializable, A=abstract, D=deprecated. NullFlavors to appear in @nullFlavor attribute instead of @code.





6.1.4 ActStatus 2.16.840.1.113883.1.11.15933 - 2011-07-26 (DEFN=UV=VO=1099-20110726) (from repository: ad2bbr-)

Id	2.16.840.1.113883.1.11.15933  ad2bbr-	Effective Date	2011-07-26 Other versions this id: <ul style="list-style-type: none">  ActStatusDEFN=UV=VO=1360-20160323 - as of 2014-03-26  ad2bbr-  ActStatusDEFN=UV=VO=1150-20120331 - as of 2012-03-31  ad2bbr-
Status	 Final	Version Label	DEFN=UV=VO=1099-20110726
Name	ActStatus	Display Name	ActStatus
Description	description: Contains the names (codes) for each of the states in the state-machine of the RIM Act class.		
Source Code System	2.16.840.1.113883.5.14		

Level/ Type	Code	Display Name	Code System
0-S	normal	normal	2.16.840.1.113883.5.14
1-L	aborted	aborted	2.16.840.1.113883.5.14
1-L	active	active	2.16.840.1.113883.5.14
1-L	cancelled	cancelled	2.16.840.1.113883.5.14
1-L	completed	completed	2.16.840.1.113883.5.14
1-L	held	held	2.16.840.1.113883.5.14
1-L	new	new	2.16.840.1.113883.5.14
1-L	suspended	suspended	2.16.840.1.113883.5.14
0-L	nullified	nullified	2.16.840.1.113883.5.14
0-L	obsolete	obsolete	2.16.840.1.113883.5.14

Legenda: Type L=leaf, S=specializable, A=abstract, D=deprecated. NullFlavors to appear in @nullFlavor attribute instead of @code.







6.1.5 ActStatusAbortedCancelledCompleted 2.16.840.1.113883.1.11.20309 - 2014-03-26 (DEFN=UV=VO=1360-20160323) (from repository: ad2bbr-)

Id	2.16.840.1.113883.1.11.20309  ad2bbr-	Effective Date	2014-03-26 Other versions this id: <ul style="list-style-type: none">  ActStatusAbortedCancelledCompletedDEFN=UV=VO=1099-20110726 - as of 2011-07-26  ad2bbr-
Status	 Final	Version Label	DEFN=UV=VO=1360-20160323
Name	ActStatusAbortedCancelledCompleted	Display Name	ActStatusAbortedCancelledCompleted
Description	History description 2014-03-26: Lock all vaue sets untouched since 2014-03-26 to trackingId 2014T1_2014_03_26 description:		

	Description: The status of an assessment for indications of an abnormal condition.		
Source Code System	2.16.840.1.113883.5.14		
Level/ Type	Code	Display Name	Code System
0-L	aborted	aborted	2.16.840.1.113883.5.14
0-L	cancelled	cancelled	2.16.840.1.113883.5.14
0-L	completed	completed	2.16.840.1.113883.5.14

Legenda: Type L=leaf, S=specializable, A=abstract, D=deprecated. NullFlavors to appear in @nullFlavor attribute instead of @code.





6.1.6 ActStatusAbortedCancelledCompleted 2.16.840.1.113883.1.11.20309 - 2011-07-26 (DEFN=UV=VO=1099-20110726) (from repository: ad2bbr-)

Id	2.16.840.1.113883.1.11.20309  	Effective Date	2011-07-26 Other versions this id: <ul style="list-style-type: none">  ActStatusAbortedCancelledCompletedDEFN=UV=VO=1360-20160323 - as of 2014-03-26  
Status	 Final	Version Label	DEFN=UV=VO=1099-20110726
Name	ActStatusAbortedCancelledCompleted	Display Name	ActStatusAbortedCancelledCompleted
Description	description: Description: The status of an assessment for indications of an abnormal condition.		
Source Code System	2.16.840.1.113883.5.14		
Level/ Type	Code	Display Name	Code System
0-L	aborted	aborted	2.16.840.1.113883.5.14
0-L	cancelled	cancelled	2.16.840.1.113883.5.14

0-L	completed	completed	2.16.840.1.113883.5.14
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Legenda: Type L=leaf, S=specializable, A=abstract, D=deprecated. NullFlavors to appear in @nullFlavor attribute instead of @code.





6.1.7 ActSubstanceAdministrationCode 2.16.840.1.113883.1.11.19708 - 2014-03-26 (DEFN=UV=VO=1360-20160323) (from repository: ad2bbr-)

Id	2.16.840.1.113883.1.11.19708  ad2bbr-	Effective Date	2014-03-26 Other versions this id: <ul style="list-style-type: none">  ActSubstanceAdministrationCodeDEFN=UV=VO=1099-20110726 - as of 2011-07-26  ad2bbr-
Status	 Final	Version Label	DEFN=UV=VO=1360-20160323
Name	ActSubstanceAdministrationCode	Display Name	ActSubstanceAdministrationCode
Description	<p>History description 2014-03-26: Lock all vaue sets untouched since 2014-03-26 to trackingId 2014T1_2014_03_26</p> <p>description: Describes the type of substance administration being performed.</p>		
Source Code System	2.16.840.1.113883.5.4		

Level/ Type	Code	Display Name	Code System
0-A	_ActSubstanceAdministrationCode	ActSubstanceAdministrationCode	2.16.840.1.113883.5.4
1-L	DRUG	Drug therapy	2.16.840.1.113883.5.4
1-L	FD	food	2.16.840.1.113883.5.4
1-S	IMMUNIZ	Immunization	2.16.840.1.113883.5.4



Legenda: Type L=leaf, S=specializable, A=abstract, D=deprecated. NullFlavors to appear in @nullFlavor attribute instead of @code.

6.1.8 ○ ActSubstanceAdministrationCode 2.16.840.1.113883.1.11.19708 - 2011-07-26 (DEFN=UV=VO=1099-20110726) (from repository: ad2bbr-)


Id	2.16.840.1.113883.1.11.19708  ad2bbr-	Effective Date	2011-07-26 Other versions this id: <ul style="list-style-type: none">  ActSubstanceAdministrationCodeDEFN=UV=VO=1360-20160323 - as of 2014-03-26  ad2bbr-
Status	 Final	Version Label	DEFN=UV=VO=1099-20110726
Name	ActSubstanceAdministrationCode	Display Name	ActSubstanceAdministrationCode
Description	description: Describes the type of substance administration being performed.		
Source Code System	2.16.840.1.113883.5.4		
Level/ Type	Code	Display Name	Code System
0-A	_ActSubstanceAdministrationCode	ActSubstanceAdministrationCode	2.16.840.1.113883.5.4
1-L	DRUG	Drug therapy	2.16.840.1.113883.5.4
1-L	FD	food	2.16.840.1.113883.5.4
1-S	IMMUNIZ	Immunization	2.16.840.1.113883.5.4

Legenda: Type L=leaf, S=specializable, A=abstract, D=deprecated. NullFlavors to appear in @nullFlavor attribute instead of @code.

6.1.9 ○ AdministrableDrugForm 2.16.840.1.113883.1.11.14570 - 2014-03-26 (DEFN=UV=VO=1360-20160323) (from repository: ad2bbr-)

Id	2.16.840.1.113883.1.11.14570  ad2bbr-	Effective Date	2014-03-26 Other versions this id: <ul style="list-style-type: none">  AdministrableDrugFormDEFN=UV=VO=1099-20110726
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- as of 2011-07-26 [ref ad2bbr-](#)

Status	 Final	Version Label	DEFN=UV=VO=1360-20160323
Name	AdministrableDrugForm	Display Name	AdministrableDrugForm
Description	<p>History description 2014-03-26: Lock all vaue sets untouched since 2014-03-26 to trackingId 2014T1_2014_03_26</p> <p>description:</p> <p>Indicates the form in which the drug product should be administered.</p> <p>This element only needs to be specified when (a) the form in which the drug is measured for dispensing differs from the form in which the drug is administered; and (b) the form in which the quantity of the administered drug being administered is not expressed as a discrete measured mass or volume. <i>Usage:</i></p>		
Source Code System	2.16.840.1.113883.5.85		

Level/ Type	Code	Display Name	Code System
0-L	APPFUL	Applicatorful	2.16.840.1.113883.5.85
0-L	PUFF	Puff	2.16.840.1.113883.5.85
0-L	SCOOP	Scoops	2.16.840.1.113883.5.85
0-L	SPRY	Sprays	2.16.840.1.113883.5.85
0-S	DROP	Drops	2.16.840.1.113883.5.85
1-L	NDROP	Nasal Drops	2.16.840.1.113883.5.85
1-L	OPDROP	Ophthalmic Drops	2.16.840.1.113883.5.85
1-L	ORDROP	Oral Drops	2.16.840.1.113883.5.85
1-L	OTDROP	Otic Drops	2.16.840.1.113883.5.85

Legenda: Type L=leaf, S=specializable, A=abstract, D=deprecated. NullFlavors to appear in @nullFlavor attribute instead of @code.



6.1.10 ○ AdministrableDrugForm 2.16.840.1.113883.1.11.14570 - 2011-07-26 (DEFN=UV=VO=1099-20110726) (from repository: ad2bbr-)

Id	2.16.840.1.113883.1.11.14570  ad2bbr-	Effective Date	2011-07-26 Other versions this id: <ul style="list-style-type: none">  AdministrableDrugFormDEFN=UV=VO=1360-20160323 - as of 2014-03-26  ad2bbr-
Status	 Final	Version Label	DEFN=UV=VO=1099-20110726
Name	AdministrableDrugForm	Display Name	AdministrableDrugForm
Description	<p>description:</p> <p>Indicates the form in which the drug product should be administered.</p> <p>This element only needs to be specified when (a) the form in which the drug is measured for dispensing differs from the form in which the drug is administered; and (b) the form in which the quantity of the administered drug being administered is not expressed as a discrete measured mass or volume. <i>Usage:</i></p>		
Source Code System	2.16.840.1.113883.5.85		

Level/ Type	Code	Display Name	Code System
0-L	APPFUL	Applicatorful	2.16.840.1.113883.5.85
0-L	PUFF	Puff	2.16.840.1.113883.5.85
0-L	SCOOP	Scoops	2.16.840.1.113883.5.85
0-L	SPRY	Sprays	2.16.840.1.113883.5.85
0-S	DROP	Drops	2.16.840.1.113883.5.85
1-L	NDROP	Nasal Drops	2.16.840.1.113883.5.85
1-L	OPDROP	Ophthalmic Drops	2.16.840.1.113883.5.85
1-L	ORDROP	Oral Drops	2.16.840.1.113883.5.85
1-L	OTDROP	Otic Drops	2.16.840.1.113883.5.85

Legenda: Type L=leaf, S=specializable, A=abstract, D=deprecated. NullFlavors to appear in @nullFlavor attribute instead of @code.

6.1.11  AdministrativeGender 2.16.840.1.113883.1.11.1 - 2014-03-26 (DEFN=UV=VO=1360-20160323)
ref (from repository: ad2bbr-)


Id	2.16.840.1.113883.1.11.1 ref ad2bbr-	Effective Date	2014-03-26 Other versions this id: <ul style="list-style-type: none"> ▪  AdministrativeGenderDEFN=UV=VO=1099-20110726 - as of 2011-07-26 ref ad2bbr-
Status	 Final	Version Label	DEFN=UV=VO=1360-20160323
Name	AdministrativeGender	Display Name	AdministrativeGender
Description	<p>History description 2014-03-26: Lock all vaue sets untouched since 2014-03-26 to trackingId 2014T1_2014_03_26</p> <p>description:</p> <p>The gender of a person used for adminstrative purposes (as opposed to clinical gender)</p>		
Source Code System	2.16.840.1.113883.5.1		

Level/ Type	Code	Display Name	Code System
0-L	F	Female	2.16.840.1.113883.5.1
0-L	M	Male	2.16.840.1.113883.5.1
0-L	UN	Undifferentiated	2.16.840.1.113883.5.1

Legenda: Type L=leaf, S=specializable, A=abstract, D=deprecated. NullFlavors to appear in @nullFlavor attribute instead of @code.



6.1.12  AdministrativeGender 2.16.840.1.113883.1.11.1 - 2011-07-26 (DEFN=UV=VO=1099-20110726)
ref (from repository: ad2bbr-)

Id	2.16.840.1.113883.1.11.1 ref ad2bbr-	Effective Date	2011-07-26
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			Other versions this id:
			<ul style="list-style-type: none"> AdministrativeGenderDEFN=UV=VO=1360-20160323 - as of 2014-03-26 ref ad2bbr-
Status	 Final	Version Label	DEFN=UV=VO=1099-20110726
Name	AdministrativeGender	Display Name	AdministrativeGender
Description	description: The gender of a person used for administrative purposes (as opposed to clinical gender)		
Source Code System	2.16.840.1.113883.5.1		
Level/ Type	Code	Display Name	Code System
0-L	F	Female	2.16.840.1.113883.5.1
0-L	M	Male	2.16.840.1.113883.5.1
0-L	UN	Undifferentiated	2.16.840.1.113883.5.1

Legenda: Type L=leaf, S=specializable, A=abstract, D=deprecated. NullFlavors to appear in @nullFlavor attribute instead of @code.

6.1.13 DocumentSectionType 2.16.840.1.113883.1.11.10871 - 2014-03-26 (DEFN=UV=VO=1360-20160323) [ref](#) (from repository: ad2bbr-)

Id	2.16.840.1.113883.1.11.10871 ref ad2bbr-	Effective Date	2014-03-26 Other versions this id:
Status	 Final	Version Label	DEFN=UV=VO=1360-20160323
Name	DocumentSectionType	Display Name	DocumentSectionType
Description	History description 2014-03-26: Lock all value sets untouched since 2014-03-26 to trackingId 2014T1_2014_03_26		
			<ul style="list-style-type: none">  DocumentSectionTypeDEFN=UV=VO=1099-20110726 - as of 2011-07-26 ref ad2bbr-

description:			
The type of document section. Possible values: review of systems, medical history, family history, microscopic findings, etc.			
Source Code System	2.16.840.1.113883.6.1		
Level/ Type	Code	Display Name	Code System
0-L	57025-9	Data Criteria section	2.16.840.1.113883.6.1
0-L	57026-7	Population Criteria section	2.16.840.1.113883.6.1
0-L	57027-5	Measure Observations section	2.16.840.1.113883.6.1

Legenda: Type L=leaf, S=specializable, A=abstract, D=deprecated. NullFlavors to appear in @nullFlavor attribute instead of @code.







6.1.14 ○ DocumentSectionType 2.16.840.1.113883.1.11.10871 - 2011-07-26 (DEFN=UV=VO=1099-20110726) ref (from repository: ad2bbr-)

Id	2.16.840.1.113883.1.11.10871 ref ad2bbr-	Effective Date	2011-07-26 Other versions this id: <ul style="list-style-type: none"> ● DocumentSectionTypeDEFN=UV=VO=1360-20160323 - as of 2014-03-26 ref ad2bbr-
Status	● Final	Version Label	DEFN=UV=VO=1099-20110726
Name	DocumentSectionType	Display Name	DocumentSectionType
description:			
The type of document section. Possible values: review of systems, medical history, family history, microscopic findings, etc.			
Source Code System	2.16.840.1.113883.6.1		
Level/ Type	Code	Display Name	Code System
0-L	57025-9	Data Criteria section	2.16.840.1.113883.6.1

0-L	57026-7	Population Criteria section	2.16.840.1.113883.6.1
0-L	57027-5	Measure Observations section	2.16.840.1.113883.6.1

Legenda: Type L=leaf, S=specializable, A=abstract, D=deprecated. NullFlavors to appear in @nullFlavor attribute instead of @code.

6.1.15 EntityCode 2.16.840.1.113883.1.11.16040 - 2014-03-26 (DEFN=UV=VO=1360-20160323) (from repository: ad2bbr-)

Id	2.16.840.1.113883.1.11.16040  	Effective Date	2014-03-26 Other versions this id: <ul style="list-style-type: none">  EntityCodeDEFN=UV=VO=1099-20110726 - as of 2011-07-26  
Status	 Final	Version Label	DEFN=UV=VO=1360-20160323
Name	EntityCode	Display Name	EntityCode
Description	<p>History description 2014-03-26: Lock all vaue sets untouched since 2014-03-26 to trackingId 2014T1_2014_03_26</p> <p>description:</p> <p>A value representing the specific kind of Entity the instance represents.</p> <p><i>Examples:</i> A medical building, a Doberman Pinscher, a blood collection tube, a tissue biopsy.</p> <p><i>Rationale:</i> For each Entity, the value for this attribute is drawn from one of several coding systems depending on the Entity classCode, such as living subjects (animal and plant taxonomies), chemical substance (e.g., IUPAC code), organizations, insurance company, government agency, hospital, park, lake, syringe, etc. It is possible that Entity.code may be so fine grained that it represents a single instance. An example is the CDC vaccine manufacturer code, modeled as a concept vocabulary, when in fact each concept refers to a single instance.</p>		

A valid code from the code system:

Code System Name	Code System Id	Code System Version
iso3166-1	1.0.3166.1	

Or one of the following:

3 Source Code Systems	2.16.840.1.113883.5.1060
	2.16.840.1.113883.5.129
	1.0.3166.1

Level/ Type	Code	Display Name	Code System
1-A	_ContainerEntityType	ContainerEntityType	2.16.840.1.113883.5.1060
2-S	PKG	Package	2.16.840.1.113883.5.1060
3-A	_NonRigidContainerEntityType	NonRigidContainerEntityType	2.16.840.1.113883.5.1060
4-L	BAG	Bag	2.16.840.1.113883.5.1060
4-L	PACKT	Packet	2.16.840.1.113883.5.1060
4-L	PCH	Pouch	2.16.840.1.113883.5.1060
4-L	SACH	Sachet	2.16.840.1.113883.5.1060
3-A	_RigidContainerEntityType	RigidContainerEntityType	2.16.840.1.113883.5.1060
4-A	_IndividualPackageEntityType	IndividualPackageEntityType	2.16.840.1.113883.5.1060
5-L	AMP	Ampule	2.16.840.1.113883.5.1060
5-L	MINIM	Minim	2.16.840.1.113883.5.1060
5-L	NEBAMP	Nebuamp	2.16.840.1.113883.5.1060
5-L	OVUL	Ovule	2.16.840.1.113883.5.1060
4-A	_MultiUseContainerEntityType	MultiUseContainerEntityType	2.16.840.1.113883.5.1060
5-S	BOT	Bottle	2.16.840.1.113883.5.1060
6-L	BOTA	Amber Bottle	2.16.840.1.113883.5.1060
6-L	BOTD	Dropper Bottle	2.16.840.1.113883.5.1060
6-L	BOTG	Glass Bottle	2.16.840.1.113883.5.1060
6-S	BOTP	Plastic Bottle	2.16.840.1.113883.5.1060

7-L	BOTPLY	Polyethylene Bottle	2.16.840.1.113883.5.1060
5-L	BOX	Box	2.16.840.1.113883.5.1060
5-L	CAN	Can	2.16.840.1.113883.5.1060
5-L	CART	Cartridge	2.16.840.1.113883.5.1060
5-L	CNSTR	Canister	2.16.840.1.113883.5.1060
5-L	JAR	Jar	2.16.840.1.113883.5.1060
5-L	JUG	Jug	2.16.840.1.113883.5.1060
5-L	TIN	Tin	2.16.840.1.113883.5.1060
5-L	TUB	Tub	2.16.840.1.113883.5.1060
5-L	TUBE	Tube	2.16.840.1.113883.5.1060
5-L	VIAL	Vial	2.16.840.1.113883.5.1060
4-S	BLSTRPK	Blister Pack	2.16.840.1.113883.5.1060
5-L	CARD	Card	2.16.840.1.113883.5.1060
3-S	COMPPKG	Compliance Package	2.16.840.1.113883.5.1060
4-S	BLSTRPK	Blister Pack	2.16.840.1.113883.5.1060
5-L	CARD	Card	2.16.840.1.113883.5.1060
4-L	DIALPK	Dial Pack	2.16.840.1.113883.5.1060
4-L	DISK	Disk	2.16.840.1.113883.5.1060
4-L	DOSET	Dosette	2.16.840.1.113883.5.1060
4-L	STRIP	Strip	2.16.840.1.113883.5.1060
3-S	KIT	Kit	2.16.840.1.113883.5.1060
4-L	SYSTM	System	2.16.840.1.113883.5.1060

1-A	_MedicalDevice	MedicalDevice	2.16.840.1.113883.5.1060
2-A	_AccessMedicalDevice	AccessMedicalDevice	2.16.840.1.113883.5.1060
3-S	LINE	Line	2.16.840.1.113883.5.1060
4-L	IALINE	Intra-arterial Line	2.16.840.1.113883.5.1060
4-L	IVLINE	Intravenous Line	2.16.840.1.113883.5.1060
2-A	_AdministrationMedicalDevice	AdministrationMedicalDevice	2.16.840.1.113883.5.1060
3-A	_InjectionMedicalDevice	InjectionMedicalDevice	2.16.840.1.113883.5.1060
4-L	AINJ	AutoInjector	2.16.840.1.113883.5.1060
4-L	PEN	Pen	2.16.840.1.113883.5.1060
4-L	SYR	Syringe	2.16.840.1.113883.5.1060
3-L	APLCTR	Applicator	2.16.840.1.113883.5.1060
3-S	INH	Inhaler	2.16.840.1.113883.5.1060
4-L	DSKS	Diskus	2.16.840.1.113883.5.1060
4-L	DSKUNH	Diskhaler	2.16.840.1.113883.5.1060
4-L	TRBINH	Turbuhaler	2.16.840.1.113883.5.1060
3-L	PMP	Pump	2.16.840.1.113883.5.1060
1-A	_SpecimenAdditiveEntity	SpecimenAdditiveEntity	2.16.840.1.113883.5.1060
2-L	ACDA	ACD Solution A	2.16.840.1.113883.5.1060
2-L	ACDB	ACD Solution B	2.16.840.1.113883.5.1060
2-L	ACET	Acetic Acid	2.16.840.1.113883.5.1060
2-L	AMIES	Amies transport medium	2.16.840.1.113883.5.1060
2-L	BACTM	Bacterial Transport medium	2.16.840.1.113883.5.1060

2-L	BF10	Buffered 10% formalin	2.16.840.1.113883.5.1060
2-L	BOR	Boric Acid	2.16.840.1.113883.5.1060
2-L	BOUIN	Bouin's solution	2.16.840.1.113883.5.1060
2-L	BSKM	Buffered skim milk	2.16.840.1.113883.5.1060
2-L	C32	3.2% Citrate	2.16.840.1.113883.5.1060
2-L	C38	3.8% Citrate	2.16.840.1.113883.5.1060
2-L	CARS	Carson's Modified 10% formalin	2.16.840.1.113883.5.1060
2-L	CARY	Cary Blair Medium	2.16.840.1.113883.5.1060
2-L	CHLTM	Chlamydia transport medium	2.16.840.1.113883.5.1060
2-L	CTAD	CTAD	2.16.840.1.113883.5.1060
2-L	EDTK15	Potassium/K EDTA 15%	2.16.840.1.113883.5.1060
2-L	EDTK75	Potassium/K EDTA 7.5%	2.16.840.1.113883.5.1060
2-L	EDTN	Sodium/Na EDTA	2.16.840.1.113883.5.1060
2-L	ENT	Enteric bacteria transport medium	2.16.840.1.113883.5.1060
2-L	F10	10% Formalin	2.16.840.1.113883.5.1060
2-L	FDP	Thrombin NIH; soybean trypsin inhibitor	2.16.840.1.113883.5.1060
2-L	FL10	Sodium Fluoride, 10mg	2.16.840.1.113883.5.1060
2-L	FL100	Sodium Fluoride, 100mg	2.16.840.1.113883.5.1060
2-L	HCL6	6N HCL	2.16.840.1.113883.5.1060
2-L	HEPA	Ammonium heparin	2.16.840.1.113883.5.1060
2-L	HEPL	Lithium/Li Heparin	2.16.840.1.113883.5.1060
2-L	HEPN	Sodium/Na Heparin	2.16.840.1.113883.5.1060

2-L	HNO3	Nitric Acid	2.16.840.1.113883.5.1060
2-L	JKM	Jones Kendrick Medium	2.16.840.1.113883.5.1060
2-L	KARN	Karnovsky's fixative	2.16.840.1.113883.5.1060
2-L	KOX	Potassium Oxalate	2.16.840.1.113883.5.1060
2-L	LIA	Lithium iodoacetate	2.16.840.1.113883.5.1060
2-L	M4	M4	2.16.840.1.113883.5.1060
2-L	M4RT	M4-RT	2.16.840.1.113883.5.1060
2-L	M5	M5	2.16.840.1.113883.5.1060
2-L	MICHTM	Michel's transport medium	2.16.840.1.113883.5.1060
2-L	MMDTM	MMD transport medium	2.16.840.1.113883.5.1060
2-L	NAF	Sodium Fluoride	2.16.840.1.113883.5.1060
2-L	NONE	None	2.16.840.1.113883.5.1060
2-L	PAGE	Page's Saline	2.16.840.1.113883.5.1060
2-L	PHENOL	Phenol	2.16.840.1.113883.5.1060
2-L	PVA	Polyvinylalcohol	2.16.840.1.113883.5.1060
2-L	RLM	Reagan Lowe Medium	2.16.840.1.113883.5.1060
2-L	SILICA	Siliceous earth	2.16.840.1.113883.5.1060
2-L	SPS	Sodium polyanethol sulfonate 0.35% in 0.85% sodium chloride	2.16.840.1.113883.5.1060
2-L	SST	Serum Separator Tube	2.16.840.1.113883.5.1060
2-L	STUTM	Stuart transport medium	2.16.840.1.113883.5.1060
2-L	THROM	Thrombin	2.16.840.1.113883.5.1060
2-L	THYMOL	Thymol	2.16.840.1.113883.5.1060

2-L	THYO	Thyoglycolate broth	2.16.840.1.113883.5.1060
2-L	TOLU	Toluene	2.16.840.1.113883.5.1060
2-L	URETM	Ureaplasma transport medium	2.16.840.1.113883.5.1060
2-L	VIRTM	Viral Transport medium	2.16.840.1.113883.5.1060
2-L	WEST	Buffered Citrate	2.16.840.1.113883.5.1060
1-L	BLDPRD	Blood Product	2.16.840.1.113883.5.1060
1-L	VCCNE	Vaccine	2.16.840.1.113883.5.1060
1-L	ACDA	ACD Solution A	2.16.840.1.113883.5.1060
1-L	ACDB	ACD Solution B	2.16.840.1.113883.5.1060
1-L	ACET	Acetic Acid	2.16.840.1.113883.5.1060
1-L	AMIES	Amies transport medium	2.16.840.1.113883.5.1060
1-L	BACTM	Bacterial Transport medium	2.16.840.1.113883.5.1060
1-L	BF10	Buffered 10% formalin	2.16.840.1.113883.5.1060
1-L	BOR	Boric Acid	2.16.840.1.113883.5.1060
1-L	BOUIN	Bouin's solution	2.16.840.1.113883.5.1060
1-L	BSKM	Buffered skim milk	2.16.840.1.113883.5.1060
1-L	C32	3.2% Citrate	2.16.840.1.113883.5.1060
1-L	C38	3.8% Citrate	2.16.840.1.113883.5.1060
1-L	CARS	Carson's Modified 10% formalin	2.16.840.1.113883.5.1060
1-L	CARY	Cary Blair Medium	2.16.840.1.113883.5.1060
1-L	CHLTM	Chlamydia transport medium	2.16.840.1.113883.5.1060
1-L	CTAD	CTAD	2.16.840.1.113883.5.1060

1-L	EDTK15	Potassium/K EDTA 15%	2.16.840.1.113883.5.1060
1-L	EDTK75	Potassium/K EDTA 7.5%	2.16.840.1.113883.5.1060
1-L	EDTN	Sodium/Na EDTA	2.16.840.1.113883.5.1060
1-L	ENT	Enteric bacteria transport medium	2.16.840.1.113883.5.1060
1-L	F10	10% Formalin	2.16.840.1.113883.5.1060
1-L	FDP	Thrombin NIH; soybean trypsin inhibitor	2.16.840.1.113883.5.1060
1-L	FL10	Sodium Fluoride, 10mg	2.16.840.1.113883.5.1060
1-L	FL100	Sodium Fluoride, 100mg	2.16.840.1.113883.5.1060
1-L	HCL6	6N HCL	2.16.840.1.113883.5.1060
1-L	HEPA	Ammonium heparin	2.16.840.1.113883.5.1060
1-L	HEPL	Lithium/Li Heparin	2.16.840.1.113883.5.1060
1-L	HEPN	Sodium/Na Heparin	2.16.840.1.113883.5.1060
1-L	HNO3	Nitric Acid	2.16.840.1.113883.5.1060
1-L	JKM	Jones Kendrick Medium	2.16.840.1.113883.5.1060
1-L	KARN	Karnovsky's fixative	2.16.840.1.113883.5.1060
1-L	KOX	Potassium Oxalate	2.16.840.1.113883.5.1060
1-L	LIA	Lithium iodoacetate	2.16.840.1.113883.5.1060
1-L	M4	M4	2.16.840.1.113883.5.1060
1-L	M4RT	M4-RT	2.16.840.1.113883.5.1060
1-L	M5	M5	2.16.840.1.113883.5.1060
1-L	MICHTM	Michel's transport medium	2.16.840.1.113883.5.1060
1-L	MMDTM	MMD transport medium	2.16.840.1.113883.5.1060

1-L	NAF	Sodium Fluoride	2.16.840.1.113883.5.1060
1-L	NONE	None	2.16.840.1.113883.5.1060
1-L	PAGE	Page's Saline	2.16.840.1.113883.5.1060
1-L	PHENOL	Phenol	2.16.840.1.113883.5.1060
1-L	PVA	Polyvinylalcohol	2.16.840.1.113883.5.1060
1-L	RLM	Reagan Lowe Medium	2.16.840.1.113883.5.1060
1-L	SILICA	Siliceous earth	2.16.840.1.113883.5.1060
1-L	SPS	Sodium polyanethol sulfonate 0.35% in 0.85% sodium chloride	2.16.840.1.113883.5.1060
1-L	SST	Serum Separator Tube	2.16.840.1.113883.5.1060
1-L	STUTM	Stuart transport medium	2.16.840.1.113883.5.1060
1-L	THROM	Thrombin	2.16.840.1.113883.5.1060
1-L	THYMOL	Thymol	2.16.840.1.113883.5.1060
1-L	THYO	Thyoglycolate broth	2.16.840.1.113883.5.1060
1-L	TOLU	Toluene	2.16.840.1.113883.5.1060
1-L	URETM	Ureaplasma transport medium	2.16.840.1.113883.5.1060
1-L	VIRTM	Viral Transport medium	2.16.840.1.113883.5.1060
1-L	WEST	Buffered Citrate	2.16.840.1.113883.5.1060
1-S	PKG	Package	2.16.840.1.113883.5.1060
2-A	_NonRigidContainerEntityType	NonRigidContainerEntityType	2.16.840.1.113883.5.1060
3-L	BAG	Bag	2.16.840.1.113883.5.1060
3-L	PACKT	Packet	2.16.840.1.113883.5.1060
3-L	PCH	Pouch	2.16.840.1.113883.5.1060

3-L	SACH	Sachet	2.16.840.1.113883.5.1060
2-A	_RigidContainerEntityType	RigidContainerEntityType	2.16.840.1.113883.5.1060
3-A	_IndividualPackageEntityType	IndividualPackageEntityType	2.16.840.1.113883.5.1060
4-L	AMP	Ampule	2.16.840.1.113883.5.1060
4-L	MINIM	Minim	2.16.840.1.113883.5.1060
4-L	NEBAMP	Nebuamp	2.16.840.1.113883.5.1060
4-L	OVUL	Ovule	2.16.840.1.113883.5.1060
3-A	_MultiUseContainerEntityType	MultiUseContainerEntityType	2.16.840.1.113883.5.1060
4-S	BOT	Bottle	2.16.840.1.113883.5.1060
5-L	BOTA	Amber Bottle	2.16.840.1.113883.5.1060
5-L	BOTD	Dropper Bottle	2.16.840.1.113883.5.1060
5-L	BOTG	Glass Bottle	2.16.840.1.113883.5.1060
5-S	BOTP	Plastic Bottle	2.16.840.1.113883.5.1060
6-L	BOTPLY	Polyethylene Bottle	2.16.840.1.113883.5.1060
4-L	BOX	Box	2.16.840.1.113883.5.1060
4-L	CAN	Can	2.16.840.1.113883.5.1060
4-L	CART	Cartridge	2.16.840.1.113883.5.1060
4-L	CNSTR	Canister	2.16.840.1.113883.5.1060
4-L	JAR	Jar	2.16.840.1.113883.5.1060
4-L	JUG	Jug	2.16.840.1.113883.5.1060
4-L	TIN	Tin	2.16.840.1.113883.5.1060
4-L	TUB	Tub	2.16.840.1.113883.5.1060

4-L	TUBE	Tube	2.16.840.1.113883.5.1060
4-L	VIAL	Vial	2.16.840.1.113883.5.1060
3-S	BLSTRPK	Blister Pack	2.16.840.1.113883.5.1060
4-L	CARD	Card	2.16.840.1.113883.5.1060
2-S	COMPPKG	Compliance Package	2.16.840.1.113883.5.1060
3-S	BLSTRPK	Blister Pack	2.16.840.1.113883.5.1060
4-L	CARD	Card	2.16.840.1.113883.5.1060
3-L	DIALPK	Dial Pack	2.16.840.1.113883.5.1060
3-L	DISK	Disk	2.16.840.1.113883.5.1060
3-L	DOSET	Dosette	2.16.840.1.113883.5.1060
3-L	STRIP	Strip	2.16.840.1.113883.5.1060
2-S	KIT	Kit	2.16.840.1.113883.5.1060
3-L	SYSTEM	System	2.16.840.1.113883.5.1060
1-A	_AccessMedicalDevice	AccessMedicalDevice	2.16.840.1.113883.5.1060
2-S	LINE	Line	2.16.840.1.113883.5.1060
3-L	IALINE	Intra-arterial Line	2.16.840.1.113883.5.1060
3-L	IVLINE	Intravenous Line	2.16.840.1.113883.5.1060
1-A	_AdministrationMedicalDevice	AdministrationMedicalDevice	2.16.840.1.113883.5.1060
2-A	_InjectionMedicalDevice	InjectionMedicalDevice	2.16.840.1.113883.5.1060
3-L	AINJ	AutoInjector	2.16.840.1.113883.5.1060
3-L	PEN	Pen	2.16.840.1.113883.5.1060
3-L	SYR	Syringe	2.16.840.1.113883.5.1060

2-L	APLCTR	Applicator	2.16.840.1.113883.5.1060
2-S	INH	Inhaler	2.16.840.1.113883.5.1060
3-L	DSKS	Diskus	2.16.840.1.113883.5.1060
3-L	DSKUNH	Diskhaler	2.16.840.1.113883.5.1060
3-L	TRBINH	Turbuhaler	2.16.840.1.113883.5.1060
2-L	PMP	Pump	2.16.840.1.113883.5.1060
1-L	ABS	Abcess	2.16.840.1.113883.5.129
1-L	AMN	Amniotic fluid	2.16.840.1.113883.5.129
1-L	ASP	Aspirate	2.16.840.1.113883.5.129
1-L	BBL	Blood bag	2.16.840.1.113883.5.129
1-L	BDY	Whole body	2.16.840.1.113883.5.129
1-L	BIFL	Bile fluid	2.16.840.1.113883.5.129
1-L	BLD	Whole blood	2.16.840.1.113883.5.129
1-L	BLDA	Blood arterial	2.16.840.1.113883.5.129
1-L	BLDC	Blood capillary	2.16.840.1.113883.5.129
1-L	BLDCO	Blood - cord	2.16.840.1.113883.5.129
1-L	BLDV	Blood venous	2.16.840.1.113883.5.129
1-L	BON	Bone	2.16.840.1.113883.5.129
1-L	BPH	Basophils	2.16.840.1.113883.5.129
1-L	BPU	Blood product unit	2.16.840.1.113883.5.129
1-L	BRN	Burn	2.16.840.1.113883.5.129
1-L	BRO	Bronchial	2.16.840.1.113883.5.129

1-L	BRTH	Exhaled gas (=breath) Breath (use EXG)	2.16.840.1.113883.5.129
1-L	EXG	Exhaled gas (=breath) Breath (use EXG)	2.16.840.1.113883.5.129
1-L	CALC	Calculus (=Stone) Stone (use CALC)	2.16.840.1.113883.5.129
1-L	STON	Calculus (=Stone) Stone (use CALC)	2.16.840.1.113883.5.129
1-L	CDM	Cardiac muscle	2.16.840.1.113883.5.129
1-L	CNJT	Conjunctiva	2.16.840.1.113883.5.129
1-L	CNL	Cannula	2.16.840.1.113883.5.129
1-L	COL	Colostrum	2.16.840.1.113883.5.129
1-L	CRN	Cornea	2.16.840.1.113883.5.129
1-L	CSF	Cerebral spinal fluid	2.16.840.1.113883.5.129
1-L	CTP	Catheter tip	2.16.840.1.113883.5.129
1-L	CUR	Curettage	2.16.840.1.113883.5.129
1-L	CVM	Cervical mucus	2.16.840.1.113883.5.129
1-L	CVX	Cervix	2.16.840.1.113883.5.129
1-L	CYST	Cyst	2.16.840.1.113883.5.129
1-L	DIAF	Dialysis fluid	2.16.840.1.113883.5.129
1-L	DOSE	Dose med or substance	2.16.840.1.113883.5.129
1-L	DRN	Drain	2.16.840.1.113883.5.129
1-L	DUFL	Duodenal fluid	2.16.840.1.113883.5.129
1-L	EAR	Ear	2.16.840.1.113883.5.129
1-L	EARW	Ear wax (cerumen)	2.16.840.1.113883.5.129
1-L	ELT	Electrode	2.16.840.1.113883.5.129

1-L	ENDC	Endocardium	2.16.840.1.113883.5.129
1-L	ENDM	Endometrium	2.16.840.1.113883.5.129
1-L	EOS	Eosinophils	2.16.840.1.113883.5.129
1-L	EYE	Eye	2.16.840.1.113883.5.129
1-L	FIB	Fibroblasts	2.16.840.1.113883.5.129
1-L	FIST	Fistula	2.16.840.1.113883.5.129
1-L	FLT	Filter	2.16.840.1.113883.5.129
1-L	FLU	Body fluid, unsp	2.16.840.1.113883.5.129
1-L	FOOD	Food sample	2.16.840.1.113883.5.129
1-L	GAS	Gas	2.16.840.1.113883.5.129
1-L	GAST	Gastric fluid/contents	2.16.840.1.113883.5.129
1-L	GEN	Genital	2.16.840.1.113883.5.129
1-L	GENC	Genital cervix	2.16.840.1.113883.5.129
1-L	GENF	Genital fluid	2.16.840.1.113883.5.129
1-L	GENL	Genital lochia	2.16.840.1.113883.5.129
1-L	GENV	Genital vaginal	2.16.840.1.113883.5.129
1-L	HAR	Hair	2.16.840.1.113883.5.129
1-L	IHG	Inhaled Gas	2.16.840.1.113883.5.129
1-L	ISLT	Isolate	2.16.840.1.113883.5.129
1-L	IT	Intubation tube	2.16.840.1.113883.5.129
1-L	LAM	Lamella	2.16.840.1.113883.5.129
1-L	LIQ	Liquid NOS	2.16.840.1.113883.5.129

1-L	LN	Line	2.16.840.1.113883.5.129
1-L	LNA	Line arterial	2.16.840.1.113883.5.129
1-L	LNV	Line venous	2.16.840.1.113883.5.129
1-L	LYM	Lymphocytes	2.16.840.1.113883.5.129
1-L	MAC	Macrophages	2.16.840.1.113883.5.129
1-L	MAR	Marrow (bone)	2.16.840.1.113883.5.129
1-L	MBLD	Menstrual blood	2.16.840.1.113883.5.129
1-L	MEC	Meconium	2.16.840.1.113883.5.129
1-L	MILK	Breast milk	2.16.840.1.113883.5.129
1-L	MLK	Milk	2.16.840.1.113883.5.129
1-L	NAIL	Nail	2.16.840.1.113883.5.129
1-L	NOS	Nose (nasal passage)	2.16.840.1.113883.5.129
1-L	PAFL	Pancreatic fluid	2.16.840.1.113883.5.129
1-L	PAT	Patient	2.16.840.1.113883.5.129
1-L	PLAS	Plasma	2.16.840.1.113883.5.129
1-L	PLB	Plasma bag	2.16.840.1.113883.5.129
1-L	PLC	Placenta	2.16.840.1.113883.5.129
1-L	PLR	Pleural fluid (thoracentesis fld)	2.16.840.1.113883.5.129
1-L	PMN	Polymorphonuclear neutrophils	2.16.840.1.113883.5.129
1-L	PPP	Platelet poor plasma	2.16.840.1.113883.5.129
1-L	PRP	Platelet rich plasma	2.16.840.1.113883.5.129
1-L	PRT	Peritoneal fluid /ascites	2.16.840.1.113883.5.129

1-L	PUS	Pus	2.16.840.1.113883.5.129
1-L	RBC	Erythrocytes	2.16.840.1.113883.5.129
1-L	SAL	Saliva	2.16.840.1.113883.5.129
1-L	SER	Serum	2.16.840.1.113883.5.129
1-L	SKM	Skeletal muscle	2.16.840.1.113883.5.129
1-L	SKN	Skin	2.16.840.1.113883.5.129
1-L	SMN	Seminal fluid	2.16.840.1.113883.5.129
1-L	SMPLS	Seminal plasma	2.16.840.1.113883.5.129
1-L	SNV	Synovial fluid (Joint fluid)	2.16.840.1.113883.5.129
1-L	SPRM	Spermatozoa	2.16.840.1.113883.5.129
1-L	SPT	Sputum	2.16.840.1.113883.5.129
1-L	SPTC	Sputum - coughed	2.16.840.1.113883.5.129
1-L	SPTT	Sputum - tracheal aspirate	2.16.840.1.113883.5.129
1-L	STL	Stool = Fecal	2.16.840.1.113883.5.129
1-L	SWT	Sweat	2.16.840.1.113883.5.129
1-L	TEAR	Tears	2.16.840.1.113883.5.129
1-L	THRB	Thrombocyte (platelet)	2.16.840.1.113883.5.129
1-L	THRT	Throat	2.16.840.1.113883.5.129
1-L	TISG	Tissue gall bladder	2.16.840.1.113883.5.129
1-L	TISPL	Tissue placenta	2.16.840.1.113883.5.129
1-L	TISS	Tissue, unspecified	2.16.840.1.113883.5.129
1-L	TISU	Tissue ulcer	2.16.840.1.113883.5.129

1-L	TLGI	Tissue large intestine	2.16.840.1.113883.5.129
1-L	TLNG	Tissue lung	2.16.840.1.113883.5.129
1-L	TSMI	Tissue small intestine Tissue ulcer	2.16.840.1.113883.5.129
1-L	TUB	Tube, unspecified	2.16.840.1.113883.5.129
1-L	ULC	Ulcer	2.16.840.1.113883.5.129
1-L	UMB	Umbilical blood	2.16.840.1.113883.5.129
1-L	UMED	Unknown medicine	2.16.840.1.113883.5.129
1-L	UR	Urine	2.16.840.1.113883.5.129
1-L	URC	Urine clean catch	2.16.840.1.113883.5.129
1-L	URNS	Urine sediment	2.16.840.1.113883.5.129
1-L	URT	Urine catheter	2.16.840.1.113883.5.129
1-L	URTH	Urethra	2.16.840.1.113883.5.129
1-L	USUB	Unknown substance	2.16.840.1.113883.5.129
1-L	VOM	Vomitus	2.16.840.1.113883.5.129
1-L	WAT	Water	2.16.840.1.113883.5.129
1-L	WBC	Leukocytes	2.16.840.1.113883.5.129
1-L	WICK	Wick	2.16.840.1.113883.5.129
1-L	WND	Wound	2.16.840.1.113883.5.129
1-L	WNDA	Wound abscess	2.16.840.1.113883.5.129
1-L	WNDD	Wound drainage	2.16.840.1.113883.5.129
1-L	WNDE	Wound exudate	2.16.840.1.113883.5.129
0-L	VCCNE	Vaccine	2.16.840.1.113883.5.1060

1-L	ACDA	ACD Solution A	2.16.840.1.113883.5.1060
1-L	ACDB	ACD Solution B	2.16.840.1.113883.5.1060
1-L	ACET	Acetic Acid	2.16.840.1.113883.5.1060
1-L	AMIES	Amies transport medium	2.16.840.1.113883.5.1060
1-L	BACTM	Bacterial Transport medium	2.16.840.1.113883.5.1060
1-L	BF10	Buffered 10% formalin	2.16.840.1.113883.5.1060
1-L	BOR	Boric Acid	2.16.840.1.113883.5.1060
1-L	BOUIN	Bouin's solution	2.16.840.1.113883.5.1060
1-L	BSKM	Buffered skim milk	2.16.840.1.113883.5.1060
1-L	C32	3.2% Citrate	2.16.840.1.113883.5.1060
1-L	C38	3.8% Citrate	2.16.840.1.113883.5.1060
1-L	CARS	Carson's Modified 10% formalin	2.16.840.1.113883.5.1060
1-L	CARY	Cary Blair Medium	2.16.840.1.113883.5.1060
1-L	CHLTM	Chlamydia transport medium	2.16.840.1.113883.5.1060
1-L	CTAD	CTAD	2.16.840.1.113883.5.1060
1-L	EDTK15	Potassium/K EDTA 15%	2.16.840.1.113883.5.1060
1-L	EDTK75	Potassium/K EDTA 7.5%	2.16.840.1.113883.5.1060
1-L	EDTN	Sodium/Na EDTA	2.16.840.1.113883.5.1060
1-L	ENT	Enteric bacteria transport medium	2.16.840.1.113883.5.1060
1-L	F10	10% Formalin	2.16.840.1.113883.5.1060
1-L	FDP	Thrombin NIH; soybean trypsin inhibitor	2.16.840.1.113883.5.1060
1-L	FL10	Sodium Fluoride, 10mg	2.16.840.1.113883.5.1060

1-L	FL100	Sodium Fluoride, 100mg	2.16.840.1.113883.5.1060
1-L	HCL6	6N HCL	2.16.840.1.113883.5.1060
1-L	HEPA	Ammonium heparin	2.16.840.1.113883.5.1060
1-L	HEPL	Lithium/Li Heparin	2.16.840.1.113883.5.1060
1-L	HEPN	Sodium/Na Heparin	2.16.840.1.113883.5.1060
1-L	HNO3	Nitric Acid	2.16.840.1.113883.5.1060
1-L	JKM	Jones Kendrick Medium	2.16.840.1.113883.5.1060
1-L	KARN	Karnovsky's fixative	2.16.840.1.113883.5.1060
1-L	KOX	Potassium Oxalate	2.16.840.1.113883.5.1060
1-L	LIA	Lithium iodoacetate	2.16.840.1.113883.5.1060
1-L	M4	M4	2.16.840.1.113883.5.1060
1-L	M4RT	M4-RT	2.16.840.1.113883.5.1060
1-L	M5	M5	2.16.840.1.113883.5.1060
1-L	MICHTM	Michel's transport medium	2.16.840.1.113883.5.1060
1-L	MMDTM	MMD transport medium	2.16.840.1.113883.5.1060
1-L	NAF	Sodium Fluoride	2.16.840.1.113883.5.1060
1-L	NONE	None	2.16.840.1.113883.5.1060
1-L	PAGE	Page's Saline	2.16.840.1.113883.5.1060
1-L	PHENOL	Phenol	2.16.840.1.113883.5.1060
1-L	PVA	Polyvinylalcohol	2.16.840.1.113883.5.1060
1-L	RLM	Reagan Lowe Medium	2.16.840.1.113883.5.1060
1-L	SILICA	Siliceous earth	2.16.840.1.113883.5.1060

1-L	SPS	Sodium polyanethol sulfonate 0.35% in 0.85% sodium chloride	2.16.840.1.113883.5.1060
1-L	SST	Serum Separator Tube	2.16.840.1.113883.5.1060
1-L	STUTM	Stuart transport medium	2.16.840.1.113883.5.1060
1-L	THROM	Thrombin	2.16.840.1.113883.5.1060
1-L	THYMOL	Thymol	2.16.840.1.113883.5.1060
1-L	THYO	Thyoglycolate broth	2.16.840.1.113883.5.1060
1-L	TOLU	Toluene	2.16.840.1.113883.5.1060
1-L	URETM	Ureaplasma transport medium	2.16.840.1.113883.5.1060
1-L	VIRTM	Viral Transport medium	2.16.840.1.113883.5.1060
1-L	WEST	Buffered Citrate	2.16.840.1.113883.5.1060
1-S	PKG	Package	2.16.840.1.113883.5.1060
2-A	_NonRigidContainerEntityType	NonRigidContainerEntityType	2.16.840.1.113883.5.1060
3-L	BAG	Bag	2.16.840.1.113883.5.1060
3-L	PACKT	Packet	2.16.840.1.113883.5.1060
3-L	PCH	Pouch	2.16.840.1.113883.5.1060
3-L	SACH	Sachet	2.16.840.1.113883.5.1060
2-A	_RigidContainerEntityType	RigidContainerEntityType	2.16.840.1.113883.5.1060
3-A	_IndividualPackageEntityType	IndividualPackageEntityType	2.16.840.1.113883.5.1060
4-L	AMP	Ampule	2.16.840.1.113883.5.1060
4-L	MINIM	Minim	2.16.840.1.113883.5.1060
4-L	NEBAMP	Nebuamp	2.16.840.1.113883.5.1060
4-L	OVUL	Ovule	2.16.840.1.113883.5.1060

3-A	_MultiUseContainerEntityType	MultiUseContainerEntityType	2.16.840.1.113883.5.1060
4-S	BOT	Bottle	2.16.840.1.113883.5.1060
5-L	BOTA	Amber Bottle	2.16.840.1.113883.5.1060
5-L	BOTD	Dropper Bottle	2.16.840.1.113883.5.1060
5-L	BOTG	Glass Bottle	2.16.840.1.113883.5.1060
5-S	BOTP	Plastic Bottle	2.16.840.1.113883.5.1060
6-L	BOTPLY	Polyethylene Bottle	2.16.840.1.113883.5.1060
4-L	BOX	Box	2.16.840.1.113883.5.1060
4-L	CAN	Can	2.16.840.1.113883.5.1060
4-L	CART	Cartridge	2.16.840.1.113883.5.1060
4-L	CNSTR	Canister	2.16.840.1.113883.5.1060
4-L	JAR	Jar	2.16.840.1.113883.5.1060
4-L	JUG	Jug	2.16.840.1.113883.5.1060
4-L	TIN	Tin	2.16.840.1.113883.5.1060
4-L	TUB	Tub	2.16.840.1.113883.5.1060
4-L	TUBE	Tube	2.16.840.1.113883.5.1060
4-L	VIAL	Vial	2.16.840.1.113883.5.1060
3-S	BLSTRPK	Blister Pack	2.16.840.1.113883.5.1060
4-L	CARD	Card	2.16.840.1.113883.5.1060
2-S	COMPPKG	Compliance Package	2.16.840.1.113883.5.1060
3-S	BLSTRPK	Blister Pack	2.16.840.1.113883.5.1060
4-L	CARD	Card	2.16.840.1.113883.5.1060

3-L	DIALPK	Dial Pack	2.16.840.1.113883.5.1060
3-L	DISK	Disk	2.16.840.1.113883.5.1060
3-L	DOSET	Dosette	2.16.840.1.113883.5.1060
3-L	STRIP	Strip	2.16.840.1.113883.5.1060
2-S	KIT	Kit	2.16.840.1.113883.5.1060
3-L	SYSTM	System	2.16.840.1.113883.5.1060
1-A	_AccessMedicalDevice	AccessMedicalDevice	2.16.840.1.113883.5.1060
2-S	LINE	Line	2.16.840.1.113883.5.1060
3-L	IALINE	Intra-arterial Line	2.16.840.1.113883.5.1060
3-L	IVLINE	Intravenous Line	2.16.840.1.113883.5.1060
1-A	_AdministrationMedicalDevice	AdministrationMedicalDevice	2.16.840.1.113883.5.1060
2-A	_InjectionMedicalDevice	InjectionMedicalDevice	2.16.840.1.113883.5.1060
3-L	AINJ	AutoInjector	2.16.840.1.113883.5.1060
3-L	PEN	Pen	2.16.840.1.113883.5.1060
3-L	SYR	Syringe	2.16.840.1.113883.5.1060
2-L	APLCTR	Applicator	2.16.840.1.113883.5.1060
2-S	INH	Inhaler	2.16.840.1.113883.5.1060
3-L	DSKS	Diskus	2.16.840.1.113883.5.1060
3-L	DSKUNH	Diskhaler	2.16.840.1.113883.5.1060
3-L	TRBINH	Turbuhaler	2.16.840.1.113883.5.1060
2-L	PMP	Pump	2.16.840.1.113883.5.1060
0-L	VCCNE	Vaccine	2.16.840.1.113883.5.1060

1-L	BED	Bed Location	2.16.840.1.113883.5.1060
1-L	BLDG	Building Location	2.16.840.1.113883.5.1060
1-L	FLOOR	Floor Location	2.16.840.1.113883.5.1060
1-L	ROOM	Room Location	2.16.840.1.113883.5.1060
1-L	WING	Wing Location	2.16.840.1.113883.5.1060
0-A	_OrganizationEntityType	OrganizationEntityType	2.16.840.1.113883.5.1060
1-L	HHOLD	household	2.16.840.1.113883.5.1060
1-L	NAT	NationEntityType	2.16.840.1.113883.5.1060
1-L	RELIG	religious institution	2.16.840.1.113883.5.1060
0-L	PRAC	PractitionerGroup	2.16.840.1.113883.5.1060
0-L	VCCNE	Vaccine	2.16.840.1.113883.5.1060
0-L	BLDPRD	Blood Product	2.16.840.1.113883.5.1060
0-L	VCCNE	Vaccine	2.16.840.1.113883.5.1060

Legenda: Type L=leaf, S=specializable, A=abstract, D=deprecated. NullFlavors to appear in @nullFlavor attribute instead of @code.

6.1.16 ○ EntityCode 2.16.840.1.113883.1.11.16040 - 2011-07-26 (DEFN=UV=VO=1099-20110726) ref (from repository: ad2bbr-)

Id	2.16.840.1.113883.1.11.16040 ref ad2bbr-	Effective Date	2011-07-26 Other versions this id: <ul style="list-style-type: none"> ● EntityCodeDEFN=UV=VO=1360-20160323 - as of 2014-03-26 ref ad2bbr-
Status	● Final	Version Label	DEFN=UV=VO=1099-20110726
Name	EntityCode	Display Name	EntityCode
Description	description:		

A value representing the specific kind of Entity the instance represents.

Examples: A medical building, a Doberman Pinscher, a blood collection tube, a tissue biopsy.

Rationale: For each Entity, the value for this attribute is drawn from one of several coding systems depending on the Entity classCode, such as living subjects (animal and plant taxonomies), chemical substance (e.g., IUPAC code), organizations, insurance company, government agency, hospital, park, lake, syringe, etc. It is possible that Entity.code may be so fine grained that it represents a single instance. An example is the CDC vaccine manufacturer code, modeled as a concept vocabulary, when in fact each concept refers to a single instance.

A valid code from the code system:

Code System Name	Code System Id	Code System Version
iso3166-1	1.0.3166.1	

Or one of the following:

3 Source Code Systems
2.16.840.1.113883.5.1060
2.16.840.1.113883.5.129
1.0.3166.1

Level/ Type	Code	Display Name	Code System
1-A	_ContainerEntityType	ContainerEntityType	2.16.840.1.113883.5.1060
2-S	PKG	Package	2.16.840.1.113883.5.1060
3-A	_NonRigidContainerEntityType	NonRigidContainerEntityType	2.16.840.1.113883.5.1060
4-L	BAG	Bag	2.16.840.1.113883.5.1060
4-L	PACKT	Packet	2.16.840.1.113883.5.1060
4-L	PCH	Pouch	2.16.840.1.113883.5.1060
4-L	SACH	Sachet	2.16.840.1.113883.5.1060
3-A	_RigidContainerEntityType	RigidContainerEntityType	2.16.840.1.113883.5.1060
4-A	_IndividualPackageEntityType	IndividualPackageEntityType	2.16.840.1.113883.5.1060

5-L	AMP	Ampule	2.16.840.1.113883.5.1060
5-L	MINIM	Minim	2.16.840.1.113883.5.1060
5-L	NEBAMP	Nebuamp	2.16.840.1.113883.5.1060
5-L	OVUL	Ovule	2.16.840.1.113883.5.1060
4-A	_MultiUseContainerEntityType	MultiUseContainerEntityType	2.16.840.1.113883.5.1060
5-S	BOT	Bottle	2.16.840.1.113883.5.1060
6-L	BOTA	Amber Bottle	2.16.840.1.113883.5.1060
6-L	BOTD	Dropper Bottle	2.16.840.1.113883.5.1060
6-L	BOTG	Glass Bottle	2.16.840.1.113883.5.1060
6-S	BOTP	Plastic Bottle	2.16.840.1.113883.5.1060
7-L	BOTPLY	Polyethylene Bottle	2.16.840.1.113883.5.1060
5-L	BOX	Box	2.16.840.1.113883.5.1060
5-L	CAN	Can	2.16.840.1.113883.5.1060
5-L	CART	Cartridge	2.16.840.1.113883.5.1060
5-L	CNSTR	Canister	2.16.840.1.113883.5.1060
5-L	JAR	Jar	2.16.840.1.113883.5.1060
5-L	JUG	Jug	2.16.840.1.113883.5.1060
5-L	TIN	Tin	2.16.840.1.113883.5.1060
5-L	TUB	Tub	2.16.840.1.113883.5.1060
5-L	TUBE	Tube	2.16.840.1.113883.5.1060
5-L	VIAL	Vial	2.16.840.1.113883.5.1060
4-S	BLSTRPK	Blister Pack	2.16.840.1.113883.5.1060

5-L	CARD	Card	2.16.840.1.113883.5.1060
3-S	COMPPKG	Compliance Package	2.16.840.1.113883.5.1060
4-S	BLSTRPK	Blister Pack	2.16.840.1.113883.5.1060
5-L	CARD	Card	2.16.840.1.113883.5.1060
4-L	DIALPK	Dial Pack	2.16.840.1.113883.5.1060
4-L	DISK	Disk	2.16.840.1.113883.5.1060
4-L	DOSET	Dosette	2.16.840.1.113883.5.1060
4-L	STRIP	Strip	2.16.840.1.113883.5.1060
3-S	KIT	Kit	2.16.840.1.113883.5.1060
4-L	SYSTM	System	2.16.840.1.113883.5.1060
1-A	_MedicalDevice	MedicalDevice	2.16.840.1.113883.5.1060
2-A	_AccessMedicalDevice	AccessMedicalDevice	2.16.840.1.113883.5.1060
3-S	LINE	Line	2.16.840.1.113883.5.1060
4-L	IALINE	Intra-arterial Line	2.16.840.1.113883.5.1060
4-L	IVLINE	Intravenous Line	2.16.840.1.113883.5.1060
2-A	_AdministrationMedicalDevice	AdministrationMedicalDevice	2.16.840.1.113883.5.1060
3-A	_InjectionMedicalDevice	InjectionMedicalDevice	2.16.840.1.113883.5.1060
4-L	AINJ	AutoInjector	2.16.840.1.113883.5.1060
4-L	PEN	Pen	2.16.840.1.113883.5.1060
4-L	SYR	Syringe	2.16.840.1.113883.5.1060
3-L	APLCTR	Applicator	2.16.840.1.113883.5.1060
3-S	INH	Inhaler	2.16.840.1.113883.5.1060

4-L	DSKS	Diskus	2.16.840.1.113883.5.1060
4-L	DSKUNH	Diskhaler	2.16.840.1.113883.5.1060
4-L	TRBINH	Turbuhaler	2.16.840.1.113883.5.1060
3-L	PMP	Pump	2.16.840.1.113883.5.1060
1-A	_SpecimenAdditiveEntity	SpecimenAdditiveEntity	2.16.840.1.113883.5.1060
2-L	ACDA	ACD Solution A	2.16.840.1.113883.5.1060
2-L	ACDB	ACD Solution B	2.16.840.1.113883.5.1060
2-L	ACET	Acetic Acid	2.16.840.1.113883.5.1060
2-L	AMIES	Amies transport medium	2.16.840.1.113883.5.1060
2-L	BACTM	Bacterial Transport medium	2.16.840.1.113883.5.1060
2-L	BF10	Buffered 10% formalin	2.16.840.1.113883.5.1060
2-L	BOR	Boric Acid	2.16.840.1.113883.5.1060
2-L	BOUIN	Bouin's solution	2.16.840.1.113883.5.1060
2-L	BSKM	Buffered skim milk	2.16.840.1.113883.5.1060
2-L	C32	3.2% Citrate	2.16.840.1.113883.5.1060
2-L	C38	3.8% Citrate	2.16.840.1.113883.5.1060
2-L	CARS	Carson's Modified 10% formalin	2.16.840.1.113883.5.1060
2-L	CARY	Cary Blair Medium	2.16.840.1.113883.5.1060
2-L	CHLTM	Chlamydia transport medium	2.16.840.1.113883.5.1060
2-L	CTAD	CTAD	2.16.840.1.113883.5.1060
2-L	EDTK15	Potassium/K EDTA 15%	2.16.840.1.113883.5.1060
2-L	EDTK75	Potassium/K EDTA 7.5%	2.16.840.1.113883.5.1060

2-L	EDTN	Sodium/Na EDTA	2.16.840.1.113883.5.1060
2-L	ENT	Enteric bacteria transport medium	2.16.840.1.113883.5.1060
2-L	F10	10% Formalin	2.16.840.1.113883.5.1060
2-L	FDP	Thrombin NIH; soybean trypsin inhibitor	2.16.840.1.113883.5.1060
2-L	FL10	Sodium Fluoride, 10mg	2.16.840.1.113883.5.1060
2-L	FL100	Sodium Fluoride, 100mg	2.16.840.1.113883.5.1060
2-L	HCL6	6N HCL	2.16.840.1.113883.5.1060
2-L	HEPA	Ammonium heparin	2.16.840.1.113883.5.1060
2-L	HEPL	Lithium/Li Heparin	2.16.840.1.113883.5.1060
2-L	HEPN	Sodium/Na Heparin	2.16.840.1.113883.5.1060
2-L	HNO3	Nitric Acid	2.16.840.1.113883.5.1060
2-L	JKM	Jones Kendrick Medium	2.16.840.1.113883.5.1060
2-L	KARN	Karnovsky's fixative	2.16.840.1.113883.5.1060
2-L	KOX	Potassium Oxalate	2.16.840.1.113883.5.1060
2-L	LIA	Lithium iodoacetate	2.16.840.1.113883.5.1060
2-L	M4	M4	2.16.840.1.113883.5.1060
2-L	M4RT	M4-RT	2.16.840.1.113883.5.1060
2-L	M5	M5	2.16.840.1.113883.5.1060
2-L	MICHTM	Michel's transport medium	2.16.840.1.113883.5.1060
2-L	MMDTM	MMD transport medium	2.16.840.1.113883.5.1060
2-L	NAF	Sodium Fluoride	2.16.840.1.113883.5.1060
2-L	NONE	None	2.16.840.1.113883.5.1060

2-L	PAGE	Page's Saline	2.16.840.1.113883.5.1060
2-L	PHENOL	Phenol	2.16.840.1.113883.5.1060
2-L	PVA	Polyvinylalcohol	2.16.840.1.113883.5.1060
2-L	RLM	Reagan Lowe Medium	2.16.840.1.113883.5.1060
2-L	SILICA	Siliceous earth	2.16.840.1.113883.5.1060
2-L	SPS	Sodium polyanethol sulfonate 0.35% in 0.85% sodium chloride	2.16.840.1.113883.5.1060
2-L	SST	Serum Separator Tube	2.16.840.1.113883.5.1060
2-L	STUTM	Stuart transport medium	2.16.840.1.113883.5.1060
2-L	THROM	Thrombin	2.16.840.1.113883.5.1060
2-L	THYMOL	Thymol	2.16.840.1.113883.5.1060
2-L	THYO	Thyoglycolate broth	2.16.840.1.113883.5.1060
2-L	TOLU	Toluene	2.16.840.1.113883.5.1060
2-L	URETM	Ureaplasma transport medium	2.16.840.1.113883.5.1060
2-L	VIRTM	Viral Transport medium	2.16.840.1.113883.5.1060
2-L	WEST	Buffered Citrate	2.16.840.1.113883.5.1060
1-L	BLDPRD	Blood Product	2.16.840.1.113883.5.1060
1-L	VCCNE	Vaccine	2.16.840.1.113883.5.1060
1-L	ACDA	ACD Solution A	2.16.840.1.113883.5.1060
1-L	ACDB	ACD Solution B	2.16.840.1.113883.5.1060
1-L	ACET	Acetic Acid	2.16.840.1.113883.5.1060
1-L	AMIES	Amies transport medium	2.16.840.1.113883.5.1060
1-L	BACTM	Bacterial Transport medium	2.16.840.1.113883.5.1060

1-L	BF10	Buffered 10% formalin	2.16.840.1.113883.5.1060
1-L	BOR	Boric Acid	2.16.840.1.113883.5.1060
1-L	BOUIN	Bouin's solution	2.16.840.1.113883.5.1060
1-L	BSKM	Buffered skim milk	2.16.840.1.113883.5.1060
1-L	C32	3.2% Citrate	2.16.840.1.113883.5.1060
1-L	C38	3.8% Citrate	2.16.840.1.113883.5.1060
1-L	CARS	Carson's Modified 10% formalin	2.16.840.1.113883.5.1060
1-L	CARY	Cary Blair Medium	2.16.840.1.113883.5.1060
1-L	CHLTM	Chlamydia transport medium	2.16.840.1.113883.5.1060
1-L	CTAD	CTAD	2.16.840.1.113883.5.1060
1-L	EDTK15	Potassium/K EDTA 15%	2.16.840.1.113883.5.1060
1-L	EDTK75	Potassium/K EDTA 7.5%	2.16.840.1.113883.5.1060
1-L	EDTN	Sodium/Na EDTA	2.16.840.1.113883.5.1060
1-L	ENT	Enteric bacteria transport medium	2.16.840.1.113883.5.1060
1-L	F10	10% Formalin	2.16.840.1.113883.5.1060
1-L	FDP	Thrombin NIH; soybean trypsin inhibitor	2.16.840.1.113883.5.1060
1-L	FL10	Sodium Fluoride, 10mg	2.16.840.1.113883.5.1060
1-L	FL100	Sodium Fluoride, 100mg	2.16.840.1.113883.5.1060
1-L	HCL6	6N HCL	2.16.840.1.113883.5.1060
1-L	HEPA	Ammonium heparin	2.16.840.1.113883.5.1060
1-L	HEPL	Lithium/Li Heparin	2.16.840.1.113883.5.1060
1-L	HEPN	Sodium/Na Heparin	2.16.840.1.113883.5.1060

1-L	HNO3	Nitric Acid	2.16.840.1.113883.5.1060
1-L	JKM	Jones Kendrick Medium	2.16.840.1.113883.5.1060
1-L	KARN	Karnovsky's fixative	2.16.840.1.113883.5.1060
1-L	KOX	Potassium Oxalate	2.16.840.1.113883.5.1060
1-L	LIA	Lithium iodoacetate	2.16.840.1.113883.5.1060
1-L	M4	M4	2.16.840.1.113883.5.1060
1-L	M4RT	M4-RT	2.16.840.1.113883.5.1060
1-L	M5	M5	2.16.840.1.113883.5.1060
1-L	MICHTM	Michel's transport medium	2.16.840.1.113883.5.1060
1-L	MMDTM	MMD transport medium	2.16.840.1.113883.5.1060
1-L	NAF	Sodium Fluoride	2.16.840.1.113883.5.1060
1-L	NONE	None	2.16.840.1.113883.5.1060
1-L	PAGE	Page's Saline	2.16.840.1.113883.5.1060
1-L	PHENOL	Phenol	2.16.840.1.113883.5.1060
1-L	PVA	Polyvinylalcohol	2.16.840.1.113883.5.1060
1-L	RLM	Reagan Lowe Medium	2.16.840.1.113883.5.1060
1-L	SILICA	Siliceous earth	2.16.840.1.113883.5.1060
1-L	SPS	Sodium polyanethol sulfonate 0.35% in 0.85% sodium chloride	2.16.840.1.113883.5.1060
1-L	SST	Serum Separator Tube	2.16.840.1.113883.5.1060
1-L	STUTM	Stuart transport medium	2.16.840.1.113883.5.1060
1-L	THROM	Thrombin	2.16.840.1.113883.5.1060
1-L	THYMOL	Thymol	2.16.840.1.113883.5.1060

1-L	THYO	Thyoglycolate broth	2.16.840.1.113883.5.1060
1-L	TOLU	Toluene	2.16.840.1.113883.5.1060
1-L	URETM	Ureaplasma transport medium	2.16.840.1.113883.5.1060
1-L	VIRTM	Viral Transport medium	2.16.840.1.113883.5.1060
1-L	WEST	Buffered Citrate	2.16.840.1.113883.5.1060
1-S	PKG	Package	2.16.840.1.113883.5.1060
2-A	_NonRigidContainerEntityType	NonRigidContainerEntityType	2.16.840.1.113883.5.1060
3-L	BAG	Bag	2.16.840.1.113883.5.1060
3-L	PACKT	Packet	2.16.840.1.113883.5.1060
3-L	PCH	Pouch	2.16.840.1.113883.5.1060
3-L	SACH	Sachet	2.16.840.1.113883.5.1060
2-A	_RigidContainerEntityType	RigidContainerEntityType	2.16.840.1.113883.5.1060
3-A	_IndividualPackageEntityType	IndividualPackageEntityType	2.16.840.1.113883.5.1060
4-L	AMP	Ampule	2.16.840.1.113883.5.1060
4-L	MINIM	Minim	2.16.840.1.113883.5.1060
4-L	NEBAMP	Nebuamp	2.16.840.1.113883.5.1060
4-L	OVUL	Ovule	2.16.840.1.113883.5.1060
3-A	_MultiUseContainerEntityType	MultiUseContainerEntityType	2.16.840.1.113883.5.1060
4-S	BOT	Bottle	2.16.840.1.113883.5.1060
5-L	BOTA	Amber Bottle	2.16.840.1.113883.5.1060
5-L	BOTD	Dropper Bottle	2.16.840.1.113883.5.1060
5-L	BOTG	Glass Bottle	2.16.840.1.113883.5.1060

5-S	BOTP	Plastic Bottle	2.16.840.1.113883.5.1060
6-L	BOTPLY	Polyethylene Bottle	2.16.840.1.113883.5.1060
4-L	BOX	Box	2.16.840.1.113883.5.1060
4-L	CAN	Can	2.16.840.1.113883.5.1060
4-L	CART	Cartridge	2.16.840.1.113883.5.1060
4-L	CNSTR	Canister	2.16.840.1.113883.5.1060
4-L	JAR	Jar	2.16.840.1.113883.5.1060
4-L	JUG	Jug	2.16.840.1.113883.5.1060
4-L	TIN	Tin	2.16.840.1.113883.5.1060
4-L	TUB	Tub	2.16.840.1.113883.5.1060
4-L	TUBE	Tube	2.16.840.1.113883.5.1060
4-L	VIAL	Vial	2.16.840.1.113883.5.1060
3-S	BLSTRPK	Blister Pack	2.16.840.1.113883.5.1060
4-L	CARD	Card	2.16.840.1.113883.5.1060
2-S	COMPPKG	Compliance Package	2.16.840.1.113883.5.1060
3-S	BLSTRPK	Blister Pack	2.16.840.1.113883.5.1060
4-L	CARD	Card	2.16.840.1.113883.5.1060
3-L	DIALPK	Dial Pack	2.16.840.1.113883.5.1060
3-L	DISK	Disk	2.16.840.1.113883.5.1060
3-L	DOSET	Dosette	2.16.840.1.113883.5.1060
3-L	STRIP	Strip	2.16.840.1.113883.5.1060
2-S	KIT	Kit	2.16.840.1.113883.5.1060

3-L	SYSTM	System	2.16.840.1.113883.5.1060
1-A	_AccessMedicalDevice	AccessMedicalDevice	2.16.840.1.113883.5.1060
2-S	LINE	Line	2.16.840.1.113883.5.1060
3-L	IALINE	Intra-arterial Line	2.16.840.1.113883.5.1060
3-L	IVLINE	Intravenous Line	2.16.840.1.113883.5.1060
1-A	_AdministrationMedicalDevice	AdministrationMedicalDevice	2.16.840.1.113883.5.1060
2-A	_InjectionMedicalDevice	InjectionMedicalDevice	2.16.840.1.113883.5.1060
3-L	AINJ	AutoInjector	2.16.840.1.113883.5.1060
3-L	PEN	Pen	2.16.840.1.113883.5.1060
3-L	SYR	Syringe	2.16.840.1.113883.5.1060
2-L	APLCTR	Applicator	2.16.840.1.113883.5.1060
2-S	INH	Inhaler	2.16.840.1.113883.5.1060
3-L	DSKS	Diskus	2.16.840.1.113883.5.1060
3-L	DSKUNH	Diskhaler	2.16.840.1.113883.5.1060
3-L	TRBINH	Turbuhaler	2.16.840.1.113883.5.1060
2-L	PMP	Pump	2.16.840.1.113883.5.1060
1-L	ABS	Abcess	2.16.840.1.113883.5.129
1-L	AMN	Amniotic fluid	2.16.840.1.113883.5.129
1-L	ASP	Aspirate	2.16.840.1.113883.5.129
1-L	BBL	Blood bag	2.16.840.1.113883.5.129
1-L	BDY	Whole body	2.16.840.1.113883.5.129
1-L	BIFL	Bile fluid	2.16.840.1.113883.5.129

1-L	BLD	Whole blood	2.16.840.1.113883.5.129
1-L	BLDA	Blood arterial	2.16.840.1.113883.5.129
1-L	BLDC	Blood capillary	2.16.840.1.113883.5.129
1-L	BLDCO	Blood - cord	2.16.840.1.113883.5.129
1-L	BLDV	Blood venous	2.16.840.1.113883.5.129
1-L	BON	Bone	2.16.840.1.113883.5.129
1-L	BPH	Basophils	2.16.840.1.113883.5.129
1-L	BPU	Blood product unit	2.16.840.1.113883.5.129
1-L	BRN	Burn	2.16.840.1.113883.5.129
1-L	BRO	Bronchial	2.16.840.1.113883.5.129
1-L	BRTH	Exhaled gas (=breath) Breath (use EXG)	2.16.840.1.113883.5.129
1-L	EXG	Exhaled gas (=breath) Breath (use EXG)	2.16.840.1.113883.5.129
1-L	CALC	Calculus (=Stone) Stone (use CALC)	2.16.840.1.113883.5.129
1-L	STON	Calculus (=Stone) Stone (use CALC)	2.16.840.1.113883.5.129
1-L	CDM	Cardiac muscle	2.16.840.1.113883.5.129
1-L	CNJT	Conjunctiva	2.16.840.1.113883.5.129
1-L	CNL	Cannula	2.16.840.1.113883.5.129
1-L	COL	Colostrum	2.16.840.1.113883.5.129
1-L	CRN	Cornea	2.16.840.1.113883.5.129
1-L	CSF	Cerebral spinal fluid	2.16.840.1.113883.5.129
1-L	CTP	Catheter tip	2.16.840.1.113883.5.129
1-L	CUR	Curettage	2.16.840.1.113883.5.129

1-L	CVM	Cervical mucus	2.16.840.1.113883.5.129
1-L	CVX	Cervix	2.16.840.1.113883.5.129
1-L	CYST	Cyst	2.16.840.1.113883.5.129
1-L	DIAF	Dialysis fluid	2.16.840.1.113883.5.129
1-L	DOSE	Dose med or substance	2.16.840.1.113883.5.129
1-L	DRN	Drain	2.16.840.1.113883.5.129
1-L	DUFL	Duodenal fluid	2.16.840.1.113883.5.129
1-L	EAR	Ear	2.16.840.1.113883.5.129
1-L	EARW	Ear wax (cerumen)	2.16.840.1.113883.5.129
1-L	ELT	Electrode	2.16.840.1.113883.5.129
1-L	ENDC	Endocardium	2.16.840.1.113883.5.129
1-L	ENDM	Endometrium	2.16.840.1.113883.5.129
1-L	EOS	Eosinophils	2.16.840.1.113883.5.129
1-L	EYE	Eye	2.16.840.1.113883.5.129
1-L	FIB	Fibroblasts	2.16.840.1.113883.5.129
1-L	FIST	Fistula	2.16.840.1.113883.5.129
1-L	FLT	Filter	2.16.840.1.113883.5.129
1-L	FLU	Body fluid, unsp	2.16.840.1.113883.5.129
1-L	FOOD	Food sample	2.16.840.1.113883.5.129
1-L	GAS	Gas	2.16.840.1.113883.5.129
1-L	GAST	Gastric fluid/contents	2.16.840.1.113883.5.129
1-L	GEN	Genital	2.16.840.1.113883.5.129

1-L	GENC	Genital cervix	2.16.840.1.113883.5.129
1-L	GENF	Genital fluid	2.16.840.1.113883.5.129
1-L	GENL	Genital lochia	2.16.840.1.113883.5.129
1-L	GENV	Genital vaginal	2.16.840.1.113883.5.129
1-L	HAR	Hair	2.16.840.1.113883.5.129
1-L	IHG	Inhaled Gas	2.16.840.1.113883.5.129
1-L	ISLT	Isolate	2.16.840.1.113883.5.129
1-L	IT	Intubation tube	2.16.840.1.113883.5.129
1-L	LAM	Lamella	2.16.840.1.113883.5.129
1-L	LIQ	Liquid NOS	2.16.840.1.113883.5.129
1-L	LN	Line	2.16.840.1.113883.5.129
1-L	LNA	Line arterial	2.16.840.1.113883.5.129
1-L	LNV	Line venous	2.16.840.1.113883.5.129
1-L	LYM	Lymphocytes	2.16.840.1.113883.5.129
1-L	MAC	Macrophages	2.16.840.1.113883.5.129
1-L	MAR	Marrow (bone)	2.16.840.1.113883.5.129
1-L	MBLD	Menstrual blood	2.16.840.1.113883.5.129
1-L	MEC	Meconium	2.16.840.1.113883.5.129
1-L	MILK	Breast milk	2.16.840.1.113883.5.129
1-L	MLK	Milk	2.16.840.1.113883.5.129
1-L	NAIL	Nail	2.16.840.1.113883.5.129
1-L	NOS	Nose (nasal passage)	2.16.840.1.113883.5.129

1-L	PAFL	Pancreatic fluid	2.16.840.1.113883.5.129
1-L	PAT	Patient	2.16.840.1.113883.5.129
1-L	PLAS	Plasma	2.16.840.1.113883.5.129
1-L	PLB	Plasma bag	2.16.840.1.113883.5.129
1-L	PLC	Placenta	2.16.840.1.113883.5.129
1-L	PLR	Pleural fluid (thoracentesis fld)	2.16.840.1.113883.5.129
1-L	PMN	Polymorphonuclear neutrophils	2.16.840.1.113883.5.129
1-L	PPP	Platelet poor plasma	2.16.840.1.113883.5.129
1-L	PRP	Platelet rich plasma	2.16.840.1.113883.5.129
1-L	PRT	Peritoneal fluid /ascites	2.16.840.1.113883.5.129
1-L	PUS	Pus	2.16.840.1.113883.5.129
1-L	RBC	Erythrocytes	2.16.840.1.113883.5.129
1-L	SAL	Saliva	2.16.840.1.113883.5.129
1-L	SER	Serum	2.16.840.1.113883.5.129
1-L	SKM	Skeletal muscle	2.16.840.1.113883.5.129
1-L	SKN	Skin	2.16.840.1.113883.5.129
1-L	SMN	Seminal fluid	2.16.840.1.113883.5.129
1-L	SMPLS	Seminal plasma	2.16.840.1.113883.5.129
1-L	SNV	Synovial fluid (Joint fluid)	2.16.840.1.113883.5.129
1-L	SPRM	Spermatozoa	2.16.840.1.113883.5.129
1-L	SPT	Sputum	2.16.840.1.113883.5.129
1-L	SPTC	Sputum - coughed	2.16.840.1.113883.5.129

1-L	SPTT	Sputum - tracheal aspirate	2.16.840.1.113883.5.129
1-L	STL	Stool = Fecal	2.16.840.1.113883.5.129
1-L	SWT	Sweat	2.16.840.1.113883.5.129
1-L	TEAR	Tears	2.16.840.1.113883.5.129
1-L	THRB	Thrombocyte (platelet)	2.16.840.1.113883.5.129
1-L	THRT	Throat	2.16.840.1.113883.5.129
1-L	TISG	Tissue gall bladder	2.16.840.1.113883.5.129
1-L	TISPL	Tissue placenta	2.16.840.1.113883.5.129
1-L	TISS	Tissue, unspecified	2.16.840.1.113883.5.129
1-L	TISU	Tissue ulcer	2.16.840.1.113883.5.129
1-L	TLGI	Tissue large intestine	2.16.840.1.113883.5.129
1-L	TLNG	Tissue lung	2.16.840.1.113883.5.129
1-L	TSMI	Tissue small intestine Tissue ulcer	2.16.840.1.113883.5.129
1-L	TUB	Tube, unspecified	2.16.840.1.113883.5.129
1-L	ULC	Ulcer	2.16.840.1.113883.5.129
1-L	UMB	Umbilical blood	2.16.840.1.113883.5.129
1-L	UMED	Unknown medicine	2.16.840.1.113883.5.129
1-L	UR	Urine	2.16.840.1.113883.5.129
1-L	URC	Urine clean catch	2.16.840.1.113883.5.129
1-L	URNS	Urine sediment	2.16.840.1.113883.5.129
1-L	URT	Urine catheter	2.16.840.1.113883.5.129
1-L	URTH	Urethra	2.16.840.1.113883.5.129

1-L	USUB	Unknown substance	2.16.840.1.113883.5.129
1-L	VOM	Vomitus	2.16.840.1.113883.5.129
1-L	WAT	Water	2.16.840.1.113883.5.129
1-L	WBC	Leukocytes	2.16.840.1.113883.5.129
1-L	WICK	Wick	2.16.840.1.113883.5.129
1-L	WND	Wound	2.16.840.1.113883.5.129
1-L	WNDA	Wound abscess	2.16.840.1.113883.5.129
1-L	WNDD	Wound drainage	2.16.840.1.113883.5.129
1-L	WNDE	Wound exudate	2.16.840.1.113883.5.129
0-L	VCCNE	Vaccine	2.16.840.1.113883.5.1060
1-L	ACDA	ACD Solution A	2.16.840.1.113883.5.1060
1-L	ACDB	ACD Solution B	2.16.840.1.113883.5.1060
1-L	ACET	Acetic Acid	2.16.840.1.113883.5.1060
1-L	AMIES	Amies transport medium	2.16.840.1.113883.5.1060
1-L	BACTM	Bacterial Transport medium	2.16.840.1.113883.5.1060
1-L	BF10	Buffered 10% formalin	2.16.840.1.113883.5.1060
1-L	BOR	Boric Acid	2.16.840.1.113883.5.1060
1-L	BOUIN	Bouin's solution	2.16.840.1.113883.5.1060
1-L	BSKM	Buffered skim milk	2.16.840.1.113883.5.1060
1-L	C32	3.2% Citrate	2.16.840.1.113883.5.1060
1-L	C38	3.8% Citrate	2.16.840.1.113883.5.1060
1-L	CARS	Carson's Modified 10% formalin	2.16.840.1.113883.5.1060

1-L	CARY	Cary Blair Medium	2.16.840.1.113883.5.1060
1-L	CHLTM	Chlamydia transport medium	2.16.840.1.113883.5.1060
1-L	CTAD	CTAD	2.16.840.1.113883.5.1060
1-L	EDTK15	Potassium/K EDTA 15%	2.16.840.1.113883.5.1060
1-L	EDTK75	Potassium/K EDTA 7.5%	2.16.840.1.113883.5.1060
1-L	EDTN	Sodium/Na EDTA	2.16.840.1.113883.5.1060
1-L	ENT	Enteric bacteria transport medium	2.16.840.1.113883.5.1060
1-L	F10	10% Formalin	2.16.840.1.113883.5.1060
1-L	FDP	Thrombin NIH; soybean trypsin inhibitor	2.16.840.1.113883.5.1060
1-L	FL10	Sodium Fluoride, 10mg	2.16.840.1.113883.5.1060
1-L	FL100	Sodium Fluoride, 100mg	2.16.840.1.113883.5.1060
1-L	HCL6	6N HCL	2.16.840.1.113883.5.1060
1-L	HEPA	Ammonium heparin	2.16.840.1.113883.5.1060
1-L	HEPL	Lithium/Li Heparin	2.16.840.1.113883.5.1060
1-L	HEPN	Sodium/Na Heparin	2.16.840.1.113883.5.1060
1-L	HNO3	Nitric Acid	2.16.840.1.113883.5.1060
1-L	JKM	Jones Kendrick Medium	2.16.840.1.113883.5.1060
1-L	KARN	Karnovsky's fixative	2.16.840.1.113883.5.1060
1-L	KOX	Potassium Oxalate	2.16.840.1.113883.5.1060
1-L	LIA	Lithium iodoacetate	2.16.840.1.113883.5.1060
1-L	M4	M4	2.16.840.1.113883.5.1060
1-L	M4RT	M4-RT	2.16.840.1.113883.5.1060

1-L	M5	M5	2.16.840.1.113883.5.1060
1-L	MICHTM	Michel's transport medium	2.16.840.1.113883.5.1060
1-L	MMDTM	MMD transport medium	2.16.840.1.113883.5.1060
1-L	NAF	Sodium Fluoride	2.16.840.1.113883.5.1060
1-L	NONE	None	2.16.840.1.113883.5.1060
1-L	PAGE	Page's Saline	2.16.840.1.113883.5.1060
1-L	PHENOL	Phenol	2.16.840.1.113883.5.1060
1-L	PVA	Polyvinylalcohol	2.16.840.1.113883.5.1060
1-L	RLM	Reagan Lowe Medium	2.16.840.1.113883.5.1060
1-L	SILICA	Siliceous earth	2.16.840.1.113883.5.1060
1-L	SPS	Sodium polyanethol sulfonate 0.35% in 0.85% sodium chloride	2.16.840.1.113883.5.1060
1-L	SST	Serum Separator Tube	2.16.840.1.113883.5.1060
1-L	STUTM	Stuart transport medium	2.16.840.1.113883.5.1060
1-L	THROM	Thrombin	2.16.840.1.113883.5.1060
1-L	THYMOL	Thymol	2.16.840.1.113883.5.1060
1-L	THYO	Thyoglycolate broth	2.16.840.1.113883.5.1060
1-L	TOLU	Toluene	2.16.840.1.113883.5.1060
1-L	URETM	Ureaplasma transport medium	2.16.840.1.113883.5.1060
1-L	VIRTM	Viral Transport medium	2.16.840.1.113883.5.1060
1-L	WEST	Buffered Citrate	2.16.840.1.113883.5.1060
1-S	PKG	Package	2.16.840.1.113883.5.1060
2-A	_NonRigidContainerEntityType	NonRigidContainerEntityType	2.16.840.1.113883.5.1060

3-L	BAG	Bag	2.16.840.1.113883.5.1060
3-L	PACKT	Packet	2.16.840.1.113883.5.1060
3-L	PCH	Pouch	2.16.840.1.113883.5.1060
3-L	SACH	Sachet	2.16.840.1.113883.5.1060
2-A	_RigidContainerEntityType	RigidContainerEntityType	2.16.840.1.113883.5.1060
3-A	_IndividualPackageEntityType	IndividualPackageEntityType	2.16.840.1.113883.5.1060
4-L	AMP	Ampule	2.16.840.1.113883.5.1060
4-L	MINIM	Minim	2.16.840.1.113883.5.1060
4-L	NEBAMP	Nebuamp	2.16.840.1.113883.5.1060
4-L	OVUL	Ovule	2.16.840.1.113883.5.1060
3-A	_MultiUseContainerEntityType	MultiUseContainerEntityType	2.16.840.1.113883.5.1060
4-S	BOT	Bottle	2.16.840.1.113883.5.1060
5-L	BOTA	Amber Bottle	2.16.840.1.113883.5.1060
5-L	BOTD	Dropper Bottle	2.16.840.1.113883.5.1060
5-L	BOTG	Glass Bottle	2.16.840.1.113883.5.1060
5-S	BOTP	Plastic Bottle	2.16.840.1.113883.5.1060
6-L	BOTPLY	Polyethylene Bottle	2.16.840.1.113883.5.1060
4-L	BOX	Box	2.16.840.1.113883.5.1060
4-L	CAN	Can	2.16.840.1.113883.5.1060
4-L	CART	Cartridge	2.16.840.1.113883.5.1060
4-L	CNSTR	Canister	2.16.840.1.113883.5.1060
4-L	JAR	Jar	2.16.840.1.113883.5.1060

4-L	JUG	Jug	2.16.840.1.113883.5.1060
4-L	TIN	Tin	2.16.840.1.113883.5.1060
4-L	TUB	Tub	2.16.840.1.113883.5.1060
4-L	TUBE	Tube	2.16.840.1.113883.5.1060
4-L	VIAL	Vial	2.16.840.1.113883.5.1060
3-S	BLSTRPK	Blister Pack	2.16.840.1.113883.5.1060
4-L	CARD	Card	2.16.840.1.113883.5.1060
2-S	COMPPKG	Compliance Package	2.16.840.1.113883.5.1060
3-S	BLSTRPK	Blister Pack	2.16.840.1.113883.5.1060
4-L	CARD	Card	2.16.840.1.113883.5.1060
3-L	DIALPK	Dial Pack	2.16.840.1.113883.5.1060
3-L	DISK	Disk	2.16.840.1.113883.5.1060
3-L	DOSET	Dosette	2.16.840.1.113883.5.1060
3-L	STRIP	Strip	2.16.840.1.113883.5.1060
2-S	KIT	Kit	2.16.840.1.113883.5.1060
3-L	SYSTEM	System	2.16.840.1.113883.5.1060
1-A	_AccessMedicalDevice	AccessMedicalDevice	2.16.840.1.113883.5.1060
2-S	LINE	Line	2.16.840.1.113883.5.1060
3-L	IALINE	Intra-arterial Line	2.16.840.1.113883.5.1060
3-L	IVLINE	Intravenous Line	2.16.840.1.113883.5.1060
1-A	_AdministrationMedicalDevice	AdministrationMedicalDevice	2.16.840.1.113883.5.1060
2-A	_InjectionMedicalDevice	InjectionMedicalDevice	2.16.840.1.113883.5.1060

3-L	AINJ	AutoInjector	2.16.840.1.113883.5.1060
3-L	PEN	Pen	2.16.840.1.113883.5.1060
3-L	SYR	Syringe	2.16.840.1.113883.5.1060
2-L	APLCTR	Applicator	2.16.840.1.113883.5.1060
2-S	INH	Inhaler	2.16.840.1.113883.5.1060
3-L	DSKS	Diskus	2.16.840.1.113883.5.1060
3-L	DSKUNH	Diskhaler	2.16.840.1.113883.5.1060
3-L	TRBINH	Turbuhaler	2.16.840.1.113883.5.1060
2-L	PMP	Pump	2.16.840.1.113883.5.1060
0-L	VCCNE	Vaccine	2.16.840.1.113883.5.1060
1-L	BED	Bed Location	2.16.840.1.113883.5.1060
1-L	BLDG	Building Location	2.16.840.1.113883.5.1060
1-L	FLOOR	Floor Location	2.16.840.1.113883.5.1060
1-L	ROOM	Room Location	2.16.840.1.113883.5.1060
1-L	WING	Wing Location	2.16.840.1.113883.5.1060
0-A	_OrganizationEntityType	OrganizationEntityType	2.16.840.1.113883.5.1060
1-L	HHOLD	household	2.16.840.1.113883.5.1060
1-L	NAT	NationEntityType	2.16.840.1.113883.5.1060
1-L	RELIG	religious institution	2.16.840.1.113883.5.1060
0-L	PRAC	PractitionerGroup	2.16.840.1.113883.5.1060
0-L	VCCNE	Vaccine	2.16.840.1.113883.5.1060
0-L	BLDPRD	Blood Product	2.16.840.1.113883.5.1060

0-L	VCCNE	Vaccine	2.16.840.1.113883.5.1060
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Legenda: Type L=leaf, S=specializable, A=abstract, D=deprecated. NullFlavors to appear in @nullFlavor attribute instead of @code.

6.1.17 ○ Ethnicity 2.16.840.1.113883.1.11.15836 - 2014-03-26 (DEFN=UV=VO=1360-20160323) ref (from repository: ad2bbr-)

Id	2.16.840.1.113883.1.11.15836 ref ad2bbr-	Effective Date	2014-03-26 Other versions this id: <ul style="list-style-type: none"> ● EthnicityDEFN=UV=VO=1099-20110726 - as of 2011-07-26 ref ad2bbr-
Status	● Final	Version Label	DEFN=UV=VO=1360-20160323
Name	Ethnicity	Display Name	Ethnicity
Description	<p>History description 2014-03-26: Lock all vaue sets untouched since 2014-03-26 to trackingId 2014T1_2014_03_26</p> <p>description:</p> <p>In the United States, federal standards for classifying data on ethnicity determine the categories used by federal agencies and exert a strong influence on categorization by state and local agencies and private sector organizations. The federal standards do not conceptually define ethnicity, and they recognize the absence of an anthropological or scientific basis for ethnicity classification. Instead, the federal standards acknowledge that ethnicity is a social-political construct in which an individual's own identification with a particular ethnicity is preferred to observer identification. The standards specify two minimum ethnicity categories: Hispanic or Latino, and Not Hispanic or Latino. The standards define a Hispanic or Latino as a person of "Mexican, Puerto Rican, Cuban, South or Central America, or other Spanish culture or origin, regardless of race." The standards stipulate that ethnicity data need not be limited to the two minimum categories, but any expansion must be collapsible to those categories. In addition, the standards stipulate that an individual can be Hispanic or Latino or can be Not Hispanic or Latino, but cannot be both.</p>		
Source Code System	2.16.840.1.113883.5.50		

Level/ Type	Code	Display Name	Code System
0-L	2186-5	Not Hispanic or Latino	2.16.840.1.113883.5.50
0-S	2135-2	Hispanic or Latino	2.16.840.1.113883.5.50
1-S	2137-8	Spaniard	2.16.840.1.113883.5.50

2-L	2138-6	Andalusian	2.16.840.1.113883.5.50
2-L	2139-4	Asturian	2.16.840.1.113883.5.50
2-L	2140-2	Castillian	2.16.840.1.113883.5.50
2-L	2141-0	Catalonian	2.16.840.1.113883.5.50
2-L	2142-8	Belearic Islander	2.16.840.1.113883.5.50
2-L	2143-6	Gallego	2.16.840.1.113883.5.50
2-L	2144-4	Valencian	2.16.840.1.113883.5.50
2-L	2145-1	Canarian	2.16.840.1.113883.5.50
2-L	2146-9	Spanish Basque	2.16.840.1.113883.5.50
1-S	2148-5	Mexican	2.16.840.1.113883.5.50
2-L	2149-3	Mexican American	2.16.840.1.113883.5.50
2-L	2150-1	Mexicano	2.16.840.1.113883.5.50
2-L	2151-9	Chicano	2.16.840.1.113883.5.50
2-L	2152-7	La Raza	2.16.840.1.113883.5.50
2-L	2153-5	Mexican American Indian	2.16.840.1.113883.5.50
1-S	2155-0	Central American	2.16.840.1.113883.5.50
2-L	2156-8	Costa Rican	2.16.840.1.113883.5.50
2-L	2157-6	Guatemalan	2.16.840.1.113883.5.50
2-L	2158-4	Honduran	2.16.840.1.113883.5.50
2-L	2159-2	Nicaraguan	2.16.840.1.113883.5.50
2-L	2160-0	Panamanian	2.16.840.1.113883.5.50
2-L	2161-8	Salvadoran	2.16.840.1.113883.5.50

2-L	2162-6	Central American Indian	2.16.840.1.113883.5.50
2-L	2163-4	Canal Zone	2.16.840.1.113883.5.50
1-S	2165-9	South American	2.16.840.1.113883.5.50
2-L	2166-7	Argentinean	2.16.840.1.113883.5.50
2-L	2167-5	Bolivian	2.16.840.1.113883.5.50
2-L	2168-3	Chilean	2.16.840.1.113883.5.50
2-L	2169-1	Colombian	2.16.840.1.113883.5.50
2-L	2170-9	Ecuadorian	2.16.840.1.113883.5.50
2-L	2171-7	Paraguayan	2.16.840.1.113883.5.50
2-L	2172-5	Peruvian	2.16.840.1.113883.5.50
2-L	2173-3	Uruguayan	2.16.840.1.113883.5.50
2-L	2174-1	Venezuelan	2.16.840.1.113883.5.50
2-L	2175-8	South American Indian	2.16.840.1.113883.5.50
2-L	2176-6	Criollo	2.16.840.1.113883.5.50
1-L	2178-2	Latin American	2.16.840.1.113883.5.50
1-L	2180-8	Puerto Rican	2.16.840.1.113883.5.50
1-L	2182-4	Cuban	2.16.840.1.113883.5.50
1-L	2184-0	Dominican	2.16.840.1.113883.5.50

Legenda: Type L=leaf, S=specializable, A=abstract, D=deprecated. NullFlavors to appear in @nullFlavor attribute instead of @code.

6.1.18 ○ Ethnicity 2.16.840.1.113883.1.11.15836 - 2011-07-26 (DEFN=UV=VO=1099-20110726) ref (from repository: ad2bbr-)

Id	2.16.840.1.113883.1.11.15836 ref ad2bbr-	Effective Date	2011-07-26 Other versions this id: <ul style="list-style-type: none"> ● EthnicityDEFN=UV=VO=1360-20160323 - as of 2014-03-26 ref ad2bbr-
Status	● Final	Version Label	DEFN=UV=VO=1099-20110726
Name	Ethnicity	Display Name	Ethnicity
Description	<p>description:</p> <p>In the United States, federal standards for classifying data on ethnicity determine the categories used by federal agencies and exert a strong influence on categorization by state and local agencies and private sector organizations. The federal standards do not conceptually define ethnicity, and they recognize the absence of an anthropological or scientific basis for ethnicity classification. Instead, the federal standards acknowledge that ethnicity is a social-political construct in which an individual's own identification with a particular ethnicity is preferred to observer identification. The standards specify two minimum ethnicity categories: Hispanic or Latino, and Not Hispanic or Latino. The standards define a Hispanic or Latino as a person of "Mexican, Puerto Rican, Cuban, South or Central America, or other Spanish culture or origin, regardless of race." The standards stipulate that ethnicity data need not be limited to the two minimum categories, but any expansion must be collapsible to those categories. In addition, the standards stipulate that an individual can be Hispanic or Latino or can be Not Hispanic or Latino, but cannot be both.</p>		
Source Code System	2.16.840.1.113883.5.50		

Level/ Type	Code	Display Name	Code System
0-L	2186-5	Not Hispanic or Latino	2.16.840.1.113883.5.50
0-S	2135-2	Hispanic or Latino	2.16.840.1.113883.5.50
1-S	2137-8	Spaniard	2.16.840.1.113883.5.50
2-L	2138-6	Andalusian	2.16.840.1.113883.5.50
2-L	2139-4	Asturian	2.16.840.1.113883.5.50
2-L	2140-2	Castillian	2.16.840.1.113883.5.50
2-L	2141-0	Catalonian	2.16.840.1.113883.5.50
2-L	2142-8	Belearic Islander	2.16.840.1.113883.5.50

2-L	2143-6	Gallego	2.16.840.1.113883.5.50
2-L	2144-4	Valencian	2.16.840.1.113883.5.50
2-L	2145-1	Canarian	2.16.840.1.113883.5.50
2-L	2146-9	Spanish Basque	2.16.840.1.113883.5.50
1-S	2148-5	Mexican	2.16.840.1.113883.5.50
2-L	2149-3	Mexican American	2.16.840.1.113883.5.50
2-L	2150-1	Mexicano	2.16.840.1.113883.5.50
2-L	2151-9	Chicano	2.16.840.1.113883.5.50
2-L	2152-7	La Raza	2.16.840.1.113883.5.50
2-L	2153-5	Mexican American Indian	2.16.840.1.113883.5.50
1-S	2155-0	Central American	2.16.840.1.113883.5.50
2-L	2156-8	Costa Rican	2.16.840.1.113883.5.50
2-L	2157-6	Guatemalan	2.16.840.1.113883.5.50
2-L	2158-4	Honduran	2.16.840.1.113883.5.50
2-L	2159-2	Nicaraguan	2.16.840.1.113883.5.50
2-L	2160-0	Panamanian	2.16.840.1.113883.5.50
2-L	2161-8	Salvadoran	2.16.840.1.113883.5.50
2-L	2162-6	Central American Indian	2.16.840.1.113883.5.50
2-L	2163-4	Canal Zone	2.16.840.1.113883.5.50
1-S	2165-9	South American	2.16.840.1.113883.5.50
2-L	2166-7	Argentinean	2.16.840.1.113883.5.50
2-L	2167-5	Bolivian	2.16.840.1.113883.5.50

2-L	2168-3	Chilean	2.16.840.1.113883.5.50
2-L	2169-1	Colombian	2.16.840.1.113883.5.50
2-L	2170-9	Ecuadorian	2.16.840.1.113883.5.50
2-L	2171-7	Paraguayan	2.16.840.1.113883.5.50
2-L	2172-5	Peruvian	2.16.840.1.113883.5.50
2-L	2173-3	Uruguayan	2.16.840.1.113883.5.50
2-L	2174-1	Venezuelan	2.16.840.1.113883.5.50
2-L	2175-8	South American Indian	2.16.840.1.113883.5.50
2-L	2176-6	Criollo	2.16.840.1.113883.5.50
1-L	2178-2	Latin American	2.16.840.1.113883.5.50
1-L	2180-8	Puerto Rican	2.16.840.1.113883.5.50
1-L	2182-4	Cuban	2.16.840.1.113883.5.50
1-L	2184-0	Dominican	2.16.840.1.113883.5.50

Legenda: Type L=leaf, S=specializable, A=abstract, D=deprecated. NullFlavors to appear in @nullFlavor attribute instead of @code.

6.1.19 ○ HumanLanguage 2.16.840.1.113883.1.11.11526 - 2014-03-26 (DEFN=UV=VO=1360-20160323) ref (from repository: ad2bbr-)



Id	2.16.840.1.113883.1.11.11526 ref ad2bbr-	Effective Date	2014-03-26 Other versions this id: ▪ ● HumanLanguageDEFN=UV=VO=1099-20110726 - as of 2011-07-26 ref ad2bbr-
Status	● Final	Version Label	DEFN=UV=VO=1360-20160323
Name	HumanLanguage	Display Name	HumanLanguage

Description	<p>History description 2014-03-26: Lock all vaue sets untouched since 2014-03-26 to trackingId 2014T1_2014_03_26</p> <p>description:</p> <p>Codes for the representation of the names of human languages.</p>
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A valid code from the code system:

Code System Name	Code System Id	Code System Version
<i>ietf3066</i>	2.16.840.1.113883.6.121	

6.1.20 **HumanLanguage 2.16.840.1.113883.1.11.11526 - 2011-07-26 (DEFN=UV=VO=1099-20110726)** ref (from repository: ad2bbr-)



Id	2.16.840.1.113883.1.11.11526 ref ad2bbr-	Effective Date	2011-07-26 Other versions this id: <ul style="list-style-type: none">  HumanLanguageDEFN=UV=VO=1360-20160323 - as of 2014-03-26 ref ad2bbr-
Status	 Final	Version Label	DEFN=UV=VO=1099-20110726
Name	HumanLanguage	Display Name	HumanLanguage
Description	<p>description:</p> <p>Codes for the representation of the names of human languages.</p>		

A valid code from the code system:

Code System Name	Code System Id	Code System Version
<i>ietf3066</i>	2.16.840.1.113883.6.121	

6.1.21 **LanguageAbilityMode 2.16.840.1.113883.1.11.12249 - 2014-03-26 (DEFN=UV=VO=1360-20160323)** ref (from repository: ad2bbr-)



Id	2.16.840.1.113883.1.11.12249 ref ad2bbr-	Effective Date	2014-03-26
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		Other versions this id:	
		<ul style="list-style-type: none">  LanguageAbilityModeDEFN=UV=VO=1099-20110726 - as of 2011-07-26 ref ad2bbr- 	
Status	 Final	Version Label	DEFN=UV=VO=1360-20160323
Name	LanguageAbilityMode	Display Name	LanguageAbilityMode
Description	<p>History description 2014-03-26: Lock all vaue sets untouched since 2014-03-26 to trackingId 2014T1_2014_03_26</p> <p>description:</p> <p>A value representing the method of expression of the language.</p> <p><i>Example:</i> Expressed spoken, expressed written, expressed signed, received spoken, received written, received signed.</p>		
Source Code System	2.16.840.1.113883.5.60		
Level/ Type	Code	Display Name	Code System
0-L	ESGN	Expressed signed	2.16.840.1.113883.5.60
0-L	ESP	Expressed spoken	2.16.840.1.113883.5.60
0-L	EWR	Expressed written	2.16.840.1.113883.5.60
0-L	RSGN	Received signed	2.16.840.1.113883.5.60
0-L	RSP	Received spoken	2.16.840.1.113883.5.60
0-L	RWR	Received written	2.16.840.1.113883.5.60

Legenda: Type L=leaf, S=specializable, A=abstract, D=deprecated. NullFlavors to appear in @nullFlavor attribute instead of @code.


6.1.22 ○ LanguageAbilityMode 2.16.840.1.113883.1.11.12249 - 2011-07-26 (DEFN=UV=VO=1099-20110726) [ref](#) (from repository: ad2bbr-)

Id	2.16.840.1.113883.1.11.12249 ref ad2bbr-	Effective Date	2011-07-26
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		Other versions this id:																													
		<ul style="list-style-type: none">  LanguageAbilityModeDEFN=UV=VO=1360-20160323 - as of 2014-03-26 ref ad2bbr- 																													
Status	 Final	Version Label	DEFN=UV=VO=1099-20110726																												
Name	LanguageAbilityMode	Display Name	LanguageAbilityMode																												
Description	<p>description:</p> <p>A value representing the method of expression of the language.</p> <p><i>Example:</i> Expressed spoken, expressed written, expressed signed, received spoken, received written, received signed.</p>																														
Source Code System	2.16.840.1.113883.5.60																														
<table border="1"> <thead> <tr> <th>Level/ Type</th> <th>Code</th> <th>Display Name</th> <th>Code System</th> </tr> </thead> <tbody> <tr> <td>0-L</td> <td>ESGN</td> <td>Expressed signed</td> <td>2.16.840.1.113883.5.60</td> </tr> <tr> <td>0-L</td> <td>ESP</td> <td>Expressed spoken</td> <td>2.16.840.1.113883.5.60</td> </tr> <tr> <td>0-L</td> <td>EWR</td> <td>Expressed written</td> <td>2.16.840.1.113883.5.60</td> </tr> <tr> <td>0-L</td> <td>RSGN</td> <td>Received signed</td> <td>2.16.840.1.113883.5.60</td> </tr> <tr> <td>0-L</td> <td>RSP</td> <td>Received spoken</td> <td>2.16.840.1.113883.5.60</td> </tr> <tr> <td>0-L</td> <td>RWR</td> <td>Received written</td> <td>2.16.840.1.113883.5.60</td> </tr> </tbody> </table>				Level/ Type	Code	Display Name	Code System	0-L	ESGN	Expressed signed	2.16.840.1.113883.5.60	0-L	ESP	Expressed spoken	2.16.840.1.113883.5.60	0-L	EWR	Expressed written	2.16.840.1.113883.5.60	0-L	RSGN	Received signed	2.16.840.1.113883.5.60	0-L	RSP	Received spoken	2.16.840.1.113883.5.60	0-L	RWR	Received written	2.16.840.1.113883.5.60
Level/ Type	Code	Display Name	Code System																												
0-L	ESGN	Expressed signed	2.16.840.1.113883.5.60																												
0-L	ESP	Expressed spoken	2.16.840.1.113883.5.60																												
0-L	EWR	Expressed written	2.16.840.1.113883.5.60																												
0-L	RSGN	Received signed	2.16.840.1.113883.5.60																												
0-L	RSP	Received spoken	2.16.840.1.113883.5.60																												
0-L	RWR	Received written	2.16.840.1.113883.5.60																												

Legenda: Type L=leaf, S=specializable, A=abstract, D=deprecated. NullFlavors to appear in @nullFlavor attribute instead of @code.

6.1.23 ○ LanguageAbilityProficiency 2.16.840.1.113883.1.11.12199 - 2014-03-26 (DEFN=UV=VO=1360-20160323) [ref](#) (from repository: ad2bbr-)

Id	2.16.840.1.113883.1.11.12199 ref ad2bbr-	Effective Date	2014-03-26
		Other versions this id:	
		<ul style="list-style-type: none">  	

LanguageAbilityProficiencyDEFN=UV=VO=1099-20110726
 - as of 2011-07-26 [ref](#) [ad2bbr-](#)

Status	 Final	Version Label	DEFN=UV=VO=1360-20160323
Name	LanguageAbilityProficiency	Display Name	LanguageAbilityProficiency
Description	<p>History description 2014-03-26: Lock all vaue sets untouched since 2014-03-26 to trackingId 2014T1_2014_03_26</p> <p>description:</p> <p>A value representing the level of proficiency in a language.</p> <p><i>Example:</i> Excellent, good, fair, poor.</p>		
Source Code System	2.16.840.1.113883.5.61		

Level/ Type	Code	Display Name	Code System
0-L	E	Excellent	2.16.840.1.113883.5.61
0-L	F	Fair	2.16.840.1.113883.5.61
0-L	G	Good	2.16.840.1.113883.5.61
0-L	P	Poor	2.16.840.1.113883.5.61

Legenda: Type L=leaf, S=specializable, A=abstract, D=deprecated. NullFlavors to appear in @nullFlavor attribute instead of @code.

6.1.24 ○ LanguageAbilityProficiency 2.16.840.1.113883.1.11.12199 - 2011-07-26 (DEFN=UV=VO=1099-20110726) [ref](#) (from repository: ad2bbr-)

Id	2.16.840.1.113883.1.11.12199 ref ad2bbr-	Effective Date	2011-07-26 Other versions this id: <ul style="list-style-type: none">  LanguageAbilityProficiencyDEFN=UV=VO=1360-20160323 - as of 2014-03-26 ref ad2bbr-
Status	 Final	Version Label	DEFN=UV=VO=1099-20110726

Name	LanguageAbilityProficiency	Display Name	LanguageAbilityProficiency
Description	description: A value representing the level of proficiency in a language. <i>Example:</i> Excellent, good, fair, poor.		
Source Code System	2.16.840.1.113883.5.61		
Level/ Type	Code	Display Name	Code System
0-L	E	Excellent	2.16.840.1.113883.5.61
0-L	F	Fair	2.16.840.1.113883.5.61
0-L	G	Good	2.16.840.1.113883.5.61
0-L	P	Poor	2.16.840.1.113883.5.61

Legenda: Type L=leaf, S=specializable, A=abstract, D=deprecated. NullFlavors to appear in @nullFlavor attribute instead of @code.



6.1.25 ○ MaritalStatus 2.16.840.1.113883.1.11.12212 - 2014-03-26 (DEFN=UV=VO=1360-20160323) ref (from repository: ad2bbr-)

Id	2.16.840.1.113883.1.11.12212 ref ad2bbr-	Effective Date	2014-03-26 Other versions this id: <ul style="list-style-type: none"> ● MaritalStatusDEFN=UV=VO=1099-20110726 - as of 2011-07-26 ref ad2bbr-
Status	● Final	Version Label	DEFN=UV=VO=1360-20160323
Name	MaritalStatus	Display Name	MaritalStatus
Description	History description 2014-03-26: Lock all vaue sets untouched since 2014-03-26 to trackingId 2014T1_2014_03_26 description: The domestic partnership status of a person.		

	<i>Example:</i> Married, separated, divorced, widowed, common-law marriage.		
Source Code System	2.16.840.1.113883.5.2		
Level/ Type	Code	Display Name	Code System
0-L	A	Annulled	2.16.840.1.113883.5.2
0-L	D	Divorced	2.16.840.1.113883.5.2
0-L	I	Interlocutory	2.16.840.1.113883.5.2
0-L	L	Legally Separated	2.16.840.1.113883.5.2
0-L	M	Married	2.16.840.1.113883.5.2
0-L	P	Polygamous	2.16.840.1.113883.5.2
0-L	S	Never Married	2.16.840.1.113883.5.2
0-L	T	Domestic partner	2.16.840.1.113883.5.2
0-L	W	Widowed	2.16.840.1.113883.5.2

Legenda: Type L=leaf, S=specializable, A=abstract, D=deprecated. NullFlavors to appear in @nullFlavor attribute instead of @code.

6.1.26 MaritalStatus 2.16.840.1.113883.1.11.12212 - 2011-07-26 (DEFN=UV=VO=1099-20110726) ref (from repository: ad2bbr-)

Id	2.16.840.1.113883.1.11.12212 ref ad2bbr-	Effective Date	2011-07-26 Other versions this id:
Status	 Final	Version Label	DEFN=UV=VO=1099-20110726
Name	MaritalStatus	Display Name	MaritalStatus
Description	description:		<ul style="list-style-type: none">  MaritalStatusDEFN=UV=VO=1360-20160323 - as of 2014-03-26 ref ad2bbr-

The domestic partnership status of a person.

Example: Married, separated, divorced, widowed, common-law marriage.

A valid code from the code system:

Code System Name	Code System Id	Code System Version
nubc-UB92	2.16.840.1.113883.6.21	





Or one of the following:

2 Source Code Systems
2.16.840.1.113883.5.2
2.16.840.1.113883.6.21

Level/ Type	Code	Display Name	Code System
0-L	A	Annulled	2.16.840.1.113883.5.2
0-L	D	Divorced	2.16.840.1.113883.5.2
0-L	I	Interlocutory	2.16.840.1.113883.5.2
0-L	L	Legally Separated	2.16.840.1.113883.5.2
0-L	M	Married	2.16.840.1.113883.5.2
0-L	P	Polygamous	2.16.840.1.113883.5.2
0-L	S	Never Married	2.16.840.1.113883.5.2
0-L	T	Domestic partner	2.16.840.1.113883.5.2
0-L	W	Widowed	2.16.840.1.113883.5.2

Legenda: Type L=leaf, S=specializable, A=abstract, D=deprecated. NullFlavors to appear in @nullFlavor attribute instead of @code.

6.1.27 ○ MaterialEntityType 2.16.840.1.113883.1.11.16041 - 2014-03-26 (DEFN=UV=VO=1360-20160323) (from repository: ad2bbr-)

Id	2.16.840.1.113883.1.11.16041  ad2bbr-	Effective Date	2014-03-26 Other versions this id: <ul style="list-style-type: none">  MaterialEntityTypeDEFN=UV=VO=1099-20110726 - as of 2011-07-26  ad2bbr-
Status	 Final	Version Label	DEFN=UV=VO=1360-20160323
Name	MaterialEntityType	Display Name	MaterialEntityType
Description	<p>History description 2014-03-26: Lock all vau e sets untouched since 2014-03-26 to trackingId 2014T1_2014_03_26</p> <p>description:</p> <p>Types of Material for EntityClass "MAT"</p>		
2 Source Code Systems	<p>2.16.840.1.113883.5.1060</p> <p>2.16.840.1.113883.5.129</p>		

Level/ Type	Code	Display Name	Code System
1-A	_ContainerEntityType	ContainerEntityType	2.16.840.1.113883.5.1060
2-S	PKG	Package	2.16.840.1.113883.5.1060
3-A	_NonRigidContainerEntityType	NonRigidContainerEntityType	2.16.840.1.113883.5.1060
4-L	BAG	Bag	2.16.840.1.113883.5.1060
4-L	PACKT	Packet	2.16.840.1.113883.5.1060
4-L	PCH	Pouch	2.16.840.1.113883.5.1060
4-L	SACH	Sachet	2.16.840.1.113883.5.1060
3-A	_RigidContainerEntityType	RigidContainerEntityType	2.16.840.1.113883.5.1060
4-A	_IndividualPackageEntityType	IndividualPackageEntityType	2.16.840.1.113883.5.1060

5-L	AMP	Ampule	2.16.840.1.113883.5.1060
5-L	MINIM	Minim	2.16.840.1.113883.5.1060
5-L	NEBAMP	Nebuamp	2.16.840.1.113883.5.1060
5-L	OVUL	Ovule	2.16.840.1.113883.5.1060
4-A	_MultiUseContainerEntityType	MultiUseContainerEntityType	2.16.840.1.113883.5.1060
5-S	BOT	Bottle	2.16.840.1.113883.5.1060
6-L	BOTA	Amber Bottle	2.16.840.1.113883.5.1060
6-L	BOTD	Dropper Bottle	2.16.840.1.113883.5.1060
6-L	BOTG	Glass Bottle	2.16.840.1.113883.5.1060
6-S	BOTP	Plastic Bottle	2.16.840.1.113883.5.1060
7-L	BOTPLY	Polyethylene Bottle	2.16.840.1.113883.5.1060
5-L	BOX	Box	2.16.840.1.113883.5.1060
5-L	CAN	Can	2.16.840.1.113883.5.1060
5-L	CART	Cartridge	2.16.840.1.113883.5.1060
5-L	CNSTR	Canister	2.16.840.1.113883.5.1060
5-L	JAR	Jar	2.16.840.1.113883.5.1060
5-L	JUG	Jug	2.16.840.1.113883.5.1060
5-L	TIN	Tin	2.16.840.1.113883.5.1060
5-L	TUB	Tub	2.16.840.1.113883.5.1060
5-L	TUBE	Tube	2.16.840.1.113883.5.1060
5-L	VIAL	Vial	2.16.840.1.113883.5.1060
4-S	BLSTRPK	Blister Pack	2.16.840.1.113883.5.1060

5-L	CARD	Card	2.16.840.1.113883.5.1060
3-S	COMPPKG	Compliance Package	2.16.840.1.113883.5.1060
4-S	BLSTRPK	Blister Pack	2.16.840.1.113883.5.1060
5-L	CARD	Card	2.16.840.1.113883.5.1060
4-L	DIALPK	Dial Pack	2.16.840.1.113883.5.1060
4-L	DISK	Disk	2.16.840.1.113883.5.1060
4-L	DOSET	Dosette	2.16.840.1.113883.5.1060
4-L	STRIP	Strip	2.16.840.1.113883.5.1060
3-S	KIT	Kit	2.16.840.1.113883.5.1060
4-L	SYSTM	System	2.16.840.1.113883.5.1060
1-A	_MedicalDevice	MedicalDevice	2.16.840.1.113883.5.1060
2-A	_AccessMedicalDevice	AccessMedicalDevice	2.16.840.1.113883.5.1060
3-S	LINE	Line	2.16.840.1.113883.5.1060
4-L	IALINE	Intra-arterial Line	2.16.840.1.113883.5.1060
4-L	IVLINE	Intravenous Line	2.16.840.1.113883.5.1060
2-A	_AdministrationMedicalDevice	AdministrationMedicalDevice	2.16.840.1.113883.5.1060
3-A	_InjectionMedicalDevice	InjectionMedicalDevice	2.16.840.1.113883.5.1060
4-L	AINJ	AutoInjector	2.16.840.1.113883.5.1060
4-L	PEN	Pen	2.16.840.1.113883.5.1060
4-L	SYR	Syringe	2.16.840.1.113883.5.1060
3-L	APLCTR	Applicator	2.16.840.1.113883.5.1060
3-S	INH	Inhaler	2.16.840.1.113883.5.1060

4-L	DSKS	Diskus	2.16.840.1.113883.5.1060
4-L	DSKUNH	Diskhaler	2.16.840.1.113883.5.1060
4-L	TRBINH	Turbuhaler	2.16.840.1.113883.5.1060
3-L	PMP	Pump	2.16.840.1.113883.5.1060
1-A	_SpecimenAdditiveEntity	SpecimenAdditiveEntity	2.16.840.1.113883.5.1060
2-L	ACDA	ACD Solution A	2.16.840.1.113883.5.1060
2-L	ACDB	ACD Solution B	2.16.840.1.113883.5.1060
2-L	ACET	Acetic Acid	2.16.840.1.113883.5.1060
2-L	AMIES	Amies transport medium	2.16.840.1.113883.5.1060
2-L	BACTM	Bacterial Transport medium	2.16.840.1.113883.5.1060
2-L	BF10	Buffered 10% formalin	2.16.840.1.113883.5.1060
2-L	BOR	Boric Acid	2.16.840.1.113883.5.1060
2-L	BOUIN	Bouin's solution	2.16.840.1.113883.5.1060
2-L	BSKM	Buffered skim milk	2.16.840.1.113883.5.1060
2-L	C32	3.2% Citrate	2.16.840.1.113883.5.1060
2-L	C38	3.8% Citrate	2.16.840.1.113883.5.1060
2-L	CARS	Carson's Modified 10% formalin	2.16.840.1.113883.5.1060
2-L	CARY	Cary Blair Medium	2.16.840.1.113883.5.1060
2-L	CHLTM	Chlamydia transport medium	2.16.840.1.113883.5.1060
2-L	CTAD	CTAD	2.16.840.1.113883.5.1060
2-L	EDTK15	Potassium/K EDTA 15%	2.16.840.1.113883.5.1060
2-L	EDTK75	Potassium/K EDTA 7.5%	2.16.840.1.113883.5.1060

2-L	EDTN	Sodium/Na EDTA	2.16.840.1.113883.5.1060
2-L	ENT	Enteric bacteria transport medium	2.16.840.1.113883.5.1060
2-L	F10	10% Formalin	2.16.840.1.113883.5.1060
2-L	FDP	Thrombin NIH; soybean trypsin inhibitor	2.16.840.1.113883.5.1060
2-L	FL10	Sodium Fluoride, 10mg	2.16.840.1.113883.5.1060
2-L	FL100	Sodium Fluoride, 100mg	2.16.840.1.113883.5.1060
2-L	HCL6	6N HCL	2.16.840.1.113883.5.1060
2-L	HEPA	Ammonium heparin	2.16.840.1.113883.5.1060
2-L	HEPL	Lithium/Li Heparin	2.16.840.1.113883.5.1060
2-L	HEPN	Sodium/Na Heparin	2.16.840.1.113883.5.1060
2-L	HNO3	Nitric Acid	2.16.840.1.113883.5.1060
2-L	JKM	Jones Kendrick Medium	2.16.840.1.113883.5.1060
2-L	KARN	Karnovsky's fixative	2.16.840.1.113883.5.1060
2-L	KOX	Potassium Oxalate	2.16.840.1.113883.5.1060
2-L	LIA	Lithium iodoacetate	2.16.840.1.113883.5.1060
2-L	M4	M4	2.16.840.1.113883.5.1060
2-L	M4RT	M4-RT	2.16.840.1.113883.5.1060
2-L	M5	M5	2.16.840.1.113883.5.1060
2-L	MICHTM	Michel's transport medium	2.16.840.1.113883.5.1060
2-L	MMDTM	MMD transport medium	2.16.840.1.113883.5.1060
2-L	NAF	Sodium Fluoride	2.16.840.1.113883.5.1060
2-L	NONE	None	2.16.840.1.113883.5.1060

2-L	PAGE	Page's Saline	2.16.840.1.113883.5.1060
2-L	PHENOL	Phenol	2.16.840.1.113883.5.1060
2-L	PVA	Polyvinylalcohol	2.16.840.1.113883.5.1060
2-L	RLM	Reagan Lowe Medium	2.16.840.1.113883.5.1060
2-L	SILICA	Siliceous earth	2.16.840.1.113883.5.1060
2-L	SPS	Sodium polyanethol sulfonate 0.35% in 0.85% sodium chloride	2.16.840.1.113883.5.1060
2-L	SST	Serum Separator Tube	2.16.840.1.113883.5.1060
2-L	STUTM	Stuart transport medium	2.16.840.1.113883.5.1060
2-L	THROM	Thrombin	2.16.840.1.113883.5.1060
2-L	THYMOL	Thymol	2.16.840.1.113883.5.1060
2-L	THYO	Thyoglycolate broth	2.16.840.1.113883.5.1060
2-L	TOLU	Toluene	2.16.840.1.113883.5.1060
2-L	URETM	Ureaplasma transport medium	2.16.840.1.113883.5.1060
2-L	VIRTM	Viral Transport medium	2.16.840.1.113883.5.1060
2-L	WEST	Buffered Citrate	2.16.840.1.113883.5.1060
1-L	BLDPRD	Blood Product	2.16.840.1.113883.5.1060
1-L	VCCNE	Vaccine	2.16.840.1.113883.5.1060
1-L	ACDA	ACD Solution A	2.16.840.1.113883.5.1060
1-L	ACDB	ACD Solution B	2.16.840.1.113883.5.1060
1-L	ACET	Acetic Acid	2.16.840.1.113883.5.1060
1-L	AMIES	Amies transport medium	2.16.840.1.113883.5.1060
1-L	BACTM	Bacterial Transport medium	2.16.840.1.113883.5.1060

1-L	BF10	Buffered 10% formalin	2.16.840.1.113883.5.1060
1-L	BOR	Boric Acid	2.16.840.1.113883.5.1060
1-L	BOUIN	Bouin's solution	2.16.840.1.113883.5.1060
1-L	BSKM	Buffered skim milk	2.16.840.1.113883.5.1060
1-L	C32	3.2% Citrate	2.16.840.1.113883.5.1060
1-L	C38	3.8% Citrate	2.16.840.1.113883.5.1060
1-L	CARS	Carson's Modified 10% formalin	2.16.840.1.113883.5.1060
1-L	CARY	Cary Blair Medium	2.16.840.1.113883.5.1060
1-L	CHLTM	Chlamydia transport medium	2.16.840.1.113883.5.1060
1-L	CTAD	CTAD	2.16.840.1.113883.5.1060
1-L	EDTK15	Potassium/K EDTA 15%	2.16.840.1.113883.5.1060
1-L	EDTK75	Potassium/K EDTA 7.5%	2.16.840.1.113883.5.1060
1-L	EDTN	Sodium/Na EDTA	2.16.840.1.113883.5.1060
1-L	ENT	Enteric bacteria transport medium	2.16.840.1.113883.5.1060
1-L	F10	10% Formalin	2.16.840.1.113883.5.1060
1-L	FDP	Thrombin NIH; soybean trypsin inhibitor	2.16.840.1.113883.5.1060
1-L	FL10	Sodium Fluoride, 10mg	2.16.840.1.113883.5.1060
1-L	FL100	Sodium Fluoride, 100mg	2.16.840.1.113883.5.1060
1-L	HCL6	6N HCL	2.16.840.1.113883.5.1060
1-L	HEPA	Ammonium heparin	2.16.840.1.113883.5.1060
1-L	HEPL	Lithium/Li Heparin	2.16.840.1.113883.5.1060
1-L	HEPN	Sodium/Na Heparin	2.16.840.1.113883.5.1060

1-L	HNO3	Nitric Acid	2.16.840.1.113883.5.1060
1-L	JKM	Jones Kendrick Medium	2.16.840.1.113883.5.1060
1-L	KARN	Karnovsky's fixative	2.16.840.1.113883.5.1060
1-L	KOX	Potassium Oxalate	2.16.840.1.113883.5.1060
1-L	LIA	Lithium iodoacetate	2.16.840.1.113883.5.1060
1-L	M4	M4	2.16.840.1.113883.5.1060
1-L	M4RT	M4-RT	2.16.840.1.113883.5.1060
1-L	M5	M5	2.16.840.1.113883.5.1060
1-L	MICHTM	Michel's transport medium	2.16.840.1.113883.5.1060
1-L	MMDTM	MMD transport medium	2.16.840.1.113883.5.1060
1-L	NAF	Sodium Fluoride	2.16.840.1.113883.5.1060
1-L	NONE	None	2.16.840.1.113883.5.1060
1-L	PAGE	Page's Saline	2.16.840.1.113883.5.1060
1-L	PHENOL	Phenol	2.16.840.1.113883.5.1060
1-L	PVA	Polyvinylalcohol	2.16.840.1.113883.5.1060
1-L	RLM	Reagan Lowe Medium	2.16.840.1.113883.5.1060
1-L	SILICA	Siliceous earth	2.16.840.1.113883.5.1060
1-L	SPS	Sodium polyanethol sulfonate 0.35% in 0.85% sodium chloride	2.16.840.1.113883.5.1060
1-L	SST	Serum Separator Tube	2.16.840.1.113883.5.1060
1-L	STUTM	Stuart transport medium	2.16.840.1.113883.5.1060
1-L	THROM	Thrombin	2.16.840.1.113883.5.1060
1-L	THYMOL	Thymol	2.16.840.1.113883.5.1060

1-L	THYO	Thyoglycolate broth	2.16.840.1.113883.5.1060
1-L	TOLU	Toluene	2.16.840.1.113883.5.1060
1-L	URETM	Ureaplasma transport medium	2.16.840.1.113883.5.1060
1-L	VIRTM	Viral Transport medium	2.16.840.1.113883.5.1060
1-L	WEST	Buffered Citrate	2.16.840.1.113883.5.1060
1-S	PKG	Package	2.16.840.1.113883.5.1060
2-A	_NonRigidContainerEntityType	NonRigidContainerEntityType	2.16.840.1.113883.5.1060
3-L	BAG	Bag	2.16.840.1.113883.5.1060
3-L	PACKT	Packet	2.16.840.1.113883.5.1060
3-L	PCH	Pouch	2.16.840.1.113883.5.1060
3-L	SACH	Sachet	2.16.840.1.113883.5.1060
2-A	_RigidContainerEntityType	RigidContainerEntityType	2.16.840.1.113883.5.1060
3-A	_IndividualPackageEntityType	IndividualPackageEntityType	2.16.840.1.113883.5.1060
4-L	AMP	Ampule	2.16.840.1.113883.5.1060
4-L	MINIM	Minim	2.16.840.1.113883.5.1060
4-L	NEBAMP	Nebuamp	2.16.840.1.113883.5.1060
4-L	OVUL	Ovule	2.16.840.1.113883.5.1060
3-A	_MultiUseContainerEntityType	MultiUseContainerEntityType	2.16.840.1.113883.5.1060
4-S	BOT	Bottle	2.16.840.1.113883.5.1060
5-L	BOTA	Amber Bottle	2.16.840.1.113883.5.1060
5-L	BOTD	Dropper Bottle	2.16.840.1.113883.5.1060
5-L	BOTG	Glass Bottle	2.16.840.1.113883.5.1060

5-S	BOTP	Plastic Bottle	2.16.840.1.113883.5.1060
6-L	BOTPLY	Polyethylene Bottle	2.16.840.1.113883.5.1060
4-L	BOX	Box	2.16.840.1.113883.5.1060
4-L	CAN	Can	2.16.840.1.113883.5.1060
4-L	CART	Cartridge	2.16.840.1.113883.5.1060
4-L	CNSTR	Canister	2.16.840.1.113883.5.1060
4-L	JAR	Jar	2.16.840.1.113883.5.1060
4-L	JUG	Jug	2.16.840.1.113883.5.1060
4-L	TIN	Tin	2.16.840.1.113883.5.1060
4-L	TUB	Tub	2.16.840.1.113883.5.1060
4-L	TUBE	Tube	2.16.840.1.113883.5.1060
4-L	VIAL	Vial	2.16.840.1.113883.5.1060
3-S	BLSTRPK	Blister Pack	2.16.840.1.113883.5.1060
4-L	CARD	Card	2.16.840.1.113883.5.1060
2-S	COMPPKG	Compliance Package	2.16.840.1.113883.5.1060
3-S	BLSTRPK	Blister Pack	2.16.840.1.113883.5.1060
4-L	CARD	Card	2.16.840.1.113883.5.1060
3-L	DIALPK	Dial Pack	2.16.840.1.113883.5.1060
3-L	DISK	Disk	2.16.840.1.113883.5.1060
3-L	DOSET	Dosette	2.16.840.1.113883.5.1060
3-L	STRIP	Strip	2.16.840.1.113883.5.1060
2-S	KIT	Kit	2.16.840.1.113883.5.1060

3-L	SYSTM	System	2.16.840.1.113883.5.1060
1-A	_AccessMedicalDevice	AccessMedicalDevice	2.16.840.1.113883.5.1060
2-S	LINE	Line	2.16.840.1.113883.5.1060
3-L	IALINE	Intra-arterial Line	2.16.840.1.113883.5.1060
3-L	IVLINE	Intravenous Line	2.16.840.1.113883.5.1060
1-A	_AdministrationMedicalDevice	AdministrationMedicalDevice	2.16.840.1.113883.5.1060
2-A	_InjectionMedicalDevice	InjectionMedicalDevice	2.16.840.1.113883.5.1060
3-L	AINJ	AutoInjector	2.16.840.1.113883.5.1060
3-L	PEN	Pen	2.16.840.1.113883.5.1060
3-L	SYR	Syringe	2.16.840.1.113883.5.1060
2-L	APLCTR	Applicator	2.16.840.1.113883.5.1060
2-S	INH	Inhaler	2.16.840.1.113883.5.1060
3-L	DSKS	Diskus	2.16.840.1.113883.5.1060
3-L	DSKUNH	Diskhaler	2.16.840.1.113883.5.1060
3-L	TRBINH	Turbuhaler	2.16.840.1.113883.5.1060
2-L	PMP	Pump	2.16.840.1.113883.5.1060
1-L	ABS	Abcess	2.16.840.1.113883.5.129
1-L	AMN	Amniotic fluid	2.16.840.1.113883.5.129
1-L	ASP	Aspirate	2.16.840.1.113883.5.129
1-L	BBL	Blood bag	2.16.840.1.113883.5.129
1-L	BDY	Whole body	2.16.840.1.113883.5.129
1-L	BIFL	Bile fluid	2.16.840.1.113883.5.129

1-L	BLD	Whole blood	2.16.840.1.113883.5.129
1-L	BLDA	Blood arterial	2.16.840.1.113883.5.129
1-L	BLDC	Blood capillary	2.16.840.1.113883.5.129
1-L	BLDCO	Blood - cord	2.16.840.1.113883.5.129
1-L	BLDV	Blood venous	2.16.840.1.113883.5.129
1-L	BON	Bone	2.16.840.1.113883.5.129
1-L	BPH	Basophils	2.16.840.1.113883.5.129
1-L	BPU	Blood product unit	2.16.840.1.113883.5.129
1-L	BRN	Burn	2.16.840.1.113883.5.129
1-L	BRO	Bronchial	2.16.840.1.113883.5.129
1-L	BRTH	Exhaled gas (=breath) Breath (use EXG)	2.16.840.1.113883.5.129
1-L	EXG	Exhaled gas (=breath) Breath (use EXG)	2.16.840.1.113883.5.129
1-L	CALC	Calculus (=Stone) Stone (use CALC)	2.16.840.1.113883.5.129
1-L	STON	Calculus (=Stone) Stone (use CALC)	2.16.840.1.113883.5.129
1-L	CDM	Cardiac muscle	2.16.840.1.113883.5.129
1-L	CNJT	Conjunctiva	2.16.840.1.113883.5.129
1-L	CNL	Cannula	2.16.840.1.113883.5.129
1-L	COL	Colostrum	2.16.840.1.113883.5.129
1-L	CRN	Cornea	2.16.840.1.113883.5.129
1-L	CSF	Cerebral spinal fluid	2.16.840.1.113883.5.129
1-L	CTP	Catheter tip	2.16.840.1.113883.5.129
1-L	CUR	Curettage	2.16.840.1.113883.5.129

1-L	CVM	Cervical mucus	2.16.840.1.113883.5.129
1-L	CVX	Cervix	2.16.840.1.113883.5.129
1-L	CYST	Cyst	2.16.840.1.113883.5.129
1-L	DIAF	Dialysis fluid	2.16.840.1.113883.5.129
1-L	DOSE	Dose med or substance	2.16.840.1.113883.5.129
1-L	DRN	Drain	2.16.840.1.113883.5.129
1-L	DUFL	Duodenal fluid	2.16.840.1.113883.5.129
1-L	EAR	Ear	2.16.840.1.113883.5.129
1-L	EARW	Ear wax (cerumen)	2.16.840.1.113883.5.129
1-L	ELT	Electrode	2.16.840.1.113883.5.129
1-L	ENDC	Endocardium	2.16.840.1.113883.5.129
1-L	ENDM	Endometrium	2.16.840.1.113883.5.129
1-L	EOS	Eosinophils	2.16.840.1.113883.5.129
1-L	EYE	Eye	2.16.840.1.113883.5.129
1-L	FIB	Fibroblasts	2.16.840.1.113883.5.129
1-L	FIST	Fistula	2.16.840.1.113883.5.129
1-L	FLT	Filter	2.16.840.1.113883.5.129
1-L	FLU	Body fluid, unsp	2.16.840.1.113883.5.129
1-L	FOOD	Food sample	2.16.840.1.113883.5.129
1-L	GAS	Gas	2.16.840.1.113883.5.129
1-L	GAST	Gastric fluid/contents	2.16.840.1.113883.5.129
1-L	GEN	Genital	2.16.840.1.113883.5.129

1-L	GENC	Genital cervix	2.16.840.1.113883.5.129
1-L	GENF	Genital fluid	2.16.840.1.113883.5.129
1-L	GENL	Genital lochia	2.16.840.1.113883.5.129
1-L	GENV	Genital vaginal	2.16.840.1.113883.5.129
1-L	HAR	Hair	2.16.840.1.113883.5.129
1-L	IHG	Inhaled Gas	2.16.840.1.113883.5.129
1-L	ISLT	Isolate	2.16.840.1.113883.5.129
1-L	IT	Intubation tube	2.16.840.1.113883.5.129
1-L	LAM	Lamella	2.16.840.1.113883.5.129
1-L	LIQ	Liquid NOS	2.16.840.1.113883.5.129
1-L	LN	Line	2.16.840.1.113883.5.129
1-L	LNA	Line arterial	2.16.840.1.113883.5.129
1-L	LNV	Line venous	2.16.840.1.113883.5.129
1-L	LYM	Lymphocytes	2.16.840.1.113883.5.129
1-L	MAC	Macrophages	2.16.840.1.113883.5.129
1-L	MAR	Marrow (bone)	2.16.840.1.113883.5.129
1-L	MBLD	Menstrual blood	2.16.840.1.113883.5.129
1-L	MEC	Meconium	2.16.840.1.113883.5.129
1-L	MILK	Breast milk	2.16.840.1.113883.5.129
1-L	MLK	Milk	2.16.840.1.113883.5.129
1-L	NAIL	Nail	2.16.840.1.113883.5.129
1-L	NOS	Nose (nasal passage)	2.16.840.1.113883.5.129

1-L	PAFL	Pancreatic fluid	2.16.840.1.113883.5.129
1-L	PAT	Patient	2.16.840.1.113883.5.129
1-L	PLAS	Plasma	2.16.840.1.113883.5.129
1-L	PLB	Plasma bag	2.16.840.1.113883.5.129
1-L	PLC	Placenta	2.16.840.1.113883.5.129
1-L	PLR	Pleural fluid (thoracentesis fld)	2.16.840.1.113883.5.129
1-L	PMN	Polymorphonuclear neutrophils	2.16.840.1.113883.5.129
1-L	PPP	Platelet poor plasma	2.16.840.1.113883.5.129
1-L	PRP	Platelet rich plasma	2.16.840.1.113883.5.129
1-L	PRT	Peritoneal fluid /ascites	2.16.840.1.113883.5.129
1-L	PUS	Pus	2.16.840.1.113883.5.129
1-L	RBC	Erythrocytes	2.16.840.1.113883.5.129
1-L	SAL	Saliva	2.16.840.1.113883.5.129
1-L	SER	Serum	2.16.840.1.113883.5.129
1-L	SKM	Skeletal muscle	2.16.840.1.113883.5.129
1-L	SKN	Skin	2.16.840.1.113883.5.129
1-L	SMN	Seminal fluid	2.16.840.1.113883.5.129
1-L	SMPLS	Seminal plasma	2.16.840.1.113883.5.129
1-L	SNV	Synovial fluid (Joint fluid)	2.16.840.1.113883.5.129
1-L	SPRM	Spermatozoa	2.16.840.1.113883.5.129
1-L	SPT	Sputum	2.16.840.1.113883.5.129
1-L	SPTC	Sputum - coughed	2.16.840.1.113883.5.129

1-L	SPTT	Sputum - tracheal aspirate	2.16.840.1.113883.5.129
1-L	STL	Stool = Fecal	2.16.840.1.113883.5.129
1-L	SWT	Sweat	2.16.840.1.113883.5.129
1-L	TEAR	Tears	2.16.840.1.113883.5.129
1-L	THRB	Thrombocyte (platelet)	2.16.840.1.113883.5.129
1-L	THRT	Throat	2.16.840.1.113883.5.129
1-L	TISG	Tissue gall bladder	2.16.840.1.113883.5.129
1-L	TISPL	Tissue placenta	2.16.840.1.113883.5.129
1-L	TISS	Tissue, unspecified	2.16.840.1.113883.5.129
1-L	TISU	Tissue ulcer	2.16.840.1.113883.5.129
1-L	TLGI	Tissue large intestine	2.16.840.1.113883.5.129
1-L	TLNG	Tissue lung	2.16.840.1.113883.5.129
1-L	TSMI	Tissue small intestine Tissue ulcer	2.16.840.1.113883.5.129
1-L	TUB	Tube, unspecified	2.16.840.1.113883.5.129
1-L	ULC	Ulcer	2.16.840.1.113883.5.129
1-L	UMB	Umbilical blood	2.16.840.1.113883.5.129
1-L	UMED	Unknown medicine	2.16.840.1.113883.5.129
1-L	UR	Urine	2.16.840.1.113883.5.129
1-L	URC	Urine clean catch	2.16.840.1.113883.5.129
1-L	URNS	Urine sediment	2.16.840.1.113883.5.129
1-L	URT	Urine catheter	2.16.840.1.113883.5.129
1-L	URTH	Urethra	2.16.840.1.113883.5.129

1-L	USUB	Unknown substance	2.16.840.1.113883.5.129
1-L	VOM	Vomitus	2.16.840.1.113883.5.129
1-L	WAT	Water	2.16.840.1.113883.5.129
1-L	WBC	Leukocytes	2.16.840.1.113883.5.129
1-L	WICK	Wick	2.16.840.1.113883.5.129
1-L	WND	Wound	2.16.840.1.113883.5.129
1-L	WNDA	Wound abscess	2.16.840.1.113883.5.129
1-L	WNDD	Wound drainage	2.16.840.1.113883.5.129
1-L	WNDE	Wound exudate	2.16.840.1.113883.5.129
0-L	VCCNE	Vaccine	2.16.840.1.113883.5.1060
1-L	ACDA	ACD Solution A	2.16.840.1.113883.5.1060
1-L	ACDB	ACD Solution B	2.16.840.1.113883.5.1060
1-L	ACET	Acetic Acid	2.16.840.1.113883.5.1060
1-L	AMIES	Amies transport medium	2.16.840.1.113883.5.1060
1-L	BACTM	Bacterial Transport medium	2.16.840.1.113883.5.1060
1-L	BF10	Buffered 10% formalin	2.16.840.1.113883.5.1060
1-L	BOR	Boric Acid	2.16.840.1.113883.5.1060
1-L	BOUIN	Bouin's solution	2.16.840.1.113883.5.1060
1-L	BSKM	Buffered skim milk	2.16.840.1.113883.5.1060
1-L	C32	3.2% Citrate	2.16.840.1.113883.5.1060
1-L	C38	3.8% Citrate	2.16.840.1.113883.5.1060
1-L	CARS	Carson's Modified 10% formalin	2.16.840.1.113883.5.1060

1-L	CARY	Cary Blair Medium	2.16.840.1.113883.5.1060
1-L	CHLTM	Chlamydia transport medium	2.16.840.1.113883.5.1060
1-L	CTAD	CTAD	2.16.840.1.113883.5.1060
1-L	EDTK15	Potassium/K EDTA 15%	2.16.840.1.113883.5.1060
1-L	EDTK75	Potassium/K EDTA 7.5%	2.16.840.1.113883.5.1060
1-L	EDTN	Sodium/Na EDTA	2.16.840.1.113883.5.1060
1-L	ENT	Enteric bacteria transport medium	2.16.840.1.113883.5.1060
1-L	F10	10% Formalin	2.16.840.1.113883.5.1060
1-L	FDP	Thrombin NIH; soybean trypsin inhibitor	2.16.840.1.113883.5.1060
1-L	FL10	Sodium Fluoride, 10mg	2.16.840.1.113883.5.1060
1-L	FL100	Sodium Fluoride, 100mg	2.16.840.1.113883.5.1060
1-L	HCL6	6N HCL	2.16.840.1.113883.5.1060
1-L	HEPA	Ammonium heparin	2.16.840.1.113883.5.1060
1-L	HEPL	Lithium/Li Heparin	2.16.840.1.113883.5.1060
1-L	HEPN	Sodium/Na Heparin	2.16.840.1.113883.5.1060
1-L	HNO3	Nitric Acid	2.16.840.1.113883.5.1060
1-L	JKM	Jones Kendrick Medium	2.16.840.1.113883.5.1060
1-L	KARN	Karnovsky's fixative	2.16.840.1.113883.5.1060
1-L	KOX	Potassium Oxalate	2.16.840.1.113883.5.1060
1-L	LIA	Lithium iodoacetate	2.16.840.1.113883.5.1060
1-L	M4	M4	2.16.840.1.113883.5.1060
1-L	M4RT	M4-RT	2.16.840.1.113883.5.1060

1-L	M5	M5	2.16.840.1.113883.5.1060
1-L	MICHTM	Michel's transport medium	2.16.840.1.113883.5.1060
1-L	MMDTM	MMD transport medium	2.16.840.1.113883.5.1060
1-L	NAF	Sodium Fluoride	2.16.840.1.113883.5.1060
1-L	NONE	None	2.16.840.1.113883.5.1060
1-L	PAGE	Page's Saline	2.16.840.1.113883.5.1060
1-L	PHENOL	Phenol	2.16.840.1.113883.5.1060
1-L	PVA	Polyvinylalcohol	2.16.840.1.113883.5.1060
1-L	RLM	Reagan Lowe Medium	2.16.840.1.113883.5.1060
1-L	SILICA	Siliceous earth	2.16.840.1.113883.5.1060
1-L	SPS	Sodium polyanethol sulfonate 0.35% in 0.85% sodium chloride	2.16.840.1.113883.5.1060
1-L	SST	Serum Separator Tube	2.16.840.1.113883.5.1060
1-L	STUTM	Stuart transport medium	2.16.840.1.113883.5.1060
1-L	THROM	Thrombin	2.16.840.1.113883.5.1060
1-L	THYMOL	Thymol	2.16.840.1.113883.5.1060
1-L	THYO	Thyoglycolate broth	2.16.840.1.113883.5.1060
1-L	TOLU	Toluene	2.16.840.1.113883.5.1060
1-L	URETM	Ureaplasma transport medium	2.16.840.1.113883.5.1060
1-L	VIRTM	Viral Transport medium	2.16.840.1.113883.5.1060
1-L	WEST	Buffered Citrate	2.16.840.1.113883.5.1060
1-S	PKG	Package	2.16.840.1.113883.5.1060
2-A	_NonRigidContainerEntityType	NonRigidContainerEntityType	2.16.840.1.113883.5.1060





3-L	BAG	Bag	2.16.840.1.113883.5.1060
3-L	PACKT	Packet	2.16.840.1.113883.5.1060
3-L	PCH	Pouch	2.16.840.1.113883.5.1060
3-L	SACH	Sachet	2.16.840.1.113883.5.1060
2-A	_RigidContainerEntityType	RigidContainerEntityType	2.16.840.1.113883.5.1060
3-A	_IndividualPackageEntityType	IndividualPackageEntityType	2.16.840.1.113883.5.1060
4-L	AMP	Ampule	2.16.840.1.113883.5.1060
4-L	MINIM	Minim	2.16.840.1.113883.5.1060
4-L	NEBAMP	Nebuamp	2.16.840.1.113883.5.1060
4-L	OVUL	Ovule	2.16.840.1.113883.5.1060
3-A	_MultiUseContainerEntityType	MultiUseContainerEntityType	2.16.840.1.113883.5.1060
4-S	BOT	Bottle	2.16.840.1.113883.5.1060
5-L	BOTA	Amber Bottle	2.16.840.1.113883.5.1060
5-L	BOTD	Dropper Bottle	2.16.840.1.113883.5.1060
5-L	BOTG	Glass Bottle	2.16.840.1.113883.5.1060
5-S	BOTP	Plastic Bottle	2.16.840.1.113883.5.1060
6-L	BOTPLY	Polyethylene Bottle	2.16.840.1.113883.5.1060
4-L	BOX	Box	2.16.840.1.113883.5.1060
4-L	CAN	Can	2.16.840.1.113883.5.1060
4-L	CART	Cartridge	2.16.840.1.113883.5.1060
4-L	CNSTR	Canister	2.16.840.1.113883.5.1060
4-L	JAR	Jar	2.16.840.1.113883.5.1060

4-L	JUG	Jug	2.16.840.1.113883.5.1060
4-L	TIN	Tin	2.16.840.1.113883.5.1060
4-L	TUB	Tub	2.16.840.1.113883.5.1060
4-L	TUBE	Tube	2.16.840.1.113883.5.1060
4-L	VIAL	Vial	2.16.840.1.113883.5.1060
3-S	BLSTRPK	Blister Pack	2.16.840.1.113883.5.1060
4-L	CARD	Card	2.16.840.1.113883.5.1060
2-S	COMPPKG	Compliance Package	2.16.840.1.113883.5.1060
3-S	BLSTRPK	Blister Pack	2.16.840.1.113883.5.1060
4-L	CARD	Card	2.16.840.1.113883.5.1060
3-L	DIALPK	Dial Pack	2.16.840.1.113883.5.1060
3-L	DISK	Disk	2.16.840.1.113883.5.1060
3-L	DOSET	Dosette	2.16.840.1.113883.5.1060
3-L	STRIP	Strip	2.16.840.1.113883.5.1060
2-S	KIT	Kit	2.16.840.1.113883.5.1060
3-L	SYSTEM	System	2.16.840.1.113883.5.1060
1-A	_AccessMedicalDevice	AccessMedicalDevice	2.16.840.1.113883.5.1060
2-S	LINE	Line	2.16.840.1.113883.5.1060
3-L	IALINE	Intra-arterial Line	2.16.840.1.113883.5.1060
3-L	IVLINE	Intravenous Line	2.16.840.1.113883.5.1060
1-A	_AdministrationMedicalDevice	AdministrationMedicalDevice	2.16.840.1.113883.5.1060
2-A	_InjectionMedicalDevice	InjectionMedicalDevice	2.16.840.1.113883.5.1060

3-L	AINJ	AutoInjector	2.16.840.1.113883.5.1060
3-L	PEN	Pen	2.16.840.1.113883.5.1060
3-L	SYR	Syringe	2.16.840.1.113883.5.1060
2-L	APLCTR	Applicator	2.16.840.1.113883.5.1060
2-S	INH	Inhaler	2.16.840.1.113883.5.1060
3-L	DSKS	Diskus	2.16.840.1.113883.5.1060
3-L	DSKUNH	Diskhaler	2.16.840.1.113883.5.1060
3-L	TRBINH	Turbuhaler	2.16.840.1.113883.5.1060
2-L	PMP	Pump	2.16.840.1.113883.5.1060
0-L	VCCNE	Vaccine	2.16.840.1.113883.5.1060

Legenda: Type L=leaf, S=specializable, A=abstract, D=deprecated. NullFlavors to appear in @nullFlavor attribute instead of @code.

6.1.28 MaterialEntityType 2.16.840.1.113883.1.11.16041 - 2011-07-26 (DEFN=UV=VO=1099-20110726) (from repository: ad2bbr-)

Id	2.16.840.1.113883.1.11.16041  ad2bbr-	Effective Date	2011-07-26 Other versions this id: <ul style="list-style-type: none">  MaterialEntityTypeDEFN=UV=VO=1360-20160323 - as of 2014-03-26  ad2bbr-
Status	 Final	Version Label	DEFN=UV=VO=1099-20110726
Name	MaterialEntityType	Display Name	MaterialEntityType
Description	description: Types of Material for EntityClass "MAT"		
2 Source Code Systems	2.16.840.1.113883.5.1060		

2.16.840.1.113883.5.129

Level/ Type	Code	Display Name	Code System
1-A	_ContainerEntityType	ContainerEntityType	2.16.840.1.113883.5.1060
2-S	PKG	Package	2.16.840.1.113883.5.1060
3-A	_NonRigidContainerEntityType	NonRigidContainerEntityType	2.16.840.1.113883.5.1060
4-L	BAG	Bag	2.16.840.1.113883.5.1060
4-L	PACKT	Packet	2.16.840.1.113883.5.1060
4-L	PCH	Pouch	2.16.840.1.113883.5.1060
4-L	SACH	Sachet	2.16.840.1.113883.5.1060
3-A	_RigidContainerEntityType	RigidContainerEntityType	2.16.840.1.113883.5.1060
4-A	_IndividualPackageEntityType	IndividualPackageEntityType	2.16.840.1.113883.5.1060
5-L	AMP	Ampule	2.16.840.1.113883.5.1060
5-L	MINIM	Minim	2.16.840.1.113883.5.1060
5-L	NEBAMP	Nebuamp	2.16.840.1.113883.5.1060
5-L	OVUL	Ovule	2.16.840.1.113883.5.1060
4-A	_MultiUseContainerEntityType	MultiUseContainerEntityType	2.16.840.1.113883.5.1060
5-S	BOT	Bottle	2.16.840.1.113883.5.1060
6-L	BOTA	Amber Bottle	2.16.840.1.113883.5.1060
6-L	BOTD	Dropper Bottle	2.16.840.1.113883.5.1060
6-L	BOTG	Glass Bottle	2.16.840.1.113883.5.1060
6-S	BOTP	Plastic Bottle	2.16.840.1.113883.5.1060
7-L	BOTPLY	Polyethylene Bottle	2.16.840.1.113883.5.1060

5-L	BOX	Box	2.16.840.1.113883.5.1060
5-L	CAN	Can	2.16.840.1.113883.5.1060
5-L	CART	Cartridge	2.16.840.1.113883.5.1060
5-L	CNSTR	Canister	2.16.840.1.113883.5.1060
5-L	JAR	Jar	2.16.840.1.113883.5.1060
5-L	JUG	Jug	2.16.840.1.113883.5.1060
5-L	TIN	Tin	2.16.840.1.113883.5.1060
5-L	TUB	Tub	2.16.840.1.113883.5.1060
5-L	TUBE	Tube	2.16.840.1.113883.5.1060
5-L	VIAL	Vial	2.16.840.1.113883.5.1060
4-S	BLSTRPK	Blister Pack	2.16.840.1.113883.5.1060
5-L	CARD	Card	2.16.840.1.113883.5.1060
3-S	COMPPKG	Compliance Package	2.16.840.1.113883.5.1060
4-S	BLSTRPK	Blister Pack	2.16.840.1.113883.5.1060
5-L	CARD	Card	2.16.840.1.113883.5.1060
4-L	DIALPK	Dial Pack	2.16.840.1.113883.5.1060
4-L	DISK	Disk	2.16.840.1.113883.5.1060
4-L	DOSET	Dosette	2.16.840.1.113883.5.1060
4-L	STRIP	Strip	2.16.840.1.113883.5.1060
3-S	KIT	Kit	2.16.840.1.113883.5.1060
4-L	SYSTM	System	2.16.840.1.113883.5.1060
1-A	_MedicalDevice	MedicalDevice	2.16.840.1.113883.5.1060

2-A	_AccessMedicalDevice	AccessMedicalDevice	2.16.840.1.113883.5.1060
3-S	LINE	Line	2.16.840.1.113883.5.1060
4-L	IALINE	Intra-arterial Line	2.16.840.1.113883.5.1060
4-L	IVLINE	Intravenous Line	2.16.840.1.113883.5.1060
2-A	_AdministrationMedicalDevice	AdministrationMedicalDevice	2.16.840.1.113883.5.1060
3-A	_InjectionMedicalDevice	InjectionMedicalDevice	2.16.840.1.113883.5.1060
4-L	AINJ	AutoInjector	2.16.840.1.113883.5.1060
4-L	PEN	Pen	2.16.840.1.113883.5.1060
4-L	SYR	Syringe	2.16.840.1.113883.5.1060
3-L	APLCTR	Applicator	2.16.840.1.113883.5.1060
3-S	INH	Inhaler	2.16.840.1.113883.5.1060
4-L	DSKS	Diskus	2.16.840.1.113883.5.1060
4-L	DSKUNH	Diskhaler	2.16.840.1.113883.5.1060
4-L	TRBINH	Turbuhaler	2.16.840.1.113883.5.1060
3-L	PMP	Pump	2.16.840.1.113883.5.1060
1-A	_SpecimenAdditiveEntity	SpecimenAdditiveEntity	2.16.840.1.113883.5.1060
2-L	ACDA	ACD Solution A	2.16.840.1.113883.5.1060
2-L	ACDB	ACD Solution B	2.16.840.1.113883.5.1060
2-L	ACET	Acetic Acid	2.16.840.1.113883.5.1060
2-L	AMIES	Amies transport medium	2.16.840.1.113883.5.1060
2-L	BACTM	Bacterial Transport medium	2.16.840.1.113883.5.1060
2-L	BF10	Buffered 10% formalin	2.16.840.1.113883.5.1060

2-L	BOR	Boric Acid	2.16.840.1.113883.5.1060
2-L	BOUIN	Bouin's solution	2.16.840.1.113883.5.1060
2-L	BSKM	Buffered skim milk	2.16.840.1.113883.5.1060
2-L	C32	3.2% Citrate	2.16.840.1.113883.5.1060
2-L	C38	3.8% Citrate	2.16.840.1.113883.5.1060
2-L	CARS	Carson's Modified 10% formalin	2.16.840.1.113883.5.1060
2-L	CARY	Cary Blair Medium	2.16.840.1.113883.5.1060
2-L	CHLTM	Chlamydia transport medium	2.16.840.1.113883.5.1060
2-L	CTAD	CTAD	2.16.840.1.113883.5.1060
2-L	EDTK15	Potassium/K EDTA 15%	2.16.840.1.113883.5.1060
2-L	EDTK75	Potassium/K EDTA 7.5%	2.16.840.1.113883.5.1060
2-L	EDTN	Sodium/Na EDTA	2.16.840.1.113883.5.1060
2-L	ENT	Enteric bacteria transport medium	2.16.840.1.113883.5.1060
2-L	F10	10% Formalin	2.16.840.1.113883.5.1060
2-L	FDP	Thrombin NIH; soybean trypsin inhibitor	2.16.840.1.113883.5.1060
2-L	FL10	Sodium Fluoride, 10mg	2.16.840.1.113883.5.1060
2-L	FL100	Sodium Fluoride, 100mg	2.16.840.1.113883.5.1060
2-L	HCL6	6N HCL	2.16.840.1.113883.5.1060
2-L	HEPA	Ammonium heparin	2.16.840.1.113883.5.1060
2-L	HEPL	Lithium/Li Heparin	2.16.840.1.113883.5.1060
2-L	HEPN	Sodium/Na Heparin	2.16.840.1.113883.5.1060
2-L	HNO3	Nitric Acid	2.16.840.1.113883.5.1060

2-L	JKM	Jones Kendrick Medium	2.16.840.1.113883.5.1060
2-L	KARN	Karnovsky's fixative	2.16.840.1.113883.5.1060
2-L	KOX	Potassium Oxalate	2.16.840.1.113883.5.1060
2-L	LIA	Lithium iodoacetate	2.16.840.1.113883.5.1060
2-L	M4	M4	2.16.840.1.113883.5.1060
2-L	M4RT	M4-RT	2.16.840.1.113883.5.1060
2-L	M5	M5	2.16.840.1.113883.5.1060
2-L	MICHTM	Michel's transport medium	2.16.840.1.113883.5.1060
2-L	MMDTM	MMD transport medium	2.16.840.1.113883.5.1060
2-L	NAF	Sodium Fluoride	2.16.840.1.113883.5.1060
2-L	NONE	None	2.16.840.1.113883.5.1060
2-L	PAGE	Page's Saline	2.16.840.1.113883.5.1060
2-L	PHENOL	Phenol	2.16.840.1.113883.5.1060
2-L	PVA	Polyvinylalcohol	2.16.840.1.113883.5.1060
2-L	RLM	Reagan Lowe Medium	2.16.840.1.113883.5.1060
2-L	SILICA	Siliceous earth	2.16.840.1.113883.5.1060
2-L	SPS	Sodium polyanethol sulfonate 0.35% in 0.85% sodium chloride	2.16.840.1.113883.5.1060
2-L	SST	Serum Separator Tube	2.16.840.1.113883.5.1060
2-L	STUTM	Stuart transport medium	2.16.840.1.113883.5.1060
2-L	THROM	Thrombin	2.16.840.1.113883.5.1060
2-L	THYMOL	Thymol	2.16.840.1.113883.5.1060
2-L	THYO	Thyoglycolate broth	2.16.840.1.113883.5.1060

2-L	TOLU	Toluene	2.16.840.1.113883.5.1060
2-L	URETM	Ureaplasma transport medium	2.16.840.1.113883.5.1060
2-L	VIRTM	Viral Transport medium	2.16.840.1.113883.5.1060
2-L	WEST	Buffered Citrate	2.16.840.1.113883.5.1060
1-L	BLDPRD	Blood Product	2.16.840.1.113883.5.1060
1-L	VCCNE	Vaccine	2.16.840.1.113883.5.1060
1-L	ACDA	ACD Solution A	2.16.840.1.113883.5.1060
1-L	ACDB	ACD Solution B	2.16.840.1.113883.5.1060
1-L	ACET	Acetic Acid	2.16.840.1.113883.5.1060
1-L	AMIES	Amies transport medium	2.16.840.1.113883.5.1060
1-L	BACTM	Bacterial Transport medium	2.16.840.1.113883.5.1060
1-L	BF10	Buffered 10% formalin	2.16.840.1.113883.5.1060
1-L	BOR	Boric Acid	2.16.840.1.113883.5.1060
1-L	BOUIN	Bouin's solution	2.16.840.1.113883.5.1060
1-L	BSKM	Buffered skim milk	2.16.840.1.113883.5.1060
1-L	C32	3.2% Citrate	2.16.840.1.113883.5.1060
1-L	C38	3.8% Citrate	2.16.840.1.113883.5.1060
1-L	CARS	Carson's Modified 10% formalin	2.16.840.1.113883.5.1060
1-L	CARY	Cary Blair Medium	2.16.840.1.113883.5.1060
1-L	CHLTM	Chlamydia transport medium	2.16.840.1.113883.5.1060
1-L	CTAD	CTAD	2.16.840.1.113883.5.1060
1-L	EDTK15	Potassium/K EDTA 15%	2.16.840.1.113883.5.1060

1-L	EDTK75	Potassium/K EDTA 7.5%	2.16.840.1.113883.5.1060
1-L	EDTN	Sodium/Na EDTA	2.16.840.1.113883.5.1060
1-L	ENT	Enteric bacteria transport medium	2.16.840.1.113883.5.1060
1-L	F10	10% Formalin	2.16.840.1.113883.5.1060
1-L	FDP	Thrombin NIH; soybean trypsin inhibitor	2.16.840.1.113883.5.1060
1-L	FL10	Sodium Fluoride, 10mg	2.16.840.1.113883.5.1060
1-L	FL100	Sodium Fluoride, 100mg	2.16.840.1.113883.5.1060
1-L	HCL6	6N HCL	2.16.840.1.113883.5.1060
1-L	HEPA	Ammonium heparin	2.16.840.1.113883.5.1060
1-L	HEPL	Lithium/Li Heparin	2.16.840.1.113883.5.1060
1-L	HEPN	Sodium/Na Heparin	2.16.840.1.113883.5.1060
1-L	HNO3	Nitric Acid	2.16.840.1.113883.5.1060
1-L	JKM	Jones Kendrick Medium	2.16.840.1.113883.5.1060
1-L	KARN	Karnovsky's fixative	2.16.840.1.113883.5.1060
1-L	KOX	Potassium Oxalate	2.16.840.1.113883.5.1060
1-L	LIA	Lithium iodoacetate	2.16.840.1.113883.5.1060
1-L	M4	M4	2.16.840.1.113883.5.1060
1-L	M4RT	M4-RT	2.16.840.1.113883.5.1060
1-L	M5	M5	2.16.840.1.113883.5.1060
1-L	MICHTM	Michel's transport medium	2.16.840.1.113883.5.1060
1-L	MMDTM	MMD transport medium	2.16.840.1.113883.5.1060
1-L	NAF	Sodium Fluoride	2.16.840.1.113883.5.1060

1-L	NONE	None	2.16.840.1.113883.5.1060
1-L	PAGE	Page's Saline	2.16.840.1.113883.5.1060
1-L	PHENOL	Phenol	2.16.840.1.113883.5.1060
1-L	PVA	Polyvinylalcohol	2.16.840.1.113883.5.1060
1-L	RLM	Reagan Lowe Medium	2.16.840.1.113883.5.1060
1-L	SILICA	Siliceous earth	2.16.840.1.113883.5.1060
1-L	SPS	Sodium polyanethol sulfonate 0.35% in 0.85% sodium chloride	2.16.840.1.113883.5.1060
1-L	SST	Serum Separator Tube	2.16.840.1.113883.5.1060
1-L	STUTM	Stuart transport medium	2.16.840.1.113883.5.1060
1-L	THROM	Thrombin	2.16.840.1.113883.5.1060
1-L	THYMOL	Thymol	2.16.840.1.113883.5.1060
1-L	THYO	Thyoglycolate broth	2.16.840.1.113883.5.1060
1-L	TOLU	Toluene	2.16.840.1.113883.5.1060
1-L	URETM	Ureaplasma transport medium	2.16.840.1.113883.5.1060
1-L	VIRTM	Viral Transport medium	2.16.840.1.113883.5.1060
1-L	WEST	Buffered Citrate	2.16.840.1.113883.5.1060
1-S	PKG	Package	2.16.840.1.113883.5.1060
2-A	_NonRigidContainerEntityType	NonRigidContainerEntityType	2.16.840.1.113883.5.1060
3-L	BAG	Bag	2.16.840.1.113883.5.1060
3-L	PACKT	Packet	2.16.840.1.113883.5.1060
3-L	PCH	Pouch	2.16.840.1.113883.5.1060
3-L	SACH	Sachet	2.16.840.1.113883.5.1060

2-A	_RigidContainerEntityType	RigidContainerEntityType	2.16.840.1.113883.5.1060
3-A	_IndividualPackageEntityType	IndividualPackageEntityType	2.16.840.1.113883.5.1060
4-L	AMP	Ampule	2.16.840.1.113883.5.1060
4-L	MINIM	Minim	2.16.840.1.113883.5.1060
4-L	NEBAMP	Nebuamp	2.16.840.1.113883.5.1060
4-L	OVUL	Ovule	2.16.840.1.113883.5.1060
3-A	_MultiUseContainerEntityType	MultiUseContainerEntityType	2.16.840.1.113883.5.1060
4-S	BOT	Bottle	2.16.840.1.113883.5.1060
5-L	BOTA	Amber Bottle	2.16.840.1.113883.5.1060
5-L	BOTD	Dropper Bottle	2.16.840.1.113883.5.1060
5-L	BOTG	Glass Bottle	2.16.840.1.113883.5.1060
5-S	BOTP	Plastic Bottle	2.16.840.1.113883.5.1060
6-L	BOTPLY	Polyethylene Bottle	2.16.840.1.113883.5.1060
4-L	BOX	Box	2.16.840.1.113883.5.1060
4-L	CAN	Can	2.16.840.1.113883.5.1060
4-L	CART	Cartridge	2.16.840.1.113883.5.1060
4-L	CNSTR	Canister	2.16.840.1.113883.5.1060
4-L	JAR	Jar	2.16.840.1.113883.5.1060
4-L	JUG	Jug	2.16.840.1.113883.5.1060
4-L	TIN	Tin	2.16.840.1.113883.5.1060
4-L	TUB	Tub	2.16.840.1.113883.5.1060
4-L	TUBE	Tube	2.16.840.1.113883.5.1060

4-L	VIAL	Vial	2.16.840.1.113883.5.1060
3-S	BLSTRPK	Blister Pack	2.16.840.1.113883.5.1060
4-L	CARD	Card	2.16.840.1.113883.5.1060
2-S	COMPPKG	Compliance Package	2.16.840.1.113883.5.1060
3-S	BLSTRPK	Blister Pack	2.16.840.1.113883.5.1060
4-L	CARD	Card	2.16.840.1.113883.5.1060
3-L	DIALPK	Dial Pack	2.16.840.1.113883.5.1060
3-L	DISK	Disk	2.16.840.1.113883.5.1060
3-L	DOSET	Dosette	2.16.840.1.113883.5.1060
3-L	STRIP	Strip	2.16.840.1.113883.5.1060
2-S	KIT	Kit	2.16.840.1.113883.5.1060
3-L	SYSTM	System	2.16.840.1.113883.5.1060
1-A	_AccessMedicalDevice	AccessMedicalDevice	2.16.840.1.113883.5.1060
2-S	LINE	Line	2.16.840.1.113883.5.1060
3-L	IALINE	Intra-arterial Line	2.16.840.1.113883.5.1060
3-L	IVLINE	Intravenous Line	2.16.840.1.113883.5.1060
1-A	_AdministrationMedicalDevice	AdministrationMedicalDevice	2.16.840.1.113883.5.1060
2-A	_InjectionMedicalDevice	InjectionMedicalDevice	2.16.840.1.113883.5.1060
3-L	AINJ	AutoInjector	2.16.840.1.113883.5.1060
3-L	PEN	Pen	2.16.840.1.113883.5.1060
3-L	SYR	Syringe	2.16.840.1.113883.5.1060
2-L	APLCTR	Applicator	2.16.840.1.113883.5.1060

2-S	INH	Inhaler	2.16.840.1.113883.5.1060
3-L	DSKS	Diskus	2.16.840.1.113883.5.1060
3-L	DSKUNH	Diskhaler	2.16.840.1.113883.5.1060
3-L	TRBINH	Turbuhaler	2.16.840.1.113883.5.1060
2-L	PMP	Pump	2.16.840.1.113883.5.1060
1-L	ABS	Abcess	2.16.840.1.113883.5.129
1-L	AMN	Amniotic fluid	2.16.840.1.113883.5.129
1-L	ASP	Aspirate	2.16.840.1.113883.5.129
1-L	BBL	Blood bag	2.16.840.1.113883.5.129
1-L	BDY	Whole body	2.16.840.1.113883.5.129
1-L	BIFL	Bile fluid	2.16.840.1.113883.5.129
1-L	BLD	Whole blood	2.16.840.1.113883.5.129
1-L	BLDA	Blood arterial	2.16.840.1.113883.5.129
1-L	BLDC	Blood capillary	2.16.840.1.113883.5.129
1-L	BLDCO	Blood - cord	2.16.840.1.113883.5.129
1-L	BLDV	Blood venous	2.16.840.1.113883.5.129
1-L	BON	Bone	2.16.840.1.113883.5.129
1-L	BPH	Basophils	2.16.840.1.113883.5.129
1-L	BPU	Blood product unit	2.16.840.1.113883.5.129
1-L	BRN	Burn	2.16.840.1.113883.5.129
1-L	BRO	Bronchial	2.16.840.1.113883.5.129
1-L	BRTH	Exhaled gas (=breath) Breath (use EXG)	2.16.840.1.113883.5.129

1-L	EXG	Exhaled gas (=breath) Breath (use EXG)	2.16.840.1.113883.5.129
1-L	CALC	Calculus (=Stone) Stone (use CALC)	2.16.840.1.113883.5.129
1-L	STON	Calculus (=Stone) Stone (use CALC)	2.16.840.1.113883.5.129
1-L	CDM	Cardiac muscle	2.16.840.1.113883.5.129
1-L	CNJT	Conjunctiva	2.16.840.1.113883.5.129
1-L	CNL	Cannula	2.16.840.1.113883.5.129
1-L	COL	Colostrum	2.16.840.1.113883.5.129
1-L	CRN	Cornea	2.16.840.1.113883.5.129
1-L	CSF	Cerebral spinal fluid	2.16.840.1.113883.5.129
1-L	CTP	Catheter tip	2.16.840.1.113883.5.129
1-L	CUR	Curettage	2.16.840.1.113883.5.129
1-L	CVM	Cervical mucus	2.16.840.1.113883.5.129
1-L	CVX	Cervix	2.16.840.1.113883.5.129
1-L	CYST	Cyst	2.16.840.1.113883.5.129
1-L	DIAF	Dialysis fluid	2.16.840.1.113883.5.129
1-L	DOSE	Dose med or substance	2.16.840.1.113883.5.129
1-L	DRN	Drain	2.16.840.1.113883.5.129
1-L	DUFL	Duodenal fluid	2.16.840.1.113883.5.129
1-L	EAR	Ear	2.16.840.1.113883.5.129
1-L	EARW	Ear wax (cerumen)	2.16.840.1.113883.5.129
1-L	ELT	Electrode	2.16.840.1.113883.5.129
1-L	ENDC	Endocardium	2.16.840.1.113883.5.129

1-L	ENDM	Endometrium	2.16.840.1.113883.5.129
1-L	EOS	Eosinophils	2.16.840.1.113883.5.129
1-L	EYE	Eye	2.16.840.1.113883.5.129
1-L	FIB	Fibroblasts	2.16.840.1.113883.5.129
1-L	FIST	Fistula	2.16.840.1.113883.5.129
1-L	FLT	Filter	2.16.840.1.113883.5.129
1-L	FLU	Body fluid, unsp	2.16.840.1.113883.5.129
1-L	FOOD	Food sample	2.16.840.1.113883.5.129
1-L	GAS	Gas	2.16.840.1.113883.5.129
1-L	GAST	Gastric fluid/contents	2.16.840.1.113883.5.129
1-L	GEN	Genital	2.16.840.1.113883.5.129
1-L	GENC	Genital cervix	2.16.840.1.113883.5.129
1-L	GENF	Genital fluid	2.16.840.1.113883.5.129
1-L	GENL	Genital lochia	2.16.840.1.113883.5.129
1-L	GENV	Genital vaginal	2.16.840.1.113883.5.129
1-L	HAR	Hair	2.16.840.1.113883.5.129
1-L	IHG	Inhaled Gas	2.16.840.1.113883.5.129
1-L	ISLT	Isolate	2.16.840.1.113883.5.129
1-L	IT	Intubation tube	2.16.840.1.113883.5.129
1-L	LAM	Lamella	2.16.840.1.113883.5.129
1-L	LIQ	Liquid NOS	2.16.840.1.113883.5.129
1-L	LN	Line	2.16.840.1.113883.5.129

1-L	LNA	Line arterial	2.16.840.1.113883.5.129
1-L	LNV	Line venous	2.16.840.1.113883.5.129
1-L	LYM	Lymphocytes	2.16.840.1.113883.5.129
1-L	MAC	Macrophages	2.16.840.1.113883.5.129
1-L	MAR	Marrow (bone)	2.16.840.1.113883.5.129
1-L	MBLD	Menstrual blood	2.16.840.1.113883.5.129
1-L	MEC	Meconium	2.16.840.1.113883.5.129
1-L	MILK	Breast milk	2.16.840.1.113883.5.129
1-L	MLK	Milk	2.16.840.1.113883.5.129
1-L	NAIL	Nail	2.16.840.1.113883.5.129
1-L	NOS	Nose (nasal passage)	2.16.840.1.113883.5.129
1-L	PAFL	Pancreatic fluid	2.16.840.1.113883.5.129
1-L	PAT	Patient	2.16.840.1.113883.5.129
1-L	PLAS	Plasma	2.16.840.1.113883.5.129
1-L	PLB	Plasma bag	2.16.840.1.113883.5.129
1-L	PLC	Placenta	2.16.840.1.113883.5.129
1-L	PLR	Pleural fluid (thoracentesis fld)	2.16.840.1.113883.5.129
1-L	PMN	Polymorphonuclear neutrophils	2.16.840.1.113883.5.129
1-L	PPP	Platelet poor plasma	2.16.840.1.113883.5.129
1-L	PRP	Platelet rich plasma	2.16.840.1.113883.5.129
1-L	PRT	Peritoneal fluid /ascites	2.16.840.1.113883.5.129
1-L	PUS	Pus	2.16.840.1.113883.5.129

1-L	RBC	Erythrocytes	2.16.840.1.113883.5.129
1-L	SAL	Saliva	2.16.840.1.113883.5.129
1-L	SER	Serum	2.16.840.1.113883.5.129
1-L	SKM	Skeletal muscle	2.16.840.1.113883.5.129
1-L	SKN	Skin	2.16.840.1.113883.5.129
1-L	SMN	Seminal fluid	2.16.840.1.113883.5.129
1-L	SMPLS	Seminal plasma	2.16.840.1.113883.5.129
1-L	SNV	Synovial fluid (Joint fluid)	2.16.840.1.113883.5.129
1-L	SPRM	Spermatozoa	2.16.840.1.113883.5.129
1-L	SPT	Sputum	2.16.840.1.113883.5.129
1-L	SPTC	Sputum - coughed	2.16.840.1.113883.5.129
1-L	SPTT	Sputum - tracheal aspirate	2.16.840.1.113883.5.129
1-L	STL	Stool = Fecal	2.16.840.1.113883.5.129
1-L	SWT	Sweat	2.16.840.1.113883.5.129
1-L	TEAR	Tears	2.16.840.1.113883.5.129
1-L	THRB	Thrombocyte (platelet)	2.16.840.1.113883.5.129
1-L	THRT	Throat	2.16.840.1.113883.5.129
1-L	TISG	Tissue gall bladder	2.16.840.1.113883.5.129
1-L	TISPL	Tissue placenta	2.16.840.1.113883.5.129
1-L	TISS	Tissue, unspecified	2.16.840.1.113883.5.129
1-L	TISU	Tissue ulcer	2.16.840.1.113883.5.129
1-L	TLGI	Tissue large intestine	2.16.840.1.113883.5.129

1-L	TLNG	Tissue lung	2.16.840.1.113883.5.129
1-L	TSMI	Tissue small intestine Tissue ulcer	2.16.840.1.113883.5.129
1-L	TUB	Tube, unspecified	2.16.840.1.113883.5.129
1-L	ULC	Ulcer	2.16.840.1.113883.5.129
1-L	UMB	Umbilical blood	2.16.840.1.113883.5.129
1-L	UMED	Unknown medicine	2.16.840.1.113883.5.129
1-L	UR	Urine	2.16.840.1.113883.5.129
1-L	URC	Urine clean catch	2.16.840.1.113883.5.129
1-L	URNS	Urine sediment	2.16.840.1.113883.5.129
1-L	URT	Urine catheter	2.16.840.1.113883.5.129
1-L	URTH	Urethra	2.16.840.1.113883.5.129
1-L	USUB	Unknown substance	2.16.840.1.113883.5.129
1-L	VOM	Vomitus	2.16.840.1.113883.5.129
1-L	WAT	Water	2.16.840.1.113883.5.129
1-L	WBC	Leukocytes	2.16.840.1.113883.5.129
1-L	WICK	Wick	2.16.840.1.113883.5.129
1-L	WND	Wound	2.16.840.1.113883.5.129
1-L	WNDA	Wound abscess	2.16.840.1.113883.5.129
1-L	WNDD	Wound drainage	2.16.840.1.113883.5.129
1-L	WNDE	Wound exudate	2.16.840.1.113883.5.129
0-L	VCCNE	Vaccine	2.16.840.1.113883.5.1060
1-L	ACDA	ACD Solution A	2.16.840.1.113883.5.1060

1-L	ACDB	ACD Solution B	2.16.840.1.113883.5.1060
1-L	ACET	Acetic Acid	2.16.840.1.113883.5.1060
1-L	AMIES	Amies transport medium	2.16.840.1.113883.5.1060
1-L	BACTM	Bacterial Transport medium	2.16.840.1.113883.5.1060
1-L	BF10	Buffered 10% formalin	2.16.840.1.113883.5.1060
1-L	BOR	Boric Acid	2.16.840.1.113883.5.1060
1-L	BOUIN	Bouin's solution	2.16.840.1.113883.5.1060
1-L	BSKM	Buffered skim milk	2.16.840.1.113883.5.1060
1-L	C32	3.2% Citrate	2.16.840.1.113883.5.1060
1-L	C38	3.8% Citrate	2.16.840.1.113883.5.1060
1-L	CARS	Carson's Modified 10% formalin	2.16.840.1.113883.5.1060
1-L	CARY	Cary Blair Medium	2.16.840.1.113883.5.1060
1-L	CHLTM	Chlamydia transport medium	2.16.840.1.113883.5.1060
1-L	CTAD	CTAD	2.16.840.1.113883.5.1060
1-L	EDTK15	Potassium/K EDTA 15%	2.16.840.1.113883.5.1060
1-L	EDTK75	Potassium/K EDTA 7.5%	2.16.840.1.113883.5.1060
1-L	EDTN	Sodium/Na EDTA	2.16.840.1.113883.5.1060
1-L	ENT	Enteric bacteria transport medium	2.16.840.1.113883.5.1060
1-L	F10	10% Formalin	2.16.840.1.113883.5.1060
1-L	FDP	Thrombin NIH; soybean trypsin inhibitor	2.16.840.1.113883.5.1060
1-L	FL10	Sodium Fluoride, 10mg	2.16.840.1.113883.5.1060
1-L	FL100	Sodium Fluoride, 100mg	2.16.840.1.113883.5.1060

1-L	HCL6	6N HCL	2.16.840.1.113883.5.1060
1-L	HEPA	Ammonium heparin	2.16.840.1.113883.5.1060
1-L	HEPL	Lithium/Li Heparin	2.16.840.1.113883.5.1060
1-L	HEPN	Sodium/Na Heparin	2.16.840.1.113883.5.1060
1-L	HNO3	Nitric Acid	2.16.840.1.113883.5.1060
1-L	JKM	Jones Kendrick Medium	2.16.840.1.113883.5.1060
1-L	KARN	Karnovsky's fixative	2.16.840.1.113883.5.1060
1-L	KOX	Potassium Oxalate	2.16.840.1.113883.5.1060
1-L	LIA	Lithium iodoacetate	2.16.840.1.113883.5.1060
1-L	M4	M4	2.16.840.1.113883.5.1060
1-L	M4RT	M4-RT	2.16.840.1.113883.5.1060
1-L	M5	M5	2.16.840.1.113883.5.1060
1-L	MICHTM	Michel's transport medium	2.16.840.1.113883.5.1060
1-L	MMDTM	MMD transport medium	2.16.840.1.113883.5.1060
1-L	NAF	Sodium Fluoride	2.16.840.1.113883.5.1060
1-L	NONE	None	2.16.840.1.113883.5.1060
1-L	PAGE	Page's Saline	2.16.840.1.113883.5.1060
1-L	PHENOL	Phenol	2.16.840.1.113883.5.1060
1-L	PVA	Polyvinylalcohol	2.16.840.1.113883.5.1060
1-L	RLM	Reagan Lowe Medium	2.16.840.1.113883.5.1060
1-L	SILICA	Siliceous earth	2.16.840.1.113883.5.1060
1-L	SPS	Sodium polyanethol sulfonate 0.35% in 0.85% sodium chloride	2.16.840.1.113883.5.1060

1-L	SST	Serum Separator Tube	2.16.840.1.113883.5.1060
1-L	STUTM	Stuart transport medium	2.16.840.1.113883.5.1060
1-L	THROM	Thrombin	2.16.840.1.113883.5.1060
1-L	THYMOL	Thymol	2.16.840.1.113883.5.1060
1-L	THYO	Thyoglycolate broth	2.16.840.1.113883.5.1060
1-L	TOLU	Toluene	2.16.840.1.113883.5.1060
1-L	URETM	Ureaplasma transport medium	2.16.840.1.113883.5.1060
1-L	VIRTM	Viral Transport medium	2.16.840.1.113883.5.1060
1-L	WEST	Buffered Citrate	2.16.840.1.113883.5.1060
1-S	PKG	Package	2.16.840.1.113883.5.1060
2-A	_NonRigidContainerEntityType	NonRigidContainerEntityType	2.16.840.1.113883.5.1060
3-L	BAG	Bag	2.16.840.1.113883.5.1060
3-L	PACKT	Packet	2.16.840.1.113883.5.1060
3-L	PCH	Pouch	2.16.840.1.113883.5.1060
3-L	SACH	Sachet	2.16.840.1.113883.5.1060
2-A	_RigidContainerEntityType	RigidContainerEntityType	2.16.840.1.113883.5.1060
3-A	_IndividualPackageEntityType	IndividualPackageEntityType	2.16.840.1.113883.5.1060
4-L	AMP	Ampule	2.16.840.1.113883.5.1060
4-L	MINIM	Minim	2.16.840.1.113883.5.1060
4-L	NEBAMP	Nebuamp	2.16.840.1.113883.5.1060
4-L	OVUL	Ovule	2.16.840.1.113883.5.1060
3-A	_MultiUseContainerEntityType	MultiUseContainerEntityType	2.16.840.1.113883.5.1060

4-S	BOT	Bottle	2.16.840.1.113883.5.1060
5-L	BOTA	Amber Bottle	2.16.840.1.113883.5.1060
5-L	BOTD	Dropper Bottle	2.16.840.1.113883.5.1060
5-L	BOTG	Glass Bottle	2.16.840.1.113883.5.1060
5-S	BOTP	Plastic Bottle	2.16.840.1.113883.5.1060
6-L	BOTPLY	Polyethylene Bottle	2.16.840.1.113883.5.1060
4-L	BOX	Box	2.16.840.1.113883.5.1060
4-L	CAN	Can	2.16.840.1.113883.5.1060
4-L	CART	Cartridge	2.16.840.1.113883.5.1060
4-L	CNSTR	Canister	2.16.840.1.113883.5.1060
4-L	JAR	Jar	2.16.840.1.113883.5.1060
4-L	JUG	Jug	2.16.840.1.113883.5.1060
4-L	TIN	Tin	2.16.840.1.113883.5.1060
4-L	TUB	Tub	2.16.840.1.113883.5.1060
4-L	TUBE	Tube	2.16.840.1.113883.5.1060
4-L	VIAL	Vial	2.16.840.1.113883.5.1060
3-S	BLSTRPK	Blister Pack	2.16.840.1.113883.5.1060
4-L	CARD	Card	2.16.840.1.113883.5.1060
2-S	COMPPKG	Compliance Package	2.16.840.1.113883.5.1060
3-S	BLSTRPK	Blister Pack	2.16.840.1.113883.5.1060
4-L	CARD	Card	2.16.840.1.113883.5.1060
3-L	DIALPK	Dial Pack	2.16.840.1.113883.5.1060

3-L	DISK	Disk	2.16.840.1.113883.5.1060
3-L	DOSET	Dosette	2.16.840.1.113883.5.1060
3-L	STRIP	Strip	2.16.840.1.113883.5.1060
2-S	KIT	Kit	2.16.840.1.113883.5.1060
3-L	SYSTM	System	2.16.840.1.113883.5.1060
1-A	_AccessMedicalDevice	AccessMedicalDevice	2.16.840.1.113883.5.1060
2-S	LINE	Line	2.16.840.1.113883.5.1060
3-L	IALINE	Intra-arterial Line	2.16.840.1.113883.5.1060
3-L	IVLINE	Intravenous Line	2.16.840.1.113883.5.1060
1-A	_AdministrationMedicalDevice	AdministrationMedicalDevice	2.16.840.1.113883.5.1060
2-A	_InjectionMedicalDevice	InjectionMedicalDevice	2.16.840.1.113883.5.1060
3-L	AINJ	AutoInjector	2.16.840.1.113883.5.1060
3-L	PEN	Pen	2.16.840.1.113883.5.1060
3-L	SYR	Syringe	2.16.840.1.113883.5.1060
2-L	APLCTR	Applicator	2.16.840.1.113883.5.1060
2-S	INH	Inhaler	2.16.840.1.113883.5.1060
3-L	DSKS	Diskus	2.16.840.1.113883.5.1060
3-L	DSKUNH	Diskhaler	2.16.840.1.113883.5.1060
3-L	TRBINH	Turbuhaler	2.16.840.1.113883.5.1060
2-L	PMP	Pump	2.16.840.1.113883.5.1060
0-L	VCCNE	Vaccine	2.16.840.1.113883.5.1060

Legenda: Type L=leaf, S=specializable, A=abstract, D=deprecated. NullFlavors to appear in @nullFlavor attribute instead of @code.

6.1.29 ○ ObservationInterpretation 2.16.840.1.113883.1.11.78 - 2014-03-26 (DEFN=UV=VO=1360-20160323) ref (from repository: ad2bbr-)

Id	2.16.840.1.113883.1.11.78 ref ad2bbr-	Effective Date	2014-03-26 Other versions this id: <ul style="list-style-type: none"> ● ObservationInterpretationDEFN=UV=VO=1099-20110726 - as of 2011-07-26 ref ad2bbr-
Status	● Final	Version Label	DEFN=UV=VO=1360-20160323
Name	ObservationInterpretation	Display Name	ObservationInterpretation
Description	<p>History description 2014-03-26: Lock all vaue sets untouched since 2014-03-26 to trackingId 2014T1_2014_03_26</p> <p>description:</p> <p>One or more codes specifying a rough qualitative interpretation of the observation, such as "normal", "abnormal", "below normal", "change up", "resistant", "susceptible", etc.</p> <p><i>Discussion:</i> These interpretation codes are sometimes called "abnormal flags", however, the judgment of normalcy is just one of the common rough interpretations, and is often not relevant. For example, the susceptibility interpretations are not about "normalcy", and for any observation of a pathologic condition, it does not make sense to state the normalcy, since pathologic conditions are never considered "normal."</p>		
Source Code System	2.16.840.1.113883.5.83		
Level/ Type	Code	Display Name	Code System
0-A	_GeneticObservationInterpretation	GeneticObservationInterpretation	2.16.840.1.113883.5.83
1-L	CAR	Carrier	2.16.840.1.113883.5.83
1-L	Carrier	Carrier	2.16.840.1.113883.5.83
0-A	_ObservationInterpretationChange	ObservationInterpretationChange	2.16.840.1.113883.5.83
1-L	B	Better	2.16.840.1.113883.5.83
1-L	D	Significant change down	2.16.840.1.113883.5.83

1-L	U	Significant change up	2.16.840.1.113883.5.83
1-L	W	Worse	2.16.840.1.113883.5.83
0-A	_ObservationInterpretationExceptions	ObservationInterpretationExceptions	2.16.840.1.113883.5.83
1-L	<	Off scale low	2.16.840.1.113883.5.83
1-L	>	Off scale high	2.16.840.1.113883.5.83
1-L	AC	Anti-complementary substances present	2.16.840.1.113883.5.83
1-L	IE	Insufficient evidence	2.16.840.1.113883.5.83
1-L	QCF	Quality control failure	2.16.840.1.113883.5.83
1-L	TOX	Cytotoxic substance present	2.16.840.1.113883.5.83
0-A	_ObservationInterpretationNormality	ObservationInterpretationNormality	2.16.840.1.113883.5.83
1-S	A	Abnormal	2.16.840.1.113883.5.83
2-S	AA	Critical abnormal	2.16.840.1.113883.5.83
3-L	HH	Critical high	2.16.840.1.113883.5.83
3-L	LL	Critical low	2.16.840.1.113883.5.83
2-S	H	High	2.16.840.1.113883.5.83
3-S	H>	Significantly high	2.16.840.1.113883.5.83
4-L	HH	Critical high	2.16.840.1.113883.5.83
3-S	HU	Significantly high	2.16.840.1.113883.5.83
4-L	HH	Critical high	2.16.840.1.113883.5.83
2-S	L	Low	2.16.840.1.113883.5.83
3-S	L<	Significantly low	2.16.840.1.113883.5.83
4-L	LL	Critical low	2.16.840.1.113883.5.83

3-S	LU	Significantly low	2.16.840.1.113883.5.83
4-L	LL	Critical low	2.16.840.1.113883.5.83
1-L	N	Normal	2.16.840.1.113883.5.83
0-A	_ObservationInterpretationSusceptibility	ObservationInterpretationSusceptibility	2.16.840.1.113883.5.83
1-L	IE	Insufficient evidence	2.16.840.1.113883.5.83
1-L	I	Intermediate	2.16.840.1.113883.5.83
1-L	MS	moderately susceptible	2.16.840.1.113883.5.83
1-L	NS	Non-susceptible	2.16.840.1.113883.5.83
1-S	R	Resistant	2.16.840.1.113883.5.83
2-L	SYN-R	Synergy - resistant	2.16.840.1.113883.5.83
1-S	S	Susceptible	2.16.840.1.113883.5.83
2-L	SDD	Susceptible-dose dependent	2.16.840.1.113883.5.83
2-L	SYN-S	Synergy - susceptible	2.16.840.1.113883.5.83
1-L	VS	very susceptible	2.16.840.1.113883.5.83
0-S	EX	outside threshold	2.16.840.1.113883.5.83
1-L	HX	above high threshold	2.16.840.1.113883.5.83
1-L	LX	below low threshold	2.16.840.1.113883.5.83
0-A	ObservationInterpretationDetection	ObservationInterpretationDetection	2.16.840.1.113883.5.83
1-S	IND	Indeterminate	2.16.840.1.113883.5.83
2-L	E	Equivocal	2.16.840.1.113883.5.83
1-S	NEG	Negative	2.16.840.1.113883.5.83
2-L	ND	Not detected	2.16.840.1.113883.5.83

1-S	POS	Positive	2.16.840.1.113883.5.83
2-L	DET	Detected	2.16.840.1.113883.5.83
0-A	ObservationInterpretationExpectation	ObservationInterpretationExpectation	2.16.840.1.113883.5.83
1-L	EXP	Expected	2.16.840.1.113883.5.83
1-L	UNE	Unexpected	2.16.840.1.113883.5.83
0-A	ReactivityObservationInterpretation	ReactivityObservationInterpretation	2.16.840.1.113883.5.83
1-L	NR	Non-reactive	2.16.840.1.113883.5.83
1-S	RR	Reactive	2.16.840.1.113883.5.83
2-L	WR	Weakly reactive	2.16.840.1.113883.5.83

Legenda: Type L=leaf, S=specializable, A=abstract, D=deprecated. NullFlavors to appear in @nullFlavor attribute instead of @code.

6.1.30 ○ ObservationInterpretation 2.16.840.1.113883.1.11.78 - 2011-07-26 (DEFN=UV=VO=1099-20110726) ref (from repository: ad2bbr-)

Id	2.16.840.1.113883.1.11.78 ref ad2bbr-	Effective Date	2011-07-26 Other versions this id: <ul style="list-style-type: none"> ○ ObservationInterpretationDEFN=UV=VO=1360-20160323 - as of 2014-03-26 ref ad2bbr-
Status	○ Final	Version Label	DEFN=UV=VO=1099-20110726
Name	ObservationInterpretation	Display Name	ObservationInterpretation
Description	<p>description:</p> <p>One or more codes specifying a rough qualitative interpretation of the observation, such as "normal", "abnormal", "below normal", "change up", "resistant", "susceptible", etc.</p> <p><i>Discussion:</i> These interpretation codes are sometimes called "abnormal flags", however, the judgment of normalcy is just one of the common rough interpretations, and is often not relevant. For example, the susceptibility interpretations are not about "normalcy", and for any observation of a pathologic condition, it does not make sense to state the normalcy, since pathologic conditions are never considered "normal."</p>		

Source Code System		2.16.840.1.113883.5.83	
Level/ Type	Code	Display Name	Code System
0-A	_GeneticObservationInterpretation	GeneticObservationInterpretation	2.16.840.1.113883.5.83
1-L	Carrier	Carrier	2.16.840.1.113883.5.83
0-A	_ObservationInterpretationChange	ObservationInterpretationChange	2.16.840.1.113883.5.83
1-L	B	better	2.16.840.1.113883.5.83
1-L	D	decreased	2.16.840.1.113883.5.83
1-L	U	increased	2.16.840.1.113883.5.83
1-L	W	worse	2.16.840.1.113883.5.83
0-A	_ObservationInterpretationExceptions	ObservationInterpretationExceptions	2.16.840.1.113883.5.83
1-L	<	low off scale	2.16.840.1.113883.5.83
1-L	>	high off scale	2.16.840.1.113883.5.83
0-A	_ObservationInterpretationNormality	ObservationInterpretationNormality	2.16.840.1.113883.5.83
1-S	A	Abnormal	2.16.840.1.113883.5.83
2-S	AA	Abnormal alert	2.16.840.1.113883.5.83
3-L	HH	High alert	2.16.840.1.113883.5.83
3-L	LL	Low alert	2.16.840.1.113883.5.83
2-S	H	High	2.16.840.1.113883.5.83
3-L	HH	High alert	2.16.840.1.113883.5.83
2-S	L	Low	2.16.840.1.113883.5.83
3-L	LL	Low alert	2.16.840.1.113883.5.83
1-L	N	Normal	2.16.840.1.113883.5.83

0-A	_ObservationInterpretationSusceptibility	ObservationInterpretationSusceptibility	2.16.840.1.113883.5.83
1-L	I	intermediate	2.16.840.1.113883.5.83
1-L	MS	moderately susceptible	2.16.840.1.113883.5.83
1-L	R	resistent	2.16.840.1.113883.5.83
1-L	S	susceptible	2.16.840.1.113883.5.83
1-L	VS	very susceptible	2.16.840.1.113883.5.83
0-S	EX	outside threshold	2.16.840.1.113883.5.83
1-L	HX	above high threshold	2.16.840.1.113883.5.83
1-L	LX	below low threshold	2.16.840.1.113883.5.83
0-A	ObservationInterpretationDetection	ObservationInterpretationDetection	2.16.840.1.113883.5.83
1-L	IND	Indeterminate	2.16.840.1.113883.5.83
1-L	NEG	Negative	2.16.840.1.113883.5.83
1-L	POS	Positive	2.16.840.1.113883.5.83

Legenda: Type L=leaf, S=specializable, A=abstract, D=deprecated. NullFlavors to appear in @nullFlavor attribute instead of @code.

6.1.31 ○ ObservationMethod 2.16.840.1.113883.1.11.14079 - 2014-03-26 (DEFN=UV=VO=1360-20160323) ref (from repository: ad2bbr-)

Id	2.16.840.1.113883.1.11.14079 ref ad2bbr-	Effective Date	2014-03-26 Other versions this id:
Status	● Final	Version Label	DEFN=UV=VO=1360-20160323
Name	ObservationMethod	Display Name	ObservationMethod

- ● ObservationMethodDEFN=UV=VO=1099-20110726 - as of 2011-07-26 ref ad2bbr-

Description	<p>History description 2014-03-26: Lock all vaue sets untouched since 2014-03-26 to trackingId 2014T1_2014_03_26</p> <p>description:</p> <p>A code that provides additional detail about the means or technique used to ascertain the observation.</p> <p><i>Examples:</i> Blood pressure measurement method: arterial puncture vs. sphygmomanometer (Riva-Rocci), sitting vs. supine position, etc.</p> <p><i>Constraints:</i> In all observations the method is already partially specified by the Act.code. In this case, the methodCode NEED NOT be used at all. The methodCode MAY still be used to identify this method more clearly in addition to what is implied from the Act.code. However, an information consumer system or process SHOULD NOT depend on this methodCode information for method detail that is implied by the Act.code.</p> <p>If the methodCode is used to express method detail that is also implied by the Act.code, the methodCode MUST NOT be in conflict with the implied method of the Act.code.</p>		
	Source Code System	2.16.840.1.113883.5.84	
Level/ Type	Code	Display Name	Code System
0-L	0001	Complement fixation	2.16.840.1.113883.5.84
0-L	0002	Computed axial tomography	2.16.840.1.113883.5.84
0-L	0003	HLAR agar test	2.16.840.1.113883.5.84
0-L	0004	Macroscopic observation	2.16.840.1.113883.5.84
0-L	0005	Magnetic resonance	2.16.840.1.113883.5.84
0-L	0006	Morphometry	2.16.840.1.113883.5.84
0-L	0007	Positron emission tomography	2.16.840.1.113883.5.84
0-L	0008	SAMHSA confirmation	2.16.840.1.113883.5.84
0-L	0009	SAMHSA screening	2.16.840.1.113883.5.84
0-L	0010	Serum Neutralization	2.16.840.1.113883.5.84
0-L	0011	Titration	2.16.840.1.113883.5.84
0-L	0012	Ultrasound	2.16.840.1.113883.5.84

0-L	0013	X-ray crystallography	2.16.840.1.113883.5.84
0-L	0014	Agglutination	2.16.840.1.113883.5.84
0-L	0015	Buffered acidified plate agglutination	2.16.840.1.113883.5.84
0-L	0016	Card agglutination	2.16.840.1.113883.5.84
0-L	0017	Hemagglutination	2.16.840.1.113883.5.84
0-L	0018	Hemagglutination inhibition	2.16.840.1.113883.5.84
0-L	0019	Latex agglutination	2.16.840.1.113883.5.84
0-L	0020	Plate agglutination	2.16.840.1.113883.5.84
0-L	0021	Rapid agglutination	2.16.840.1.113883.5.84
0-L	0022	RBC agglutination	2.16.840.1.113883.5.84
0-L	0023	Rivanol agglutination	2.16.840.1.113883.5.84
0-L	0024	Tube agglutination	2.16.840.1.113883.5.84
0-L	0025	Bioassay	2.16.840.1.113883.5.84
0-L	0026	Animal Inoculation	2.16.840.1.113883.5.84
0-L	0027	Cytotoxicity	2.16.840.1.113883.5.84
0-L	0028	Embryo infective dose 50	2.16.840.1.113883.5.84
0-L	0029	Embryo lethal dose 50	2.16.840.1.113883.5.84
0-L	0030	Mouse intercerebral inoculation	2.16.840.1.113883.5.84
0-L	0031	Bioassay, qualitative	2.16.840.1.113883.5.84
0-L	0032	Bioassay, quantitative	2.16.840.1.113883.5.84
0-L	0033	Chemical method	2.16.840.1.113883.5.84
0-L	0034	Differential light absorption chemical test	2.16.840.1.113883.5.84

0-L	0035	Dipstick	2.16.840.1.113883.5.84
0-L	0036	Dipstick colorimetric laboratory test	2.16.840.1.113883.5.84
0-L	0037	Test strip	2.16.840.1.113883.5.84
0-L	0038	Chromatography	2.16.840.1.113883.5.84
0-L	0039	Affinity chromatography	2.16.840.1.113883.5.84
0-L	0040	Gas liquid chromatography	2.16.840.1.113883.5.84
0-L	0041	High performance liquid chromatography	2.16.840.1.113883.5.84
0-L	0042	Liquid Chromatography	2.16.840.1.113883.5.84
0-L	0043	Protein A affinity chromatography	2.16.840.1.113883.5.84
0-L	0044	Coagulation	2.16.840.1.113883.5.84
0-L	0045	Tilt tube coagulation time	2.16.840.1.113883.5.84
0-L	0046	Tilt tube reptilase induced coagulation	2.16.840.1.113883.5.84
0-L	0047	Automated count	2.16.840.1.113883.5.84
0-L	0048	Manual cell count	2.16.840.1.113883.5.84
0-L	0049	Platelet count, Rees-Ecker	2.16.840.1.113883.5.84
0-L	0050	Aerobic Culture	2.16.840.1.113883.5.84
0-L	0051	Anaerobic Culture	2.16.840.1.113883.5.84
0-L	0052	Chicken embryo culture	2.16.840.1.113883.5.84
0-L	0053	Delayed secondary enrichment	2.16.840.1.113883.5.84
0-L	0054	Microaerophilic Culture	2.16.840.1.113883.5.84
0-L	0055	Quantitative microbial culture, cup	2.16.840.1.113883.5.84
0-L	0056	Quantitative microbial culture, droplet	2.16.840.1.113883.5.84

0-L	0057	Quantitative microbial culture, filter paper	2.16.840.1.113883.5.84
0-L	0058	Quantitative microbial culture, pad culture	2.16.840.1.113883.5.84
0-L	0059	Quantitative microbial culture, pour plate	2.16.840.1.113883.5.84
0-L	0060	Quantitative microbial culture, surface streak	2.16.840.1.113883.5.84
0-L	0061	Somatic Cell culture	2.16.840.1.113883.5.84
0-L	0062	Agar diffusion	2.16.840.1.113883.5.84
0-L	0063	Agar Gel Immunodiffusion	2.16.840.1.113883.5.84
0-L	0064	Electrophoresis	2.16.840.1.113883.5.84
0-L	0065	Agarose gel electrophoresis	2.16.840.1.113883.5.84
0-L	0066	Electrophoresis, citrate agar	2.16.840.1.113883.5.84
0-L	0067	Immunoelectrophoresis	2.16.840.1.113883.5.84
0-L	0068	Polyacrylamide gel electrophoresis	2.16.840.1.113883.5.84
0-L	0069	Starch gel electrophoresis	2.16.840.1.113883.5.84
0-L	0070	ELISA	2.16.840.1.113883.5.84
0-L	0071	ELISA, antigen capture	2.16.840.1.113883.5.84
0-L	0072	ELISA, avidin biotin peroxidase complex	2.16.840.1.113883.5.84
0-L	0073	Kinetic ELISA	2.16.840.1.113883.5.84
0-L	0074	ELISA, peroxidase-antiperoxidase	2.16.840.1.113883.5.84
0-L	0075	API 20 Strep	2.16.840.1.113883.5.84
0-L	0076	API 20A	2.16.840.1.113883.5.84
0-L	0077	API 20C AUX	2.16.840.1.113883.5.84
0-L	0078	API 20E	2.16.840.1.113883.5.84

0-L	0079	API 20NE	2.16.840.1.113883.5.84
0-L	0080	API 50 CH	2.16.840.1.113883.5.84
0-L	0081	API An-IDENT	2.16.840.1.113883.5.84
0-L	0082	API Coryne	2.16.840.1.113883.5.84
0-L	0083	API Rapid 20E	2.16.840.1.113883.5.84
0-L	0084	API Staph	2.16.840.1.113883.5.84
0-L	0085	API ZYM	2.16.840.1.113883.5.84
0-L	0086	Bacterial identification	2.16.840.1.113883.5.84
0-L	0087	mini VIDAS	2.16.840.1.113883.5.84
0-L	0088	Phage susceptibility typing	2.16.840.1.113883.5.84
0-L	0089	Quad-FERM+	2.16.840.1.113883.5.84
0-L	0090	RAPIDEC Staph	2.16.840.1.113883.5.84
0-L	0091	Staphaurex	2.16.840.1.113883.5.84
0-L	0092	VIDAS	2.16.840.1.113883.5.84
0-L	0093	Vitek	2.16.840.1.113883.5.84
0-L	0094	VITEK 2	2.16.840.1.113883.5.84
0-L	0095	Immune stain	2.16.840.1.113883.5.84
0-L	0096	Immunofluorescent antibody, direct	2.16.840.1.113883.5.84
0-L	0097	Immunofluorescent antibody, indirect	2.16.840.1.113883.5.84
0-L	0098	Immunoperoxidase, Avidin-Biotin Complex	2.16.840.1.113883.5.84
0-L	0099	Immunoperoxidase, Peroxidase anti-peroxidase complex	2.16.840.1.113883.5.84
0-L	0100	Immunoperoxidase, Protein A-peroxidase complex	2.16.840.1.113883.5.84

0-L	0101	Immunoassay	2.16.840.1.113883.5.84
0-L	0102	Immunoassay, qualitative, multiple step	2.16.840.1.113883.5.84
0-L	0103	Immunoassay, qualitative, single step	2.16.840.1.113883.5.84
0-L	0104	Radioimmunoassay	2.16.840.1.113883.5.84
0-L	0105	Immunoassay, semi-quantitative, multiple step	2.16.840.1.113883.5.84
0-L	0106	Immunoassay, semi-quantitative, single step	2.16.840.1.113883.5.84
0-L	0107	Microscopy	2.16.840.1.113883.5.84
0-L	0108	Darkfield microscopy	2.16.840.1.113883.5.84
0-L	0109	Electron microscopy	2.16.840.1.113883.5.84
0-L	0110	Electron microscopy tomography	2.16.840.1.113883.5.84
0-L	0111	Electron microscopy, negative stain	2.16.840.1.113883.5.84
0-L	0112	Electron microscopy, thick section	2.16.840.1.113883.5.84
0-L	0113	Electron microscopy, thin section	2.16.840.1.113883.5.84
0-L	0114	Microscopy, Light	2.16.840.1.113883.5.84
0-L	0115	Polarizing light microscopy	2.16.840.1.113883.5.84
0-L	0116	Scanning electron microscopy	2.16.840.1.113883.5.84
0-L	0117	Transmission electron microscopy	2.16.840.1.113883.5.84
0-L	0118	Transparent tape direct examination	2.16.840.1.113883.5.84
0-L	0119	3 Self-Sustaining Sequence Replication	2.16.840.1.113883.5.84
0-L	0120	Branched Chain DNA	2.16.840.1.113883.5.84
0-L	0121	Hybridization Protection Assay	2.16.840.1.113883.5.84
0-L	0122	Immune blot	2.16.840.1.113883.5.84

0-L	0123	In-situ hybridization	2.16.840.1.113883.5.84
0-L	0124	Ligase Chain Reaction	2.16.840.1.113883.5.84
0-L	0125	Ligation Activated Transcription	2.16.840.1.113883.5.84
0-L	0126	Nucleic Acid Probe	2.16.840.1.113883.5.84
0-L	0128	Nucleic acid probe with amplification	2.16.840.1.113883.5.84
0-L	0129	Nucleic acid probe with target amplification	2.16.840.1.113883.5.84
0-L	0130	Nucleic acid reverse transcription	2.16.840.1.113883.5.84
0-L	0131	Nucleic Acid Sequence Based Analysis	2.16.840.1.113883.5.84
0-L	0132	Polymerase chain reaction	2.16.840.1.113883.5.84
0-L	0133	Q-Beta Replicase or probe amplification category method	2.16.840.1.113883.5.84
0-L	0134	Restriction Fragment Length Polymorphism	2.16.840.1.113883.5.84
0-L	0135	Southern Blot	2.16.840.1.113883.5.84
0-L	0136	Strand Displacement Amplification	2.16.840.1.113883.5.84
0-L	0137	Transcription Mediated Amplification	2.16.840.1.113883.5.84
0-L	0138	Western Blot	2.16.840.1.113883.5.84
0-L	0139	Flocculation	2.16.840.1.113883.5.84
0-L	0140	Immune precipitation	2.16.840.1.113883.5.84
0-L	0141	Milk ring test	2.16.840.1.113883.5.84
0-L	0142	Precipitin	2.16.840.1.113883.5.84
0-L	0143	Acid fast stain	2.16.840.1.113883.5.84
0-L	0144	Acid fast stain, fluorochrome	2.16.840.1.113883.5.84
0-L	0145	Acid fast stain, Kinyoun's cold carbofuchsin	2.16.840.1.113883.5.84

0-L	0146	Acid fast stain, Ziehl-Neelsen	2.16.840.1.113883.5.84
0-L	0147	Acid phosphatase stain	2.16.840.1.113883.5.84
0-L	0148	Acridine orange stain	2.16.840.1.113883.5.84
0-L	0149	Active brilliant orange KH stain	2.16.840.1.113883.5.84
0-L	0150	Alazarin red S stain	2.16.840.1.113883.5.84
0-L	0151	Alcian blue stain	2.16.840.1.113883.5.84
0-L	0152	Alcian blue with Periodic acid Schiff stain	2.16.840.1.113883.5.84
0-L	0153	Argentaffin stain	2.16.840.1.113883.5.84
0-L	0154	Argentaffin silver stain	2.16.840.1.113883.5.84
0-L	0155	Azure-eosin stain	2.16.840.1.113883.5.84
0-L	0156	Basic Fuschin stain	2.16.840.1.113883.5.84
0-L	0157	Bennhold stain	2.16.840.1.113883.5.84
0-L	0158	Bennhold's Congo red stain	2.16.840.1.113883.5.84
0-L	0159	Bielschowsky stain	2.16.840.1.113883.5.84
0-L	0160	Bielschowsky's silver stain	2.16.840.1.113883.5.84
0-L	0161	Bleach stain	2.16.840.1.113883.5.84
0-L	0162	Bodian stain	2.16.840.1.113883.5.84
0-L	0163	Brown-Brenn stain	2.16.840.1.113883.5.84
0-L	0164	Butyrate-esterase stain	2.16.840.1.113883.5.84
0-L	0165	Calcofluor white fluorescent stain	2.16.840.1.113883.5.84
0-L	0166	Carbol-fuchsin stain	2.16.840.1.113883.5.84
0-L	0167	Carmine stain	2.16.840.1.113883.5.84

0-L	0168	Churukian-Schenk stain	2.16.840.1.113883.5.84
0-L	0169	Congo red stain	2.16.840.1.113883.5.84
0-L	0170	Cresyl echt violet stain	2.16.840.1.113883.5.84
0-L	0171	Crystal violet stain	2.16.840.1.113883.5.84
0-L	0172	De Galantha stain	2.16.840.1.113883.5.84
0-L	0173	Dieterle silver impregnation stain	2.16.840.1.113883.5.84
0-L	0174	Fite-Farco stain	2.16.840.1.113883.5.84
0-L	0175	Fontana-Masson silver stain	2.16.840.1.113883.5.84
0-L	0176	Fouchet stain	2.16.840.1.113883.5.84
0-L	0177	Gomori stain	2.16.840.1.113883.5.84
0-L	0178	Gomori methenamine silver stain	2.16.840.1.113883.5.84
0-L	0179	Gomori-Wheatly trichrome stain	2.16.840.1.113883.5.84
0-L	0180	Gridley stain	2.16.840.1.113883.5.84
0-L	0181	Grimelius silver stain	2.16.840.1.113883.5.84
0-L	0182	Grocott stain	2.16.840.1.113883.5.84
0-L	0183	Grocott methenamine silver stain	2.16.840.1.113883.5.84
0-L	0184	Hale's colloidal ferric oxide stain	2.16.840.1.113883.5.84
0-L	0185	Hale's colloidal iron stain	2.16.840.1.113883.5.84
0-L	0186	Hansel stain	2.16.840.1.113883.5.84
0-L	0187	Harris regressive hematoxylin and eosin stain	2.16.840.1.113883.5.84
0-L	0188	Hematoxylin and eosin stain	2.16.840.1.113883.5.84
0-L	0189	Highman stain	2.16.840.1.113883.5.84

0-L	0190	Holzer stain	2.16.840.1.113883.5.84
0-L	0191	Iron hematoxylin stain	2.16.840.1.113883.5.84
0-L	0192	Jones stain	2.16.840.1.113883.5.84
0-L	0193	Jones methenamine silver stain	2.16.840.1.113883.5.84
0-L	0194	Kossa stain	2.16.840.1.113883.5.84
0-L	0195	Lawson-Van Gieson stain	2.16.840.1.113883.5.84
0-L	0196	Loeffler methylene blue stain	2.16.840.1.113883.5.84
0-L	0197	Luxol fast blue with cresyl violet stain	2.16.840.1.113883.5.84
0-L	0198	Luxol fast blue with Periodic acid-Schiff stain	2.16.840.1.113883.5.84
0-L	0199	MacNeal's tetrachrome blood stain	2.16.840.1.113883.5.84
0-L	0200	Mallory-Heidenhain stain	2.16.840.1.113883.5.84
0-L	0201	Masson trichrome stain	2.16.840.1.113883.5.84
0-L	0202	Mayer mucicarmine stain	2.16.840.1.113883.5.84
0-L	0203	Mayers progressive hematoxylin and eosin stain	2.16.840.1.113883.5.84
0-L	0204	May-Grunwald Giemsa stain	2.16.840.1.113883.5.84
0-L	0205	Methyl green stain	2.16.840.1.113883.5.84
0-L	0206	Methyl green pyronin stain	2.16.840.1.113883.5.84
0-L	0207	Modified Gomori-Wheatly trichrome stain	2.16.840.1.113883.5.84
0-L	0208	Modified Masson trichrome stain	2.16.840.1.113883.5.84
0-L	0209	Modified trichrome stain	2.16.840.1.113883.5.84
0-L	0210	Movat pentachrome stain	2.16.840.1.113883.5.84
0-L	0211	Mucicarmine stain	2.16.840.1.113883.5.84

0-L	0212	Neutral red stain	2.16.840.1.113883.5.84
0-L	0213	Night blue stain	2.16.840.1.113883.5.84
0-L	0214	Non-specific esterase stain	2.16.840.1.113883.5.84
0-L	0215	Oil red-O stain	2.16.840.1.113883.5.84
0-L	0216	Orcein stain	2.16.840.1.113883.5.84
0-L	0217	Perls' stain	2.16.840.1.113883.5.84
0-L	0218	Phosphotungstic acid-hematoxylin stain	2.16.840.1.113883.5.84
0-L	0219	Potassium ferrocyanide stain	2.16.840.1.113883.5.84
0-L	0220	Prussian blue stain	2.16.840.1.113883.5.84
0-L	0221	Putchler modified Bennhold stain	2.16.840.1.113883.5.84
0-L	0222	Quinacrine fluorescent stain	2.16.840.1.113883.5.84
0-L	0223	Reticulin stain	2.16.840.1.113883.5.84
0-L	0224	Rhodamine stain	2.16.840.1.113883.5.84
0-L	0225	Safranin stain	2.16.840.1.113883.5.84
0-L	0226	Schmorl stain	2.16.840.1.113883.5.84
0-L	0227	Seiver-Munger stain	2.16.840.1.113883.5.84
0-L	0228	Silver stain	2.16.840.1.113883.5.84
0-L	0229	Specific esterase stain	2.16.840.1.113883.5.84
0-L	0230	Steiner silver stain	2.16.840.1.113883.5.84
0-L	0231	Sudan III stain	2.16.840.1.113883.5.84
0-L	0232	Sudan IVI stain	2.16.840.1.113883.5.84
0-L	0233	Sulfated alcian blue stain	2.16.840.1.113883.5.84

0-L	0234	Supravital stain	2.16.840.1.113883.5.84
0-L	0235	Thioflavine-S stain	2.16.840.1.113883.5.84
0-L	0236	Three micron Giemsa stain	2.16.840.1.113883.5.84
0-L	0237	Vassar-Culling stain	2.16.840.1.113883.5.84
0-L	0238	Vital Stain	2.16.840.1.113883.5.84
0-L	0239	von Kossa stain	2.16.840.1.113883.5.84
0-L	0240	Antibiotic sensitivity, disk	2.16.840.1.113883.5.84
0-L	0241	BACTEC susceptibility test	2.16.840.1.113883.5.84
0-L	0242	Disk dilution	2.16.840.1.113883.5.84
0-L	0243	Minimum bactericidal concentration test, macrodilution	2.16.840.1.113883.5.84
0-L	0244	Minimum bactericidal concentration test, microdilution	2.16.840.1.113883.5.84
0-L	0245	Minimum Inhibitory Concentration, macrodilution	2.16.840.1.113883.5.84
0-L	0246	Minimum Inhibitory Concentration, microdilution	2.16.840.1.113883.5.84
0-L	0247	Turbidometric	2.16.840.1.113883.5.84
0-L	0248	Refractometric	2.16.840.1.113883.5.84
0-L	0249	Thin layer chromatography (TLC)	2.16.840.1.113883.5.84
0-L	0250	EMIT	2.16.840.1.113883.5.84
0-L	0251	Flow cytometry (FC)	2.16.840.1.113883.5.84
0-L	0252	Radial immunodiffusion (RID)	2.16.840.1.113883.5.84
0-L	0253	Fluorescence polarization immunoassay (FPIA)	2.16.840.1.113883.5.84
0-L	0254	Immunofixation electrophoresis (IFE)	2.16.840.1.113883.5.84
0-L	0255	Equilibrium dialysis	2.16.840.1.113883.5.84

0-L	0256	Kleihauer-Betke acid elution	2.16.840.1.113883.5.84
0-L	0257	Anti-complement immunofluorescence (ACIF)	2.16.840.1.113883.5.84
0-L	0258	GC/MS	2.16.840.1.113883.5.84
0-L	0259	Nephelometry	2.16.840.1.113883.5.84
0-L	0260	IgE immunoassay antibody	2.16.840.1.113883.5.84
0-L	0261	Lymphocyte Microcytotoxicity Assay	2.16.840.1.113883.5.84
0-L	0262	Spectrophotometry	2.16.840.1.113883.5.84
0-L	0263	Atomic absorption spectrophotometry (AAS)	2.16.840.1.113883.5.84
0-L	0264	Ion selective electrode (ISE)	2.16.840.1.113883.5.84
0-L	0265	Gas chromatography (GC)	2.16.840.1.113883.5.84
0-L	0266	Isoelectric focusing (IEF)	2.16.840.1.113883.5.84
0-L	0267	Immunochemiluminescence	2.16.840.1.113883.5.84
0-L	0268	Microparticle enzyme immunoassay (MEIA)	2.16.840.1.113883.5.84
0-L	0269	ICP/MS	2.16.840.1.113883.5.84
0-L	0270	Immunoradiometric assay (IRMA)	2.16.840.1.113883.5.84
0-L	0271	Photo optical clot detection	2.16.840.1.113883.5.84
1-S	ALGM	algorithm	2.16.840.1.113883.5.84
2-L	BYCL	bayesian calculation	2.16.840.1.113883.5.84
1-L	GINT	global introspection	2.16.840.1.113883.5.84
0-S	ALGM	algorithm	2.16.840.1.113883.5.84
0-L	BYCL	bayesian calculation	2.16.840.1.113883.5.84
0-L	GINT	global introspection	2.16.840.1.113883.5.84

0-S	0272	Minimum Inhibitory Concentration	2.16.840.1.113883.5.84
1-L	0245	Minimum Inhibitory Concentration, macrodilution	2.16.840.1.113883.5.84
1-L	0246	Minimum Inhibitory Concentration, microdilution	2.16.840.1.113883.5.84
0-L	0275a	Minimum Lethal Concentration (MLC)	2.16.840.1.113883.5.84
0-S	0280	Susceptibility Testing	2.16.840.1.113883.5.84
1-L	0240	Antibiotic sensitivity, disk	2.16.840.1.113883.5.84
1-L	0241	BACTEC susceptibility test	2.16.840.1.113883.5.84
1-L	0242	Disk dilution	2.16.840.1.113883.5.84
1-S	0272	Minimum Inhibitory Concentration	2.16.840.1.113883.5.84
1-L	0273	Viral Genotype Susceptibility	2.16.840.1.113883.5.84
1-L	0274	Viral Phenotype Susceptibility	2.16.840.1.113883.5.84
1-L	0275	Gradient Strip	2.16.840.1.113883.5.84
1-L	0275a	Minimum Lethal Concentration (MLC)	2.16.840.1.113883.5.84
1-L	0276	Slow Mycobacteria Susceptibility	2.16.840.1.113883.5.84
1-L	0277	Serum bactericidal titer	2.16.840.1.113883.5.84
1-L	0278	Agar screen	2.16.840.1.113883.5.84
1-L	0279	Disk induction	2.16.840.1.113883.5.84
0-A	_VerificationMethod	VerificationMethod	2.16.840.1.113883.5.84
1-L	VDOC	document verification	2.16.840.1.113883.5.84
1-L	VREG	registry verification	2.16.840.1.113883.5.84
1-L	VTOKEN	electronic token verification	2.16.840.1.113883.5.84
1-L	VVOICE	voice-based verification	2.16.840.1.113883.5.84

0-A	_GeneticObservationMethod	GeneticObservationMethod	2.16.840.1.113883.5.84
1-L	PCR	PCR	2.16.840.1.113883.5.84

Legenda: Type L=leaf, S=specializable, A=abstract, D=deprecated. NullFlavors to appear in @nullFlavor attribute instead of @code.

6.1.32 ○ ObservationMethod 2.16.840.1.113883.1.11.14079 - 2011-07-26 (DEFN=UV=VO=1099-20110726) ref (from repository: ad2bbr-)

Id	2.16.840.1.113883.1.11.14079 ref ad2bbr-	Effective Date	2011-07-26 Other versions this id: <ul style="list-style-type: none"> ● ObservationMethodDEFN=UV=VO=1360-20160323 - as of 2014-03-26 ref ad2bbr-
Status	● Final	Version Label	DEFN=UV=VO=1099-20110726
Name	ObservationMethod	Display Name	ObservationMethod
Description	<p>description:</p> <p>A code that provides additional detail about the means or technique used to ascertain the observation.</p> <p><i>Examples:</i> Blood pressure measurement method: arterial puncture vs. sphygmomanometer (Riva-Rocci), sitting vs. supine position, etc.</p> <p><i>Constraints:</i> In all observations the method is already partially specified by the Act.code. In this case, the methodCode NEED NOT be used at all. The methodCode MAY still be used to identify this method more clearly in addition to what is implied from the Act.code. However, an information consumer system or process SHOULD NOT depend on this methodCode information for method detail that is implied by the Act.code.</p> <p>If the methodCode is used to express method detail that is also implied by the Act.code, the methodCode MUST NOT be in conflict with the implied method of the Act.code.</p>		
Source Code System	2.16.840.1.113883.5.84		
Level/ Type	Code	Display Name	Code System
0-L	0001	Complement fixation	2.16.840.1.113883.5.84
0-L	0002	Computed axial tomography	2.16.840.1.113883.5.84
0-L	0003	HLAR agar test	2.16.840.1.113883.5.84

0-L	0004	Macroscopic observation	2.16.840.1.113883.5.84
0-L	0005	Magnetic resonance	2.16.840.1.113883.5.84
0-L	0006	Morphometry	2.16.840.1.113883.5.84
0-L	0007	Positron emission tomography	2.16.840.1.113883.5.84
0-L	0008	SAMHSA confirmation	2.16.840.1.113883.5.84
0-L	0009	SAMHSA screening	2.16.840.1.113883.5.84
0-L	0010	Serum Neutralization	2.16.840.1.113883.5.84
0-L	0011	Titration	2.16.840.1.113883.5.84
0-L	0012	Ultrasound	2.16.840.1.113883.5.84
0-L	0013	X-ray crystallography	2.16.840.1.113883.5.84
0-L	0014	Agglutination	2.16.840.1.113883.5.84
0-L	0015	Buffered acidified plate agglutination	2.16.840.1.113883.5.84
0-L	0016	Card agglutination	2.16.840.1.113883.5.84
0-L	0017	Hemagglutination	2.16.840.1.113883.5.84
0-L	0018	Hemagglutination inhibition	2.16.840.1.113883.5.84
0-L	0019	Latex agglutination	2.16.840.1.113883.5.84
0-L	0020	Plate agglutination	2.16.840.1.113883.5.84
0-L	0021	Rapid agglutination	2.16.840.1.113883.5.84
0-L	0022	RBC agglutination	2.16.840.1.113883.5.84
0-L	0023	Rivanol agglutination	2.16.840.1.113883.5.84
0-L	0024	Tube agglutination	2.16.840.1.113883.5.84
0-L	0025	Bioassay	2.16.840.1.113883.5.84

0-L	0026	Animal Inoculation	2.16.840.1.113883.5.84
0-L	0027	Cytotoxicity	2.16.840.1.113883.5.84
0-L	0028	Embryo infective dose 50	2.16.840.1.113883.5.84
0-L	0029	Embryo lethal dose 50	2.16.840.1.113883.5.84
0-L	0030	Mouse intercerebral inoculation	2.16.840.1.113883.5.84
0-L	0031	Bioassay, qualitative	2.16.840.1.113883.5.84
0-L	0032	Bioassay, quantitative	2.16.840.1.113883.5.84
0-L	0033	Chemical method	2.16.840.1.113883.5.84
0-L	0034	Differential light absorption chemical test	2.16.840.1.113883.5.84
0-L	0035	Dipstick	2.16.840.1.113883.5.84
0-L	0036	Dipstick colorimetric laboratory test	2.16.840.1.113883.5.84
0-L	0037	Test strip	2.16.840.1.113883.5.84
0-L	0038	Chromatography	2.16.840.1.113883.5.84
0-L	0039	Affinity chromatography	2.16.840.1.113883.5.84
0-L	0040	Gas liquid chromatography	2.16.840.1.113883.5.84
0-L	0041	High performance liquid chromatography	2.16.840.1.113883.5.84
0-L	0042	Liquid Chromatography	2.16.840.1.113883.5.84
0-L	0043	Protein A affinity chromatography	2.16.840.1.113883.5.84
0-L	0044	Coagulation	2.16.840.1.113883.5.84
0-L	0045	Tilt tube coagulation time	2.16.840.1.113883.5.84
0-L	0046	Tilt tube reptilase induced coagulation	2.16.840.1.113883.5.84
0-L	0047	Automated count	2.16.840.1.113883.5.84

0-L	0048	Manual cell count	2.16.840.1.113883.5.84
0-L	0049	Platelet count, Rees-Ecker	2.16.840.1.113883.5.84
0-L	0050	Aerobic Culture	2.16.840.1.113883.5.84
0-L	0051	Anaerobic Culture	2.16.840.1.113883.5.84
0-L	0052	Chicken embryo culture	2.16.840.1.113883.5.84
0-L	0053	Delayed secondary enrichment	2.16.840.1.113883.5.84
0-L	0054	Microaerophilic Culture	2.16.840.1.113883.5.84
0-L	0055	Quantitative microbial culture, cup	2.16.840.1.113883.5.84
0-L	0056	Quantitative microbial culture, droplet	2.16.840.1.113883.5.84
0-L	0057	Quantitative microbial culture, filter paper	2.16.840.1.113883.5.84
0-L	0058	Quantitative microbial culture, pad culture	2.16.840.1.113883.5.84
0-L	0059	Quantitative microbial culture, pour plate	2.16.840.1.113883.5.84
0-L	0060	Quantitative microbial culture, surface streak	2.16.840.1.113883.5.84
0-L	0061	Somatic Cell culture	2.16.840.1.113883.5.84
0-L	0062	Agar diffusion	2.16.840.1.113883.5.84
0-L	0063	Agar Gel Immunodiffusion	2.16.840.1.113883.5.84
0-L	0064	Electrophoresis	2.16.840.1.113883.5.84
0-L	0065	Agarose gel electrophoresis	2.16.840.1.113883.5.84
0-L	0066	Electrophoresis, citrate agar	2.16.840.1.113883.5.84
0-L	0067	Immunoelectrophoresis	2.16.840.1.113883.5.84
0-L	0068	Polyacrylamide gel electrophoresis	2.16.840.1.113883.5.84
0-L	0069	Starch gel electrophoresis	2.16.840.1.113883.5.84

0-L	0070	ELISA	2.16.840.1.113883.5.84
0-L	0071	ELISA, antigen capture	2.16.840.1.113883.5.84
0-L	0072	ELISA, avidin biotin peroxidase complex	2.16.840.1.113883.5.84
0-L	0073	Kinetic ELISA	2.16.840.1.113883.5.84
0-L	0074	ELISA, peroxidase-antiperoxidase	2.16.840.1.113883.5.84
0-L	0075	API 20 Strep	2.16.840.1.113883.5.84
0-L	0076	API 20A	2.16.840.1.113883.5.84
0-L	0077	API 20C AUX	2.16.840.1.113883.5.84
0-L	0078	API 20E	2.16.840.1.113883.5.84
0-L	0079	API 20NE	2.16.840.1.113883.5.84
0-L	0080	API 50 CH	2.16.840.1.113883.5.84
0-L	0081	API An-IDENT	2.16.840.1.113883.5.84
0-L	0082	API Coryne	2.16.840.1.113883.5.84
0-L	0083	API Rapid 20E	2.16.840.1.113883.5.84
0-L	0084	API Staph	2.16.840.1.113883.5.84
0-L	0085	API ZYM	2.16.840.1.113883.5.84
0-L	0086	Bacterial identification	2.16.840.1.113883.5.84
0-L	0087	mini VIDAS	2.16.840.1.113883.5.84
0-L	0088	Phage susceptibility typing	2.16.840.1.113883.5.84
0-L	0089	Quad-FERM+	2.16.840.1.113883.5.84
0-L	0090	RAPIDEC Staph	2.16.840.1.113883.5.84
0-L	0091	Staphaurex	2.16.840.1.113883.5.84

0-L	0092	VIDAS	2.16.840.1.113883.5.84
0-L	0093	Vitek	2.16.840.1.113883.5.84
0-L	0094	VITEK 2	2.16.840.1.113883.5.84
0-L	0095	Immune stain	2.16.840.1.113883.5.84
0-L	0096	Immunofluorescent antibody, direct	2.16.840.1.113883.5.84
0-L	0097	Immunofluorescent antibody, indirect	2.16.840.1.113883.5.84
0-L	0098	Immunoperoxidase, Avidin-Biotin Complex	2.16.840.1.113883.5.84
0-L	0099	Immunoperoxidase, Peroxidase anti-peroxidase complex	2.16.840.1.113883.5.84
0-L	0100	Immunoperoxidase, Protein A-peroxidase complex	2.16.840.1.113883.5.84
0-L	0101	Immunoassay	2.16.840.1.113883.5.84
0-L	0102	Immunoassay, qualitative, multiple step	2.16.840.1.113883.5.84
0-L	0103	Immunoassay, qualitative, single step	2.16.840.1.113883.5.84
0-L	0104	Radioimmunoassay	2.16.840.1.113883.5.84
0-L	0105	Immunoassay, semi-quantitative, multiple step	2.16.840.1.113883.5.84
0-L	0106	Immunoassay, semi-quantitative, single step	2.16.840.1.113883.5.84
0-L	0107	Microscopy	2.16.840.1.113883.5.84
0-L	0108	Darkfield microscopy	2.16.840.1.113883.5.84
0-L	0109	Electron microscopy	2.16.840.1.113883.5.84
0-L	0110	Electron microscopy tomography	2.16.840.1.113883.5.84
0-L	0111	Electron microscopy, negative stain	2.16.840.1.113883.5.84
0-L	0112	Electron microscopy, thick section	2.16.840.1.113883.5.84
0-L	0113	Electron microscopy, thin section	2.16.840.1.113883.5.84

0-L	0114	Microscopy, Light	2.16.840.1.113883.5.84
0-L	0115	Polarizing light microscopy	2.16.840.1.113883.5.84
0-L	0116	Scanning electron microscopy	2.16.840.1.113883.5.84
0-L	0117	Transmission electron microscopy	2.16.840.1.113883.5.84
0-L	0118	Transparent tape direct examination	2.16.840.1.113883.5.84
0-L	0119	3 Self-Sustaining Sequence Replication	2.16.840.1.113883.5.84
0-L	0120	Branched Chain DNA	2.16.840.1.113883.5.84
0-L	0121	Hybridization Protection Assay	2.16.840.1.113883.5.84
0-L	0122	Immune blot	2.16.840.1.113883.5.84
0-L	0123	In-situ hybridization	2.16.840.1.113883.5.84
0-L	0124	Ligase Chain Reaction	2.16.840.1.113883.5.84
0-L	0125	Ligation Activated Transcription	2.16.840.1.113883.5.84
0-L	0126	Nucleic Acid Probe	2.16.840.1.113883.5.84
0-L	0127	Nucleic acid probe	2.16.840.1.113883.5.84
0-L	0128	Nucleic acid probe with amplification	2.16.840.1.113883.5.84
0-L	0129	Nucleic acid probe with target amplification	2.16.840.1.113883.5.84
0-L	0130	Nucleic acid reverse transcription	2.16.840.1.113883.5.84
0-L	0131	Nucleic Acid Sequence Based Analysis	2.16.840.1.113883.5.84
0-L	0132	Polymerase chain reaction	2.16.840.1.113883.5.84
0-L	0133	Q-Beta Replicase or probe amplification category method	2.16.840.1.113883.5.84
0-L	0134	Restriction Fragment Length Polymorphism	2.16.840.1.113883.5.84
0-L	0135	Southern Blot	2.16.840.1.113883.5.84

0-L	0136	Strand Displacement Amplification	2.16.840.1.113883.5.84
0-L	0137	Transcription Mediated Amplification	2.16.840.1.113883.5.84
0-L	0138	Western Blot	2.16.840.1.113883.5.84
0-L	0139	Flocculation	2.16.840.1.113883.5.84
0-L	0140	Immune precipitation	2.16.840.1.113883.5.84
0-L	0141	Milk ring test	2.16.840.1.113883.5.84
0-L	0142	Precipitin	2.16.840.1.113883.5.84
0-L	0143	Acid fast stain	2.16.840.1.113883.5.84
0-L	0144	Acid fast stain, fluorochrome	2.16.840.1.113883.5.84
0-L	0145	Acid fast stain, Kinyoun's cold carbofuchsin	2.16.840.1.113883.5.84
0-L	0146	Acid fast stain, Ziehl-Neelsen	2.16.840.1.113883.5.84
0-L	0147	Acid phosphatase stain	2.16.840.1.113883.5.84
0-L	0148	Acridine orange stain	2.16.840.1.113883.5.84
0-L	0149	Active brilliant orange KH stain	2.16.840.1.113883.5.84
0-L	0150	Alazarin red S stain	2.16.840.1.113883.5.84
0-L	0151	Alcian blue stain	2.16.840.1.113883.5.84
0-L	0152	Alcian blue with Periodic acid Schiff stain	2.16.840.1.113883.5.84
0-L	0153	Argentaffin stain	2.16.840.1.113883.5.84
0-L	0154	Argentaffin silver stain	2.16.840.1.113883.5.84
0-L	0155	Azure-eosin stain	2.16.840.1.113883.5.84
0-L	0156	Basic Fuschin stain	2.16.840.1.113883.5.84
0-L	0157	Bennhold stain	2.16.840.1.113883.5.84

0-L	0158	Bennhold's Congo red stain	2.16.840.1.113883.5.84
0-L	0159	Bielschowsky stain	2.16.840.1.113883.5.84
0-L	0160	Bielschowsky's silver stain	2.16.840.1.113883.5.84
0-L	0161	Bleach stain	2.16.840.1.113883.5.84
0-L	0162	Bodian stain	2.16.840.1.113883.5.84
0-L	0163	Brown-Brenn stain	2.16.840.1.113883.5.84
0-L	0164	Butyrate-esterase stain	2.16.840.1.113883.5.84
0-L	0165	Calcofluor white fluorescent stain	2.16.840.1.113883.5.84
0-L	0166	Carbol-fuchsin stain	2.16.840.1.113883.5.84
0-L	0167	Carmine stain	2.16.840.1.113883.5.84
0-L	0168	Churukian-Schenk stain	2.16.840.1.113883.5.84
0-L	0169	Congo red stain	2.16.840.1.113883.5.84
0-L	0170	Cresyl echt violet stain	2.16.840.1.113883.5.84
0-L	0171	Crystal violet stain	2.16.840.1.113883.5.84
0-L	0172	De Galantha stain	2.16.840.1.113883.5.84
0-L	0173	Dieterle silver impregnation stain	2.16.840.1.113883.5.84
0-L	0174	Fite-Farco stain	2.16.840.1.113883.5.84
0-L	0175	Fontana-Masson silver stain	2.16.840.1.113883.5.84
0-L	0176	Fouchet stain	2.16.840.1.113883.5.84
0-L	0177	Gomori stain	2.16.840.1.113883.5.84
0-L	0178	Gomori methenamine silver stain	2.16.840.1.113883.5.84
0-L	0179	Gomori-Wheatly trichrome stain	2.16.840.1.113883.5.84

0-L	0180	Gridley stain	2.16.840.1.113883.5.84
0-L	0181	Grimelius silver stain	2.16.840.1.113883.5.84
0-L	0182	Grocott stain	2.16.840.1.113883.5.84
0-L	0183	Grocott methenamine silver stain	2.16.840.1.113883.5.84
0-L	0184	Hale's colloidal ferric oxide stain	2.16.840.1.113883.5.84
0-L	0185	Hale's colloidal iron stain	2.16.840.1.113883.5.84
0-L	0186	Hansel stain	2.16.840.1.113883.5.84
0-L	0187	Harris regressive hematoxylin and eosin stain	2.16.840.1.113883.5.84
0-L	0188	Hematoxylin and eosin stain	2.16.840.1.113883.5.84
0-L	0189	Highman stain	2.16.840.1.113883.5.84
0-L	0190	Holzer stain	2.16.840.1.113883.5.84
0-L	0191	Iron hematoxylin stain	2.16.840.1.113883.5.84
0-L	0192	Jones stain	2.16.840.1.113883.5.84
0-L	0193	Jones methenamine silver stain	2.16.840.1.113883.5.84
0-L	0194	Kossa stain	2.16.840.1.113883.5.84
0-L	0195	Lawson-Van Gieson stain	2.16.840.1.113883.5.84
0-L	0196	Loeffler methylene blue stain	2.16.840.1.113883.5.84
0-L	0197	Luxol fast blue with cresyl violet stain	2.16.840.1.113883.5.84
0-L	0198	Luxol fast blue with Periodic acid-Schiff stain	2.16.840.1.113883.5.84
0-L	0199	MacNeal's tetrachrome blood stain	2.16.840.1.113883.5.84
0-L	0200	Mallory-Heidenhain stain	2.16.840.1.113883.5.84
0-L	0201	Masson trichrome stain	2.16.840.1.113883.5.84

0-L	0202	Mayer mucicarmine stain	2.16.840.1.113883.5.84
0-L	0203	Mayers progressive hematoxylin and eosin stain	2.16.840.1.113883.5.84
0-L	0204	May-Grunwald Giemsa stain	2.16.840.1.113883.5.84
0-L	0205	Methyl green stain	2.16.840.1.113883.5.84
0-L	0206	Methyl green pyronin stain	2.16.840.1.113883.5.84
0-L	0207	Modified Gomori-Wheatly trichrome stain	2.16.840.1.113883.5.84
0-L	0208	Modified Masson trichrome stain	2.16.840.1.113883.5.84
0-L	0209	Modified trichrome stain	2.16.840.1.113883.5.84
0-L	0210	Movat pentachrome stain	2.16.840.1.113883.5.84
0-L	0211	Mucicarmine stain	2.16.840.1.113883.5.84
0-L	0212	Neutral red stain	2.16.840.1.113883.5.84
0-L	0213	Night blue stain	2.16.840.1.113883.5.84
0-L	0214	Non-specific esterase stain	2.16.840.1.113883.5.84
0-L	0215	Oil red-O stain	2.16.840.1.113883.5.84
0-L	0216	Orcein stain	2.16.840.1.113883.5.84
0-L	0217	Perls' stain	2.16.840.1.113883.5.84
0-L	0218	Phosphotungstic acid-hematoxylin stain	2.16.840.1.113883.5.84
0-L	0219	Potassium ferrocyanide stain	2.16.840.1.113883.5.84
0-L	0220	Prussian blue stain	2.16.840.1.113883.5.84
0-L	0221	Putchler modified Bennhold stain	2.16.840.1.113883.5.84
0-L	0222	Quinacrine fluorescent stain	2.16.840.1.113883.5.84
0-L	0223	Reticulin stain	2.16.840.1.113883.5.84

0-L	0224	Rhodamine stain	2.16.840.1.113883.5.84
0-L	0225	Safranin stain	2.16.840.1.113883.5.84
0-L	0226	Schmorl stain	2.16.840.1.113883.5.84
0-L	0227	Seiver-Munger stain	2.16.840.1.113883.5.84
0-L	0228	Silver stain	2.16.840.1.113883.5.84
0-L	0229	Specific esterase stain	2.16.840.1.113883.5.84
0-L	0230	Steiner silver stain	2.16.840.1.113883.5.84
0-L	0231	Sudan III stain	2.16.840.1.113883.5.84
0-L	0232	Sudan IVI stain	2.16.840.1.113883.5.84
0-L	0233	Sulfated alcian blue stain	2.16.840.1.113883.5.84
0-L	0234	Supravital stain	2.16.840.1.113883.5.84
0-L	0235	Thioflavine-S stain	2.16.840.1.113883.5.84
0-L	0236	Three micron Giemsa stain	2.16.840.1.113883.5.84
0-L	0237	Vassar-Culling stain	2.16.840.1.113883.5.84
0-L	0238	Vital Stain	2.16.840.1.113883.5.84
0-L	0239	von Kossa stain	2.16.840.1.113883.5.84
0-L	0240	Antibiotic sensitivity, disk	2.16.840.1.113883.5.84
0-L	0241	BACTEC susceptibility test	2.16.840.1.113883.5.84
0-L	0242	Disk dilution	2.16.840.1.113883.5.84
0-L	0243	Minimum bactericidal concentration test, macrodilution	2.16.840.1.113883.5.84
0-L	0244	Minimum bactericidal concentration test, microdilution	2.16.840.1.113883.5.84
0-L	0245	Minimum Inhibitory Concentration, macrodilution	2.16.840.1.113883.5.84





0-L	0246	Minimum Inhibitory Concentration, microdilution	2.16.840.1.113883.5.84
0-L	0247	Turbidometric	2.16.840.1.113883.5.84
0-L	0248	Refractometric	2.16.840.1.113883.5.84
0-L	0249	Thin layer chromatography (TLC)	2.16.840.1.113883.5.84
0-L	0250	EMIT	2.16.840.1.113883.5.84
0-L	0251	Flow cytometry (FC)	2.16.840.1.113883.5.84
0-L	0252	Radial immunodiffusion (RID)	2.16.840.1.113883.5.84
0-L	0253	Fluorescence polarization immunoassay (FPIA)	2.16.840.1.113883.5.84
0-L	0254	Immunofixation electrophoresis (IFE)	2.16.840.1.113883.5.84
0-L	0255	Equilibrium dialysis	2.16.840.1.113883.5.84
0-L	0256	Kleihauer-Betke acid elution	2.16.840.1.113883.5.84
0-L	0257	Anti-complement immunofluorescence (ACIF)	2.16.840.1.113883.5.84
0-L	0258	GC/MS	2.16.840.1.113883.5.84
0-L	0259	Nephelometry	2.16.840.1.113883.5.84
0-L	0260	IgE immunoassay antibody	2.16.840.1.113883.5.84
0-L	0261	Lymphocyte Microcytotoxicity Assay	2.16.840.1.113883.5.84
0-L	0262	Spectrophotometry	2.16.840.1.113883.5.84
0-L	0263	Atomic absorption spectrophotometry (AAS)	2.16.840.1.113883.5.84
0-L	0264	Ion selective electrode (ISE)	2.16.840.1.113883.5.84
0-L	0265	Gas chromatography (GC)	2.16.840.1.113883.5.84
0-L	0266	Isoelectric focusing (IEF)	2.16.840.1.113883.5.84
0-L	0267	Immunochemiluminescence	2.16.840.1.113883.5.84

0-L	0268	Microparticle enzyme immunoassay (MEIA)	2.16.840.1.113883.5.84
0-L	0269	ICP/MS	2.16.840.1.113883.5.84
0-L	0270	Immunoradiometric assay (IRMA)	2.16.840.1.113883.5.84
0-L	0271	Photo optical clot detection	2.16.840.1.113883.5.84
1-S	ALGM	algorithm	2.16.840.1.113883.5.84
2-L	BYCL	bayesian calculation	2.16.840.1.113883.5.84
1-L	GINT	global introspection	2.16.840.1.113883.5.84
0-S	ALGM	algorithm	2.16.840.1.113883.5.84
0-L	BYCL	bayesian calculation	2.16.840.1.113883.5.84
0-L	GINT	global introspection	2.16.840.1.113883.5.84
0-S	0272	Minimum Inhibitory Concentration	2.16.840.1.113883.5.84
1-L	0245	Minimum Inhibitory Concentration, macrodilution	2.16.840.1.113883.5.84
1-L	0246	Minimum Inhibitory Concentration, microdilution	2.16.840.1.113883.5.84
0-L	0275a	Minimum Lethal Concentration (MLC)	2.16.840.1.113883.5.84
0-S	0280	Susceptibility Testing	2.16.840.1.113883.5.84
1-L	0240	Antibiotic sensitivity, disk	2.16.840.1.113883.5.84
1-L	0241	BACTEC susceptibility test	2.16.840.1.113883.5.84
1-L	0242	Disk dilution	2.16.840.1.113883.5.84
1-S	0272	Minimum Inhibitory Concentration	2.16.840.1.113883.5.84
1-L	0273	Viral Genotype Susceptibility	2.16.840.1.113883.5.84
1-L	0274	Viral Phenotype Susceptibility	2.16.840.1.113883.5.84
1-L	0275	Gradient Strip	2.16.840.1.113883.5.84

1-L	0275a	Minimum Lethal Concentration (MLC)	2.16.840.1.113883.5.84
1-L	0276	Slow Mycobacteria Susceptibility	2.16.840.1.113883.5.84
1-L	0277	Serum bactericidal titer	2.16.840.1.113883.5.84
1-L	0278	Agar screen	2.16.840.1.113883.5.84
1-L	0279	Disk induction	2.16.840.1.113883.5.84
0-A	_VerificationMethod	VerificationMethod	2.16.840.1.113883.5.84
1-L	VDOC	document verification	2.16.840.1.113883.5.84
1-L	VREG	registry verification	2.16.840.1.113883.5.84
1-L	VTOKEN	electronic token verification	2.16.840.1.113883.5.84
1-L	VVOICE	voice-based verification	2.16.840.1.113883.5.84
0-A	_GeneticObservationMethod	GeneticObservationMethod	2.16.840.1.113883.5.84
1-L	PCR	PCR	2.16.840.1.113883.5.84

Legenda: Type L=leaf, S=specializable, A=abstract, D=deprecated. NullFlavors to appear in @nullFlavor attribute instead of @code.

6.1.33 ObservationType 2.16.840.1.113883.1.11.16226 - 2014-03-26 (DEFN=UV=VO=1360-20160323) (from repository: ad2bbr-)

Id	2.16.840.1.113883.1.11.16226  ad2bbr-	Effective Date	2014-03-26 Other versions this id: ▪  ObservationTypeDEFN=UV=VO=1099-20110726 - as of 2011-07-26  ad2bbr-
Status	 Final	Version Label	DEFN=UV=VO=1360-20160323
Name	ObservationType	Display Name	ObservationType
Description	History description 2014-03-26: Lock all vaue sets untouched since 2014-03-26 to trackingId 2014T1_2014_03_26		

description:

Identifies the kinds of observations that can be performed

A valid code from the code system:

Code System Name	Code System Id	Code System Version
<i>loinc</i>	2.16.840.1.113883.6.1	

Or one of the following:

2 Source Code Systems
2.16.840.1.113883.5.4
2.16.840.1.113883.6.1

Level/ Type	Code	Display Name	Code System
1-A	_ActSpecObsCode	ActSpecObsCode	2.16.840.1.113883.5.4
2-L	ARTBLD	ActSpecObsArtBldCode	2.16.840.1.113883.5.4
2-S	DILUTION	ActSpecObsDilutionCode	2.16.840.1.113883.5.4
3-L	AUTO-HIGH	Auto-High Dilution	2.16.840.1.113883.5.4
3-L	AUTO-LOW	Auto-Low Dilution	2.16.840.1.113883.5.4
3-L	PRE	Pre-Dilution	2.16.840.1.113883.5.4
3-L	RERUN	Rerun Dilution	2.16.840.1.113883.5.4
2-L	EVNFCTS	ActSpecObsEvntfctsCode	2.16.840.1.113883.5.4
2-S	INTFR	ActSpecObsInterferenceCode	2.16.840.1.113883.5.4
3-L	FIBRIN	Fibrin	2.16.840.1.113883.5.4
3-L	HEMOLYSIS	Hemolysis	2.16.840.1.113883.5.4
3-L	ICTERUS	Icterus	2.16.840.1.113883.5.4
3-L	LIPEMIA	Lipemia	2.16.840.1.113883.5.4

2-S	VOLUME	ActSpecObsVolumeCode	2.16.840.1.113883.5.4
3-L	AVAILABLE	Available Volume	2.16.840.1.113883.5.4
3-L	CONSUMPTION	Consumption Volume	2.16.840.1.113883.5.4
3-L	CURRENT	Current Volume	2.16.840.1.113883.5.4
3-L	INITIAL	Initial Volume	2.16.840.1.113883.5.4
1-A	_AnnotationType	AnnotationType	2.16.840.1.113883.5.4
2-S	_ActPatientAnnotationType	ActPatientAnnotationType	2.16.840.1.113883.5.4
3-L	ANNDI	diagnostic image note	2.16.840.1.113883.5.4
3-L	ANNGEN	general note	2.16.840.1.113883.5.4
3-L	ANNIMM	immunization note	2.16.840.1.113883.5.4
3-L	ANNLAB	laboratory note	2.16.840.1.113883.5.4
3-L	ANNMED	medication note	2.16.840.1.113883.5.4
1-A	_GeneticObservationType	GeneticObservationType	2.16.840.1.113883.5.4
2-L	GENE	gene	2.16.840.1.113883.5.4
1-S	_ImmunizationObservationType	ImmunizationObservationType	2.16.840.1.113883.5.4
2-L	OBSANTC	antigen count	2.16.840.1.113883.5.4
2-L	OBSANTV	antigen validity	2.16.840.1.113883.5.4
1-A	_IndividualCaseSafetyReportType	Individual Case Safety Report Type	2.16.840.1.113883.5.4
2-L	PAT_ADV_EVNT	patient adverse event	2.16.840.1.113883.5.4
2-L	VAC_PROBLEM	vaccine product problem	2.16.840.1.113883.5.4
1-A	_LOINCObservationActContextAgeType	LOINCObservationActContextAgeType	2.16.840.1.113883.5.4
2-L	21611-9	age patient qn est	2.16.840.1.113883.5.4

2-L	21612-7	age patient qn reported	2.16.840.1.113883.5.4
2-L	29553-5	age patient qn calc	2.16.840.1.113883.5.4
2-L	30525-0	age patient qn definition	2.16.840.1.113883.5.4
2-L	30972-4	age at onset of adverse event	2.16.840.1.113883.5.4
1-A	_MedicationObservationType	MedicationObservationType	2.16.840.1.113883.5.4
2-L	REP_HALF_LIFE	representative half-life	2.16.840.1.113883.5.4
2-L	SPLCOATING	coating	2.16.840.1.113883.5.4
2-L	SPLCOLOR	color	2.16.840.1.113883.5.4
2-L	SPLIMAGE	image	2.16.840.1.113883.5.4
2-L	SPLIMPRINT	imprint	2.16.840.1.113883.5.4
2-L	SPLSCORING	scoring	2.16.840.1.113883.5.4
2-L	SPLSHAPE	shape	2.16.840.1.113883.5.4
2-L	SPLSIZE	size	2.16.840.1.113883.5.4
2-L	SPLSYMBOL	symbol	2.16.840.1.113883.5.4
1-A	_ObservationIssueTriggerCodedObservationType	ObservationIssueTriggerCodedObservationType	2.16.840.1.113883.5.4
2-A	_CaseTransmissionMode	case transmission mode	2.16.840.1.113883.5.4
3-L	AIRTRNS	airborne transmission	2.16.840.1.113883.5.4
3-L	ANANTRNS	animal to animal transmission	2.16.840.1.113883.5.4
3-L	ANHUMTRNS	animal to human transmission	2.16.840.1.113883.5.4
3-L	BDYFLDTRNS	body fluid contact transmission	2.16.840.1.113883.5.4
3-L	BLDTRNS	blood borne transmission	2.16.840.1.113883.5.4
3-L	DERMTRNS	transdermal transmission	2.16.840.1.113883.5.4

3-L	ENVTRNS	environmental exposure transmission	2.16.840.1.113883.5.4
3-L	FECTRNS	fecal-oral transmission	2.16.840.1.113883.5.4
3-L	FOMTRNS	fomite transmission	2.16.840.1.113883.5.4
3-L	FOODTRNS	food-borne transmission	2.16.840.1.113883.5.4
3-L	HUMHUMTRNS	human to human transmission	2.16.840.1.113883.5.4
3-L	INDTRNS	indeterminate disease transmission mode	2.16.840.1.113883.5.4
3-L	LACTRNS	lactation transmission	2.16.840.1.113883.5.4
3-L	NOSTRNS	nosocomial transmission	2.16.840.1.113883.5.4
3-L	PARTRNS	parenteral transmission	2.16.840.1.113883.5.4
3-L	PLACTRNS	transplacental transmission	2.16.840.1.113883.5.4
3-L	SEXRNS	sexual transmission	2.16.840.1.113883.5.4
3-L	TRNSFTRNS	transfusion transmission	2.16.840.1.113883.5.4
3-L	VECTRNS	vector-borne transmission	2.16.840.1.113883.5.4
3-L	WATTRNS	water-borne transmission	2.16.840.1.113883.5.4
1-S	_ObservationQualityMeasureAttribute	ObservationQualityMeasureAttribute	2.16.840.1.113883.5.4
2-L	AGGREGATE	aggregate measure observation	2.16.840.1.113883.5.4
2-L	COPY	copyright	2.16.840.1.113883.5.4
2-L	CRS	clinical recommendation statement	2.16.840.1.113883.5.4
2-L	DEF	definition	2.16.840.1.113883.5.4
2-L	DISC	disclaimer	2.16.840.1.113883.5.4
2-L	FINALDT	finalized date/time	2.16.840.1.113883.5.4
2-L	GUIDE	guidance	2.16.840.1.113883.5.4

2-L	IDUR	improvement notation	2.16.840.1.113883.5.4
2-L	ITMCNT	items counted	2.16.840.1.113883.5.4
2-L	KEY	keyword	2.16.840.1.113883.5.4
2-L	MEDT	measurement end date	2.16.840.1.113883.5.4
2-L	MSD	measurement start date	2.16.840.1.113883.5.4
2-L	MSRADJ	risk adjustment	2.16.840.1.113883.5.4
2-L	MSRAGG	rate aggregation	2.16.840.1.113883.5.4
2-L	MSRIMPROV	health quality measure improvement notation	2.16.840.1.113883.5.4
2-L	MSRJUR	jurisdiction	2.16.840.1.113883.5.4
2-L	MSRRPTR	reporter type	2.16.840.1.113883.5.4
2-L	MSRRPTTIME	timeframe for reporting	2.16.840.1.113883.5.4
2-L	MSRSCORE	measure scoring	2.16.840.1.113883.5.4
2-L	MSRSET	health quality measure care setting	2.16.840.1.113883.5.4
2-L	MSRTOPIC	health quality measure topic type	2.16.840.1.113883.5.4
2-L	MSRTP	measurement period	2.16.840.1.113883.5.4
2-L	MSRTYPE	measure type	2.16.840.1.113883.5.4
2-L	RAT	rationale	2.16.840.1.113883.5.4
2-L	REF	reference	2.16.840.1.113883.5.4
2-L	SDE	supplemental data elements	2.16.840.1.113883.5.4
2-L	STRAT	stratification	2.16.840.1.113883.5.4
2-L	TRANF	transmission format	2.16.840.1.113883.5.4
2-L	USE	notice of use	2.16.840.1.113883.5.4

1-A	_ObservationSequenceType	ObservationSequenceType	2.16.840.1.113883.5.4
2-L	TIME_ABSOLUTE	absolute time sequence	2.16.840.1.113883.5.4
2-L	TIME_RELATIVE	relative time sequence	2.16.840.1.113883.5.4
1-A	_ObservationSeriesType	ObservationSeriesType	2.16.840.1.113883.5.4
2-A	_ECGObservationSeriesType	ECGObservationSeriesType	2.16.840.1.113883.5.4
3-L	REPRESENTATIVE_BEAT	ECG representative beat waveforms	2.16.840.1.113883.5.4
3-L	RHYTHM	ECG rhythm waveforms	2.16.840.1.113883.5.4
1-S	_PatientImmunizationRelatedObservationType	PatientImmunizationRelatedObservationType	2.16.840.1.113883.5.4
2-L	CLSSRM	classroom	2.16.840.1.113883.5.4
2-L	GRADE	grade	2.16.840.1.113883.5.4
2-L	SCHL	school	2.16.840.1.113883.5.4
2-L	SCHLDIV	school division	2.16.840.1.113883.5.4
2-L	TEACHER	teacher	2.16.840.1.113883.5.4
1-A	_PopulationInclusionObservationType	PopulationInclusionObservationType	2.16.840.1.113883.5.4
2-L	DENEX	denominator exclusions	2.16.840.1.113883.5.4
2-L	DENEXCEP	denominator exceptions	2.16.840.1.113883.5.4
2-L	DENOM	denominator	2.16.840.1.113883.5.4
2-S	IPOP	initial population	2.16.840.1.113883.5.4
3-L	IPPOP	initial patient population	2.16.840.1.113883.5.4
2-L	MSRPOPL	measure population	2.16.840.1.113883.5.4
2-L	MSRPOPLEX	measure population exclusions	2.16.840.1.113883.5.4
2-L	NUMER	numerator	2.16.840.1.113883.5.4

2-L	NUMEX	numerator exclusions	2.16.840.1.113883.5.4
1-A	_PreferenceObservationType	_PreferenceObservationType	2.16.840.1.113883.5.4
2-L	PREFSTRENGTH	preference strength	2.16.840.1.113883.5.4
1-L	ADVERSE_REACTION	Adverse Reaction	2.16.840.1.113883.5.4
1-L	ASSERTION	Assertion	2.16.840.1.113883.5.4
1-L	CASESER	case seriousness criteria	2.16.840.1.113883.5.4
1-L	CDIO	case disease imported observation	2.16.840.1.113883.5.4
1-L	CRIT	criticality	2.16.840.1.113883.5.4
1-L	CTMO	case transmission mode observation	2.16.840.1.113883.5.4
1-S	DX	ObservationDiagnosisTypes	2.16.840.1.113883.5.4
2-L	ADMDX	admitting diagnosis	2.16.840.1.113883.5.4
2-L	DISDX	discharge diagnosis	2.16.840.1.113883.5.4
2-L	INTDX	intermediate diagnosis	2.16.840.1.113883.5.4
2-L	NOI	nature of injury	2.16.840.1.113883.5.4
1-L	GISTIER	GIS tier	2.16.840.1.113883.5.4
1-L	HHOBS	household situation observation	2.16.840.1.113883.5.4
1-S	ISSUE	detected issue	2.16.840.1.113883.5.4
2-A	_ActAdministrativeDetectedIssueCode	ActAdministrativeDetectedIssueCode	2.16.840.1.113883.5.4
3-A	_ActAdministrativeAuthorizationDetectedIssueCode	ActAdministrativeAuthorizationDetectedIssueCode	2.16.840.1.113883.5.4
4-L	NAT	Insufficient authorization	2.16.840.1.113883.5.4
4-L	SUPPRESSED	record suppressed	2.16.840.1.113883.5.4
4-S	VALIDAT	validation issue	2.16.840.1.113883.5.4

5-L	KEY204	Unknown key identifier	2.16.840.1.113883.5.4
5-L	KEY205	Duplicate key identifier	2.16.840.1.113883.5.4
5-S	COMPLY	Compliance Alert	2.16.840.1.113883.5.4
6-S	DUPTHPY	Duplicate Therapy Alert	2.16.840.1.113883.5.4
7-L	DUPTHPCLS	duplicate therapeutic class alert	2.16.840.1.113883.5.4
7-L	DUPTHPGEN	duplicate generic alert	2.16.840.1.113883.5.4
6-L	ABUSE	commonly abused/misused alert	2.16.840.1.113883.5.4
6-L	FRAUD	potential fraud	2.16.840.1.113883.5.4
6-L	PLYDOC	Poly-orderer Alert	2.16.840.1.113883.5.4
6-L	PLYPHRM	Poly-supplier Alert Poly-pharmacy Alert	2.16.840.1.113883.5.4
5-S	DOSE	Dosage problem	2.16.840.1.113883.5.4
6-L	DOSECOND	dosage-condition alert	2.16.840.1.113883.5.4
6-S	DOSEDUR	Dose-Duration Alert	2.16.840.1.113883.5.4
7-S	DOSEDURH	Dose-Duration High Alert	2.16.840.1.113883.5.4
8-L	DOSEDURHIND	Dose-Duration High for Indication Alert	2.16.840.1.113883.5.4
7-S	DOSEDURL	Dose-Duration Low Alert	2.16.840.1.113883.5.4
8-L	DOSEDURLIND	Dose-Duration Low for Indication Alert	2.16.840.1.113883.5.4
6-S	DOSEH	High Dose Alert	2.16.840.1.113883.5.4
7-L	DOSEHINDA	High Dose for Age Alert	2.16.840.1.113883.5.4
7-L	DOSEHIND	High Dose for Indication Alert	2.16.840.1.113883.5.4
7-L	DOSEHINDSA	High Dose for Height/Surface Area Alert	2.16.840.1.113883.5.4
7-L	DOSEHINDW	High Dose for Weight Alert	2.16.840.1.113883.5.4

6-S	DOSEIVL	Dose-Interval Alert	2.16.840.1.113883.5.4
7-L	DOSEIVLIND	Dose-Interval for Indication Alert	2.16.840.1.113883.5.4
6-S	DOSEL	Low Dose Alert	2.16.840.1.113883.5.4
7-L	DOSELINDA	Low Dose for Age Alert	2.16.840.1.113883.5.4
7-L	DOSELIND	Low Dose for Indication Alert	2.16.840.1.113883.5.4
7-L	DOSELINDSA	Low Dose for Height/Surface Area Alert	2.16.840.1.113883.5.4
7-L	DOSELINDW	Low Dose for Weight Alert	2.16.840.1.113883.5.4
6-L	MDOSE	maximum dosage reached	2.16.840.1.113883.5.4
5-S	OBSA	Observation Alert	2.16.840.1.113883.5.4
6-S	AGE	Age Alert	2.16.840.1.113883.5.4
7-L	ADALRT	adult alert	2.16.840.1.113883.5.4
7-L	DOSEHINDA	High Dose for Age Alert	2.16.840.1.113883.5.4
7-L	DOSELINDA	Low Dose for Age Alert	2.16.840.1.113883.5.4
7-L	GEALRT	geriatric alert	2.16.840.1.113883.5.4
7-L	PEALRT	pediatric alert	2.16.840.1.113883.5.4
6-S	COND	Condition Alert	2.16.840.1.113883.5.4
7-L	HGHT	HGHT	2.16.840.1.113883.5.4
7-L	LACT	Lactation Alert	2.16.840.1.113883.5.4
7-L	PREG	Pregnancy Alert	2.16.840.1.113883.5.4
7-L	WGHT	WGHT	2.16.840.1.113883.5.4
6-L	CREACT	common reaction alert	2.16.840.1.113883.5.4
6-L	GEN	Genetic Alert	2.16.840.1.113883.5.4

6-L	GEND	Gender Alert	2.16.840.1.113883.5.4
6-L	LAB	Lab Alert	2.16.840.1.113883.5.4
6-S	REACT	Reaction Alert	2.16.840.1.113883.5.4
7-L	ALGY	Allergy Alert	2.16.840.1.113883.5.4
7-L	INT	Intolerance Alert	2.16.840.1.113883.5.4
6-S	RREACT	Related Reaction Alert	2.16.840.1.113883.5.4
7-L	RALG	Related Allergy Alert	2.16.840.1.113883.5.4
7-L	RAR	Related Prior Reaction Alert	2.16.840.1.113883.5.4
7-L	RINT	Related Intolerance Alert	2.16.840.1.113883.5.4
5-L	BUS	business constraint violation	2.16.840.1.113883.5.4
5-S	CODE_INVALID	code is not valid	2.16.840.1.113883.5.4
6-L	CODE_DEPRECATED	code has been deprecated	2.16.840.1.113883.5.4
5-L	FORMAT	invalid format	2.16.840.1.113883.5.4
5-L	ILLEGAL	illegal	2.16.840.1.113883.5.4
5-S	LEN_RANGE	length out of range	2.16.840.1.113883.5.4
6-L	LEN_LONG	length is too long	2.16.840.1.113883.5.4
6-L	LEN_SHORT	length is too short	2.16.840.1.113883.5.4
5-L	MISSCOND	conditional element missing	2.16.840.1.113883.5.4
5-L	MISSMAND	mandatory element missing	2.16.840.1.113883.5.4
5-L	NODUPS	duplicate values are not permitted	2.16.840.1.113883.5.4
5-L	NOPERSIST	element will not be persisted	2.16.840.1.113883.5.4
5-S	REP_RANGE	repetitions out of range	2.16.840.1.113883.5.4

6-L	MAXOCCURS	repetitions above maximum	2.16.840.1.113883.5.4
6-L	MINOCCURS	repetitions below minimum	2.16.840.1.113883.5.4
3-A	_ActAdministrativeRuleDetectedIssueCode	ActAdministrativeRuleDetectedIssueCode	2.16.840.1.113883.5.4
4-L	KEY204	Unknown key identifier	2.16.840.1.113883.5.4
4-L	KEY205	Duplicate key identifier	2.16.840.1.113883.5.4
4-L	KEY206	non-matching identification	2.16.840.1.113883.5.4
4-L	OBSOLETE	obsolete record returned	2.16.840.1.113883.5.4
2-A	_ActSuppliedItemDetectedIssueCode	ActSuppliedItemDetectedIssueCode	2.16.840.1.113883.5.4
3-A	_AdministrationDetectedIssueCode	AdministrationDetectedIssueCode	2.16.840.1.113883.5.4
4-A	_AppropriatenessDetectedIssueCode	AppropriatenessDetectedIssueCode	2.16.840.1.113883.5.4
5-A	_InteractionDetectedIssueCode	InteractionDetectedIssueCode	2.16.840.1.113883.5.4
6-L	FOOD	Food Interaction Alert	2.16.840.1.113883.5.4
6-S	TPROD	Therapeutic Product Alert	2.16.840.1.113883.5.4
7-L	DRG	Drug Interaction Alert	2.16.840.1.113883.5.4
7-L	NHP	Natural Health Product Alert	2.16.840.1.113883.5.4
7-L	NONRX	Non-Prescription Interaction Alert	2.16.840.1.113883.5.4
5-S	OBSA	Observation Alert	2.16.840.1.113883.5.4
6-S	AGE	Age Alert	2.16.840.1.113883.5.4
7-L	ADALRT	adult alert	2.16.840.1.113883.5.4
7-L	DOSEHINDA	High Dose for Age Alert	2.16.840.1.113883.5.4
7-L	DOSELINDA	Low Dose for Age Alert	2.16.840.1.113883.5.4
7-L	GEALRT	geriatric alert	2.16.840.1.113883.5.4

7-L	PEALRT	pediatric alert	2.16.840.1.113883.5.4
6-S	COND	Condition Alert	2.16.840.1.113883.5.4
7-L	HGHT	HGHT	2.16.840.1.113883.5.4
7-L	LACT	Lactation Alert	2.16.840.1.113883.5.4
7-L	PREG	Pregnancy Alert	2.16.840.1.113883.5.4
7-L	WGHT	WGHT	2.16.840.1.113883.5.4
6-L	CREACT	common reaction alert	2.16.840.1.113883.5.4
6-L	GEN	Genetic Alert	2.16.840.1.113883.5.4
6-L	GEND	Gender Alert	2.16.840.1.113883.5.4
6-L	LAB	Lab Alert	2.16.840.1.113883.5.4
6-S	REACT	Reaction Alert	2.16.840.1.113883.5.4
7-L	ALGY	Allergy Alert	2.16.840.1.113883.5.4
7-L	INT	Intolerance Alert	2.16.840.1.113883.5.4
6-S	RREACT	Related Reaction Alert	2.16.840.1.113883.5.4
7-L	RALG	Related Allergy Alert	2.16.840.1.113883.5.4
7-L	RAR	Related Prior Reaction Alert	2.16.840.1.113883.5.4
7-L	RINT	Related Intolerance Alert	2.16.840.1.113883.5.4
5-L	PREVINEF	previously ineffective	2.16.840.1.113883.5.4
4-S	COMPLY	Compliance Alert	2.16.840.1.113883.5.4
5-S	DUPTHPY	Duplicate Therapy Alert	2.16.840.1.113883.5.4
6-L	DUPTHPCLS	duplicate therapeutic class alert	2.16.840.1.113883.5.4
6-L	DUPTHPGEN	duplicate generic alert	2.16.840.1.113883.5.4

5-L	ABUSE	commonly abused/misused alert	2.16.840.1.113883.5.4
5-L	FRAUD	potential fraud	2.16.840.1.113883.5.4
5-L	PLYDOC	Poly-orderer Alert	2.16.840.1.113883.5.4
5-L	PLYPHRM	Poly-supplier Alert Poly-pharmacy Alert	2.16.840.1.113883.5.4
4-L	DACT	drug action detected issue	2.16.840.1.113883.5.4
4-S	DOSE	Dosage problem	2.16.840.1.113883.5.4
5-L	DOSECOND	dosage-condition alert	2.16.840.1.113883.5.4
5-S	DOSEDUR	Dose-Duration Alert	2.16.840.1.113883.5.4
6-S	DOSEDURH	Dose-Duration High Alert	2.16.840.1.113883.5.4
7-L	DOSEDURHIND	Dose-Duration High for Indication Alert	2.16.840.1.113883.5.4
6-S	DOSEDURL	Dose-Duration Low Alert	2.16.840.1.113883.5.4
7-L	DOSEDURLIND	Dose-Duration Low for Indication Alert	2.16.840.1.113883.5.4
5-S	DOSEH	High Dose Alert	2.16.840.1.113883.5.4
6-L	DOSEHINDA	High Dose for Age Alert	2.16.840.1.113883.5.4
6-L	DOSEHIND	High Dose for Indication Alert	2.16.840.1.113883.5.4
6-L	DOSEHINDSA	High Dose for Height/Surface Area Alert	2.16.840.1.113883.5.4
6-L	DOSEHINDW	High Dose for Weight Alert	2.16.840.1.113883.5.4
5-S	DOSEIVL	Dose-Interval Alert	2.16.840.1.113883.5.4
6-L	DOSEIVLIND	Dose-Interval for Indication Alert	2.16.840.1.113883.5.4
5-S	DOSEL	Low Dose Alert	2.16.840.1.113883.5.4
6-L	DOSELINDA	Low Dose for Age Alert	2.16.840.1.113883.5.4
6-L	DOSELIND	Low Dose for Indication Alert	2.16.840.1.113883.5.4

6-L	DOSELINDSA	Low Dose for Height/Surface Area Alert	2.16.840.1.113883.5.4
6-L	DOSELINDW	Low Dose for Weight Alert	2.16.840.1.113883.5.4
5-L	MDOSE	maximum dosage reached	2.16.840.1.113883.5.4
4-S	DUPTHPY	Duplicate Therapy Alert	2.16.840.1.113883.5.4
5-L	DUPTHPCLS	duplicate therapeutic class alert	2.16.840.1.113883.5.4
5-L	DUPTHPGEN	duplicate generic alert	2.16.840.1.113883.5.4
4-S	TIME	timing detected issue	2.16.840.1.113883.5.4
5-L	ALRTENDLATE	end too late alert	2.16.840.1.113883.5.4
5-L	ALRTSTRTLATE	start too late alert	2.16.840.1.113883.5.4
3-A	_SupplyDetectedIssueCode	SupplyDetectedIssueCode	2.16.840.1.113883.5.4
4-L	ALLDONE	already performed	2.16.840.1.113883.5.4
4-S	FULFIL	fulfillment alert	2.16.840.1.113883.5.4
5-L	NOTACTN	no longer actionable	2.16.840.1.113883.5.4
5-S	NOTEQUIV	not equivalent alert	2.16.840.1.113883.5.4
6-L	NOTEQUIVGEN	not generically equivalent alert	2.16.840.1.113883.5.4
6-L	NOTEQUIVOTHER	not therapeutically equivalent alert	2.16.840.1.113883.5.4
5-S	TIMING	event timing incorrect alert	2.16.840.1.113883.5.4
6-L	INTERVAL	outside requested time	2.16.840.1.113883.5.4
6-L	MINFREQ	too soon within frequency based on the usage	2.16.840.1.113883.5.4
4-L	HELD	held/suspended alert	2.16.840.1.113883.5.4
4-L	TOOLATE	Refill Too Late Alert	2.16.840.1.113883.5.4
4-L	TOOSOON	Refill Too Soon Alert	2.16.840.1.113883.5.4

3-L	HISTORIC	record recorded as historical	2.16.840.1.113883.5.4
3-S	PATPREF	violates stated preferences	2.16.840.1.113883.5.4
4-L	PATPREFALT	violates stated preferences, alternate available	2.16.840.1.113883.5.4
1-L	KSUBJ	knowledge subject	2.16.840.1.113883.5.4
1-L	KSUBT	knowledge subtopic	2.16.840.1.113883.5.4
1-S	OINT	intolerance	2.16.840.1.113883.5.4
2-S	ALG	Allergy	2.16.840.1.113883.5.4
3-L	DALG	Drug Allergy	2.16.840.1.113883.5.4
3-L	EALG	Environmental Allergy	2.16.840.1.113883.5.4
3-L	FALG	Food Allergy	2.16.840.1.113883.5.4
2-S	DINT	Drug Intolerance	2.16.840.1.113883.5.4
3-L	DALG	Drug Allergy	2.16.840.1.113883.5.4
3-L	DNAINT	Drug Non-Allergy Intolerance	2.16.840.1.113883.5.4
2-S	EINT	Environmental Intolerance	2.16.840.1.113883.5.4
3-L	EALG	Environmental Allergy	2.16.840.1.113883.5.4
3-L	ENAIINT	Environmental Non-Allergy Intolerance	2.16.840.1.113883.5.4
2-S	FINT	Food Intolerance	2.16.840.1.113883.5.4
3-L	FALG	Food Allergy	2.16.840.1.113883.5.4
3-L	FNAINT	Food Non-Allergy Intolerance	2.16.840.1.113883.5.4
2-S	NAINT	Non-Allergy Intolerance	2.16.840.1.113883.5.4
3-L	DNAINT	Drug Non-Allergy Intolerance	2.16.840.1.113883.5.4
3-L	ENAIINT	Environmental Non-Allergy Intolerance	2.16.840.1.113883.5.4

3-L	FNAINT	Food Non-Allergy Intolerance	2.16.840.1.113883.5.4
1-L	SEV	Severity Observation	2.16.840.1.113883.5.4
1-L	ADMDX	admitting diagnosis	2.16.840.1.113883.5.4
1-L	DISDX	discharge diagnosis	2.16.840.1.113883.5.4
1-L	INTDX	intermediate diagnosis	2.16.840.1.113883.5.4
1-L	NOI	nature of injury	2.16.840.1.113883.5.4
1-A	_ECGObservationSeriesType	ECGObservationSeriesType	2.16.840.1.113883.5.4
2-L	REPRESENTATIVE_BEAT	ECG representative beat waveforms	2.16.840.1.113883.5.4
2-L	RHYTHM	ECG rhythm waveforms	2.16.840.1.113883.5.4
1-L	TIME_ABSOLUTE	absolute time sequence	2.16.840.1.113883.5.4
1-L	TIME_RELATIVE	relative time sequence	2.16.840.1.113883.5.4
1-S	_ActPatientAnnotationType	ActPatientAnnotationType	2.16.840.1.113883.5.4
2-L	ANNDI	diagnostic image note	2.16.840.1.113883.5.4
2-L	ANNGEN	general note	2.16.840.1.113883.5.4
2-L	ANNIMM	immunization note	2.16.840.1.113883.5.4
2-L	ANNLAB	laboratory note	2.16.840.1.113883.5.4
2-L	ANNMED	medication note	2.16.840.1.113883.5.4
0-S	OINT	intolerance	2.16.840.1.113883.5.4
1-S	ALG	Allergy	2.16.840.1.113883.5.4
1-S	DINT	Drug Intolerance	2.16.840.1.113883.5.4
1-S	EINT	Environmental Intolerance	2.16.840.1.113883.5.4
1-S	FINT	Food Intolerance	2.16.840.1.113883.5.4

1-S	NAINT	Non-Allergy Intolerance	2.16.840.1.113883.5.4
0-A	_ObservationIssueTriggerCodedObservationType	ObservationIssueTriggerCodedObservationType	2.16.840.1.113883.5.4
1-A	_CaseTransmissionMode	case transmission mode	2.16.840.1.113883.5.4
0-L	REP_HALF_LIFE	representative half-life	2.16.840.1.113883.5.4
0-L	SPLCOATING	coating	2.16.840.1.113883.5.4
0-L	SPLCOLOR	color	2.16.840.1.113883.5.4
0-L	SPLIMAGE	image	2.16.840.1.113883.5.4
0-L	SPLIMPRINT	imprint	2.16.840.1.113883.5.4
0-L	SPLSCORING	scoring	2.16.840.1.113883.5.4
0-L	SPLSHAPE	shape	2.16.840.1.113883.5.4
0-L	SPLSIZE	size	2.16.840.1.113883.5.4
0-L	SPLSYMBOL	symbol	2.16.840.1.113883.5.4
0-L	21611-9	age patient qn est	2.16.840.1.113883.5.4
0-L	21612-7	age patient qn reported	2.16.840.1.113883.5.4
0-L	29553-5	age patient qn calc	2.16.840.1.113883.5.4
0-L	30525-0	age patient qn definition	2.16.840.1.113883.5.4
0-L	30972-4	age at onset of adverse event	2.16.840.1.113883.5.4
0-A	_GeneticObservationType	GeneticObservationType	2.16.840.1.113883.5.4
1-L	GENE	gene	2.16.840.1.113883.5.4

Legenda: Type L=leaf, S=specializable, A=abstract, D=deprecated. NullFlavors to appear in @nullFlavor attribute instead of @code.

6.1.34 ○ ObservationType 2.16.840.1.113883.1.11.16226 - 2011-07-26 (DEFN=UV=VO=1099-20110726) (from repository: ad2bbr-)

Id	2.16.840.1.113883.1.11.16226 <small>ref</small> ad2bbr-	Effective Date	2011-07-26 Other versions this id: <ul style="list-style-type: none"> ● ObservationTypeDEFN=UV=VO=1360-20160323 - as of 2014-03-26 <small>ref</small> ad2bbr-
Status	● Final	Version Label	DEFN=UV=VO=1099-20110726
Name	ObservationType	Display Name	ObservationType
Description	description: Identifies the kinds of observations that can be performed		
2 Source Code Systems	2.16.840.1.113883.5.4 2.16.840.1.113883.6.1		

Level/ Type	Code	Display Name	Code System
1-A	_ActSpecObsCode	ActSpecObsCode	2.16.840.1.113883.5.4
2-L	ARTBLD	ActSpecObsArtBldCode	2.16.840.1.113883.5.4
2-S	DILUTION	ActSpecObsDilutionCode	2.16.840.1.113883.5.4
3-L	AUTO-HIGH	Auto-High Dilution	2.16.840.1.113883.5.4
3-L	AUTO-LOW	Auto-Low Dilution	2.16.840.1.113883.5.4
3-L	PRE	Pre-Dilution	2.16.840.1.113883.5.4
3-L	RERUN	Rerun Dilution	2.16.840.1.113883.5.4
2-L	EVNFCTS	ActSpecObsEvtfctsCode	2.16.840.1.113883.5.4
2-S	INTFR	ActSpecObsInterferenceCode	2.16.840.1.113883.5.4
3-L	FIBRIN	Fibrin	2.16.840.1.113883.5.4
3-L	HEMOLYSIS	Hemolysis	2.16.840.1.113883.5.4

3-L	ICTERUS	Icterus	2.16.840.1.113883.5.4
3-L	LIPEMIA	Lipemia	2.16.840.1.113883.5.4
2-S	VOLUME	ActSpecObsVolumeCode	2.16.840.1.113883.5.4
3-L	AVAILABLE	Available Volume	2.16.840.1.113883.5.4
3-L	CONSUMPTION	Consumption Volume	2.16.840.1.113883.5.4
3-L	CURRENT	Current Volume	2.16.840.1.113883.5.4
3-L	INITIAL	Initial Volume	2.16.840.1.113883.5.4
1-A	_AnnotationType	AnnotationType	2.16.840.1.113883.5.4
2-S	_ActPatientAnnotationType	ActPatientAnnotationType	2.16.840.1.113883.5.4
3-L	ANNDI	diagnostic image note	2.16.840.1.113883.5.4
3-L	ANNGEN	general note	2.16.840.1.113883.5.4
3-L	ANNIMM	immunization note	2.16.840.1.113883.5.4
3-L	ANNLAB	laboratory note	2.16.840.1.113883.5.4
3-L	ANNMED	medication note	2.16.840.1.113883.5.4
1-A	_GeneticObservationType	GeneticObservationType	2.16.840.1.113883.5.4
2-L	GENE	gene	2.16.840.1.113883.5.4
1-S	_ImmunizationObservationType	ImmunizationObservationType	2.16.840.1.113883.5.4
2-L	OBSANTC	antigen count	2.16.840.1.113883.5.4
2-L	OBSANTV	antigen validity	2.16.840.1.113883.5.4
1-A	_IndividualCaseSafetyReportType	Individual Case Safety Report Type	2.16.840.1.113883.5.4
2-L	PAT_ADV_EVNT	patient adverse event	2.16.840.1.113883.5.4
2-L	VAC_PROBLEM	vaccine product problem	2.16.840.1.113883.5.4

1-A	_LOINCObservationActContextAgeType	LOINCObservationActContextAgeType	2.16.840.1.113883.5.4
2-L	21611-9	age patient qn est	2.16.840.1.113883.5.4
2-L	21612-7	age patient qn reported	2.16.840.1.113883.5.4
2-L	29553-5	age patient qn calc	2.16.840.1.113883.5.4
2-L	30525-0	age patient qn definition	2.16.840.1.113883.5.4
2-L	30972-4	age at onset of adverse event	2.16.840.1.113883.5.4
1-A	_MedicationObservationType	MedicationObservationType	2.16.840.1.113883.5.4
2-L	REP_HALF_LIFE	representative half-life	2.16.840.1.113883.5.4
2-L	SPLCOATING	coating	2.16.840.1.113883.5.4
2-L	SPLCOLOR	color	2.16.840.1.113883.5.4
2-L	SPLIMAGE	image	2.16.840.1.113883.5.4
2-L	SPLIMPRINT	imprint	2.16.840.1.113883.5.4
2-L	SPLSCORING	scoring	2.16.840.1.113883.5.4
2-L	SPLSHAPE	shape	2.16.840.1.113883.5.4
2-L	SPLSIZE	size	2.16.840.1.113883.5.4
2-L	SPLSYMBOL	symbol	2.16.840.1.113883.5.4
1-A	_ObservationIssueTriggerCodedObservationType	ObservationIssueTriggerCodedObservationType	2.16.840.1.113883.5.4
2-A	_CaseTransmissionMode	case transmission mode	2.16.840.1.113883.5.4
3-L	AIRTRNS	airborne transmission	2.16.840.1.113883.5.4
3-L	ANANTRNS	animal to animal transmission	2.16.840.1.113883.5.4
3-L	ANHUMTRNS	animal to human transmission	2.16.840.1.113883.5.4
3-L	BDYFLDTRNS	body fluid contact transmission	2.16.840.1.113883.5.4

3-L	BLDTRNS	blood borne transmission	2.16.840.1.113883.5.4
3-L	DERMTRNS	transdermal transmission	2.16.840.1.113883.5.4
3-L	ENVTRNS	environmental exposure transmission	2.16.840.1.113883.5.4
3-L	FECTRNS	fecal-oral transmission	2.16.840.1.113883.5.4
3-L	FOMTRNS	fomite transmission	2.16.840.1.113883.5.4
3-L	FOODTRNS	food-borne transmission	2.16.840.1.113883.5.4
3-L	HUMHUMTRNS	human to human transmission	2.16.840.1.113883.5.4
3-L	INDTRNS	indeterminate disease transmission mode	2.16.840.1.113883.5.4
3-L	LACTTRNS	lactation transmission	2.16.840.1.113883.5.4
3-L	NOSTRNS	nosocomial transmission	2.16.840.1.113883.5.4
3-L	PARTRNS	parenteral transmission	2.16.840.1.113883.5.4
3-L	PLACTRNS	transplacental transmission	2.16.840.1.113883.5.4
3-L	SEXTRNS	sexual transmission	2.16.840.1.113883.5.4
3-L	TRNSFTRNS	transfusion transmission	2.16.840.1.113883.5.4
3-L	VECTRNS	vector-borne transmission	2.16.840.1.113883.5.4
3-L	WATTRNS	water-borne transmission	2.16.840.1.113883.5.4
1-S	_ObservationQualityMeasureAttribute	ObservationQualityMeasureAttribute	2.16.840.1.113883.5.4
2-L	COPY	copyright	2.16.840.1.113883.5.4
2-L	DISC	disclaimer	2.16.840.1.113883.5.4
2-L	KEY	keyword	2.16.840.1.113883.5.4
2-L	MSRADJ	health quality measure risk adjustment	2.16.840.1.113883.5.4
2-L	MSRAGG	health quality measure data aggregation	2.16.840.1.113883.5.4

2-L	MSRIMPROV	health quality measure improvement notation	2.16.840.1.113883.5.4
2-L	MSRSCORE	health quality measure scoring	2.16.840.1.113883.5.4
2-L	MSRSET	health quality measure care setting	2.16.840.1.113883.5.4
2-L	MSRTOPIC	health quality measure topic type	2.16.840.1.113883.5.4
2-L	MSRTYPE	health quality measure type	2.16.840.1.113883.5.4
2-L	RAT	rationale	2.16.840.1.113883.5.4
2-L	REF	reference	2.16.840.1.113883.5.4
2-L	USE	notice of use	2.16.840.1.113883.5.4
1-A	_ObservationSequenceType	ObservationSequenceType	2.16.840.1.113883.5.4
2-L	TIME_ABSOLUTE	absolute time sequence	2.16.840.1.113883.5.4
2-L	TIME_RELATIVE	relative time sequence	2.16.840.1.113883.5.4
1-A	_ObservationSeriesType	ObservationSeriesType	2.16.840.1.113883.5.4
2-A	_ECGObservationSeriesType	ECGObservationSeriesType	2.16.840.1.113883.5.4
3-L	REPRESENTATIVE_BEAT	ECG representative beat waveforms	2.16.840.1.113883.5.4
3-L	RHYTHM	ECG rhythm waveforms	2.16.840.1.113883.5.4
1-S	_PatientImmunizationRelatedObservationType	PatientImmunizationRelatedObservationType	2.16.840.1.113883.5.4
2-L	CLSSRM	classroom	2.16.840.1.113883.5.4
2-L	GRADE	grade	2.16.840.1.113883.5.4
2-L	SCHL	school	2.16.840.1.113883.5.4
2-L	SCHLDIV	school division	2.16.840.1.113883.5.4
2-L	TEACHER	teacher	2.16.840.1.113883.5.4
1-L	ADVERSE_REACTION	Adverse Reaction	2.16.840.1.113883.5.4

1-L	ASSERTION	Assertion	2.16.840.1.113883.5.4
1-L	CASESER	case seriousness criteria	2.16.840.1.113883.5.4
1-S	DX	ObservationDiagnosisTypes	2.16.840.1.113883.5.4
2-L	ADMDX	admitting diagnosis	2.16.840.1.113883.5.4
2-L	DISDX	discharge diagnosis	2.16.840.1.113883.5.4
2-L	INTDX	intermediate diagnosis	2.16.840.1.113883.5.4
2-L	NOI	nature of injury	2.16.840.1.113883.5.4
1-L	GISTIER	GIS tier	2.16.840.1.113883.5.4
1-L	HHOBS	household situation observation	2.16.840.1.113883.5.4
1-S	ISSUE	detected issue	2.16.840.1.113883.5.4
2-A	_ActAdministrativeDetectedIssueCode	ActAdministrativeDetectedIssueCode	2.16.840.1.113883.5.4
3-A	_ActAdministrativeAuthorizationDetectedIssueCode	ActAdministrativeAuthorizationDetectedIssueCode	2.16.840.1.113883.5.4
4-L	NAT	Insufficient authorization	2.16.840.1.113883.5.4
4-L	SUPPRESSED	record suppressed	2.16.840.1.113883.5.4
4-S	VALIDAT	validation issue	2.16.840.1.113883.5.4
5-L	KEY204	Unknown key identifier	2.16.840.1.113883.5.4
5-L	KEY205	Duplicate key identifier	2.16.840.1.113883.5.4
5-S	COMPLY	Compliance Alert	2.16.840.1.113883.5.4
6-S	DUPTHPY	Duplicate Therapy Alert	2.16.840.1.113883.5.4
7-L	DUPTHPCLS	duplicate therapeutic class alert	2.16.840.1.113883.5.4
7-L	DUPTHPGEN	duplicate generic alert	2.16.840.1.113883.5.4
6-L	ABUSE	commonly abused/misused alert	2.16.840.1.113883.5.4

6-L	FRAUD	potential fraud	2.16.840.1.113883.5.4
6-L	PLYDOC	Poly-orderer Alert	2.16.840.1.113883.5.4
6-L	PLYPHRM	Poly-supplier Alert Poly-pharmacy Alert	2.16.840.1.113883.5.4
5-S	DOSE	Dosage problem	2.16.840.1.113883.5.4
6-L	DOSECOND	dosage-condition alert	2.16.840.1.113883.5.4
6-S	DOSEDUR	Dose-Duration Alert	2.16.840.1.113883.5.4
7-S	DOSEDURH	Dose-Duration High Alert	2.16.840.1.113883.5.4
8-L	DOSEDURHIND	Dose-Duration High for Indication Alert	2.16.840.1.113883.5.4
7-S	DOSEDURL	Dose-Duration Low Alert	2.16.840.1.113883.5.4
8-L	DOSEDURLIND	Dose-Duration Low for Indication Alert	2.16.840.1.113883.5.4
6-S	DOSEH	High Dose Alert	2.16.840.1.113883.5.4
7-L	DOSEHINDA	High Dose for Age Alert	2.16.840.1.113883.5.4
7-L	DOSEHIND	High Dose for Indication Alert	2.16.840.1.113883.5.4
7-L	DOSEHINDSA	High Dose for Height/Surface Area Alert	2.16.840.1.113883.5.4
7-L	DOSEHINDW	High Dose for Weight Alert	2.16.840.1.113883.5.4
6-S	DOSEIVL	Dose-Interval Alert	2.16.840.1.113883.5.4
7-L	DOSEIVLIND	Dose-Interval for Indication Alert	2.16.840.1.113883.5.4
6-S	DOSEL	Low Dose Alert	2.16.840.1.113883.5.4
7-L	DOSELINDA	Low Dose for Age Alert	2.16.840.1.113883.5.4
7-L	DOSELIND	Low Dose for Indication Alert	2.16.840.1.113883.5.4
7-L	DOSELINDSA	Low Dose for Height/Surface Area Alert	2.16.840.1.113883.5.4
7-L	DOSELINDW	Low Dose for Weight Alert	2.16.840.1.113883.5.4

6-L	MDOSE	maximum dosage reached	2.16.840.1.113883.5.4
5-S	OBSA	Observation Alert	2.16.840.1.113883.5.4
6-S	AGE	Age Alert	2.16.840.1.113883.5.4
7-L	DOSEHINDA	High Dose for Age Alert	2.16.840.1.113883.5.4
7-L	DOSELINDA	Low Dose for Age Alert	2.16.840.1.113883.5.4
6-S	COND	Condition Alert	2.16.840.1.113883.5.4
7-L	HGHT	HGHT	2.16.840.1.113883.5.4
7-L	LACT	Lactation Alert	2.16.840.1.113883.5.4
7-L	PREG	Pregnancy Alert	2.16.840.1.113883.5.4
7-L	WGHT	WGHT	2.16.840.1.113883.5.4
6-L	CREACT	common reaction alert	2.16.840.1.113883.5.4
6-L	GEN	Genetic Alert	2.16.840.1.113883.5.4
6-L	GEND	Gender Alert	2.16.840.1.113883.5.4
6-L	LAB	Lab Alert	2.16.840.1.113883.5.4
6-S	REACT	Reaction Alert	2.16.840.1.113883.5.4
7-L	ALGY	Allergy Alert	2.16.840.1.113883.5.4
7-L	INT	Intolerance Alert	2.16.840.1.113883.5.4
6-S	RREACT	Related Reaction Alert	2.16.840.1.113883.5.4
7-L	RALG	Related Allergy Alert	2.16.840.1.113883.5.4
7-L	RAR	Related Prior Reaction Alert	2.16.840.1.113883.5.4
7-L	RINT	Related Intolerance Alert	2.16.840.1.113883.5.4
5-L	BUS	business constraint violation	2.16.840.1.113883.5.4

5-S	CODE_INVALID	code is not valid	2.16.840.1.113883.5.4
6-L	CODE_DEPRECATED	code has been deprecated	2.16.840.1.113883.5.4
5-L	FORMAT	invalid format	2.16.840.1.113883.5.4
5-L	ILLEGAL	illegal	2.16.840.1.113883.5.4
5-S	LEN_RANGE	length out of range	2.16.840.1.113883.5.4
6-L	LEN_LONG	length is too long	2.16.840.1.113883.5.4
6-L	LEN_SHORT	length is too short	2.16.840.1.113883.5.4
5-L	MISSCOND	conditional element missing	2.16.840.1.113883.5.4
5-L	MISSMAND	mandatory element missing	2.16.840.1.113883.5.4
5-L	NODUPS	duplicate values are not permitted	2.16.840.1.113883.5.4
5-L	NOPERSIST	element will not be persisted	2.16.840.1.113883.5.4
5-S	REP_RANGE	repetitions out of range	2.16.840.1.113883.5.4
6-L	MAXOCCURS	repetitions above maximum	2.16.840.1.113883.5.4
6-L	MINOCCURS	repetitions below minimum	2.16.840.1.113883.5.4
3-A	_ActAdministrativeRuleDetectedIssueCode	ActAdministrativeRuleDetectedIssueCode	2.16.840.1.113883.5.4
4-L	KEY204	Unknown key identifier	2.16.840.1.113883.5.4
4-L	KEY205	Duplicate key identifier	2.16.840.1.113883.5.4
4-L	KEY206	non-matching identification	2.16.840.1.113883.5.4
4-L	OBSOLETE	obsolete record returned	2.16.840.1.113883.5.4
2-A	_ActSuppliedItemDetectedIssueCode	ActSuppliedItemDetectedIssueCode	2.16.840.1.113883.5.4
3-A	_AdministrationDetectedIssueCode	AdministrationDetectedIssueCode	2.16.840.1.113883.5.4
4-A	_AppropriatenessDetectedIssueCode	AppropriatenessDetectedIssueCode	2.16.840.1.113883.5.4

5-A	_InteractionDetectedIssueCode	InteractionDetectedIssueCode	2.16.840.1.113883.5.4
6-L	FOOD	Food Interaction Alert	2.16.840.1.113883.5.4
6-S	TPROD	Therapeutic Product Alert	2.16.840.1.113883.5.4
7-L	DRG	Drug Interaction Alert	2.16.840.1.113883.5.4
7-L	NHP	Natural Health Product Alert	2.16.840.1.113883.5.4
7-L	NONRX	Non-Prescription Interaction Alert	2.16.840.1.113883.5.4
5-S	OBSA	Observation Alert	2.16.840.1.113883.5.4
6-S	AGE	Age Alert	2.16.840.1.113883.5.4
7-L	DOSEHINDA	High Dose for Age Alert	2.16.840.1.113883.5.4
7-L	DOSELINDA	Low Dose for Age Alert	2.16.840.1.113883.5.4
6-S	COND	Condition Alert	2.16.840.1.113883.5.4
7-L	HGHT	HGHT	2.16.840.1.113883.5.4
7-L	LACT	Lactation Alert	2.16.840.1.113883.5.4
7-L	PREG	Pregnancy Alert	2.16.840.1.113883.5.4
7-L	WGHT	WGHT	2.16.840.1.113883.5.4
6-L	CREACT	common reaction alert	2.16.840.1.113883.5.4
6-L	GEN	Genetic Alert	2.16.840.1.113883.5.4
6-L	GEND	Gender Alert	2.16.840.1.113883.5.4
6-L	LAB	Lab Alert	2.16.840.1.113883.5.4
6-S	REACT	Reaction Alert	2.16.840.1.113883.5.4
7-L	ALGY	Allergy Alert	2.16.840.1.113883.5.4
7-L	INT	Intolerance Alert	2.16.840.1.113883.5.4

6-S	RREACT	Related Reaction Alert	2.16.840.1.113883.5.4
7-L	RALG	Related Allergy Alert	2.16.840.1.113883.5.4
7-L	RAR	Related Prior Reaction Alert	2.16.840.1.113883.5.4
7-L	RINT	Related Intolerance Alert	2.16.840.1.113883.5.4
5-L	PREVINEF	previously ineffective	2.16.840.1.113883.5.4
4-S	COMPLY	Compliance Alert	2.16.840.1.113883.5.4
5-S	DUPTHPY	Duplicate Therapy Alert	2.16.840.1.113883.5.4
6-L	DUPTHPCLS	duplicate therapeutic class alert	2.16.840.1.113883.5.4
6-L	DUPTHPGEN	duplicate generic alert	2.16.840.1.113883.5.4
5-L	ABUSE	commonly abused/misused alert	2.16.840.1.113883.5.4
5-L	FRAUD	potential fraud	2.16.840.1.113883.5.4
5-L	PLYDOC	Poly-orderer Alert	2.16.840.1.113883.5.4
5-L	PLYPHRM	Poly-supplier Alert Poly-pharmacy Alert	2.16.840.1.113883.5.4
4-L	DACT	drug action detected issue	2.16.840.1.113883.5.4
4-S	DOSE	Dosage problem	2.16.840.1.113883.5.4
5-L	DOSECOND	dosage-condition alert	2.16.840.1.113883.5.4
5-S	DOSEDUR	Dose-Duration Alert	2.16.840.1.113883.5.4
6-S	DOSEDURH	Dose-Duration High Alert	2.16.840.1.113883.5.4
7-L	DOSEDURHIND	Dose-Duration High for Indication Alert	2.16.840.1.113883.5.4
6-S	DOSEDURL	Dose-Duration Low Alert	2.16.840.1.113883.5.4
7-L	DOSEDURLIND	Dose-Duration Low for Indication Alert	2.16.840.1.113883.5.4
5-S	DOSEH	High Dose Alert	2.16.840.1.113883.5.4

6-L	DOSEHINDA	High Dose for Age Alert	2.16.840.1.113883.5.4
6-L	DOSEHIND	High Dose for Indication Alert	2.16.840.1.113883.5.4
6-L	DOSEHINDSA	High Dose for Height/Surface Area Alert	2.16.840.1.113883.5.4
6-L	DOSEHINDW	High Dose for Weight Alert	2.16.840.1.113883.5.4
5-S	DOSEIVL	Dose-Interval Alert	2.16.840.1.113883.5.4
6-L	DOSEIVLIND	Dose-Interval for Indication Alert	2.16.840.1.113883.5.4
5-S	DOSEL	Low Dose Alert	2.16.840.1.113883.5.4
6-L	DOSELINDA	Low Dose for Age Alert	2.16.840.1.113883.5.4
6-L	DOSELIND	Low Dose for Indication Alert	2.16.840.1.113883.5.4
6-L	DOSELINDSA	Low Dose for Height/Surface Area Alert	2.16.840.1.113883.5.4
6-L	DOSELINDW	Low Dose for Weight Alert	2.16.840.1.113883.5.4
5-L	MDOSE	maximum dosage reached	2.16.840.1.113883.5.4
4-S	DUPTHPY	Duplicate Therapy Alert	2.16.840.1.113883.5.4
5-L	DUPTHPCLS	duplicate therapeutic class alert	2.16.840.1.113883.5.4
5-L	DUPTHPGEN	duplicate generic alert	2.16.840.1.113883.5.4
4-S	TIME	timing detected issue	2.16.840.1.113883.5.4
5-L	ALRTENDLATE	end too late alert	2.16.840.1.113883.5.4
5-L	ALRTSTRTLATE	start too late alert	2.16.840.1.113883.5.4
3-A	_SupplyDetectedIssueCode	SupplyDetectedIssueCode	2.16.840.1.113883.5.4
4-L	ALLDONE	already performed	2.16.840.1.113883.5.4
4-S	FULFIL	fulfillment alert	2.16.840.1.113883.5.4
5-L	NOTACTN	no longer actionable	2.16.840.1.113883.5.4

5-S	NOTEQUIV	not equivalent alert	2.16.840.1.113883.5.4
6-L	NOTEQUIVGEN	not generically equivalent alert	2.16.840.1.113883.5.4
6-L	NOTEQUIVOTHER	not therapeutically equivalent alert	2.16.840.1.113883.5.4
5-S	TIMING	event timing incorrect alert	2.16.840.1.113883.5.4
6-L	INTERVAL	outside requested time	2.16.840.1.113883.5.4
6-L	MINFREQ	too soon within frequency based on the usage	2.16.840.1.113883.5.4
4-L	HELD	held/suspended alert	2.16.840.1.113883.5.4
4-L	TOOLATE	Refill Too Late Alert	2.16.840.1.113883.5.4
4-L	TOOSOON	Refill Too Soon Alert	2.16.840.1.113883.5.4
3-L	HISTORIC	record recorded as historical	2.16.840.1.113883.5.4
3-S	PATPREF	violates stated preferences	2.16.840.1.113883.5.4
4-L	PATPREFALT	violates stated preferences, alternate available	2.16.840.1.113883.5.4
1-L	KSUBJ	knowledge subject	2.16.840.1.113883.5.4
1-L	KSUBT	knowledge subtopic	2.16.840.1.113883.5.4
1-S	OINT	intolerance	2.16.840.1.113883.5.4
2-S	ALG	Allergy	2.16.840.1.113883.5.4
3-L	DALG	Drug Allergy	2.16.840.1.113883.5.4
3-L	EALG	Environmental Allergy	2.16.840.1.113883.5.4
3-L	FALG	Food Allergy	2.16.840.1.113883.5.4
2-S	DINT	Drug Intolerance	2.16.840.1.113883.5.4
3-L	DALG	Drug Allergy	2.16.840.1.113883.5.4
3-L	DNAINT	Drug Non-Allergy Intolerance	2.16.840.1.113883.5.4





2-S	EINT	Environmental Intolerance	2.16.840.1.113883.5.4
3-L	EALG	Environmental Allergy	2.16.840.1.113883.5.4
3-L	ENAIN	Environmental Non-Allergy Intolerance	2.16.840.1.113883.5.4
2-S	FINT	Food Intolerance	2.16.840.1.113883.5.4
3-L	FALG	Food Allergy	2.16.840.1.113883.5.4
3-L	FNAINT	Food Non-Allergy Intolerance	2.16.840.1.113883.5.4
2-S	NAINT	Non-Allergy Intolerance	2.16.840.1.113883.5.4
3-L	DNAINT	Drug Non-Allergy Intolerance	2.16.840.1.113883.5.4
3-L	ENAIN	Environmental Non-Allergy Intolerance	2.16.840.1.113883.5.4
3-L	FNAINT	Food Non-Allergy Intolerance	2.16.840.1.113883.5.4
1-L	SEV	Severity Observation	2.16.840.1.113883.5.4
1-L	ADMDX	admitting diagnosis	2.16.840.1.113883.5.4
1-L	DISDX	discharge diagnosis	2.16.840.1.113883.5.4
1-L	INTDX	intermediate diagnosis	2.16.840.1.113883.5.4
1-L	NOI	nature of injury	2.16.840.1.113883.5.4
0-L	57024-2	Health Quality Measure Document	2.16.840.1.113883.6.1
0-L	57025-9	Data Criteria section	2.16.840.1.113883.6.1
0-L	57026-7	Population Criteria section	2.16.840.1.113883.6.1
0-L	57027-5	Measure Observations section	2.16.840.1.113883.6.1
1-A	_ECGObservationSeriesType	ECGObservationSeriesType	2.16.840.1.113883.5.4
2-L	REPRESENTATIVE_BEAT	ECG representative beat waveforms	2.16.840.1.113883.5.4
2-L	RHYTHM	ECG rhythm waveforms	2.16.840.1.113883.5.4

1-L	TIME_ABSOLUTE	absolute time sequence	2.16.840.1.113883.5.4
1-L	TIME_RELATIVE	relative time sequence	2.16.840.1.113883.5.4
1-S	_ActPatientAnnotationType	ActPatientAnnotationType	2.16.840.1.113883.5.4
2-L	ANNDI	diagnostic image note	2.16.840.1.113883.5.4
2-L	ANNGEN	general note	2.16.840.1.113883.5.4
2-L	ANNIMM	immunization note	2.16.840.1.113883.5.4
2-L	ANNLAB	laboratory note	2.16.840.1.113883.5.4
2-L	ANNMED	medication note	2.16.840.1.113883.5.4
0-S	OINT	intolerance	2.16.840.1.113883.5.4
1-S	ALG	Allergy	2.16.840.1.113883.5.4
1-S	DINT	Drug Intolerance	2.16.840.1.113883.5.4
1-S	EINT	Environmental Intolerance	2.16.840.1.113883.5.4
1-S	FINT	Food Intolerance	2.16.840.1.113883.5.4
1-S	NAINT	Non-Allergy Intolerance	2.16.840.1.113883.5.4
0-A	_ObservationIssueTriggerCodedObservationType	ObservationIssueTriggerCodedObservationType	2.16.840.1.113883.5.4
1-A	_CaseTransmissionMode	case transmission mode	2.16.840.1.113883.5.4
0-L	REP_HALF_LIFE	representative half-life	2.16.840.1.113883.5.4
0-L	SPLCOATING	coating	2.16.840.1.113883.5.4
0-L	SPLCOLOR	color	2.16.840.1.113883.5.4
0-L	SPLIMAGE	image	2.16.840.1.113883.5.4
0-L	SPLIMPRINT	imprint	2.16.840.1.113883.5.4
0-L	SPLSCORING	scoring	2.16.840.1.113883.5.4

0-L	SPLSHAPE	shape	2.16.840.1.113883.5.4
0-L	SPLSIZE	size	2.16.840.1.113883.5.4
0-L	SPLSYMBOL	symbol	2.16.840.1.113883.5.4
0-L	21611-9	age patient qn est	2.16.840.1.113883.5.4
0-L	21612-7	age patient qn reported	2.16.840.1.113883.5.4
0-L	29553-5	age patient qn calc	2.16.840.1.113883.5.4
0-L	30525-0	age patient qn definition	2.16.840.1.113883.5.4
0-L	30972-4	age at onset of adverse event	2.16.840.1.113883.5.4
0-A	_GeneticObservationType	GeneticObservationType	2.16.840.1.113883.5.4
1-L	GENE	gene	2.16.840.1.113883.5.4

Legenda: Type L=leaf, S=specializable, A=abstract, D=deprecated. NullFlavors to appear in @nullFlavor attribute instead of @code.

6.1.35 ParticipationFunction 2.16.840.1.113883.1.11.10267 - 2014-03-26 (DEFN=UV=VO=1360-20160323) (from repository: ad2bbr-)

Id	2.16.840.1.113883.1.11.10267  ad2bbr-	Effective Date	2014-03-26 Other versions this id: <ul style="list-style-type: none">  ParticipationFunctionDEFN=UV=VO=1099-20110726 - as of 2011-07-26  ad2bbr-
Status	 Final	Version Label	DEFN=UV=VO=1360-20160323
Name	ParticipationFunction	Display Name	ParticipationFunction
Description	<p>History description 2014-03-26: Lock all vaue sets untouched since 2014-03-26 to trackingId 2014T1_2014_03_26</p> <p>description:</p> <p>This code is used to specify the exact function an actor had in a service in all necessary detail. This domain may include local extensions (CWE).</p>		

Source Code System		2.16.840.1.113883.5.88	
Level/ Type	Code	Display Name	Code System
0-A	_AuthorizedParticipationFunction	AuthorizedParticipationFunction	2.16.840.1.113883.5.88
1-A	_AuthorizedReceiverParticipationFunction	AuthorizedReceiverParticipationFunction	2.16.840.1.113883.5.88
2-L	AUCG	caregiver information receiver	2.16.840.1.113883.5.88
2-L	AULR	legitimate relationship information receiver	2.16.840.1.113883.5.88
2-L	AUTM	care team information receiver	2.16.840.1.113883.5.88
2-L	AUWA	work area information receiver	2.16.840.1.113883.5.88
1-A	_ConsenterParticipationFunction	ConsenterParticipationFunction	2.16.840.1.113883.5.88
2-L	GRDCON	legal guardian consent author	2.16.840.1.113883.5.88
2-L	POACON	healthcare power of attorney consent author	2.16.840.1.113883.5.88
2-L	PRCON	personal representative consent author	2.16.840.1.113883.5.88
2-L	PROMSK	authorized provider masking author	2.16.840.1.113883.5.88
2-L	SUBCON	subject of consent author	2.16.840.1.113883.5.88
1-A	_OverrideParticipationFunction	OverrideParticipationFunction	2.16.840.1.113883.5.88
2-L	AUCOV	consent override	2.16.840.1.113883.5.88
2-L	AUEMROV	emergency override	2.16.840.1.113883.5.88
0-A	_CoverageParticipationFunction	CoverageParticipationFunction	2.16.840.1.113883.5.88
1-A	_PayorParticipationFunction	PayorParticipationFunction	2.16.840.1.113883.5.88
2-L	CLMADJ	claims adjudication	2.16.840.1.113883.5.88
2-L	ENROLL	enrollment broker	2.16.840.1.113883.5.88
2-L	FFSMGT	ffs management	2.16.840.1.113883.5.88

2-L	MCMGT	managed care management	2.16.840.1.113883.5.88
2-L	PROVMGT	provider management	2.16.840.1.113883.5.88
2-L	UMGT	utilization management	2.16.840.1.113883.5.88
1-A	_SponsorParticipationFunction	SponsorParticipationFunction	2.16.840.1.113883.5.88
2-L	FULINRD	fully insured	2.16.840.1.113883.5.88
2-L	SELFINRD	self insured	2.16.840.1.113883.5.88
1-A	_UnderwriterParticipationFunction	UnderwriterParticipationFunction	2.16.840.1.113883.5.88
2-L	PAYORCNTR	payor contracting	2.16.840.1.113883.5.88
2-L	REINS	reinsures	2.16.840.1.113883.5.88
2-L	RETROCES	retrocessionaires	2.16.840.1.113883.5.88
2-L	SUBCTRT	subcontracting risk	2.16.840.1.113883.5.88
2-L	UNDERWRTNG	underwriting	2.16.840.1.113883.5.88
0-L	ADMPHYS	admitting physician	2.16.840.1.113883.5.88
0-L	ANEST	anesthetist	2.16.840.1.113883.5.88
0-L	ANRS	anesthesia nurse	2.16.840.1.113883.5.88
0-L	ASSEMBLER	assembly software	2.16.840.1.113883.5.88
0-L	ATTPHYS	attending physician	2.16.840.1.113883.5.88
0-L	COMPOSER	composer software	2.16.840.1.113883.5.88
0-L	DISPHYS	discharging physician	2.16.840.1.113883.5.88
0-L	FASST	first assistant surgeon	2.16.840.1.113883.5.88
0-L	MDWF	midwife	2.16.840.1.113883.5.88
0-L	NASST	nurse assistant	2.16.840.1.113883.5.88

0-L	PCP	primary care physician	2.16.840.1.113883.5.88
0-L	PRISURG	primary surgeon	2.16.840.1.113883.5.88
0-L	REVIEWER	reviewer	2.16.840.1.113883.5.88
0-L	RNDPHYS	rounding physician	2.16.840.1.113883.5.88
0-L	SASST	second assistant surgeon	2.16.840.1.113883.5.88
0-L	SNRS	scrub nurse	2.16.840.1.113883.5.88
0-L	TASST	third assistant	2.16.840.1.113883.5.88

Legenda: Type L=leaf, S=specializable, A=abstract, D=deprecated. NullFlavors to appear in @nullFlavor attribute instead of @code.

6.1.36 ○ ParticipationFunction 2.16.840.1.113883.1.11.10267 - 2011-07-26 (DEFN=UV=VO=1099-20110726) ref (from repository: ad2bbr-)

Id	2.16.840.1.113883.1.11.10267 ref ad2bbr-	Effective Date	2011-07-26 Other versions this id: <ul style="list-style-type: none"> ● ParticipationFunctionDEFN=UV=VO=1360-20160323 - as of 2014-03-26 ref ad2bbr-
Status	● Final	Version Label	DEFN=UV=VO=1099-20110726
Name	ParticipationFunction	Display Name	ParticipationFunction
Description	description: This code is used to specify the exact function an actor had in a service in all necessary detail. This domain may include local extensions (CWE).		
Source Code System	2.16.840.1.113883.5.88		





Level/ Type	Code	Display Name	Code System
0-A	_AuthorizedParticipationFunction	AuthorizedParticipationFunction	2.16.840.1.113883.5.88
1-A	_AuthorizedReceiverParticipationFunction	AuthorizedReceiverParticipationFunction	2.16.840.1.113883.5.88

2-L	AUCG	caregiver information receiver	2.16.840.1.113883.5.88
2-L	AULR	legitimate relationship information receiver	2.16.840.1.113883.5.88
2-L	AUTM	care team information receiver	2.16.840.1.113883.5.88
2-L	AUWA	work area information receiver	2.16.840.1.113883.5.88
1-A	_ConsenterParticipationFunction	ConsenterParticipationFunction	2.16.840.1.113883.5.88
2-L	GRDCON	legal guardian consent author	2.16.840.1.113883.5.88
2-L	POACON	healthcare power of attorney consent author	2.16.840.1.113883.5.88
2-L	PRCON	personal representative consent author	2.16.840.1.113883.5.88
2-L	PROMSK	authorized provider masking author	2.16.840.1.113883.5.88
2-L	SUBCON	subject of consent author	2.16.840.1.113883.5.88
1-A	_OverrideParticipationFunction	OverrideParticipationFunction	2.16.840.1.113883.5.88
2-L	AUCOV	consent override	2.16.840.1.113883.5.88
2-L	AUEMROV	emergency override	2.16.840.1.113883.5.88
0-A	_CoverageParticipationFunction	CoverageParticipationFunction	2.16.840.1.113883.5.88
1-A	_PayorParticipationFunction	PayorParticipationFunction	2.16.840.1.113883.5.88
2-L	CLMADJ	claims adjudication	2.16.840.1.113883.5.88
2-L	ENROLL	enrollment broker	2.16.840.1.113883.5.88
2-L	FFSMGT	ffs management	2.16.840.1.113883.5.88
2-L	MCMGT	managed care management	2.16.840.1.113883.5.88
2-L	PROVMGT	provider management	2.16.840.1.113883.5.88
2-L	UMGT	utilization management	2.16.840.1.113883.5.88
1-A	_SponsorParticipationFunction	SponsorParticipationFunction	2.16.840.1.113883.5.88

2-L	FULINRD	fully insured	2.16.840.1.113883.5.88
2-L	SELFINRD	self insured	2.16.840.1.113883.5.88
1-A	_UnderwriterParticipationFunction	UnderwriterParticipationFunction	2.16.840.1.113883.5.88
2-L	PAYORCNTR	payor contracting	2.16.840.1.113883.5.88
2-L	REINS	reinsures	2.16.840.1.113883.5.88
2-L	RETROCES	retrocessionaires	2.16.840.1.113883.5.88
2-L	SUBCTRT	subcontracting risk	2.16.840.1.113883.5.88
2-L	UNDERWRTNG	underwriting	2.16.840.1.113883.5.88
0-L	ADMPHYS	admitting physician	2.16.840.1.113883.5.88
0-L	ANEST	anesthetist	2.16.840.1.113883.5.88
0-L	ANRS	anesthesia nurse	2.16.840.1.113883.5.88
0-L	ATTPHYS	attending physician	2.16.840.1.113883.5.88
0-L	DISPHYS	discharging physician	2.16.840.1.113883.5.88
0-L	FASST	first assistant surgeon	2.16.840.1.113883.5.88
0-L	MDWF	midwife	2.16.840.1.113883.5.88
0-L	NASST	nurse assistant	2.16.840.1.113883.5.88
0-L	PCP	primary care physician	2.16.840.1.113883.5.88
0-L	PRISURG	primary surgeon	2.16.840.1.113883.5.88
0-L	RNDPHYS	rounding physician	2.16.840.1.113883.5.88
0-L	SASST	second assistant surgeon	2.16.840.1.113883.5.88
0-L	SNRS	scrub nurse	2.16.840.1.113883.5.88
0-L	TASST	third assistant	2.16.840.1.113883.5.88

Legenda: Type L=leaf, S=specializable, A=abstract, D=deprecated. NullFlavors to appear in @nullFlavor attribute instead of @code.

6.1.37 ○ ParticipationMode 2.16.840.1.113883.1.11.16543 - 2014-03-26 (DEFN=UV=VO=1360-20160323) (from repository: ad2bbr-)





Id	2.16.840.1.113883.1.11.16543  ad2bbr-	Effective Date	2014-03-26 Other versions this id: <ul style="list-style-type: none">  ParticipationModeDEFN=UV=VO=1099-20110726 - as of 2011-07-26  ad2bbr-
Status	 Final	Version Label	DEFN=UV=VO=1360-20160323
Name	ParticipationMode	Display Name	ParticipationMode
Description	<p>History description 2014-03-26: Lock all vaue sets untouched since 2014-03-26 to trackingId 2014T1_2014_03_26</p> <p>description: Identifies the primary means by which an Entity participates in an Act.</p>		
Source Code System	2.16.840.1.113883.5.1064		

Level/ Type	Code	Display Name	Code System
0-L	PHYSICAL	physical presence	2.16.840.1.113883.5.1064
0-L	REMOTE	remote presence	2.16.840.1.113883.5.1064
0-S	VERBAL	verbal	2.16.840.1.113883.5.1064
1-L	DICTATE	dictated	2.16.840.1.113883.5.1064
1-L	FACE	face-to-face	2.16.840.1.113883.5.1064
1-L	PHONE	telephone	2.16.840.1.113883.5.1064
1-L	VIDEOCONF	videoconferencing	2.16.840.1.113883.5.1064
0-S	WRITTEN	written	2.16.840.1.113883.5.1064

1-L	FAXWRIT	telefax	2.16.840.1.113883.5.1064
1-L	HANDWRIT	handwritten	2.16.840.1.113883.5.1064
1-L	MAILWRIT	mail	2.16.840.1.113883.5.1064
1-S	ONLINEWRIT	online written	2.16.840.1.113883.5.1064
2-L	EMAILWRIT	email	2.16.840.1.113883.5.1064
1-L	TYPEWRIT	typewritten	2.16.840.1.113883.5.1064
0-L	ELECTRONIC	electronic data	2.16.840.1.113883.5.1064
0-L	PHYSICAL	physical presence	2.16.840.1.113883.5.1064
0-S	VERBAL	verbal	2.16.840.1.113883.5.1064

Legenda: Type L=leaf, S=specializable, A=abstract, D=deprecated. NullFlavors to appear in @nullFlavor attribute instead of @code.

6.1.38 ○ ParticipationMode 2.16.840.1.113883.1.11.16543 - 2011-07-26 (DEFN=UV=VO=1099-20110726) (from repository: ad2bbr-)


Id	2.16.840.1.113883.1.11.16543  ad2bbr-	Effective Date	2011-07-26 Other versions this id: <ul style="list-style-type: none">  ParticipationModeDEFN=UV=VO=1360-20160323 - as of 2014-03-26  ad2bbr-
Status	 Final	Version Label	DEFN=UV=VO=1099-20110726
Name	ParticipationMode	Display Name	ParticipationMode
Description	description: Identifies the primary means by which an Entity participates in an Act.		
Source Code System	2.16.840.1.113883.5.1064		
Level/ Type	Code	Display Name	Code System

0-L	PHYSICAL	physical presence	2.16.840.1.113883.5.1064
0-L	REMOTE	remote presence	2.16.840.1.113883.5.1064
0-S	VERBAL	verbal	2.16.840.1.113883.5.1064
1-L	DICTATE	dictated	2.16.840.1.113883.5.1064
1-L	FACE	face-to-face	2.16.840.1.113883.5.1064
1-L	PHONE	telephone	2.16.840.1.113883.5.1064
1-L	VIDEOCONF	videoconferencing	2.16.840.1.113883.5.1064
0-S	WRITTEN	written	2.16.840.1.113883.5.1064
1-L	EMAILWRIT	email	2.16.840.1.113883.5.1064
1-L	FAXWRIT	telefax	2.16.840.1.113883.5.1064
1-L	HANDWRIT	handwritten	2.16.840.1.113883.5.1064
1-L	TYPEWRIT	typewritten	2.16.840.1.113883.5.1064
0-L	ELECTRONIC	electronic data	2.16.840.1.113883.5.1064
0-L	PHYSICAL	physical presence	2.16.840.1.113883.5.1064
0-S	VERBAL	verbal	2.16.840.1.113883.5.1064

Legenda: Type L=leaf, S=specializable, A=abstract, D=deprecated. NullFlavors to appear in @nullFlavor attribute instead of @code.

6.1.39 ○ ParticipationSignature 2.16.840.1.113883.1.11.10282 - 2014-03-26 (DEFN=UV=VO=1360-20160323) ref (from repository: ad2bbr-)

Id	2.16.840.1.113883.1.11.10282 <small>ref</small> ad2bbr-	Effective Date	2014-03-26 Other versions this id: <ul style="list-style-type: none"> ● ParticipationSignatureDEFN=UV=VO=1099-20110726 -
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			as of 2011-07-26 ref ad2bbr-
Status	 Final	Version Label	DEFN=UV=VO=1360-20160323
Name	ParticipationSignature	Display Name	ParticipationSignature
Description	<p>History description 2014-03-26: Lock all vaue sets untouched since 2014-03-26 to trackingId 2014T1_2014_03_26</p> <p>description:</p> <p>A code specifying whether and how the participant has attested his participation through a signature and or whether such a signature is needed.</p> <p><i>Examples:</i> A surgical Procedure act object (representing a procedure report) requires a signature of the performing and responsible surgeon, and possibly other participants. (See also: Participation.signatureText.)</p>		
Source Code System	2.16.840.1.113883.5.89		

Level/ Type	Code	Display Name	Code System
0-L	I	intended	2.16.840.1.113883.5.89
0-L	S	signed	2.16.840.1.113883.5.89
0-L	X	required	2.16.840.1.113883.5.89

Legenda: Type L=leaf, S=specializable, A=abstract, D=deprecated. NullFlavors to appear in @nullFlavor attribute instead of @code.

6.1.40 ParticipationSignature 2.16.840.1.113883.1.11.10282 - 2011-07-26 (DEFN=UV=VO=1099-20110726) [ref](#) (from repository: ad2bbr-)

Id	2.16.840.1.113883.1.11.10282 ref ad2bbr-	Effective Date	2011-07-26 Other versions this id: <ul style="list-style-type: none">  ParticipationSignatureDEFN=UV=VO=1360-20160323 - as of 2014-03-26 ref ad2bbr-
Status	 Final	Version Label	DEFN=UV=VO=1099-20110726
Name	ParticipationSignature	Display Name	ParticipationSignature

Description	description: A code specifying whether and how the participant has attested his participation through a signature and or whether such a signature is needed. <i>Examples:</i> A surgical Procedure act object (representing a procedure report) requires a signature of the performing and responsible surgeon, and possibly other participants. (See also: Participation.signatureText.)		
Source Code System	2.16.840.1.113883.5.89		
Level/ Type	Code	Display Name	Code System
0-L	I	intended	2.16.840.1.113883.5.89
0-L	S	signed	2.16.840.1.113883.5.89
0-L	X	required	2.16.840.1.113883.5.89

Legenda: Type L=leaf, S=specializable, A=abstract, D=deprecated. NullFlavors to appear in @nullFlavor attribute instead of @code.

6.1.41 ○ ParticipationType 2.16.840.1.113883.1.11.10901 - 2014-03-26 (DEFN=UV=VO=1360-20160323) ref (from repository: ad2bbr-)

Id	2.16.840.1.113883.1.11.10901 ref ad2bbr-	Effective Date	2014-03-26 Other versions this id: <ul style="list-style-type: none"> ● ParticipationTypeDEFN=UV=VO=1099-20110726 - as of 2011-07-26 ref ad2bbr-
Status	● Final	Version Label	DEFN=UV=VO=1360-20160323
Name	ParticipationType	Display Name	ParticipationType
Description	History description 2014-03-26: Lock all vaue sets untouched since 2014-03-26 to trackingId 2014T1_2014_03_26 description: A code specifying the meaning and purpose of every Participation instance. Each of its values implies specific constraints on the Roles undertaking the participation.		
Source Code System	2.16.840.1.113883.5.90		

Level/ Type	Code	Display Name	Code System
0-S	PART	Participation	2.16.840.1.113883.5.90
1-A	_ParticipationAncillary	ParticipationAncillary	2.16.840.1.113883.5.90
2-L	ADM	admitter	2.16.840.1.113883.5.90
2-L	ATND	attender	2.16.840.1.113883.5.90
2-L	CALLBCK	callback contact	2.16.840.1.113883.5.90
2-L	CON	consultant	2.16.840.1.113883.5.90
2-L	DIS	discharger	2.16.840.1.113883.5.90
2-L	ESC	escort	2.16.840.1.113883.5.90
2-L	REF	referrer	2.16.840.1.113883.5.90
1-A	_ParticipationInformationGenerator	ParticipationInformationGenerator	2.16.840.1.113883.5.90
2-L	AUT	author (originator)	2.16.840.1.113883.5.90
2-L	INF	informant	2.16.840.1.113883.5.90
2-S	TRANS	Transcriber	2.16.840.1.113883.5.90
3-L	ENT	data entry person	2.16.840.1.113883.5.90
2-L	WIT	witness	2.16.840.1.113883.5.90
1-L	CST	custodian	2.16.840.1.113883.5.90
1-S	DIR	direct target	2.16.840.1.113883.5.90
2-L	ALY	analyte	2.16.840.1.113883.5.90
2-L	BBY	baby	2.16.840.1.113883.5.90
2-L	CAT	catalyst	2.16.840.1.113883.5.90
2-S	CSM	consumable	2.16.840.1.113883.5.90



2-S	DEV	device	2.16.840.1.113883.5.90
3-L	NRD	non-reuseable device	2.16.840.1.113883.5.90
3-L	RDV	reusable device	2.16.840.1.113883.5.90
2-L	DON	donor	2.16.840.1.113883.5.90
2-L	EXPAGNT	ExposureAgent	2.16.840.1.113883.5.90
2-S	EXPART	ExposureParticipation	2.16.840.1.113883.5.90
3-L	EXPTRGT	ExposureTarget	2.16.840.1.113883.5.90
3-L	EXSRC	ExposureSource	2.16.840.1.113883.5.90
2-L	PRD	product	2.16.840.1.113883.5.90
2-S	SBJ	subject	2.16.840.1.113883.5.90
3-L	SPC	specimen	2.16.840.1.113883.5.90
1-S	IND	indirect target	2.16.840.1.113883.5.90
2-L	BEN	beneficiary	2.16.840.1.113883.5.90
2-L	CAGNT	causative agent	2.16.840.1.113883.5.90
2-L	COV	coverage target	2.16.840.1.113883.5.90
2-L	GUAR	guarantor party	2.16.840.1.113883.5.90
2-L	HLD	holder	2.16.840.1.113883.5.90
2-L	RCT	record target	2.16.840.1.113883.5.90
2-L	RCV	receiver	2.16.840.1.113883.5.90
1-S	IRCP	information recipient	2.16.840.1.113883.5.90
2-L	NOT	urgent notification contact	2.16.840.1.113883.5.90
2-L	PRCP	primary information recipient	2.16.840.1.113883.5.90

2-L	REFB	Referred By	2.16.840.1.113883.5.90
2-L	REFT	Referred to	2.16.840.1.113883.5.90
2-L	TRC	tracker	2.16.840.1.113883.5.90
1-S	LOC	location	2.16.840.1.113883.5.90
2-L	DST	destination	2.16.840.1.113883.5.90
2-L	ELOC	entry location	2.16.840.1.113883.5.90
2-L	ORG	origin	2.16.840.1.113883.5.90
2-L	RML	remote	2.16.840.1.113883.5.90
2-L	VIA	via	2.16.840.1.113883.5.90
1-S	PRF	performer	2.16.840.1.113883.5.90
2-L	DIST	distributor	2.16.840.1.113883.5.90
2-L	PPRF	primary performer	2.16.840.1.113883.5.90
2-L	SPRF	secondary performer	2.16.840.1.113883.5.90
1-L	RESP	responsible party	2.16.840.1.113883.5.90
1-S	VRF	verifier	2.16.840.1.113883.5.90
2-L	AUTHEN	authenticator	2.16.840.1.113883.5.90
2-L	LA	legal authenticator	2.16.840.1.113883.5.90

Legenda: Type L=leaf, S=specializable, A=abstract, D=deprecated. NullFlavors to appear in @nullFlavor attribute instead of @code.

6.1.42 ParticipationType 2.16.840.1.113883.1.11.10901 - 2011-07-26 (DEFN=UV=VO=1099-20110726) ref (from repository: ad2bbr-)

Id	2.16.840.1.113883.1.11.10901 ref ad2bbr-	Effective Date	2011-07-26
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			Other versions this id:
			<ul style="list-style-type: none">  ParticipationTypeDEFN=UV=VO=1360-20160323 - as of 2014-03-26 ref ad2bbr-
Status	 Final	Version Label	DEFN=UV=VO=1099-20110726
Name	ParticipationType	Display Name	ParticipationType
Description	<p>description:</p> <p>A code specifying the meaning and purpose of every Participation instance. Each of its values implies specific constraints on the Roles undertaking the participation.</p>		
Source Code System	2.16.840.1.113883.5.90		

Level/ Type	Code	Display Name	Code System
0-S	PART	Participation	2.16.840.1.113883.5.90
1-A	_ParticipationAncillary	ParticipationAncillary	2.16.840.1.113883.5.90
2-L	ADM	admitter	2.16.840.1.113883.5.90
2-L	ATND	attender	2.16.840.1.113883.5.90
2-L	CALLBCK	callback contact	2.16.840.1.113883.5.90
2-L	CON	consultant	2.16.840.1.113883.5.90
2-L	DIS	discharger	2.16.840.1.113883.5.90
2-L	ESC	escort	2.16.840.1.113883.5.90
2-L	REF	referrer	2.16.840.1.113883.5.90
1-A	_ParticipationInformationGenerator	ParticipationInformationGenerator	2.16.840.1.113883.5.90
2-L	AUT	author (originator)	2.16.840.1.113883.5.90
2-L	INF	informant	2.16.840.1.113883.5.90
2-S	TRANS	Transcriber	2.16.840.1.113883.5.90

3-L	ENT	data entry person	2.16.840.1.113883.5.90
2-L	WIT	witness	2.16.840.1.113883.5.90
1-L	CST	custodian	2.16.840.1.113883.5.90
1-S	DIR	direct target	2.16.840.1.113883.5.90
2-L	ALY	analyte	2.16.840.1.113883.5.90
2-L	BBY	baby	2.16.840.1.113883.5.90
2-L	CAT	catalyst	2.16.840.1.113883.5.90
2-S	CSM	consumable	2.16.840.1.113883.5.90
2-S	DEV	device	2.16.840.1.113883.5.90
3-L	NRD	non-reuseable device	2.16.840.1.113883.5.90
3-L	RDV	reusable device	2.16.840.1.113883.5.90
2-L	DON	donor	2.16.840.1.113883.5.90
2-L	EXPAGNT	ExposureAgent	2.16.840.1.113883.5.90
2-S	EXPART	ExposureParticipation	2.16.840.1.113883.5.90
3-L	EXPTRGT	ExposureTarget	2.16.840.1.113883.5.90
3-L	EXSRC	ExposureSource	2.16.840.1.113883.5.90
2-L	PRD	product	2.16.840.1.113883.5.90
2-S	SBJ	subject	2.16.840.1.113883.5.90
3-L	SPC	specimen	2.16.840.1.113883.5.90
1-S	IND	indirect target	2.16.840.1.113883.5.90
2-L	BEN	beneficiary	2.16.840.1.113883.5.90
2-L	CAGNT	causative agent	2.16.840.1.113883.5.90

2-L	COV	coverage target	2.16.840.1.113883.5.90
2-L	GUAR	guarantor party	2.16.840.1.113883.5.90
2-L	HLD	holder	2.16.840.1.113883.5.90
2-L	RCT	record target	2.16.840.1.113883.5.90
2-L	RCV	receiver	2.16.840.1.113883.5.90
1-S	IRCP	information recipient	2.16.840.1.113883.5.90
2-L	NOT	urgent notification contact	2.16.840.1.113883.5.90
2-L	PRCP	primary information recipient	2.16.840.1.113883.5.90
2-L	REFB	Referred By	2.16.840.1.113883.5.90
2-L	REFT	Referred to	2.16.840.1.113883.5.90
2-L	TRC	tracker	2.16.840.1.113883.5.90
1-S	LOC	location	2.16.840.1.113883.5.90
2-L	DST	destination	2.16.840.1.113883.5.90
2-L	ELOC	entry location	2.16.840.1.113883.5.90
2-L	ORG	origin	2.16.840.1.113883.5.90
2-L	RML	remote	2.16.840.1.113883.5.90
2-L	VIA	via	2.16.840.1.113883.5.90
1-S	PRF	performer	2.16.840.1.113883.5.90
2-L	DIST	distributor	2.16.840.1.113883.5.90
2-L	PPRF	primary performer	2.16.840.1.113883.5.90
2-L	SPRF	secondary performer	2.16.840.1.113883.5.90
1-L	RESP	responsible party	2.16.840.1.113883.5.90

1-S	VRF	verifier	2.16.840.1.113883.5.90
2-L	AUTHEN	authenticator	2.16.840.1.113883.5.90
2-L	LA	legal authenticator	2.16.840.1.113883.5.90

Legenda: Type L=leaf, S=specializable, A=abstract, D=deprecated. NullFlavors to appear in @nullFlavor attribute instead of @code.

6.1.43 ○ PersonalRelationshipRoleType 2.16.840.1.113883.1.11.19563 - 2014-03-26 (DEFN=UV=VO=1360-20160323) ref (from repository: ad2bbr-)

Id	2.16.840.1.113883.1.11.19563 ref ad2bbr-	Effective Date	2014-03-26 Other versions this id: <ul style="list-style-type: none"> PersonalRelationshipRoleTypeDEFN=UV=VO=1099-20110726 - as of 2011-07-26 ref ad2bbr-
Status	Final	Version Label	DEFN=UV=VO=1360-20160323
Name	PersonalRelationshipRoleType	Display Name	PersonalRelationshipRoleType
Description	<p>History description 2014-03-26: Lock all vaue sets untouched since 2014-03-26 to trackingId 2014T1_2014_03_26</p> <p>description: Types of personal relationships between two living subjects. <i>Example:</i> Parent, sibling, unrelated friend, neighbor</p>		
Source Code System	2.16.840.1.113883.5.111		

Level/ Type	Code	Display Name	Code System
1-S	FAMMEMB	family member	2.16.840.1.113883.5.111
2-S	CHILD	child	2.16.840.1.113883.5.111
3-S	CHLDADOPT	adopted child	2.16.840.1.113883.5.111

4-L	DAUADOPT	adopted daughter	2.16.840.1.113883.5.111
4-L	SONADOPT	adopted son	2.16.840.1.113883.5.111
3-S	CHLDFOST	foster child	2.16.840.1.113883.5.111
4-L	DAUFOST	foster daughter	2.16.840.1.113883.5.111
4-L	SONFOST	foster son	2.16.840.1.113883.5.111
3-S	DAUC	daughter	2.16.840.1.113883.5.111
4-L	DAUADOPT	adopted daughter	2.16.840.1.113883.5.111
4-L	DAUFOST	foster daughter	2.16.840.1.113883.5.111
4-L	DAU	natural daughter	2.16.840.1.113883.5.111
4-L	STPDAU	stepdaughter	2.16.840.1.113883.5.111
3-S	NCHILD	natural child	2.16.840.1.113883.5.111
4-L	DAU	natural daughter	2.16.840.1.113883.5.111
4-L	SON	natural son	2.16.840.1.113883.5.111
3-S	SONC	son	2.16.840.1.113883.5.111
4-L	SONADOPT	adopted son	2.16.840.1.113883.5.111
4-L	SONFOST	foster son	2.16.840.1.113883.5.111
4-L	SON	natural son	2.16.840.1.113883.5.111
4-L	STPSON	stepson	2.16.840.1.113883.5.111
3-S	STPCHLD	step child	2.16.840.1.113883.5.111
4-L	STPDAU	stepdaughter	2.16.840.1.113883.5.111
4-L	STPSON	stepson	2.16.840.1.113883.5.111
2-S	EXT	extended family member	2.16.840.1.113883.5.111

3-S	AUNT	aunt	2.16.840.1.113883.5.111
4-L	MAUNT	maternal aunt	2.16.840.1.113883.5.111
4-L	PAUNT	paternal aunt	2.16.840.1.113883.5.111
3-S	COUSN	cousin	2.16.840.1.113883.5.111
4-L	MCOUSN	maternal cousin	2.16.840.1.113883.5.111
4-L	PCOUSN	paternal cousin	2.16.840.1.113883.5.111
3-S	GGRPRN	great grandparent	2.16.840.1.113883.5.111
4-S	GGRFTH	great grandfather	2.16.840.1.113883.5.111
5-L	MGGRFTH	maternal great-grandfather	2.16.840.1.113883.5.111
5-L	PGGRFTH	paternal great-grandfather	2.16.840.1.113883.5.111
4-S	GGRMTH	great grandmother	2.16.840.1.113883.5.111
5-L	MGGRMTH	maternal great-grandmother	2.16.840.1.113883.5.111
5-L	PGGRMTH	paternal great-grandmother	2.16.840.1.113883.5.111
4-S	MGGRPRN	maternal great-grandparent	2.16.840.1.113883.5.111
5-L	MGGRFTH	maternal great-grandfather	2.16.840.1.113883.5.111
5-L	MGGRMTH	maternal great-grandmother	2.16.840.1.113883.5.111
4-S	PGGRPRN	paternal great-grandparent	2.16.840.1.113883.5.111
5-L	PGGRFTH	paternal great-grandfather	2.16.840.1.113883.5.111
5-L	PGGRMTH	paternal great-grandmother	2.16.840.1.113883.5.111
3-S	GRNDCHILD	grandchild	2.16.840.1.113883.5.111
4-L	GRNDDAU	granddaughter	2.16.840.1.113883.5.111
4-L	GRNDSO	grandson	2.16.840.1.113883.5.111

3-S	GRPRN	grandparent	2.16.840.1.113883.5.111
4-S	GRFTH	grandfather	2.16.840.1.113883.5.111
5-L	MGRFTH	maternal grandfather	2.16.840.1.113883.5.111
5-L	PGRFTH	paternal grandfather	2.16.840.1.113883.5.111
4-S	GRMTH	grandmother	2.16.840.1.113883.5.111
5-L	MGRMTH	maternal grandmother	2.16.840.1.113883.5.111
5-L	PGRMTH	paternal grandmother	2.16.840.1.113883.5.111
4-S	MGRPRN	maternal grandparent	2.16.840.1.113883.5.111
5-L	MGRFTH	maternal grandfather	2.16.840.1.113883.5.111
5-L	MGRMTH	maternal grandmother	2.16.840.1.113883.5.111
4-S	PGRPRN	paternal grandparent	2.16.840.1.113883.5.111
5-L	PGRFTH	paternal grandfather	2.16.840.1.113883.5.111
5-L	PGRMTH	paternal grandmother	2.16.840.1.113883.5.111
3-S	INLAW	inlaw	2.16.840.1.113883.5.111
4-S	CHLDINLAW	child-in-law	2.16.840.1.113883.5.111
5-L	DAUINLAW	daughter in-law	2.16.840.1.113883.5.111
5-L	SONINLAW	son in-law	2.16.840.1.113883.5.111
4-S	PRNINLAW	parent in-law	2.16.840.1.113883.5.111
5-L	FTHINLAW	father-in-law	2.16.840.1.113883.5.111
5-L	MTHINLAW	mother-in-law	2.16.840.1.113883.5.111
4-S	SIBINLAW	sibling in-law	2.16.840.1.113883.5.111
5-L	BROINLAW	brother-in-law	2.16.840.1.113883.5.111

5-L	SISINLAW	sister-in-law	2.16.840.1.113883.5.111
3-S	NIENEPH	niece/nephew	2.16.840.1.113883.5.111
4-L	NEPHEW	nephew	2.16.840.1.113883.5.111
4-L	NIECE	niece	2.16.840.1.113883.5.111
3-S	UNCLE	uncle	2.16.840.1.113883.5.111
4-L	MUNCLE	maternal uncle	2.16.840.1.113883.5.111
4-L	PUNCLE	paternal uncle	2.16.840.1.113883.5.111
2-S	PRN	parent	2.16.840.1.113883.5.111
3-S	ADOPTP	adoptive parent	2.16.840.1.113883.5.111
4-L	ADOPTF	adoptive father	2.16.840.1.113883.5.111
4-L	ADOPTM	adoptive mother	2.16.840.1.113883.5.111
3-S	FTH	father	2.16.840.1.113883.5.111
4-L	ADOPTF	adoptive father	2.16.840.1.113883.5.111
4-L	FTHFOST	foster father	2.16.840.1.113883.5.111
4-S	NFTH	natural father	2.16.840.1.113883.5.111
5-L	NFTHF	natural father of fetus	2.16.840.1.113883.5.111
4-L	STPFTH	stepfather	2.16.840.1.113883.5.111
3-S	MTH	mother	2.16.840.1.113883.5.111
4-L	ADOPTM	adoptive mother	2.16.840.1.113883.5.111
4-L	GESTM	gestational mother	2.16.840.1.113883.5.111
4-L	MTHFOST	foster mother	2.16.840.1.113883.5.111
4-S	NMTH	natural mother	2.16.840.1.113883.5.111





5-L	NMTHF	natural mother of fetus	2.16.840.1.113883.5.111
4-L	STPMTH	stepmother	2.16.840.1.113883.5.111
3-S	NPRN	natural parent	2.16.840.1.113883.5.111
4-S	NFTH	natural father	2.16.840.1.113883.5.111
5-L	NFTHF	natural father of fetus	2.16.840.1.113883.5.111
4-S	NMTH	natural mother	2.16.840.1.113883.5.111
5-L	NMTHF	natural mother of fetus	2.16.840.1.113883.5.111
3-S	PRNFOST	foster parent	2.16.840.1.113883.5.111
4-L	FTHFOST	foster father	2.16.840.1.113883.5.111
4-L	MTHFOST	foster mother	2.16.840.1.113883.5.111
3-S	STPPRN	step parent	2.16.840.1.113883.5.111
4-L	STPFTH	stepfather	2.16.840.1.113883.5.111
4-L	STPMTH	stepmother	2.16.840.1.113883.5.111
2-S	SIB	sibling	2.16.840.1.113883.5.111
3-S	BRO	brother	2.16.840.1.113883.5.111
4-L	HBRO	half-brother	2.16.840.1.113883.5.111
4-S	NBRO	natural brother	2.16.840.1.113883.5.111
5-S	TWINBRO	twin brother	2.16.840.1.113883.5.111
6-L	FTWINBRO	fraternal twin brother	2.16.840.1.113883.5.111
6-L	ITWINBRO	identical twin brother	2.16.840.1.113883.5.111
4-L	STPBRO	stepbrother	2.16.840.1.113883.5.111
3-S	HSIB	half-sibling	2.16.840.1.113883.5.111

4-L	HBRO	half-brother	2.16.840.1.113883.5.111
4-L	HSIS	half-sister	2.16.840.1.113883.5.111
3-S	NSIB	natural sibling	2.16.840.1.113883.5.111
4-S	NBRO	natural brother	2.16.840.1.113883.5.111
5-S	TWINBRO	twin brother	2.16.840.1.113883.5.111
6-L	FTWINBRO	fraternal twin brother	2.16.840.1.113883.5.111
6-L	ITWINBRO	identical twin brother	2.16.840.1.113883.5.111
4-S	NSIS	natural sister	2.16.840.1.113883.5.111
5-S	TWINSIS	twin sister	2.16.840.1.113883.5.111
6-L	FTWINSIS	fraternal twin sister	2.16.840.1.113883.5.111
6-L	ITWINSIS	identical twin sister	2.16.840.1.113883.5.111
4-S	TWIN	twin	2.16.840.1.113883.5.111
5-S	TWINBRO	twin brother	2.16.840.1.113883.5.111
6-L	FTWINBRO	fraternal twin brother	2.16.840.1.113883.5.111
6-L	ITWINBRO	identical twin brother	2.16.840.1.113883.5.111
5-S	TWINSIS	twin sister	2.16.840.1.113883.5.111
6-L	FTWINSIS	fraternal twin sister	2.16.840.1.113883.5.111
6-L	ITWINSIS	identical twin sister	2.16.840.1.113883.5.111
5-S	FTWIN	fraternal twin	2.16.840.1.113883.5.111
6-L	FTWINBRO	fraternal twin brother	2.16.840.1.113883.5.111
6-L	FTWINSIS	fraternal twin sister	2.16.840.1.113883.5.111
5-S	ITWIN	identical twin	2.16.840.1.113883.5.111

6-L	ITWINBRO	identical twin brother	2.16.840.1.113883.5.111
6-L	ITWINSIS	identical twin sister	2.16.840.1.113883.5.111
3-S	SIS	sister	2.16.840.1.113883.5.111
4-L	HSIS	half-sister	2.16.840.1.113883.5.111
4-S	NSIS	natural sister	2.16.840.1.113883.5.111
5-S	TWINSIS	twin sister	2.16.840.1.113883.5.111
6-L	FTWINSIS	fraternal twin sister	2.16.840.1.113883.5.111
6-L	ITWINSIS	identical twin sister	2.16.840.1.113883.5.111
4-L	STPSIS	stepsister	2.16.840.1.113883.5.111
3-S	STPSIB	step sibling	2.16.840.1.113883.5.111
4-L	STPBRO	stepbrother	2.16.840.1.113883.5.111
4-L	STPSIS	stepsister	2.16.840.1.113883.5.111
2-S	SIGOTHR	significant other	2.16.840.1.113883.5.111
3-L	DOMPART	domestic partner	2.16.840.1.113883.5.111
3-L	FMRSPS	former spouse	2.16.840.1.113883.5.111
3-S	SPS	spouse	2.16.840.1.113883.5.111
4-L	HUSB	husband	2.16.840.1.113883.5.111
4-L	WIFE	wife	2.16.840.1.113883.5.111
1-L	FRND	unrelated friend	2.16.840.1.113883.5.111
1-L	NBOR	neighbor	2.16.840.1.113883.5.111
1-L	ONESELF	self	2.16.840.1.113883.5.111
1-L	ROOM	Roommate	2.16.840.1.113883.5.111

Legenda: Type L=leaf, S=specializable, A=abstract, D=deprecated. NullFlavors to appear in @nullFlavor attribute instead of @code.

6.1.44 PersonalRelationshipRoleType 2.16.840.1.113883.1.11.19563 - 2011-07-26 (DEFN=UV=VO=1099-20110726) (from repository: ad2bbr-)

Id	2.16.840.1.113883.1.11.19563  ad2bbr-	Effective Date	2011-07-26 Other versions this id: <ul style="list-style-type: none">  PersonalRelationshipRoleTypeDEFN=UV=VO=1360-20160323 - as of 2014-03-26  ad2bbr-
Status	 Final	Version Label	DEFN=UV=VO=1099-20110726
Name	PersonalRelationshipRoleType	Display Name	PersonalRelationshipRoleType
Description	<p>description:</p> <p>Types of personal relationships between two living subjects.</p> <p><i>Example:</i> Parent, sibling, unrelated friend, neighbor</p>		
Source Code System	2.16.840.1.113883.5.111		

Level/ Type	Code	Display Name	Code System
1-S	FAMMEMB	Family Member	2.16.840.1.113883.5.111
2-S	CHILD	Child	2.16.840.1.113883.5.111
3-S	CHLDADOPT	adopted child	2.16.840.1.113883.5.111
4-L	DAUADOPT	adopted daughter	2.16.840.1.113883.5.111
4-L	SONADOPT	adopted son	2.16.840.1.113883.5.111
3-S	CHLDFOST	foster child	2.16.840.1.113883.5.111
4-L	DAUFOST	foster daughter	2.16.840.1.113883.5.111

4-L	SONFOST	foster son	2.16.840.1.113883.5.111
3-S	CHLDINLAW	child in-law	2.16.840.1.113883.5.111
4-L	DAUINLAW	daughter in-law	2.16.840.1.113883.5.111
4-L	SONINLAW	son in-law	2.16.840.1.113883.5.111
3-S	DAUC	Daughter	2.16.840.1.113883.5.111
4-L	DAUADOPT	adopted daughter	2.16.840.1.113883.5.111
4-L	DAUFOST	foster daughter	2.16.840.1.113883.5.111
4-L	DAU	natural daughter Daughter	2.16.840.1.113883.5.111
4-L	STPDAU	stepdaughter	2.16.840.1.113883.5.111
3-S	NCHILD	natural child	2.16.840.1.113883.5.111
4-L	DAU	natural daughter Daughter	2.16.840.1.113883.5.111
4-L	SON	natural son Son	2.16.840.1.113883.5.111
3-S	SONC	son	2.16.840.1.113883.5.111
4-L	SONADOPT	adopted son	2.16.840.1.113883.5.111
4-L	SONFOST	foster son	2.16.840.1.113883.5.111
4-L	SON	natural son Son	2.16.840.1.113883.5.111
4-L	STPSON	stepson	2.16.840.1.113883.5.111
3-S	STPCHLD	step child	2.16.840.1.113883.5.111
4-L	STPDAU	stepdaughter	2.16.840.1.113883.5.111
4-L	STPSON	stepson	2.16.840.1.113883.5.111
2-S	EXT	extended family member	2.16.840.1.113883.5.111
3-S	AUNT	aunt	2.16.840.1.113883.5.111

4-L	MAUNT	MaternalAunt	2.16.840.1.113883.5.111
4-L	PAUNT	PaternalAunt	2.16.840.1.113883.5.111
3-S	COUSN	cousin	2.16.840.1.113883.5.111
4-L	MCOUSN	MaternalCousin	2.16.840.1.113883.5.111
4-L	PCOUSN	PaternalCousin	2.16.840.1.113883.5.111
3-S	GGRPRN	great grandparent	2.16.840.1.113883.5.111
4-L	GGRFTH	great grandfather	2.16.840.1.113883.5.111
4-L	GGRMTH	great grandmother	2.16.840.1.113883.5.111
4-L	MGGRFTH	MaternalGreatgrandfather	2.16.840.1.113883.5.111
4-L	MGGRMTH	MaternalGreatgrandmother	2.16.840.1.113883.5.111
4-L	MGGRPRN	MaternalGreatgrandparent	2.16.840.1.113883.5.111
4-L	PGGRFTH	PaternalGreatgrandfather	2.16.840.1.113883.5.111
4-L	PGGRMTH	PaternalGreatgrandmother	2.16.840.1.113883.5.111
4-L	PGGRPRN	PaternalGreatgrandparent	2.16.840.1.113883.5.111
3-S	GRNDCHILD	grandchild	2.16.840.1.113883.5.111
4-L	GRNDDAU	granddaughter	2.16.840.1.113883.5.111
4-L	GRNDSO	grandson	2.16.840.1.113883.5.111
3-S	GRPRN	Grandparent	2.16.840.1.113883.5.111
4-L	GRFTH	Grandfather	2.16.840.1.113883.5.111
4-L	GRMTH	Grandmother	2.16.840.1.113883.5.111
4-L	MGRFTH	MaternalGrandfather	2.16.840.1.113883.5.111
4-L	MGRMTH	MaternalGrandmother	2.16.840.1.113883.5.111



4-L	MGRPRN	MaternalGrandparent	2.16.840.1.113883.5.111
4-L	PGRFTH	PaternalGrandfather	2.16.840.1.113883.5.111
4-L	PGRMTH	PaternalGrandmother	2.16.840.1.113883.5.111
4-L	PGRPRN	PaternalGrandparent	2.16.840.1.113883.5.111
3-S	NIENEPH	niece/nephew	2.16.840.1.113883.5.111
4-L	NEPHEW	nephew	2.16.840.1.113883.5.111
4-L	NIECE	niece	2.16.840.1.113883.5.111
3-S	UNCLE	uncle	2.16.840.1.113883.5.111
4-L	MUNCLE	MaternalUncle	2.16.840.1.113883.5.111
4-L	PUNCLE	PaternalUncle	2.16.840.1.113883.5.111
2-S	PRN	Parent	2.16.840.1.113883.5.111
3-L	FTH	Father	2.16.840.1.113883.5.111
3-L	MTH	Mother	2.16.840.1.113883.5.111
3-S	NPRN	natural parent	2.16.840.1.113883.5.111
4-S	NFTH	natural father	2.16.840.1.113883.5.111
5-L	NFTHF	natural father of fetus	2.16.840.1.113883.5.111
4-L	NMTH	natural mother	2.16.840.1.113883.5.111
3-S	PRNINLAW	parent in-law	2.16.840.1.113883.5.111
4-L	FTHINLAW	father-in-law	2.16.840.1.113883.5.111
4-L	MTHINLAW	mother-in-law	2.16.840.1.113883.5.111
3-S	STPPRN	step parent	2.16.840.1.113883.5.111
4-L	STPFTH	stepfather	2.16.840.1.113883.5.111

4-L	STPMTH	stepmother	2.16.840.1.113883.5.111
2-S	SIB	Sibling	2.16.840.1.113883.5.111
3-L	BRO	Brother	2.16.840.1.113883.5.111
3-S	HSIB	half-sibling	2.16.840.1.113883.5.111
4-L	HBRO	half-brother	2.16.840.1.113883.5.111
4-L	HSIS	half-sister	2.16.840.1.113883.5.111
3-S	NSIB	natural sibling	2.16.840.1.113883.5.111
4-L	NBRO	natural brother	2.16.840.1.113883.5.111
4-L	NSIS	natural sister	2.16.840.1.113883.5.111
3-S	SIBINLAW	sibling in-law	2.16.840.1.113883.5.111
4-L	BROINLAW	brother-in-law	2.16.840.1.113883.5.111
4-L	SISINLAW	sister-in-law	2.16.840.1.113883.5.111
3-L	SIS	Sister	2.16.840.1.113883.5.111
3-S	STPSIB	step sibling	2.16.840.1.113883.5.111
4-L	STPBRO	stepbrother	2.16.840.1.113883.5.111
4-L	STPSIS	stepsister	2.16.840.1.113883.5.111
2-S	SIGOTHR	significant other	2.16.840.1.113883.5.111
3-L	DOMPART	domestic partner	2.16.840.1.113883.5.111
3-S	SPS	spouse	2.16.840.1.113883.5.111
4-L	HUSB	husband	2.16.840.1.113883.5.111
4-L	WIFE	wife	2.16.840.1.113883.5.111
1-L	FRND	unrelated friend	2.16.840.1.113883.5.111

1-L	NBOR	neighbor	2.16.840.1.113883.5.111
1-L	ROOM	Roommate	2.16.840.1.113883.5.111

Legenda: Type L=leaf, S=specializable, A=abstract, D=deprecated. NullFlavors to appear in @nullFlavor attribute instead of @code.





6.1.45 ROIOverlayShape 2.16.840.1.113883.1.11.16117 - 2014-03-26 (DEFN=UV=VO=1360-20160323) ref (from repository: ad2bbr-)

Id	2.16.840.1.113883.1.11.16117 ref ad2bbr-	Effective Date	2014-03-26 Other versions this id: <ul style="list-style-type: none">  ROIOverlayShapeDEFN=UV=VO=1099-20110726 - as of 2011-07-26 ref ad2bbr-
Status	 Final	Version Label	DEFN=UV=VO=1360-20160323
Name	ROIOverlayShape	Display Name	ROIOverlayShape
Description	<p>History description 2014-03-26: Lock all vaue sets untouched since 2014-03-26 to trackingId 2014T1_2014_03_26</p> <p>description: Shape of the region on the object being referenced</p>		
Source Code System	2.16.840.1.113883.5.4		

Level/ Type	Code	Display Name	Code System
1-L	CIRCLE	circle	2.16.840.1.113883.5.4
1-L	ELLIPSE	ellipse	2.16.840.1.113883.5.4
1-L	POINT	point	2.16.840.1.113883.5.4
1-L	POLY	polyline	2.16.840.1.113883.5.4




Legenda: Type L=leaf, S=specializable, A=abstract, D=deprecated. NullFlavors to appear in @nullFlavor attribute instead of @code.


6.1.46 ROIOverlayShape 2.16.840.1.113883.1.11.16117 - 2011-07-26 (DEFN=UV=VO=1099-20110726) (from repository: ad2bbr-)

Id	2.16.840.1.113883.1.11.16117  ad2bbr-	Effective Date	2011-07-26 Other versions this id: <ul style="list-style-type: none">  ROIOverlayShapeDEFN=UV=VO=1360-20160323 - as of 2014-03-26  ad2bbr-
Status	 Final	Version Label	DEFN=UV=VO=1099-20110726
Name	ROIOverlayShape	Display Name	ROIOverlayShape
Description	description: Shape of the region on the object being referenced		
Source Code System	2.16.840.1.113883.5.4		
Level/ Type	Code	Display Name	Code System
1-L	CIRCLE	circle	2.16.840.1.113883.5.4
1-L	ELLIPSE	ellipse	2.16.840.1.113883.5.4
1-L	POINT	point	2.16.840.1.113883.5.4
1-L	POLY	polyline	2.16.840.1.113883.5.4

Legenda: Type L=leaf, S=specializable, A=abstract, D=deprecated. NullFlavors to appear in @nullFlavor attribute instead of @code.

6.1.47 Race 2.16.840.1.113883.1.11.14914 - 2014-03-26 (DEFN=UV=VO=1360-20160323) (from repository: ad2bbr-)

Id	2.16.840.1.113883.1.11.14914  ad2bbr-	Effective Date	2014-03-26 Other versions this id: <ul style="list-style-type: none">  RaceDEFN=UV=VO=1099-20110726 - as of 2011-07-26  ad2bbr-
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Status	 Final	Version Label	DEFN=UV=VO=1360-20160323
Name	Race	Display Name	Race
Description	<p>History description 2014-03-26: Lock all vaue sets untouched since 2014-03-26 to trackingId 2014T1_2014_03_26</p> <p>description:</p> <p>In the United States, federal standards for classifying data on race determine the categories used by federal agencies and exert a strong influence on categorization by state and local agencies and private sector organizations. The federal standards do not conceptually define race, and they recognize the absence of an anthropological or scientific basis for racial classification. Instead, the federal standards acknowledge that race is a social-political construct in which an individual's own identification with one more race categories is preferred to observer identification. The standards use a variety of features to define five minimum race categories. Among these features are descent from "the original peoples" of a specified region or nation. The minimum race categories are American Indian or Alaska Native, Asian, Black or African American, Native Hawaiian or Other Pacific Islander, and White. The federal standards stipulate that race data need not be limited to the five minimum categories, but any expansion must be collapsible to those categories.</p>		
Source Code System	2.16.840.1.113883.5.104		

Level/ Type	Code	Display Name	Code System
0-L	2131-1	Other Race	2.16.840.1.113883.5.104
0-S	1002-5	American Indian or Alaska Native	2.16.840.1.113883.5.104
1-S	1004-1	American Indian	2.16.840.1.113883.5.104
2-L	1006-6	Abenaki	2.16.840.1.113883.5.104
2-L	1008-2	Algonquian	2.16.840.1.113883.5.104
2-S	1010-8	Apache	2.16.840.1.113883.5.104
3-L	1011-6	Chiricahua	2.16.840.1.113883.5.104
3-L	1012-4	Fort Sill Apache	2.16.840.1.113883.5.104
3-L	1013-2	Jicarilla Apache	2.16.840.1.113883.5.104
3-L	1014-0	Lipan Apache	2.16.840.1.113883.5.104
3-L	1015-7	Mescalero Apache	2.16.840.1.113883.5.104

3-L	1016-5	Oklahoma Apache	2.16.840.1.113883.5.104
3-L	1017-3	Payson Apache	2.16.840.1.113883.5.104
3-L	1018-1	San Carlos Apache	2.16.840.1.113883.5.104
3-L	1019-9	White Mountain Apache	2.16.840.1.113883.5.104
2-S	1021-5	Arapaho	2.16.840.1.113883.5.104
3-L	1022-3	Northern Arapaho	2.16.840.1.113883.5.104
3-L	1023-1	Southern Arapaho	2.16.840.1.113883.5.104
3-L	1024-9	Wind River Arapaho	2.16.840.1.113883.5.104
2-L	1026-4	Arikara	2.16.840.1.113883.5.104
2-L	1028-0	Assiniboine	2.16.840.1.113883.5.104
2-S	1030-6	Assiniboine Sioux	2.16.840.1.113883.5.104
3-L	1031-4	Fort Peck Assiniboine Sioux	2.16.840.1.113883.5.104
2-L	1033-0	Bannock	2.16.840.1.113883.5.104
2-L	1035-5	Blackfeet	2.16.840.1.113883.5.104
2-L	1037-1	Brotherton	2.16.840.1.113883.5.104
2-L	1039-7	Burt Lake Band	2.16.840.1.113883.5.104
2-S	1041-3	Caddo	2.16.840.1.113883.5.104
3-L	1042-1	Oklahoma Cado	2.16.840.1.113883.5.104
2-S	1044-7	Cahuilla	2.16.840.1.113883.5.104
3-L	1045-4	Agua Caliente Cahuilla	2.16.840.1.113883.5.104
3-L	1046-2	Augustine	2.16.840.1.113883.5.104
3-L	1047-0	Cabazon	2.16.840.1.113883.5.104

3-L	1048-8	Los Coyotes	2.16.840.1.113883.5.104
3-L	1049-6	Morongo	2.16.840.1.113883.5.104
3-L	1050-4	Santa Rosa Cahuilla	2.16.840.1.113883.5.104
3-L	1051-2	Torres-Martinez	2.16.840.1.113883.5.104
2-S	1053-8	California Tribes	2.16.840.1.113883.5.104
3-L	1054-6	Cahto	2.16.840.1.113883.5.104
3-L	1055-3	Chimariko	2.16.840.1.113883.5.104
3-L	1056-1	Coast Miwok	2.16.840.1.113883.5.104
3-L	1057-9	Digger	2.16.840.1.113883.5.104
3-L	1058-7	Kawaiisu	2.16.840.1.113883.5.104
3-L	1059-5	Kern River	2.16.840.1.113883.5.104
3-L	1060-3	Mattole	2.16.840.1.113883.5.104
3-L	1061-1	Red Wood	2.16.840.1.113883.5.104
3-L	1062-9	Santa Rosa	2.16.840.1.113883.5.104
3-L	1063-7	Takelma	2.16.840.1.113883.5.104
3-L	1064-5	Wappo	2.16.840.1.113883.5.104
3-L	1065-2	Yana	2.16.840.1.113883.5.104
3-L	1066-0	Yuki	2.16.840.1.113883.5.104
2-S	1068-6	Canadian and Latin American Indian	2.16.840.1.113883.5.104
3-L	1069-4	Canadian Indian	2.16.840.1.113883.5.104
3-L	1070-2	Central American Indian	2.16.840.1.113883.5.104
3-L	1071-0	French American Indian	2.16.840.1.113883.5.104

3-L	1072-8	Mexican American Indian	2.16.840.1.113883.5.104
3-L	1073-6	South American Indian	2.16.840.1.113883.5.104
2-L	1074-4	Spanish American Indian	2.16.840.1.113883.5.104
2-S	1076-9	Catawba	2.16.840.1.113883.5.104
3-L	1741-8	Alatna	2.16.840.1.113883.5.104
3-L	1742-6	Alexander	2.16.840.1.113883.5.104
3-L	1743-4	Allakaket	2.16.840.1.113883.5.104
3-L	1744-2	Alanvik	2.16.840.1.113883.5.104
3-L	1745-9	Anvik	2.16.840.1.113883.5.104
3-L	1746-7	Arctic	2.16.840.1.113883.5.104
3-L	1747-5	Beaver	2.16.840.1.113883.5.104
3-L	1748-3	Birch Creek	2.16.840.1.113883.5.104
3-L	1749-1	Cantwell	2.16.840.1.113883.5.104
3-L	1750-9	Chalkyitsik	2.16.840.1.113883.5.104
3-L	1751-7	Chickaloon	2.16.840.1.113883.5.104
3-L	1752-5	Chistochina	2.16.840.1.113883.5.104
3-L	1753-3	Chitina	2.16.840.1.113883.5.104
3-L	1754-1	Circle	2.16.840.1.113883.5.104
3-L	1755-8	Cook Inlet	2.16.840.1.113883.5.104
3-L	1756-6	Copper Center	2.16.840.1.113883.5.104
3-L	1757-4	Copper River	2.16.840.1.113883.5.104
3-L	1758-2	Dot Lake	2.16.840.1.113883.5.104

3-L	1759-0	Doyon	2.16.840.1.113883.5.104
3-L	1760-8	Eagle	2.16.840.1.113883.5.104
3-L	1761-6	Eklutna	2.16.840.1.113883.5.104
3-L	1762-4	Evansville	2.16.840.1.113883.5.104
3-L	1763-2	Fort Yukon	2.16.840.1.113883.5.104
3-L	1764-0	Gakona	2.16.840.1.113883.5.104
3-L	1765-7	Galena	2.16.840.1.113883.5.104
3-L	1766-5	Grayling	2.16.840.1.113883.5.104
3-L	1767-3	Gulkana	2.16.840.1.113883.5.104
3-L	1768-1	Healy Lake	2.16.840.1.113883.5.104
3-L	1769-9	Holy Cross	2.16.840.1.113883.5.104
3-L	1770-7	Hughes	2.16.840.1.113883.5.104
3-L	1771-5	Huslia	2.16.840.1.113883.5.104
3-L	1772-3	Iliamna	2.16.840.1.113883.5.104
3-L	1773-1	Kaltag	2.16.840.1.113883.5.104
3-L	1774-9	Kluti Kaah	2.16.840.1.113883.5.104
3-L	1775-6	Knik	2.16.840.1.113883.5.104
3-L	1776-4	Koyukuk	2.16.840.1.113883.5.104
3-L	1777-2	Lake Minchumina	2.16.840.1.113883.5.104
3-L	1778-0	Lime	2.16.840.1.113883.5.104
3-L	1779-8	Mcgrath	2.16.840.1.113883.5.104
3-L	1780-6	Manley Hot Springs	2.16.840.1.113883.5.104

3-L	1781-4	Mentasta Lake	2.16.840.1.113883.5.104
3-L	1782-2	Minto	2.16.840.1.113883.5.104
3-L	1783-0	Nenana	2.16.840.1.113883.5.104
3-L	1784-8	Nikolai	2.16.840.1.113883.5.104
3-L	1785-5	Ninilchik	2.16.840.1.113883.5.104
3-L	1786-3	Nondalton	2.16.840.1.113883.5.104
3-L	1787-1	Northway	2.16.840.1.113883.5.104
3-L	1788-9	Nulato	2.16.840.1.113883.5.104
3-L	1789-7	Pedro Bay	2.16.840.1.113883.5.104
3-L	1790-5	Rampart	2.16.840.1.113883.5.104
3-L	1791-3	Ruby	2.16.840.1.113883.5.104
3-L	1792-1	Salamatof	2.16.840.1.113883.5.104
3-L	1793-9	Seldovia	2.16.840.1.113883.5.104
3-L	1794-7	Slana	2.16.840.1.113883.5.104
3-L	1795-4	Shageluk	2.16.840.1.113883.5.104
3-L	1796-2	Stevens	2.16.840.1.113883.5.104
3-L	1797-0	Stony River	2.16.840.1.113883.5.104
3-L	1798-8	Takotna	2.16.840.1.113883.5.104
3-L	1799-6	Tanacross	2.16.840.1.113883.5.104
3-L	1800-2	Tanaina	2.16.840.1.113883.5.104
3-L	1801-0	Tanana	2.16.840.1.113883.5.104
3-L	1802-8	Tanana Chiefs	2.16.840.1.113883.5.104

3-L	1803-6	Tazlina	2.16.840.1.113883.5.104
3-L	1804-4	Telida	2.16.840.1.113883.5.104
3-L	1805-1	Tetlin	2.16.840.1.113883.5.104
3-L	1806-9	Tok	2.16.840.1.113883.5.104
3-L	1807-7	Tyonek	2.16.840.1.113883.5.104
3-L	1808-5	Venetie	2.16.840.1.113883.5.104
3-L	1809-3	Wiseman	2.16.840.1.113883.5.104
2-L	1078-5	Cayuse	2.16.840.1.113883.5.104
2-L	1080-1	Chehalis	2.16.840.1.113883.5.104
2-S	1082-7	Chemakuan	2.16.840.1.113883.5.104
3-L	1083-5	Hoh	2.16.840.1.113883.5.104
3-L	1084-3	Quileute	2.16.840.1.113883.5.104
2-L	1086-8	Chemehuevi	2.16.840.1.113883.5.104
2-S	1088-4	Cherokee	2.16.840.1.113883.5.104
3-L	1089-2	Cherokee Alabama	2.16.840.1.113883.5.104
3-L	1090-0	Cherokees of Northeast Alabama	2.16.840.1.113883.5.104
3-L	1091-8	Cherokees of Southeast Alabama	2.16.840.1.113883.5.104
3-L	1092-6	Eastern Cherokee	2.16.840.1.113883.5.104
3-L	1093-4	Echota Cherokee	2.16.840.1.113883.5.104
3-L	1094-2	Etowah Cherokee	2.16.840.1.113883.5.104
3-L	1095-9	Northern Cherokee	2.16.840.1.113883.5.104
3-L	1096-7	Tuscola	2.16.840.1.113883.5.104

3-L	1097-5	United Keetowah Band of Cherokee	2.16.840.1.113883.5.104
3-L	1098-3	Western Cherokee	2.16.840.1.113883.5.104
2-L	1100-7	Cherokee Shawnee	2.16.840.1.113883.5.104
2-S	1102-3	Cheyenne	2.16.840.1.113883.5.104
3-L	1103-1	Northern Cheyenne	2.16.840.1.113883.5.104
3-L	1104-9	Southern Cheyenne	2.16.840.1.113883.5.104
2-L	1106-4	Cheyenne-Arapaho	2.16.840.1.113883.5.104
2-S	1108-0	Chickahominy	2.16.840.1.113883.5.104
3-L	1109-8	Eastern Chickahominy	2.16.840.1.113883.5.104
3-L	1110-6	Western Chickahominy	2.16.840.1.113883.5.104
2-L	1112-2	Chickasaw	2.16.840.1.113883.5.104
2-S	1114-8	Chinook	2.16.840.1.113883.5.104
3-L	1115-5	Clatsop	2.16.840.1.113883.5.104
3-L	1116-3	Columbia River Chinook	2.16.840.1.113883.5.104
3-L	1117-1	Kathlamet	2.16.840.1.113883.5.104
3-L	1118-9	Upper Chinook	2.16.840.1.113883.5.104
3-L	1119-7	Wakiakum Chinook	2.16.840.1.113883.5.104
3-L	1120-5	Willapa Chinook	2.16.840.1.113883.5.104
3-L	1121-3	Wishram	2.16.840.1.113883.5.104
2-S	1123-9	Chippewa	2.16.840.1.113883.5.104
3-L	1124-7	Bad River	2.16.840.1.113883.5.104
3-L	1125-4	Bay Mills Chippewa	2.16.840.1.113883.5.104

3-L	1126-2	Bois Forte	2.16.840.1.113883.5.104
3-L	1127-0	Burt Lake Chippewa	2.16.840.1.113883.5.104
3-L	1128-8	Fond du Lac	2.16.840.1.113883.5.104
3-L	1129-6	Grand Portage	2.16.840.1.113883.5.104
3-L	1130-4	Grand Traverse Band of Ottawa-Chippewa	2.16.840.1.113883.5.104
3-L	1131-2	Keweenaw	2.16.840.1.113883.5.104
3-L	1132-0	Lac Courte Oreilles	2.16.840.1.113883.5.104
3-L	1133-8	Lac du Flambeau	2.16.840.1.113883.5.104
3-L	1134-6	Lac Vieux Desert Chippewa	2.16.840.1.113883.5.104
3-L	1135-3	Lake Superior	2.16.840.1.113883.5.104
3-L	1136-1	Leech Lake	2.16.840.1.113883.5.104
3-L	1137-9	Little Shell Chippewa	2.16.840.1.113883.5.104
3-L	1138-7	Mille Lacs	2.16.840.1.113883.5.104
3-L	1139-5	Minnesota Chippewa	2.16.840.1.113883.5.104
3-L	1140-3	Ontonagon	2.16.840.1.113883.5.104
3-L	1141-1	Red Cliff Chippewa	2.16.840.1.113883.5.104
3-L	1142-9	Red Lake Chippewa	2.16.840.1.113883.5.104
3-L	1143-7	Saginaw Chippewa	2.16.840.1.113883.5.104
3-L	1144-5	St. Croix Chippewa	2.16.840.1.113883.5.104
3-L	1145-2	Sault Ste. Marie Chippewa	2.16.840.1.113883.5.104
3-L	1146-0	Sokoagon Chippewa	2.16.840.1.113883.5.104
3-L	1147-8	Turtle Mountain	2.16.840.1.113883.5.104

3-L	1148-6	White Earth	2.16.840.1.113883.5.104
2-S	1150-2	Chippewa Cree	2.16.840.1.113883.5.104
3-L	1151-0	Rocky Boy's Chippewa Cree	2.16.840.1.113883.5.104
2-L	1153-6	Chitimacha	2.16.840.1.113883.5.104
2-S	1155-1	Choctaw	2.16.840.1.113883.5.104
3-L	1156-9	Clifton Choctaw	2.16.840.1.113883.5.104
3-L	1157-7	Jena Choctaw	2.16.840.1.113883.5.104
3-L	1158-5	Mississippi Choctaw	2.16.840.1.113883.5.104
3-L	1159-3	Mowa Band of Choctaw	2.16.840.1.113883.5.104
3-L	1160-1	Oklahoma Choctaw	2.16.840.1.113883.5.104
2-S	1162-7	Chumash	2.16.840.1.113883.5.104
3-L	1163-5	Santa Ynez	2.16.840.1.113883.5.104
2-L	1165-0	Clear Lake	2.16.840.1.113883.5.104
2-L	1167-6	Coeur D'Alene	2.16.840.1.113883.5.104
2-L	1169-2	Coharie	2.16.840.1.113883.5.104
2-L	1171-8	Colorado River	2.16.840.1.113883.5.104
2-L	1173-4	Colville	2.16.840.1.113883.5.104
2-S	1175-9	Comanche	2.16.840.1.113883.5.104
3-L	1176-7	Oklahoma Comanche	2.16.840.1.113883.5.104
2-L	1178-3	Coos, Lower Umpqua, Siuslaw	2.16.840.1.113883.5.104
2-L	1180-9	Coos	2.16.840.1.113883.5.104
2-L	1182-5	Coquilles	2.16.840.1.113883.5.104

2-L	1184-1	Costanoan	2.16.840.1.113883.5.104
2-S	1186-6	Coushatta	2.16.840.1.113883.5.104
3-L	1187-4	Alabama Coushatta	2.16.840.1.113883.5.104
2-L	1189-0	Cowlitz	2.16.840.1.113883.5.104
2-L	1191-6	Cree	2.16.840.1.113883.5.104
2-S	1193-2	Creek	2.16.840.1.113883.5.104
3-L	1194-0	Alabama Creek	2.16.840.1.113883.5.104
3-L	1195-7	Alabama Quassarte	2.16.840.1.113883.5.104
3-L	1196-5	Eastern Creek	2.16.840.1.113883.5.104
3-L	1197-3	Eastern Muscogee	2.16.840.1.113883.5.104
3-L	1198-1	Kialegee	2.16.840.1.113883.5.104
3-L	1199-9	Lower Muscogee	2.16.840.1.113883.5.104
3-L	1200-5	Machis Lower Creek Indian	2.16.840.1.113883.5.104
3-L	1201-3	Poarch Band	2.16.840.1.113883.5.104
3-L	1202-1	Principal Creek Indian Nation	2.16.840.1.113883.5.104
3-L	1203-9	Star Clan of Muscogee Creeks	2.16.840.1.113883.5.104
3-L	1204-7	Thlopthlocco	2.16.840.1.113883.5.104
3-L	1205-4	Tuckabachee	2.16.840.1.113883.5.104
2-L	1207-0	Croatan	2.16.840.1.113883.5.104
2-L	1209-6	Crow	2.16.840.1.113883.5.104
2-S	1211-2	Cupeno	2.16.840.1.113883.5.104
3-L	1212-0	Agua Caliente	2.16.840.1.113883.5.104

2-S	1214-6	Delaware	2.16.840.1.113883.5.104
3-L	1215-3	Eastern Delaware	2.16.840.1.113883.5.104
3-L	1216-1	Lenni-Lenape	2.16.840.1.113883.5.104
3-L	1217-9	Munsee	2.16.840.1.113883.5.104
3-L	1218-7	Oklahoma Delaware	2.16.840.1.113883.5.104
3-L	1219-5	Rampough Mountain	2.16.840.1.113883.5.104
3-L	1220-3	Sand Hill	2.16.840.1.113883.5.104
2-S	1222-9	Diegueno	2.16.840.1.113883.5.104
3-L	1223-7	Campo	2.16.840.1.113883.5.104
3-L	1224-5	Capitan Grande	2.16.840.1.113883.5.104
3-L	1225-2	Cuyapaipe	2.16.840.1.113883.5.104
3-L	1226-0	La Posta	2.16.840.1.113883.5.104
3-L	1227-8	Manzanita	2.16.840.1.113883.5.104
3-L	1228-6	Mesa Grande	2.16.840.1.113883.5.104
3-L	1229-4	San Pasqual	2.16.840.1.113883.5.104
3-L	1230-2	Santa Ysabel	2.16.840.1.113883.5.104
3-L	1231-0	Sycuan	2.16.840.1.113883.5.104
2-S	1233-6	Eastern Tribes	2.16.840.1.113883.5.104
3-L	1234-4	Attacapa	2.16.840.1.113883.5.104
3-L	1235-1	Biloxi	2.16.840.1.113883.5.104
3-L	1236-9	Georgetown	2.16.840.1.113883.5.104
3-L	1237-7	Moor	2.16.840.1.113883.5.104

3-L	1238-5	Nansemond	2.16.840.1.113883.5.104
3-L	1239-3	Natchez	2.16.840.1.113883.5.104
3-L	1240-1	Nausu Waiwash	2.16.840.1.113883.5.104
3-L	1241-9	Nipmuc	2.16.840.1.113883.5.104
3-L	1242-7	Paugussett	2.16.840.1.113883.5.104
3-L	1243-5	Pocomoke Acohonock	2.16.840.1.113883.5.104
3-L	1244-3	Southeastern Indians	2.16.840.1.113883.5.104
3-L	1245-0	Susquehanock	2.16.840.1.113883.5.104
3-L	1246-8	Tunica Biloxi	2.16.840.1.113883.5.104
3-L	1247-6	Waccamaw-Siousan	2.16.840.1.113883.5.104
3-L	1248-4	Wicomico	2.16.840.1.113883.5.104
2-L	1250-0	Esselen	2.16.840.1.113883.5.104
2-L	1252-6	Fort Belknap	2.16.840.1.113883.5.104
2-L	1254-2	Fort Berthold	2.16.840.1.113883.5.104
2-L	1256-7	Fort McDowell	2.16.840.1.113883.5.104
2-L	1258-3	Fort Hall	2.16.840.1.113883.5.104
2-L	1260-9	Gabrieleno	2.16.840.1.113883.5.104
2-L	1262-5	Grand Ronde	2.16.840.1.113883.5.104
2-S	1264-1	Gros Ventres	2.16.840.1.113883.5.104
3-L	1265-8	Atsina	2.16.840.1.113883.5.104
2-L	1267-4	Haliwa	2.16.840.1.113883.5.104
2-L	1269-0	Hidatsa	2.16.840.1.113883.5.104

2-S	1271-6	Hoopa	2.16.840.1.113883.5.104
3-L	1272-4	Trinity	2.16.840.1.113883.5.104
3-L	1273-2	Whilkut	2.16.840.1.113883.5.104
2-L	1275-7	Hoopa Extension	2.16.840.1.113883.5.104
2-L	1277-3	Houma	2.16.840.1.113883.5.104
2-L	1279-9	Inaja-Cosmit	2.16.840.1.113883.5.104
2-S	1281-5	Iowa	2.16.840.1.113883.5.104
3-L	1282-3	Iowa of Kansas-Nebraska	2.16.840.1.113883.5.104
3-L	1283-1	Iowa of Oklahoma	2.16.840.1.113883.5.104
2-S	1285-6	Iroquois	2.16.840.1.113883.5.104
3-L	1286-4	Cayuga	2.16.840.1.113883.5.104
3-L	1287-2	Mohawk	2.16.840.1.113883.5.104
3-L	1288-0	Oneida	2.16.840.1.113883.5.104
3-L	1289-8	Onondaga	2.16.840.1.113883.5.104
3-L	1290-6	Seneca	2.16.840.1.113883.5.104
3-L	1291-4	Seneca Nation	2.16.840.1.113883.5.104
3-L	1292-2	Seneca-Cayuga	2.16.840.1.113883.5.104
3-L	1293-0	Tonawanda Seneca	2.16.840.1.113883.5.104
3-L	1294-8	Tuscarora	2.16.840.1.113883.5.104
3-L	1295-5	Wyandotte	2.16.840.1.113883.5.104
2-L	1297-1	Juaneno	2.16.840.1.113883.5.104
2-L	1299-7	Kalispel	2.16.840.1.113883.5.104

2-L	1301-1	Karuk	2.16.840.1.113883.5.104
2-L	1303-7	Kaw	2.16.840.1.113883.5.104
2-S	1305-2	Kickapoo	2.16.840.1.113883.5.104
3-L	1306-0	Oklahoma Kickapoo	2.16.840.1.113883.5.104
3-L	1307-8	Texas Kickapoo	2.16.840.1.113883.5.104
2-S	1309-4	Kiowa	2.16.840.1.113883.5.104
3-L	1310-2	Oklahoma Kiowa	2.16.840.1.113883.5.104
2-S	1312-8	Klallam	2.16.840.1.113883.5.104
3-L	1313-6	Jamestown	2.16.840.1.113883.5.104
3-L	1314-4	Lower Elwha	2.16.840.1.113883.5.104
3-L	1315-1	Port Gamble Klallam	2.16.840.1.113883.5.104
2-L	1317-7	Klamath	2.16.840.1.113883.5.104
2-L	1319-3	Konkow	2.16.840.1.113883.5.104
2-L	1321-9	Kootenai	2.16.840.1.113883.5.104
2-L	1323-5	Lassik	2.16.840.1.113883.5.104
2-S	1325-0	Long Island	2.16.840.1.113883.5.104
3-L	1326-8	Matinecock	2.16.840.1.113883.5.104
3-L	1327-6	Montauk	2.16.840.1.113883.5.104
3-L	1328-4	Poospatuck	2.16.840.1.113883.5.104
3-L	1329-2	Setauket	2.16.840.1.113883.5.104
2-S	1331-8	Luiseno	2.16.840.1.113883.5.104
3-L	1332-6	La Jolla	2.16.840.1.113883.5.104

3-L	1333-4	Pala	2.16.840.1.113883.5.104
3-L	1334-2	Pauma	2.16.840.1.113883.5.104
3-L	1335-9	Pechanga	2.16.840.1.113883.5.104
3-L	1336-7	Soboba	2.16.840.1.113883.5.104
3-L	1337-5	Twenty-Nine Palms	2.16.840.1.113883.5.104
3-L	1338-3	Temecula	2.16.840.1.113883.5.104
2-L	1340-9	Lumbee	2.16.840.1.113883.5.104
2-L	1342-5	Lummi	2.16.840.1.113883.5.104
2-S	1344-1	Maidu	2.16.840.1.113883.5.104
3-L	1345-8	Mountain Maidu	2.16.840.1.113883.5.104
3-L	1346-6	Nishinam	2.16.840.1.113883.5.104
2-L	1348-2	Makah	2.16.840.1.113883.5.104
2-L	1350-8	Maliseet	2.16.840.1.113883.5.104
2-L	1352-4	Mandan	2.16.840.1.113883.5.104
2-L	1354-0	Mattaponi	2.16.840.1.113883.5.104
2-L	1356-5	Menominee	2.16.840.1.113883.5.104
2-S	1358-1	Miami	2.16.840.1.113883.5.104
3-L	1359-9	Illinois Miami	2.16.840.1.113883.5.104
3-L	1360-7	Indiana Miami	2.16.840.1.113883.5.104
3-L	1361-5	Oklahoma Miami	2.16.840.1.113883.5.104
2-L	1363-1	Miccosukee	2.16.840.1.113883.5.104
2-S	1365-6	Micmac	2.16.840.1.113883.5.104

3-L	1366-4	Aroostook	2.16.840.1.113883.5.104
2-L	1368-0	Mission Indians	2.16.840.1.113883.5.104
2-L	1370-6	Miwok	2.16.840.1.113883.5.104
2-L	1372-2	Modoc	2.16.840.1.113883.5.104
2-L	1374-8	Mohegan	2.16.840.1.113883.5.104
2-L	1376-3	Mono	2.16.840.1.113883.5.104
2-L	1378-9	Nanticoke	2.16.840.1.113883.5.104
2-L	1380-5	Narragansett	2.16.840.1.113883.5.104
2-S	1382-1	Navajo	2.16.840.1.113883.5.104
3-L	1383-9	Alamo Navajo	2.16.840.1.113883.5.104
3-L	1384-7	Canoncito Navajo	2.16.840.1.113883.5.104
3-L	1385-4	Ramah Navajo	2.16.840.1.113883.5.104
2-L	1387-0	Nez Perce	2.16.840.1.113883.5.104
2-L	1389-6	Nomalaki	2.16.840.1.113883.5.104
2-S	1391-2	Northwest Tribes	2.16.840.1.113883.5.104
3-L	1392-0	Alsea	2.16.840.1.113883.5.104
3-L	1393-8	Celilo	2.16.840.1.113883.5.104
3-L	1394-6	Columbia	2.16.840.1.113883.5.104
3-L	1395-3	Kalapuya	2.16.840.1.113883.5.104
3-L	1396-1	Molala	2.16.840.1.113883.5.104
3-L	1397-9	Talakamish	2.16.840.1.113883.5.104
3-L	1398-7	Tenino	2.16.840.1.113883.5.104

3-L	1399-5	Tillamook	2.16.840.1.113883.5.104
3-L	1400-1	Wenatchee	2.16.840.1.113883.5.104
3-L	1401-9	Yahooskin	2.16.840.1.113883.5.104
2-L	1403-5	Omaha	2.16.840.1.113883.5.104
2-L	1405-0	Oregon Athabaskan	2.16.840.1.113883.5.104
2-L	1407-6	Osage	2.16.840.1.113883.5.104
2-L	1409-2	Otoe-Missouria	2.16.840.1.113883.5.104
2-S	1411-8	Ottawa	2.16.840.1.113883.5.104
3-L	1412-6	Burt Lake Ottawa	2.16.840.1.113883.5.104
3-L	1413-4	Michigan Ottawa	2.16.840.1.113883.5.104
3-L	1414-2	Oklahoma Ottawa	2.16.840.1.113883.5.104
2-S	1416-7	Paiute	2.16.840.1.113883.5.104
3-L	1417-5	Bishop	2.16.840.1.113883.5.104
3-L	1418-3	Bridgeport	2.16.840.1.113883.5.104
3-L	1419-1	Burns Paiute	2.16.840.1.113883.5.104
3-L	1420-9	Cedarville	2.16.840.1.113883.5.104
3-L	1421-7	Fort Bidwell	2.16.840.1.113883.5.104
3-L	1422-5	Fort Independence	2.16.840.1.113883.5.104
3-L	1423-3	Kaibab	2.16.840.1.113883.5.104
3-L	1424-1	Las Vegas	2.16.840.1.113883.5.104
3-L	1425-8	Lone Pine	2.16.840.1.113883.5.104
3-L	1426-6	Lovelock	2.16.840.1.113883.5.104

3-L	1427-4	Malheur Paiute	2.16.840.1.113883.5.104
3-L	1428-2	Moapa	2.16.840.1.113883.5.104
3-L	1429-0	Northern Paiute	2.16.840.1.113883.5.104
3-L	1430-8	Owens Valley	2.16.840.1.113883.5.104
3-L	1431-6	Pyramid Lake	2.16.840.1.113883.5.104
3-L	1432-4	San Juan Southern Paiute	2.16.840.1.113883.5.104
3-L	1433-2	Southern Paiute	2.16.840.1.113883.5.104
3-L	1434-0	Summit Lake	2.16.840.1.113883.5.104
3-L	1435-7	Utu Utu Gwaitu Paiute	2.16.840.1.113883.5.104
3-L	1436-5	Walker River	2.16.840.1.113883.5.104
3-L	1437-3	Yerington Paiute	2.16.840.1.113883.5.104
2-L	1439-9	Pamunkey	2.16.840.1.113883.5.104
2-S	1441-5	Passamaquoddy	2.16.840.1.113883.5.104
3-L	1442-3	Indian Township	2.16.840.1.113883.5.104
3-L	1443-1	Pleasant Point Passamaquoddy	2.16.840.1.113883.5.104
2-S	1445-6	Pawnee	2.16.840.1.113883.5.104
3-L	1446-4	Oklahoma Pawnee	2.16.840.1.113883.5.104
2-L	1448-0	Penobscot	2.16.840.1.113883.5.104
2-S	1450-6	Peoria	2.16.840.1.113883.5.104
3-L	1451-4	Oklahoma Peoria	2.16.840.1.113883.5.104
2-S	1453-0	Pequot	2.16.840.1.113883.5.104
3-L	1454-8	Marshantucket Pequot	2.16.840.1.113883.5.104

2-S	1456-3	Pima	2.16.840.1.113883.5.104
3-L	1457-1	Gila River Pima-Maricopa	2.16.840.1.113883.5.104
3-L	1458-9	Salt River Pima-Maricopa	2.16.840.1.113883.5.104
2-L	1460-5	Piscataway	2.16.840.1.113883.5.104
2-L	1462-1	Pit River	2.16.840.1.113883.5.104
2-S	1464-7	Pomo	2.16.840.1.113883.5.104
3-L	1465-4	Central Pomo	2.16.840.1.113883.5.104
3-L	1466-2	Dry Creek	2.16.840.1.113883.5.104
3-L	1467-0	Eastern Pomo	2.16.840.1.113883.5.104
3-L	1468-8	Kashia	2.16.840.1.113883.5.104
3-L	1469-6	Northern Pomo	2.16.840.1.113883.5.104
3-L	1470-4	Scotts Valley	2.16.840.1.113883.5.104
3-L	1471-2	Stonyford	2.16.840.1.113883.5.104
3-L	1472-0	Sulphur Bank	2.16.840.1.113883.5.104
2-S	1474-6	Ponca	2.16.840.1.113883.5.104
3-L	1475-3	Nebraska Ponca	2.16.840.1.113883.5.104
3-L	1476-1	Oklahoma Ponca	2.16.840.1.113883.5.104
2-S	1478-7	Potawatomi	2.16.840.1.113883.5.104
3-L	1479-5	Citizen Band Potawatomi	2.16.840.1.113883.5.104
3-L	1480-3	Forest County	2.16.840.1.113883.5.104
3-L	1481-1	Hannahville	2.16.840.1.113883.5.104
3-L	1482-9	Huron Potawatomi	2.16.840.1.113883.5.104

3-L	1483-7	Pokagon Potawatomi	2.16.840.1.113883.5.104
3-L	1484-5	Prairie Band	2.16.840.1.113883.5.104
3-L	1485-2	Wisconsin Potawatomi	2.16.840.1.113883.5.104
2-L	1487-8	Powhatan	2.16.840.1.113883.5.104
2-S	1489-4	Pueblo	2.16.840.1.113883.5.104
3-L	1490-2	Acoma	2.16.840.1.113883.5.104
3-L	1491-0	Arizona Tewa	2.16.840.1.113883.5.104
3-L	1492-8	Cochiti	2.16.840.1.113883.5.104
3-L	1493-6	Hopi	2.16.840.1.113883.5.104
3-L	1494-4	Isleta	2.16.840.1.113883.5.104
3-L	1495-1	Jemez	2.16.840.1.113883.5.104
3-L	1496-9	Keres	2.16.840.1.113883.5.104
3-L	1497-7	Laguna	2.16.840.1.113883.5.104
3-L	1498-5	Nambe	2.16.840.1.113883.5.104
3-L	1499-3	Picuris	2.16.840.1.113883.5.104
3-L	1500-8	Piro	2.16.840.1.113883.5.104
3-L	1501-6	Pojoaque	2.16.840.1.113883.5.104
3-L	1502-4	San Felipe	2.16.840.1.113883.5.104
3-L	1503-2	San Ildefonso	2.16.840.1.113883.5.104
3-L	1504-0	San Juan Pueblo	2.16.840.1.113883.5.104
3-L	1505-7	San Juan De	2.16.840.1.113883.5.104
3-L	1506-5	San Juan	2.16.840.1.113883.5.104

3-L	1507-3	Sandia	2.16.840.1.113883.5.104
3-L	1508-1	Santa Ana	2.16.840.1.113883.5.104
3-L	1509-9	Santa Clara	2.16.840.1.113883.5.104
3-L	1510-7	Santo Domingo	2.16.840.1.113883.5.104
3-L	1511-5	Taos	2.16.840.1.113883.5.104
3-L	1512-3	Tesuque	2.16.840.1.113883.5.104
3-L	1513-1	Tewa	2.16.840.1.113883.5.104
3-L	1514-9	Tigua	2.16.840.1.113883.5.104
3-L	1515-6	Zia	2.16.840.1.113883.5.104
3-L	1516-4	Zuni	2.16.840.1.113883.5.104
2-S	1518-0	Puget Sound Salish	2.16.840.1.113883.5.104
3-L	1519-8	Duwamish	2.16.840.1.113883.5.104
3-L	1520-6	Kikiallus	2.16.840.1.113883.5.104
3-L	1521-4	Lower Skagit	2.16.840.1.113883.5.104
3-L	1522-2	Muckleshoot	2.16.840.1.113883.5.104
3-L	1523-0	Nisqually	2.16.840.1.113883.5.104
3-L	1524-8	Nooksack	2.16.840.1.113883.5.104
3-L	1525-5	Port Madison	2.16.840.1.113883.5.104
3-L	1526-3	Puyallup	2.16.840.1.113883.5.104
3-L	1527-1	Samish	2.16.840.1.113883.5.104
3-L	1528-9	Sauk-Suiattle	2.16.840.1.113883.5.104
3-L	1529-7	Skokomish	2.16.840.1.113883.5.104



3-L	1530-5	Skykomish	2.16.840.1.113883.5.104
3-L	1531-3	Snohomish	2.16.840.1.113883.5.104
3-L	1532-1	Snoqualmie	2.16.840.1.113883.5.104
3-L	1533-9	Squaxin Island	2.16.840.1.113883.5.104
3-L	1534-7	Steilacoom	2.16.840.1.113883.5.104
3-L	1535-4	Stillaguamish	2.16.840.1.113883.5.104
3-L	1536-2	Suquamish	2.16.840.1.113883.5.104
3-L	1537-0	Swinomish	2.16.840.1.113883.5.104
3-L	1538-8	Tulalip	2.16.840.1.113883.5.104
3-L	1539-6	Upper Skagit	2.16.840.1.113883.5.104
2-L	1541-2	Quapaw	2.16.840.1.113883.5.104
2-L	1543-8	Quinault	2.16.840.1.113883.5.104
2-L	1545-3	Rappahannock	2.16.840.1.113883.5.104
2-L	1547-9	Reno-Sparks	2.16.840.1.113883.5.104
2-L	1549-5	Round Valley	2.16.840.1.113883.5.104
2-S	1551-1	Sac and Fox	2.16.840.1.113883.5.104
3-L	1552-9	Iowa Sac and Fox	2.16.840.1.113883.5.104
3-L	1553-7	Missouri Sac and Fox	2.16.840.1.113883.5.104
3-L	1554-5	Oklahoma Sac and Fox	2.16.840.1.113883.5.104
2-L	1556-0	Salinan	2.16.840.1.113883.5.104
2-L	1558-6	Salish	2.16.840.1.113883.5.104
2-L	1560-2	Salish and Kootenai	2.16.840.1.113883.5.104

2-L	1562-8	Schaghticoke	2.16.840.1.113883.5.104
2-L	1564-4	Scott Valley	2.16.840.1.113883.5.104
2-S	1566-9	Seminole	2.16.840.1.113883.5.104
3-L	1567-7	Big Cypress	2.16.840.1.113883.5.104

This value set has 921 codes in it. In order to keep the publication size manageable, only a selection (500 codes) of the whole set of codes is shown.

Legenda: Type L=leaf, S=specializable, A=abstract, D=deprecated. NullFlavors to appear in @nullFlavor attribute instead of @code.

6.1.48 Race 2.16.840.1.113883.1.11.14914 - 2011-07-26 (DEFN=UV=VO=1099-20110726) ref (from repository: ad2bbr-)

Id	2.16.840.1.113883.1.11.14914 ref ad2bbr-	Effective Date	2011-07-26 Other versions this id: ▪  RaceDEFN=UV=VO=1360-20160323 - as of 2014-03-26 ref ad2bbr-
Status	 Final	Version Label	DEFN=UV=VO=1099-20110726
Name	Race	Display Name	Race
Description	<p>description:</p> <p>In the United States, federal standards for classifying data on race determine the categories used by federal agencies and exert a strong influence on categorization by state and local agencies and private sector organizations. The federal standards do not conceptually define race, and they recognize the absence of an anthropological or scientific basis for racial classification. Instead, the federal standards acknowledge that race is a social-political construct in which an individual's own identification with one more race categories is preferred to observer identification. The standards use a variety of features to define five minimum race categories. Among these features are descent from "the original peoples" of a specified region or nation. The minimum race categories are American Indian or Alaska Native, Asian, Black or African American, Native Hawaiian or Other Pacific Islander, and White. The federal standards stipulate that race data need not be limited to the five minimum categories, but any expansion must be collapsible to those categories.</p>		
Source Code System	2.16.840.1.113883.5.104		
Level/ Type	Code	Display Name	Code System
0-L	2131-1	Other Race	2.16.840.1.113883.5.104

0-S	1002-5	American Indian or Alaska Native	2.16.840.1.113883.5.104
1-S	1004-1	American Indian	2.16.840.1.113883.5.104
2-L	1006-6	Abenaki	2.16.840.1.113883.5.104
2-L	1008-2	Algonquian	2.16.840.1.113883.5.104
2-S	1010-8	Apache	2.16.840.1.113883.5.104
3-L	1011-6	Chiricahua	2.16.840.1.113883.5.104
3-L	1012-4	Fort Sill Apache	2.16.840.1.113883.5.104
3-L	1013-2	Jicarilla Apache	2.16.840.1.113883.5.104
3-L	1014-0	Lipan Apache	2.16.840.1.113883.5.104
3-L	1015-7	Mescalero Apache	2.16.840.1.113883.5.104
3-L	1016-5	Oklahoma Apache	2.16.840.1.113883.5.104
3-L	1017-3	Payson Apache	2.16.840.1.113883.5.104
3-L	1018-1	San Carlos Apache	2.16.840.1.113883.5.104
3-L	1019-9	White Mountain Apache	2.16.840.1.113883.5.104
2-S	1021-5	Arapaho	2.16.840.1.113883.5.104
3-L	1022-3	Northern Arapaho	2.16.840.1.113883.5.104
3-L	1023-1	Southern Arapaho	2.16.840.1.113883.5.104
3-L	1024-9	Wind River Arapaho	2.16.840.1.113883.5.104
2-L	1026-4	Arikara	2.16.840.1.113883.5.104
2-L	1028-0	Assiniboine	2.16.840.1.113883.5.104
2-S	1030-6	Assiniboine Sioux	2.16.840.1.113883.5.104
3-L	1031-4	Fort Peck Assiniboine Sioux	2.16.840.1.113883.5.104

2-L	1033-0	Bannock	2.16.840.1.113883.5.104
2-L	1035-5	Blackfeet	2.16.840.1.113883.5.104
2-L	1037-1	Brotherton	2.16.840.1.113883.5.104
2-L	1039-7	Burt Lake Band	2.16.840.1.113883.5.104
2-S	1041-3	Caddo	2.16.840.1.113883.5.104
3-L	1042-1	Oklahoma Cado	2.16.840.1.113883.5.104
2-S	1044-7	Cahuilla	2.16.840.1.113883.5.104
3-L	1045-4	Agua Caliente Cahuilla	2.16.840.1.113883.5.104
3-L	1046-2	Augustine	2.16.840.1.113883.5.104
3-L	1047-0	Cabazon	2.16.840.1.113883.5.104
3-L	1048-8	Los Coyotes	2.16.840.1.113883.5.104
3-L	1049-6	Morongo	2.16.840.1.113883.5.104
3-L	1050-4	Santa Rosa Cahuilla	2.16.840.1.113883.5.104
3-L	1051-2	Torres-Martinez	2.16.840.1.113883.5.104
2-S	1053-8	California Tribes	2.16.840.1.113883.5.104
3-L	1054-6	Cahto	2.16.840.1.113883.5.104
3-L	1055-3	Chimariko	2.16.840.1.113883.5.104
3-L	1056-1	Coast Miwok	2.16.840.1.113883.5.104
3-L	1057-9	Digger	2.16.840.1.113883.5.104
3-L	1058-7	Kawaiisu	2.16.840.1.113883.5.104
3-L	1059-5	Kern River	2.16.840.1.113883.5.104
3-L	1060-3	Mattole	2.16.840.1.113883.5.104

3-L	1061-1	Red Wood	2.16.840.1.113883.5.104
3-L	1062-9	Santa Rosa	2.16.840.1.113883.5.104
3-L	1063-7	Takelma	2.16.840.1.113883.5.104
3-L	1064-5	Wappo	2.16.840.1.113883.5.104
3-L	1065-2	Yana	2.16.840.1.113883.5.104
3-L	1066-0	Yuki	2.16.840.1.113883.5.104
2-S	1068-6	Canadian and Latin American Indian	2.16.840.1.113883.5.104
3-L	1069-4	Canadian Indian	2.16.840.1.113883.5.104
3-L	1070-2	Central American Indian	2.16.840.1.113883.5.104
3-L	1071-0	French American Indian	2.16.840.1.113883.5.104
3-L	1072-8	Mexican American Indian	2.16.840.1.113883.5.104
3-L	1073-6	South American Indian	2.16.840.1.113883.5.104
2-L	1074-4	Spanish American Indian	2.16.840.1.113883.5.104
2-S	1076-9	Catawba	2.16.840.1.113883.5.104
3-L	1741-8	Alatna	2.16.840.1.113883.5.104
3-L	1742-6	Alexander	2.16.840.1.113883.5.104
3-L	1743-4	Allakaket	2.16.840.1.113883.5.104
3-L	1744-2	Alanvik	2.16.840.1.113883.5.104
3-L	1745-9	Anvik	2.16.840.1.113883.5.104
3-L	1746-7	Arctic	2.16.840.1.113883.5.104
3-L	1747-5	Beaver	2.16.840.1.113883.5.104
3-L	1748-3	Birch Creek	2.16.840.1.113883.5.104

3-L	1749-1	Cantwell	2.16.840.1.113883.5.104
3-L	1750-9	Chalkyitsik	2.16.840.1.113883.5.104
3-L	1751-7	Chickaloon	2.16.840.1.113883.5.104
3-L	1752-5	Chistochina	2.16.840.1.113883.5.104
3-L	1753-3	Chitina	2.16.840.1.113883.5.104
3-L	1754-1	Circle	2.16.840.1.113883.5.104
3-L	1755-8	Cook Inlet	2.16.840.1.113883.5.104
3-L	1756-6	Copper Center	2.16.840.1.113883.5.104
3-L	1757-4	Copper River	2.16.840.1.113883.5.104
3-L	1758-2	Dot Lake	2.16.840.1.113883.5.104
3-L	1759-0	Doyon	2.16.840.1.113883.5.104
3-L	1760-8	Eagle	2.16.840.1.113883.5.104
3-L	1761-6	Eklutna	2.16.840.1.113883.5.104
3-L	1762-4	Evansville	2.16.840.1.113883.5.104
3-L	1763-2	Fort Yukon	2.16.840.1.113883.5.104
3-L	1764-0	Gakona	2.16.840.1.113883.5.104
3-L	1765-7	Galena	2.16.840.1.113883.5.104
3-L	1766-5	Grayling	2.16.840.1.113883.5.104
3-L	1767-3	Gulkana	2.16.840.1.113883.5.104
3-L	1768-1	Healy Lake	2.16.840.1.113883.5.104
3-L	1769-9	Holy Cross	2.16.840.1.113883.5.104
3-L	1770-7	Hughes	2.16.840.1.113883.5.104

3-L	1771-5	Huslia	2.16.840.1.113883.5.104
3-L	1772-3	Iliamna	2.16.840.1.113883.5.104
3-L	1773-1	Kaltag	2.16.840.1.113883.5.104
3-L	1774-9	Kluti Kaah	2.16.840.1.113883.5.104
3-L	1775-6	Knik	2.16.840.1.113883.5.104
3-L	1776-4	Koyukuk	2.16.840.1.113883.5.104
3-L	1777-2	Lake Minchumina	2.16.840.1.113883.5.104
3-L	1778-0	Lime	2.16.840.1.113883.5.104
3-L	1779-8	Mcgrath	2.16.840.1.113883.5.104
3-L	1780-6	Manley Hot Springs	2.16.840.1.113883.5.104
3-L	1781-4	Mentasta Lake	2.16.840.1.113883.5.104
3-L	1782-2	Minto	2.16.840.1.113883.5.104
3-L	1783-0	Nenana	2.16.840.1.113883.5.104
3-L	1784-8	Nikolai	2.16.840.1.113883.5.104
3-L	1785-5	Ninilchik	2.16.840.1.113883.5.104
3-L	1786-3	Nondalton	2.16.840.1.113883.5.104
3-L	1787-1	Northway	2.16.840.1.113883.5.104
3-L	1788-9	Nulato	2.16.840.1.113883.5.104
3-L	1789-7	Pedro Bay	2.16.840.1.113883.5.104
3-L	1790-5	Rampart	2.16.840.1.113883.5.104
3-L	1791-3	Ruby	2.16.840.1.113883.5.104
3-L	1792-1	Salamatof	2.16.840.1.113883.5.104

3-L	1793-9	Seldovia	2.16.840.1.113883.5.104
3-L	1794-7	Slana	2.16.840.1.113883.5.104
3-L	1795-4	Shageluk	2.16.840.1.113883.5.104
3-L	1796-2	Stevens	2.16.840.1.113883.5.104
3-L	1797-0	Stony River	2.16.840.1.113883.5.104
3-L	1798-8	Takotna	2.16.840.1.113883.5.104
3-L	1799-6	Tanacross	2.16.840.1.113883.5.104
3-L	1800-2	Tanaina	2.16.840.1.113883.5.104
3-L	1801-0	Tanana	2.16.840.1.113883.5.104
3-L	1802-8	Tanana Chiefs	2.16.840.1.113883.5.104
3-L	1803-6	Tazlina	2.16.840.1.113883.5.104
3-L	1804-4	Telida	2.16.840.1.113883.5.104
3-L	1805-1	Tetlin	2.16.840.1.113883.5.104
3-L	1806-9	Tok	2.16.840.1.113883.5.104
3-L	1807-7	Tyonek	2.16.840.1.113883.5.104
3-L	1808-5	Venetie	2.16.840.1.113883.5.104
3-L	1809-3	Wiseman	2.16.840.1.113883.5.104
2-L	1078-5	Cayuse	2.16.840.1.113883.5.104
2-L	1080-1	Chehalis	2.16.840.1.113883.5.104
2-S	1082-7	Chemakuan	2.16.840.1.113883.5.104
3-L	1083-5	Hoh	2.16.840.1.113883.5.104
3-L	1084-3	Quileute	2.16.840.1.113883.5.104

2-L	1086-8	Chemehuevi	2.16.840.1.113883.5.104
2-S	1088-4	Cherokee	2.16.840.1.113883.5.104
3-L	1089-2	Cherokee Alabama	2.16.840.1.113883.5.104
3-L	1090-0	Cherokees of Northeast Alabama	2.16.840.1.113883.5.104
3-L	1091-8	Cherokees of Southeast Alabama	2.16.840.1.113883.5.104
3-L	1092-6	Eastern Cherokee	2.16.840.1.113883.5.104
3-L	1093-4	Echota Cherokee	2.16.840.1.113883.5.104
3-L	1094-2	Etowah Cherokee	2.16.840.1.113883.5.104
3-L	1095-9	Northern Cherokee	2.16.840.1.113883.5.104
3-L	1096-7	Tuscola	2.16.840.1.113883.5.104
3-L	1097-5	United Keetowah Band of Cherokee	2.16.840.1.113883.5.104
3-L	1098-3	Western Cherokee	2.16.840.1.113883.5.104
2-L	1100-7	Cherokee Shawnee	2.16.840.1.113883.5.104
2-S	1102-3	Cheyenne	2.16.840.1.113883.5.104
3-L	1103-1	Northern Cheyenne	2.16.840.1.113883.5.104
3-L	1104-9	Southern Cheyenne	2.16.840.1.113883.5.104
2-L	1106-4	Cheyenne-Arapaho	2.16.840.1.113883.5.104
2-S	1108-0	Chickahominy	2.16.840.1.113883.5.104
3-L	1109-8	Eastern Chickahominy	2.16.840.1.113883.5.104
3-L	1110-6	Western Chickahominy	2.16.840.1.113883.5.104
2-L	1112-2	Chickasaw	2.16.840.1.113883.5.104
2-S	1114-8	Chinook	2.16.840.1.113883.5.104

3-L	1115-5	Clatsop	2.16.840.1.113883.5.104
3-L	1116-3	Columbia River Chinook	2.16.840.1.113883.5.104
3-L	1117-1	Kathlamet	2.16.840.1.113883.5.104
3-L	1118-9	Upper Chinook	2.16.840.1.113883.5.104
3-L	1119-7	Wakiakum Chinook	2.16.840.1.113883.5.104
3-L	1120-5	Willapa Chinook	2.16.840.1.113883.5.104
3-L	1121-3	Wishram	2.16.840.1.113883.5.104
2-S	1123-9	Chippewa	2.16.840.1.113883.5.104
3-L	1124-7	Bad River	2.16.840.1.113883.5.104
3-L	1125-4	Bay Mills Chippewa	2.16.840.1.113883.5.104
3-L	1126-2	Bois Forte	2.16.840.1.113883.5.104
3-L	1127-0	Burt Lake Chippewa	2.16.840.1.113883.5.104
3-L	1128-8	Fond du Lac	2.16.840.1.113883.5.104
3-L	1129-6	Grand Portage	2.16.840.1.113883.5.104
3-L	1130-4	Grand Traverse Band of Ottawa-Chippewa	2.16.840.1.113883.5.104
3-L	1131-2	Keweenaw	2.16.840.1.113883.5.104
3-L	1132-0	Lac Courte Oreilles	2.16.840.1.113883.5.104
3-L	1133-8	Lac du Flambeau	2.16.840.1.113883.5.104
3-L	1134-6	Lac Vieux Desert Chippewa	2.16.840.1.113883.5.104
3-L	1135-3	Lake Superior	2.16.840.1.113883.5.104
3-L	1136-1	Leech Lake	2.16.840.1.113883.5.104
3-L	1137-9	Little Shell Chippewa	2.16.840.1.113883.5.104

3-L	1138-7	Mille Lacs	2.16.840.1.113883.5.104
3-L	1139-5	Minnesota Chippewa	2.16.840.1.113883.5.104
3-L	1140-3	Ontonagon	2.16.840.1.113883.5.104
3-L	1141-1	Red Cliff Chippewa	2.16.840.1.113883.5.104
3-L	1142-9	Red Lake Chippewa	2.16.840.1.113883.5.104
3-L	1143-7	Saginaw Chippewa	2.16.840.1.113883.5.104
3-L	1144-5	St. Croix Chippewa	2.16.840.1.113883.5.104
3-L	1145-2	Sault Ste. Marie Chippewa	2.16.840.1.113883.5.104
3-L	1146-0	Sokoagon Chippewa	2.16.840.1.113883.5.104
3-L	1147-8	Turtle Mountain	2.16.840.1.113883.5.104
3-L	1148-6	White Earth	2.16.840.1.113883.5.104
2-S	1150-2	Chippewa Cree	2.16.840.1.113883.5.104
3-L	1151-0	Rocky Boy's Chippewa Cree	2.16.840.1.113883.5.104
2-L	1153-6	Chitimacha	2.16.840.1.113883.5.104
2-S	1155-1	Choctaw	2.16.840.1.113883.5.104
3-L	1156-9	Clifton Choctaw	2.16.840.1.113883.5.104
3-L	1157-7	Jena Choctaw	2.16.840.1.113883.5.104
3-L	1158-5	Mississippi Choctaw	2.16.840.1.113883.5.104
3-L	1159-3	Mowa Band of Choctaw	2.16.840.1.113883.5.104
3-L	1160-1	Oklahoma Choctaw	2.16.840.1.113883.5.104
2-S	1162-7	Chumash	2.16.840.1.113883.5.104
3-L	1163-5	Santa Ynez	2.16.840.1.113883.5.104

2-L	1165-0	Clear Lake	2.16.840.1.113883.5.104
2-L	1167-6	Coeur D'Alene	2.16.840.1.113883.5.104
2-L	1169-2	Coharie	2.16.840.1.113883.5.104
2-L	1171-8	Colorado River	2.16.840.1.113883.5.104
2-L	1173-4	Colville	2.16.840.1.113883.5.104
2-S	1175-9	Comanche	2.16.840.1.113883.5.104
3-L	1176-7	Oklahoma Comanche	2.16.840.1.113883.5.104
2-L	1178-3	Coos, Lower Umpqua, Siuslaw	2.16.840.1.113883.5.104
2-L	1180-9	Coos	2.16.840.1.113883.5.104
2-L	1182-5	Coquilles	2.16.840.1.113883.5.104
2-L	1184-1	Costanoan	2.16.840.1.113883.5.104
2-S	1186-6	Coushatta	2.16.840.1.113883.5.104
3-L	1187-4	Alabama Coushatta	2.16.840.1.113883.5.104
2-L	1189-0	Cowlitz	2.16.840.1.113883.5.104
2-L	1191-6	Cree	2.16.840.1.113883.5.104
2-S	1193-2	Creek	2.16.840.1.113883.5.104
3-L	1194-0	Alabama Creek	2.16.840.1.113883.5.104
3-L	1195-7	Alabama Quassarte	2.16.840.1.113883.5.104
3-L	1196-5	Eastern Creek	2.16.840.1.113883.5.104
3-L	1197-3	Eastern Muscogee	2.16.840.1.113883.5.104
3-L	1198-1	Kialegee	2.16.840.1.113883.5.104
3-L	1199-9	Lower Muscogee	2.16.840.1.113883.5.104

3-L	1200-5	Machis Lower Creek Indian	2.16.840.1.113883.5.104
3-L	1201-3	Poarch Band	2.16.840.1.113883.5.104
3-L	1202-1	Principal Creek Indian Nation	2.16.840.1.113883.5.104
3-L	1203-9	Star Clan of Muscogee Creeks	2.16.840.1.113883.5.104
3-L	1204-7	Thlopthlocco	2.16.840.1.113883.5.104
3-L	1205-4	Tuckabachee	2.16.840.1.113883.5.104
2-L	1207-0	Croatan	2.16.840.1.113883.5.104
2-L	1209-6	Crow	2.16.840.1.113883.5.104
2-S	1211-2	Cupeno	2.16.840.1.113883.5.104
3-L	1212-0	Agua Caliente	2.16.840.1.113883.5.104
2-S	1214-6	Delaware	2.16.840.1.113883.5.104
3-L	1215-3	Eastern Delaware	2.16.840.1.113883.5.104
3-L	1216-1	Lenni-Lenape	2.16.840.1.113883.5.104
3-L	1217-9	Munsee	2.16.840.1.113883.5.104
3-L	1218-7	Oklahoma Delaware	2.16.840.1.113883.5.104
3-L	1219-5	Rampough Mountain	2.16.840.1.113883.5.104
3-L	1220-3	Sand Hill	2.16.840.1.113883.5.104
2-S	1222-9	Diegueno	2.16.840.1.113883.5.104
3-L	1223-7	Campo	2.16.840.1.113883.5.104
3-L	1224-5	Capitan Grande	2.16.840.1.113883.5.104
3-L	1225-2	Cuyapaipe	2.16.840.1.113883.5.104
3-L	1226-0	La Posta	2.16.840.1.113883.5.104

3-L	1227-8	Manzanita	2.16.840.1.113883.5.104
3-L	1228-6	Mesa Grande	2.16.840.1.113883.5.104
3-L	1229-4	San Pasqual	2.16.840.1.113883.5.104
3-L	1230-2	Santa Ysabel	2.16.840.1.113883.5.104
3-L	1231-0	Sycuan	2.16.840.1.113883.5.104
2-S	1233-6	Eastern Tribes	2.16.840.1.113883.5.104
3-L	1234-4	Attacapa	2.16.840.1.113883.5.104
3-L	1235-1	Biloxi	2.16.840.1.113883.5.104
3-L	1236-9	Georgetown	2.16.840.1.113883.5.104
3-L	1237-7	Moor	2.16.840.1.113883.5.104
3-L	1238-5	Nansemond	2.16.840.1.113883.5.104
3-L	1239-3	Natchez	2.16.840.1.113883.5.104
3-L	1240-1	Nausu Waiwash	2.16.840.1.113883.5.104
3-L	1241-9	Nipmuc	2.16.840.1.113883.5.104
3-L	1242-7	Paugussett	2.16.840.1.113883.5.104
3-L	1243-5	Pocomoke Acohonock	2.16.840.1.113883.5.104
3-L	1244-3	Southeastern Indians	2.16.840.1.113883.5.104
3-L	1245-0	Susquehanock	2.16.840.1.113883.5.104
3-L	1246-8	Tunica Biloxi	2.16.840.1.113883.5.104
3-L	1247-6	Waccamaw-Siousan	2.16.840.1.113883.5.104
3-L	1248-4	Wicomico	2.16.840.1.113883.5.104
2-L	1250-0	Esselen	2.16.840.1.113883.5.104

2-L	1252-6	Fort Belknap	2.16.840.1.113883.5.104
2-L	1254-2	Fort Berthold	2.16.840.1.113883.5.104
2-L	1256-7	Fort Mcdowell	2.16.840.1.113883.5.104
2-L	1258-3	Fort Hall	2.16.840.1.113883.5.104
2-L	1260-9	Gabrieleno	2.16.840.1.113883.5.104
2-L	1262-5	Grand Ronde	2.16.840.1.113883.5.104
2-S	1264-1	Gros Ventres	2.16.840.1.113883.5.104
3-L	1265-8	Atsina	2.16.840.1.113883.5.104
2-L	1267-4	Haliwa	2.16.840.1.113883.5.104
2-L	1269-0	Hidatsa	2.16.840.1.113883.5.104
2-S	1271-6	Hoopa	2.16.840.1.113883.5.104
3-L	1272-4	Trinity	2.16.840.1.113883.5.104
3-L	1273-2	Whilkut	2.16.840.1.113883.5.104
2-L	1275-7	Hoopa Extension	2.16.840.1.113883.5.104
2-L	1277-3	Houma	2.16.840.1.113883.5.104
2-L	1279-9	Inaja-Cosmit	2.16.840.1.113883.5.104
2-S	1281-5	Iowa	2.16.840.1.113883.5.104
3-L	1282-3	Iowa of Kansas-Nebraska	2.16.840.1.113883.5.104
3-L	1283-1	Iowa of Oklahoma	2.16.840.1.113883.5.104
2-S	1285-6	Iroquois	2.16.840.1.113883.5.104
3-L	1286-4	Cayuga	2.16.840.1.113883.5.104
3-L	1287-2	Mohawk	2.16.840.1.113883.5.104

3-L	1288-0	Oneida	2.16.840.1.113883.5.104
3-L	1289-8	Onondaga	2.16.840.1.113883.5.104
3-L	1290-6	Seneca	2.16.840.1.113883.5.104
3-L	1291-4	Seneca Nation	2.16.840.1.113883.5.104
3-L	1292-2	Seneca-Cayuga	2.16.840.1.113883.5.104
3-L	1293-0	Tonawanda Seneca	2.16.840.1.113883.5.104
3-L	1294-8	Tuscarora	2.16.840.1.113883.5.104
3-L	1295-5	Wyandotte	2.16.840.1.113883.5.104
2-L	1297-1	Juaneno	2.16.840.1.113883.5.104
2-L	1299-7	Kalispel	2.16.840.1.113883.5.104
2-L	1301-1	Karuk	2.16.840.1.113883.5.104
2-L	1303-7	Kaw	2.16.840.1.113883.5.104
2-S	1305-2	Kickapoo	2.16.840.1.113883.5.104
3-L	1306-0	Oklahoma Kickapoo	2.16.840.1.113883.5.104
3-L	1307-8	Texas Kickapoo	2.16.840.1.113883.5.104
2-S	1309-4	Kiowa	2.16.840.1.113883.5.104
3-L	1310-2	Oklahoma Kiowa	2.16.840.1.113883.5.104
2-S	1312-8	Klallam	2.16.840.1.113883.5.104
3-L	1313-6	Jamestown	2.16.840.1.113883.5.104
3-L	1314-4	Lower Elwha	2.16.840.1.113883.5.104
3-L	1315-1	Port Gamble Klallam	2.16.840.1.113883.5.104
2-L	1317-7	Klamath	2.16.840.1.113883.5.104

2-L	1319-3	Konkow	2.16.840.1.113883.5.104
2-L	1321-9	Kootenai	2.16.840.1.113883.5.104
2-L	1323-5	Lassik	2.16.840.1.113883.5.104
2-S	1325-0	Long Island	2.16.840.1.113883.5.104
3-L	1326-8	Matinecock	2.16.840.1.113883.5.104
3-L	1327-6	Montauk	2.16.840.1.113883.5.104
3-L	1328-4	Poospatuck	2.16.840.1.113883.5.104
3-L	1329-2	Setauket	2.16.840.1.113883.5.104
2-S	1331-8	Luiseno	2.16.840.1.113883.5.104
3-L	1332-6	La Jolla	2.16.840.1.113883.5.104
3-L	1333-4	Pala	2.16.840.1.113883.5.104
3-L	1334-2	Pauma	2.16.840.1.113883.5.104
3-L	1335-9	Pechanga	2.16.840.1.113883.5.104
3-L	1336-7	Soboba	2.16.840.1.113883.5.104
3-L	1337-5	Twenty-Nine Palms	2.16.840.1.113883.5.104
3-L	1338-3	Temecula	2.16.840.1.113883.5.104
2-L	1340-9	Lumbee	2.16.840.1.113883.5.104
2-L	1342-5	Lummi	2.16.840.1.113883.5.104
2-S	1344-1	Maidu	2.16.840.1.113883.5.104
3-L	1345-8	Mountain Maidu	2.16.840.1.113883.5.104
3-L	1346-6	Nishinam	2.16.840.1.113883.5.104
2-L	1348-2	Makah	2.16.840.1.113883.5.104

2-L	1350-8	Maliseet	2.16.840.1.113883.5.104
2-L	1352-4	Mandan	2.16.840.1.113883.5.104
2-L	1354-0	Mattaponi	2.16.840.1.113883.5.104
2-L	1356-5	Menominee	2.16.840.1.113883.5.104
2-S	1358-1	Miami	2.16.840.1.113883.5.104
3-L	1359-9	Illinois Miami	2.16.840.1.113883.5.104
3-L	1360-7	Indiana Miami	2.16.840.1.113883.5.104
3-L	1361-5	Oklahoma Miami	2.16.840.1.113883.5.104
2-L	1363-1	Miccosukee	2.16.840.1.113883.5.104
2-S	1365-6	Micmac	2.16.840.1.113883.5.104
3-L	1366-4	Aroostook	2.16.840.1.113883.5.104
2-L	1368-0	Mission Indians	2.16.840.1.113883.5.104
2-L	1370-6	Miwok	2.16.840.1.113883.5.104
2-L	1372-2	Modoc	2.16.840.1.113883.5.104
2-L	1374-8	Mohegan	2.16.840.1.113883.5.104
2-L	1376-3	Mono	2.16.840.1.113883.5.104
2-L	1378-9	Nanticoke	2.16.840.1.113883.5.104
2-L	1380-5	Narragansett	2.16.840.1.113883.5.104
2-S	1382-1	Navajo	2.16.840.1.113883.5.104
3-L	1383-9	Alamo Navajo	2.16.840.1.113883.5.104
3-L	1384-7	Canoncito Navajo	2.16.840.1.113883.5.104
3-L	1385-4	Ramah Navajo	2.16.840.1.113883.5.104

2-L	1387-0	Nez Perce	2.16.840.1.113883.5.104
2-L	1389-6	Nomalaki	2.16.840.1.113883.5.104
2-S	1391-2	Northwest Tribes	2.16.840.1.113883.5.104
3-L	1392-0	Alsea	2.16.840.1.113883.5.104
3-L	1393-8	Celilo	2.16.840.1.113883.5.104
3-L	1394-6	Columbia	2.16.840.1.113883.5.104
3-L	1395-3	Kalapuya	2.16.840.1.113883.5.104
3-L	1396-1	Molala	2.16.840.1.113883.5.104
3-L	1397-9	Talakamish	2.16.840.1.113883.5.104
3-L	1398-7	Tenino	2.16.840.1.113883.5.104
3-L	1399-5	Tillamook	2.16.840.1.113883.5.104
3-L	1400-1	Wenatchee	2.16.840.1.113883.5.104
3-L	1401-9	Yahooskin	2.16.840.1.113883.5.104
2-L	1403-5	Omaha	2.16.840.1.113883.5.104
2-L	1405-0	Oregon Athabaskan	2.16.840.1.113883.5.104
2-L	1407-6	Osage	2.16.840.1.113883.5.104
2-L	1409-2	Otoe-Missouria	2.16.840.1.113883.5.104
2-S	1411-8	Ottawa	2.16.840.1.113883.5.104
3-L	1412-6	Burt Lake Ottawa	2.16.840.1.113883.5.104
3-L	1413-4	Michigan Ottawa	2.16.840.1.113883.5.104
3-L	1414-2	Oklahoma Ottawa	2.16.840.1.113883.5.104
2-S	1416-7	Paiute	2.16.840.1.113883.5.104

3-L	1417-5	Bishop	2.16.840.1.113883.5.104
3-L	1418-3	Bridgeport	2.16.840.1.113883.5.104
3-L	1419-1	Burns Paiute	2.16.840.1.113883.5.104
3-L	1420-9	Cedarville	2.16.840.1.113883.5.104
3-L	1421-7	Fort Bidwell	2.16.840.1.113883.5.104
3-L	1422-5	Fort Independence	2.16.840.1.113883.5.104
3-L	1423-3	Kaibab	2.16.840.1.113883.5.104
3-L	1424-1	Las Vegas	2.16.840.1.113883.5.104
3-L	1425-8	Lone Pine	2.16.840.1.113883.5.104
3-L	1426-6	Lovelock	2.16.840.1.113883.5.104
3-L	1427-4	Malheur Paiute	2.16.840.1.113883.5.104
3-L	1428-2	Moapa	2.16.840.1.113883.5.104
3-L	1429-0	Northern Paiute	2.16.840.1.113883.5.104
3-L	1430-8	Owens Valley	2.16.840.1.113883.5.104
3-L	1431-6	Pyramid Lake	2.16.840.1.113883.5.104
3-L	1432-4	San Juan Southern Paiute	2.16.840.1.113883.5.104
3-L	1433-2	Southern Paiute	2.16.840.1.113883.5.104
3-L	1434-0	Summit Lake	2.16.840.1.113883.5.104
3-L	1435-7	Utu Utu Gwaitu Paiute	2.16.840.1.113883.5.104
3-L	1436-5	Walker River	2.16.840.1.113883.5.104
3-L	1437-3	Yerington Paiute	2.16.840.1.113883.5.104
2-L	1439-9	Pamunkey	2.16.840.1.113883.5.104

2-S	1441-5	Passamaquoddy	2.16.840.1.113883.5.104
3-L	1442-3	Indian Township	2.16.840.1.113883.5.104
3-L	1443-1	Pleasant Point Passamaquoddy	2.16.840.1.113883.5.104
2-S	1445-6	Pawnee	2.16.840.1.113883.5.104
3-L	1446-4	Oklahoma Pawnee	2.16.840.1.113883.5.104
2-L	1448-0	Penobscot	2.16.840.1.113883.5.104
2-S	1450-6	Peoria	2.16.840.1.113883.5.104
3-L	1451-4	Oklahoma Peoria	2.16.840.1.113883.5.104
2-S	1453-0	Pequot	2.16.840.1.113883.5.104
3-L	1454-8	Marshantucket Pequot	2.16.840.1.113883.5.104
2-S	1456-3	Pima	2.16.840.1.113883.5.104
3-L	1457-1	Gila River Pima-Maricopa	2.16.840.1.113883.5.104
3-L	1458-9	Salt River Pima-Maricopa	2.16.840.1.113883.5.104
2-L	1460-5	Piscataway	2.16.840.1.113883.5.104
2-L	1462-1	Pit River	2.16.840.1.113883.5.104
2-S	1464-7	Pomo	2.16.840.1.113883.5.104
3-L	1465-4	Central Pomo	2.16.840.1.113883.5.104
3-L	1466-2	Dry Creek	2.16.840.1.113883.5.104
3-L	1467-0	Eastern Pomo	2.16.840.1.113883.5.104
3-L	1468-8	Kashia	2.16.840.1.113883.5.104
3-L	1469-6	Northern Pomo	2.16.840.1.113883.5.104
3-L	1470-4	Scotts Valley	2.16.840.1.113883.5.104

3-L	1471-2	Stonyford	2.16.840.1.113883.5.104
3-L	1472-0	Sulphur Bank	2.16.840.1.113883.5.104
2-S	1474-6	Ponca	2.16.840.1.113883.5.104
3-L	1475-3	Nebraska Ponca	2.16.840.1.113883.5.104
3-L	1476-1	Oklahoma Ponca	2.16.840.1.113883.5.104
2-S	1478-7	Potawatomi	2.16.840.1.113883.5.104
3-L	1479-5	Citizen Band Potawatomi	2.16.840.1.113883.5.104
3-L	1480-3	Forest County	2.16.840.1.113883.5.104
3-L	1481-1	Hannahville	2.16.840.1.113883.5.104
3-L	1482-9	Huron Potawatomi	2.16.840.1.113883.5.104
3-L	1483-7	Pokagon Potawatomi	2.16.840.1.113883.5.104
3-L	1484-5	Prairie Band	2.16.840.1.113883.5.104
3-L	1485-2	Wisconsin Potawatomi	2.16.840.1.113883.5.104
2-L	1487-8	Powhatan	2.16.840.1.113883.5.104
2-S	1489-4	Pueblo	2.16.840.1.113883.5.104
3-L	1490-2	Acoma	2.16.840.1.113883.5.104
3-L	1491-0	Arizona Tewa	2.16.840.1.113883.5.104
3-L	1492-8	Cochiti	2.16.840.1.113883.5.104
3-L	1493-6	Hopi	2.16.840.1.113883.5.104
3-L	1494-4	Isleta	2.16.840.1.113883.5.104
3-L	1495-1	Jemez	2.16.840.1.113883.5.104
3-L	1496-9	Keres	2.16.840.1.113883.5.104

3-L	1497-7	Laguna	2.16.840.1.113883.5.104
3-L	1498-5	Nambe	2.16.840.1.113883.5.104
3-L	1499-3	Picuris	2.16.840.1.113883.5.104
3-L	1500-8	Piro	2.16.840.1.113883.5.104
3-L	1501-6	Pojoaque	2.16.840.1.113883.5.104
3-L	1502-4	San Felipe	2.16.840.1.113883.5.104
3-L	1503-2	San Ildefonso	2.16.840.1.113883.5.104
3-L	1504-0	San Juan Pueblo	2.16.840.1.113883.5.104
3-L	1505-7	San Juan De	2.16.840.1.113883.5.104
3-L	1506-5	San Juan	2.16.840.1.113883.5.104
3-L	1507-3	Sandia	2.16.840.1.113883.5.104
3-L	1508-1	Santa Ana	2.16.840.1.113883.5.104
3-L	1509-9	Santa Clara	2.16.840.1.113883.5.104
3-L	1510-7	Santo Domingo	2.16.840.1.113883.5.104
3-L	1511-5	Taos	2.16.840.1.113883.5.104
3-L	1512-3	Tesuque	2.16.840.1.113883.5.104
3-L	1513-1	Tewa	2.16.840.1.113883.5.104
3-L	1514-9	Tigua	2.16.840.1.113883.5.104
3-L	1515-6	Zia	2.16.840.1.113883.5.104
3-L	1516-4	Zuni	2.16.840.1.113883.5.104
2-S	1518-0	Puget Sound Salish	2.16.840.1.113883.5.104
3-L	1519-8	Duwamish	2.16.840.1.113883.5.104




3-L	1520-6	Kikiallus	2.16.840.1.113883.5.104
3-L	1521-4	Lower Skagit	2.16.840.1.113883.5.104
3-L	1522-2	Muckleshoot	2.16.840.1.113883.5.104
3-L	1523-0	Nisqually	2.16.840.1.113883.5.104
3-L	1524-8	Nooksack	2.16.840.1.113883.5.104
3-L	1525-5	Port Madison	2.16.840.1.113883.5.104
3-L	1526-3	Puyallup	2.16.840.1.113883.5.104
3-L	1527-1	Samish	2.16.840.1.113883.5.104
3-L	1528-9	Sauk-Suiattle	2.16.840.1.113883.5.104
3-L	1529-7	Skokomish	2.16.840.1.113883.5.104
3-L	1530-5	Skykomish	2.16.840.1.113883.5.104
3-L	1531-3	Snohomish	2.16.840.1.113883.5.104
3-L	1532-1	Snoqualmie	2.16.840.1.113883.5.104
3-L	1533-9	Squaxin Island	2.16.840.1.113883.5.104
3-L	1534-7	Steilacoom	2.16.840.1.113883.5.104
3-L	1535-4	Stillaguamish	2.16.840.1.113883.5.104
3-L	1536-2	Suquamish	2.16.840.1.113883.5.104
3-L	1537-0	Swinomish	2.16.840.1.113883.5.104
3-L	1538-8	Tulalip	2.16.840.1.113883.5.104
3-L	1539-6	Upper Skagit	2.16.840.1.113883.5.104
2-L	1541-2	Quapaw	2.16.840.1.113883.5.104
2-L	1543-8	Quinault	2.16.840.1.113883.5.104


2-L	1545-3	Rappahannock	2.16.840.1.113883.5.104
2-L	1547-9	Reno-Sparks	2.16.840.1.113883.5.104
2-L	1549-5	Round Valley	2.16.840.1.113883.5.104
2-S	1551-1	Sac and Fox	2.16.840.1.113883.5.104
3-L	1552-9	Iowa Sac and Fox	2.16.840.1.113883.5.104
3-L	1553-7	Missouri Sac and Fox	2.16.840.1.113883.5.104
3-L	1554-5	Oklahoma Sac and Fox	2.16.840.1.113883.5.104
2-L	1556-0	Salinan	2.16.840.1.113883.5.104
2-L	1558-6	Salish	2.16.840.1.113883.5.104
2-L	1560-2	Salish and Kootenai	2.16.840.1.113883.5.104
2-L	1562-8	Schaghticoke	2.16.840.1.113883.5.104
2-L	1564-4	Scott Valley	2.16.840.1.113883.5.104
2-S	1566-9	Seminole	2.16.840.1.113883.5.104
3-L	1567-7	Big Cypress	2.16.840.1.113883.5.104

This value set has 921 codes in it. In order to keep the publication size manageable, only a selection (500 codes) of the whole set of codes is shown.

Legenda: Type L=leaf, S=specializable, A=abstract, D=deprecated. NullFlavors to appear in @nullFlavor attribute instead of @code.

6.1.49 ReligiousAffiliation 2.16.840.1.113883.1.11.19185 - 2014-03-26 (DEFN=UV=VO=1360-20160323) (from repository: ad2bbr-)

Id	2.16.840.1.113883.1.11.19185  ad2bbr-	Effective Date	2014-03-26 Other versions this id:
			<ul style="list-style-type: none">  ReligiousAffiliationDEFN=UV=VO=1099-20110726 - as of 2011-07-26  ad2bbr-

Status	 Final	Version Label	DEFN=UV=VO=1360-20160323
Name	ReligiousAffiliation	Display Name	ReligiousAffiliation
Description	<p>History description 2014-03-26: Lock all vaue sets untouched since 2014-03-26 to trackingId 2014T1_2014_03_26</p> <p>description:</p> <p>Assigment of spiritual faith affiliation</p>		
Source Code System	2.16.840.1.113883.5.1076		

Level/ Type	Code	Display Name	Code System
0-L	1001	Adventist	2.16.840.1.113883.5.1076
0-L	1002	African Religions	2.16.840.1.113883.5.1076
0-L	1003	Afro-Caribbean Religions	2.16.840.1.113883.5.1076
0-L	1004	Agnosticism	2.16.840.1.113883.5.1076
0-L	1005	Anglican	2.16.840.1.113883.5.1076
0-L	1006	Animism	2.16.840.1.113883.5.1076
0-L	1007	Atheism	2.16.840.1.113883.5.1076
0-L	1008	Babi & Baha'I faiths	2.16.840.1.113883.5.1076
0-L	1009	Baptist	2.16.840.1.113883.5.1076
0-L	1010	Bon	2.16.840.1.113883.5.1076
0-L	1011	Cao Dai	2.16.840.1.113883.5.1076
0-L	1012	Celticism	2.16.840.1.113883.5.1076
0-L	1013	Christian (non-Catholic, non-specific)	2.16.840.1.113883.5.1076
0-L	1014	Confucianism	2.16.840.1.113883.5.1076
0-L	1015	Cyberculture Religions	2.16.840.1.113883.5.1076

0-L	1016	Divination	2.16.840.1.113883.5.1076
0-L	1017	Fourth Way	2.16.840.1.113883.5.1076
0-L	1018	Free Daism	2.16.840.1.113883.5.1076
0-L	1019	Gnosis	2.16.840.1.113883.5.1076
0-L	1020	Hinduism	2.16.840.1.113883.5.1076
0-L	1021	Humanism	2.16.840.1.113883.5.1076
0-L	1022	Independent	2.16.840.1.113883.5.1076
0-L	1023	Islam	2.16.840.1.113883.5.1076
0-L	1024	Jainism	2.16.840.1.113883.5.1076
0-L	1025	Jehovah's Witnesses	2.16.840.1.113883.5.1076
0-L	1026	Judaism	2.16.840.1.113883.5.1076
0-L	1027	Latter Day Saints	2.16.840.1.113883.5.1076
0-L	1028	Lutheran	2.16.840.1.113883.5.1076
0-L	1029	Mahayana	2.16.840.1.113883.5.1076
0-L	1030	Meditation	2.16.840.1.113883.5.1076
0-L	1031	Messianic Judaism	2.16.840.1.113883.5.1076
0-L	1032	Mitraism	2.16.840.1.113883.5.1076
0-L	1033	New Age	2.16.840.1.113883.5.1076
0-L	1034	non-Roman Catholic	2.16.840.1.113883.5.1076
0-L	1035	Occult	2.16.840.1.113883.5.1076
0-L	1036	Orthodox	2.16.840.1.113883.5.1076
0-L	1037	Paganism	2.16.840.1.113883.5.1076

0-L	1038	Pentecostal	2.16.840.1.113883.5.1076
0-L	1039	Process, The	2.16.840.1.113883.5.1076
0-L	1040	Reformed/Presbyterian	2.16.840.1.113883.5.1076
0-L	1041	Roman Catholic Church	2.16.840.1.113883.5.1076
0-L	1042	Satanism	2.16.840.1.113883.5.1076
0-L	1043	Scientology	2.16.840.1.113883.5.1076
0-L	1044	Shamanism	2.16.840.1.113883.5.1076
0-L	1045	Shiite (Islam)	2.16.840.1.113883.5.1076
0-L	1046	Shinto	2.16.840.1.113883.5.1076
0-L	1047	Sikism	2.16.840.1.113883.5.1076
0-L	1048	Spiritualism	2.16.840.1.113883.5.1076
0-L	1049	Sunni (Islam)	2.16.840.1.113883.5.1076
0-L	1050	Taoism	2.16.840.1.113883.5.1076
0-L	1051	Theravada	2.16.840.1.113883.5.1076
0-L	1052	Unitarian-Universalism	2.16.840.1.113883.5.1076
0-L	1053	Universal Life Church	2.16.840.1.113883.5.1076
0-L	1054	Vajrayana (Tibetan)	2.16.840.1.113883.5.1076
0-L	1055	Veda	2.16.840.1.113883.5.1076
0-L	1056	Voodoo	2.16.840.1.113883.5.1076
0-L	1057	Wicca	2.16.840.1.113883.5.1076
0-L	1058	Yaohushua	2.16.840.1.113883.5.1076
0-L	1059	Zen Buddhism	2.16.840.1.113883.5.1076




0-L	1060	Zoroastrianism	2.16.840.1.113883.5.1076
0-L	1061	Assembly of God	2.16.840.1.113883.5.1076
0-L	1062	Brethren	2.16.840.1.113883.5.1076
0-L	1063	Christian Scientist	2.16.840.1.113883.5.1076
0-L	1064	Church of Christ	2.16.840.1.113883.5.1076
0-L	1065	Church of God	2.16.840.1.113883.5.1076
0-L	1066	Congregational	2.16.840.1.113883.5.1076
0-L	1067	Disciples of Christ	2.16.840.1.113883.5.1076
0-L	1068	Eastern Orthodox	2.16.840.1.113883.5.1076
0-L	1069	Episcopalian	2.16.840.1.113883.5.1076
0-L	1070	Evangelical Covenant	2.16.840.1.113883.5.1076
0-L	1071	Friends	2.16.840.1.113883.5.1076
0-L	1072	Full Gospel	2.16.840.1.113883.5.1076
0-L	1073	Methodist	2.16.840.1.113883.5.1076
0-L	1074	Native American	2.16.840.1.113883.5.1076
0-L	1075	Nazarene	2.16.840.1.113883.5.1076
0-L	1076	Presbyterian	2.16.840.1.113883.5.1076
0-L	1077	Protestant	2.16.840.1.113883.5.1076
0-L	1078	Protestant, No Denomination	2.16.840.1.113883.5.1076
0-L	1079	Reformed	2.16.840.1.113883.5.1076
0-L	1080	Salvation Army	2.16.840.1.113883.5.1076
0-L	1081	Unitarian Universalist	2.16.840.1.113883.5.1076

0-L	1082	United Church of Christ	2.16.840.1.113883.5.1076
0-L	1061	Assembly of God	2.16.840.1.113883.5.1076
0-L	1062	Brethren	2.16.840.1.113883.5.1076
0-L	1063	Christian Scientist	2.16.840.1.113883.5.1076
0-L	1064	Church of Christ	2.16.840.1.113883.5.1076
0-L	1065	Church of God	2.16.840.1.113883.5.1076
0-L	1066	Congregational	2.16.840.1.113883.5.1076
0-L	1067	Disciples of Christ	2.16.840.1.113883.5.1076
0-L	1068	Eastern Orthodox	2.16.840.1.113883.5.1076
0-L	1069	Episcopalian	2.16.840.1.113883.5.1076
0-L	1070	Evangelical Covenant	2.16.840.1.113883.5.1076
0-L	1071	Friends	2.16.840.1.113883.5.1076
0-L	1072	Full Gospel	2.16.840.1.113883.5.1076
0-L	1073	Methodist	2.16.840.1.113883.5.1076
0-L	1074	Native American	2.16.840.1.113883.5.1076
0-L	1075	Nazarene	2.16.840.1.113883.5.1076
0-L	1076	Presbyterian	2.16.840.1.113883.5.1076
0-L	1077	Protestant	2.16.840.1.113883.5.1076
0-L	1078	Protestant, No Denomination	2.16.840.1.113883.5.1076
0-L	1079	Reformed	2.16.840.1.113883.5.1076
0-L	1080	Salvation Army	2.16.840.1.113883.5.1076
0-L	1081	Unitarian Universalist	2.16.840.1.113883.5.1076

0-L	1082	United Church of Christ	2.16.840.1.113883.5.1076
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Legenda: Type L=leaf, S=specializable, A=abstract, D=deprecated. NullFlavors to appear in @nullFlavor attribute instead of @code.

6.1.50 ReligiousAffiliation 2.16.840.1.113883.1.11.19185 - 2011-07-26 (DEFN=UV=VO=1099-20110726) (from repository: ad2bbr-)

Id	2.16.840.1.113883.1.11.19185  ad2bbr-	Effective Date	2011-07-26 Other versions this id: <ul style="list-style-type: none">  ReligiousAffiliationDEFN=UV=VO=1360-20160323 - as of 2014-03-26  ad2bbr-
Status	 Final	Version Label	DEFN=UV=VO=1099-20110726
Name	ReligiousAffiliation	Display Name	ReligiousAffiliation
Description	description: Assigment of spiritual faith affiliation		
Source Code System	2.16.840.1.113883.5.1076		

Level/ Type	Code	Display Name	Code System
0-L	1001	Adventist	2.16.840.1.113883.5.1076
0-L	1002	African Religions	2.16.840.1.113883.5.1076
0-L	1003	Afro-Caribbean Religions	2.16.840.1.113883.5.1076
0-L	1004	Agnosticism	2.16.840.1.113883.5.1076
0-L	1005	Anglican	2.16.840.1.113883.5.1076
0-L	1006	Animism	2.16.840.1.113883.5.1076
0-L	1007	Atheism	2.16.840.1.113883.5.1076
0-L	1008	Babi & Baha'I faiths	2.16.840.1.113883.5.1076

0-L	1009	Baptist	2.16.840.1.113883.5.1076
0-L	1010	Bon	2.16.840.1.113883.5.1076
0-L	1011	Cao Dai	2.16.840.1.113883.5.1076
0-L	1012	Celticism	2.16.840.1.113883.5.1076
0-L	1013	Christian (non-Catholic, non-specific)	2.16.840.1.113883.5.1076
0-L	1014	Confucianism	2.16.840.1.113883.5.1076
0-L	1015	Cyberculture Religions	2.16.840.1.113883.5.1076
0-L	1016	Divination	2.16.840.1.113883.5.1076
0-L	1017	Fourth Way	2.16.840.1.113883.5.1076
0-L	1018	Free Daism	2.16.840.1.113883.5.1076
0-L	1019	Gnosis	2.16.840.1.113883.5.1076
0-L	1020	Hinduism	2.16.840.1.113883.5.1076
0-L	1021	Humanism	2.16.840.1.113883.5.1076
0-L	1022	Independent	2.16.840.1.113883.5.1076
0-L	1023	Islam	2.16.840.1.113883.5.1076
0-L	1024	Jainism	2.16.840.1.113883.5.1076
0-L	1025	Jehovah's Witnesses	2.16.840.1.113883.5.1076
0-L	1026	Judaism	2.16.840.1.113883.5.1076
0-L	1027	Latter Day Saints	2.16.840.1.113883.5.1076
0-L	1028	Lutheran	2.16.840.1.113883.5.1076
0-L	1029	Mahayana	2.16.840.1.113883.5.1076
0-L	1030	Meditation	2.16.840.1.113883.5.1076

0-L	1031	Messianic Judaism	2.16.840.1.113883.5.1076
0-L	1032	Mittraism	2.16.840.1.113883.5.1076
0-L	1033	New Age	2.16.840.1.113883.5.1076
0-L	1034	non-Roman Catholic	2.16.840.1.113883.5.1076
0-L	1035	Occult	2.16.840.1.113883.5.1076
0-L	1036	Orthodox	2.16.840.1.113883.5.1076
0-L	1037	Paganism	2.16.840.1.113883.5.1076
0-L	1038	Pentecostal	2.16.840.1.113883.5.1076
0-L	1039	Process, The	2.16.840.1.113883.5.1076
0-L	1040	Reformed/Presbyterian	2.16.840.1.113883.5.1076
0-L	1041	Roman Catholic Church	2.16.840.1.113883.5.1076
0-L	1042	Satanism	2.16.840.1.113883.5.1076
0-L	1043	Scientology	2.16.840.1.113883.5.1076
0-L	1044	Shamanism	2.16.840.1.113883.5.1076
0-L	1045	Shiite (Islam)	2.16.840.1.113883.5.1076
0-L	1046	Shinto	2.16.840.1.113883.5.1076
0-L	1047	Sikism	2.16.840.1.113883.5.1076
0-L	1048	Spiritualism	2.16.840.1.113883.5.1076
0-L	1049	Sunni (Islam)	2.16.840.1.113883.5.1076
0-L	1050	Taoism	2.16.840.1.113883.5.1076
0-L	1051	Theravada	2.16.840.1.113883.5.1076
0-L	1052	Unitarian-Universalism	2.16.840.1.113883.5.1076

0-L	1053	Universal Life Church	2.16.840.1.113883.5.1076
0-L	1054	Vajrayana (Tibetan)	2.16.840.1.113883.5.1076
0-L	1055	Veda	2.16.840.1.113883.5.1076
0-L	1056	Voodoo	2.16.840.1.113883.5.1076
0-L	1057	Wicca	2.16.840.1.113883.5.1076
0-L	1058	Yaohushua	2.16.840.1.113883.5.1076
0-L	1059	Zen Buddhism	2.16.840.1.113883.5.1076
0-L	1060	Zoroastrianism	2.16.840.1.113883.5.1076
0-L	1061	Assembly of God	2.16.840.1.113883.5.1076
0-L	1062	Brethren	2.16.840.1.113883.5.1076
0-L	1063	Christian Scientist	2.16.840.1.113883.5.1076
0-L	1064	Church of Christ	2.16.840.1.113883.5.1076
0-L	1065	Church of God	2.16.840.1.113883.5.1076
0-L	1066	Congregational	2.16.840.1.113883.5.1076
0-L	1067	Disciples of Christ	2.16.840.1.113883.5.1076
0-L	1068	Eastern Orthodox	2.16.840.1.113883.5.1076
0-L	1069	Episcopalian	2.16.840.1.113883.5.1076
0-L	1070	Evangelical Covenant	2.16.840.1.113883.5.1076
0-L	1071	Friends	2.16.840.1.113883.5.1076
0-L	1072	Full Gospel	2.16.840.1.113883.5.1076
0-L	1073	Methodist	2.16.840.1.113883.5.1076
0-L	1074	Native American	2.16.840.1.113883.5.1076

0-L	1075	Nazarene	2.16.840.1.113883.5.1076
0-L	1076	Presbyterian	2.16.840.1.113883.5.1076
0-L	1077	Protestant	2.16.840.1.113883.5.1076
0-L	1078	Protestant, No Denomination	2.16.840.1.113883.5.1076
0-L	1079	Reformed	2.16.840.1.113883.5.1076
0-L	1080	Salvation Army	2.16.840.1.113883.5.1076
0-L	1081	Unitarian Universalist	2.16.840.1.113883.5.1076
0-L	1082	United Church of Christ	2.16.840.1.113883.5.1076
0-L	1061	Assembly of God	2.16.840.1.113883.5.1076
0-L	1062	Brethren	2.16.840.1.113883.5.1076
0-L	1063	Christian Scientist	2.16.840.1.113883.5.1076
0-L	1064	Church of Christ	2.16.840.1.113883.5.1076
0-L	1065	Church of God	2.16.840.1.113883.5.1076
0-L	1066	Congregational	2.16.840.1.113883.5.1076
0-L	1067	Disciples of Christ	2.16.840.1.113883.5.1076
0-L	1068	Eastern Orthodox	2.16.840.1.113883.5.1076
0-L	1069	Episcopalian	2.16.840.1.113883.5.1076
0-L	1070	Evangelical Covenant	2.16.840.1.113883.5.1076
0-L	1071	Friends	2.16.840.1.113883.5.1076
0-L	1072	Full Gospel	2.16.840.1.113883.5.1076
0-L	1073	Methodist	2.16.840.1.113883.5.1076
0-L	1074	Native American	2.16.840.1.113883.5.1076

0-L	1075	Nazarene	2.16.840.1.113883.5.1076
0-L	1076	Presbyterian	2.16.840.1.113883.5.1076
0-L	1077	Protestant	2.16.840.1.113883.5.1076
0-L	1078	Protestant, No Denomination	2.16.840.1.113883.5.1076
0-L	1079	Reformed	2.16.840.1.113883.5.1076
0-L	1080	Salvation Army	2.16.840.1.113883.5.1076
0-L	1081	Unitarian Universalist	2.16.840.1.113883.5.1076
0-L	1082	United Church of Christ	2.16.840.1.113883.5.1076

Legenda: Type L=leaf, S=specializable, A=abstract, D=deprecated. NullFlavors to appear in @nullFlavor attribute instead of @code.

6.1.51 ○ RoleClassAssociative 2.16.840.1.113883.1.11.19313 - 2014-03-26 (DEFN=UV=VO=1360-20160323) ref (from repository: ad2bbr-)

Id	2.16.840.1.113883.1.11.19313 ref ad2bbr-	Effective Date	2014-03-26 Other versions this id: <ul style="list-style-type: none"> ● RoleClassAssociativeDEFN=UV=VO=1099-20110726 - as of 2011-07-26 ref ad2bbr-
Status	● Final	Version Label	DEFN=UV=VO=1360-20160323
Name	RoleClassAssociative	Display Name	RoleClassAssociative
Description	<p>History description 2014-03-26: Lock all vaue sets untouched since 2014-03-26 to trackingId 2014T1_2014_03_26</p> <p>description:</p> <p>A general association between two entities that is neither partitive nor ontological.</p>		
Source Code System	2.16.840.1.113883.5.110		
Level/ Type	Code	Display Name	Code System

1-A	_RoleClassMutualRelationship	RoleClassMutualRelationship	2.16.840.1.113883.5.110
2-A	_RoleClassRelationshipFormal	RoleClassRelationshipFormal	2.16.840.1.113883.5.110
3-L	AFFL	affiliate	2.16.840.1.113883.5.110
3-S	AGNT	agent	2.16.840.1.113883.5.110
4-S	ASSIGNED	assigned entity	2.16.840.1.113883.5.110
5-L	COMPAR	commissioning party	2.16.840.1.113883.5.110
5-L	SGNOFF	signing authority or officer	2.16.840.1.113883.5.110
4-S	CON	contact	2.16.840.1.113883.5.110
5-L	ECON	emergency contact	2.16.840.1.113883.5.110
5-L	NOK	next of kin	2.16.840.1.113883.5.110
4-L	GUARD	guardian	2.16.840.1.113883.5.110
3-L	CIT	citizen	2.16.840.1.113883.5.110
3-S	COVPTY	covered party	2.16.840.1.113883.5.110
4-L	CLAIM	claimant	2.16.840.1.113883.5.110
4-S	NAMED	named insured	2.16.840.1.113883.5.110
5-L	DEPEN	dependent	2.16.840.1.113883.5.110
5-L	INDIV	individual	2.16.840.1.113883.5.110
5-L	SUBSCR	subscriber	2.16.840.1.113883.5.110
4-L	PROG	program eligible	2.16.840.1.113883.5.110
3-L	CRINV	clinical research investigator	2.16.840.1.113883.5.110
3-L	CRSPNSR	clinical research sponsor	2.16.840.1.113883.5.110
3-S	EMP	employee	2.16.840.1.113883.5.110

4-L	MIL	military person	2.16.840.1.113883.5.110
3-L	GUAR	guarantor GuarantorRole	2.16.840.1.113883.5.110
3-S	INVSBJ	Investigation Subject	2.16.840.1.113883.5.110
4-L	CASEBJ	Case Subject	2.16.840.1.113883.5.110
4-L	RESBJ	research subject	2.16.840.1.113883.5.110
3-S	LIC	licensed entity	2.16.840.1.113883.5.110
4-L	NOT	notary public	2.16.840.1.113883.5.110
4-L	PROV	healthcare provider	2.16.840.1.113883.5.110
3-L	PAT	patient	2.16.840.1.113883.5.110
3-L	PAYEE	payee	2.16.840.1.113883.5.110
3-L	PAYOR	invoice payor	2.16.840.1.113883.5.110
3-L	POLHOLD	policy holder	2.16.840.1.113883.5.110
3-L	QUAL	qualified entity	2.16.840.1.113883.5.110
3-L	SPNSR	coverage sponsor	2.16.840.1.113883.5.110
3-L	STD	student	2.16.840.1.113883.5.110
3-L	UNDWRT	underwriter	2.16.840.1.113883.5.110
2-L	CAREGIVER	caregiver	2.16.840.1.113883.5.110
2-L	PRS	personal relationship	2.16.840.1.113883.5.110
1-A	_RoleClassPassive	RoleClassPassive	2.16.840.1.113883.5.110
2-L	ACCESS	access	2.16.840.1.113883.5.110
2-S	ADJY	adjacency	2.16.840.1.113883.5.110
3-S	CONC	connection	2.16.840.1.113883.5.110

4-L	BOND	molecular bond	2.16.840.1.113883.5.110
4-L	CONY	continuity	2.16.840.1.113883.5.110
2-L	ADMM	Administerable Material	2.16.840.1.113883.5.110
2-L	BIRTHPL	birthplace	2.16.840.1.113883.5.110
2-L	DEATHPLC	place of death	2.16.840.1.113883.5.110
2-S	DST	distributed material	2.16.840.1.113883.5.110
3-L	RET	retailed material	2.16.840.1.113883.5.110
2-S	EXLOC	event location	2.16.840.1.113883.5.110
3-S	SDLOC	service delivery location	2.16.840.1.113883.5.110
4-L	DSDLOC	dedicated service delivery location health care facility	2.16.840.1.113883.5.110
4-L	ISDLOC	incidental service delivery location	2.16.840.1.113883.5.110
2-L	EXPR	exposed entity	2.16.840.1.113883.5.110
2-L	HLD	held entity	2.16.840.1.113883.5.110
2-L	HLTHCHRT	health chart	2.16.840.1.113883.5.110
2-L	IDENT	identified entity	2.16.840.1.113883.5.110
2-S	MANU	manufactured product	2.16.840.1.113883.5.110
3-L	THER	therapeutic agent	2.16.840.1.113883.5.110
2-L	MNT	maintained entity	2.16.840.1.113883.5.110
2-L	OWN	owned entity	2.16.840.1.113883.5.110
2-L	RGPR	regulated product	2.16.840.1.113883.5.110
2-L	TERR	territory of authority	2.16.840.1.113883.5.110
2-L	USED	used entity	2.16.840.1.113883.5.110

2-L	WRTE	warranted product	2.16.840.1.113883.5.110
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Legenda: Type L=leaf, S=specializable, A=abstract, D=deprecated. NullFlavors to appear in @nullFlavor attribute instead of @code.

6.1.52 ○ RoleClassAssociative 2.16.840.1.113883.1.11.19313 - 2011-07-26 (DEFN=UV=VO=1099-20110726) ref (from repository: ad2bbr-)

Id	2.16.840.1.113883.1.11.19313 ref ad2bbr-	Effective Date	2011-07-26 Other versions this id: <ul style="list-style-type: none"> ● RoleClassAssociativeDEFN=UV=VO=1360-20160323 - as of 2014-03-26 ref ad2bbr-
Status	● Final	Version Label	DEFN=UV=VO=1099-20110726
Name	RoleClassAssociative	Display Name	RoleClassAssociative
Description	<p>description:</p> <p>A general association between two entities that is neither partitive nor ontological.</p>		
Source Code System	2.16.840.1.113883.5.110		

Level/ Type	Code	Display Name	Code System
1-A	_RoleClassMutualRelationship	RoleClassMutualRelationship	2.16.840.1.113883.5.110
2-A	_RoleClassRelationshipFormal	RoleClassRelationshipFormal	2.16.840.1.113883.5.110
3-L	AFFL	affiliate	2.16.840.1.113883.5.110
3-S	AGNT	agent	2.16.840.1.113883.5.110
4-S	ASSIGNED	assigned entity	2.16.840.1.113883.5.110
5-L	COMPAR	commissioning party	2.16.840.1.113883.5.110
5-L	SGNOFF	signing authority or officer	2.16.840.1.113883.5.110
4-S	CON	contact	2.16.840.1.113883.5.110




5-L	ECON	emergency contact	2.16.840.1.113883.5.110
5-L	NOK	next of kin	2.16.840.1.113883.5.110
4-L	GUARD	guardian	2.16.840.1.113883.5.110
3-L	CIT	citizen	2.16.840.1.113883.5.110
3-S	COVPTY	covered party	2.16.840.1.113883.5.110
4-L	CLAIM	claimant	2.16.840.1.113883.5.110
4-S	NAMED	named insured	2.16.840.1.113883.5.110
5-L	DEPEN	dependent	2.16.840.1.113883.5.110
5-L	INDIV	individual	2.16.840.1.113883.5.110
5-L	SUBSCR	subscriber	2.16.840.1.113883.5.110
4-L	PROG	program eligible	2.16.840.1.113883.5.110
3-L	CRINV	clinical research investigator	2.16.840.1.113883.5.110
3-L	CRSPNSR	clinical research sponsor	2.16.840.1.113883.5.110
3-S	EMP	employee	2.16.840.1.113883.5.110
4-L	MIL	military person	2.16.840.1.113883.5.110
3-L	GUAR	guarantor GuarantorRole	2.16.840.1.113883.5.110
3-S	INVSBJ	Investigation Subject	2.16.840.1.113883.5.110
4-L	CASEBJ	Case Subject	2.16.840.1.113883.5.110
4-L	RESBJ	research subject	2.16.840.1.113883.5.110
3-S	LIC	licensed entity	2.16.840.1.113883.5.110
4-L	NOT	notary public	2.16.840.1.113883.5.110
4-L	PROV	healthcare provider	2.16.840.1.113883.5.110


3-L	PAT	patient	2.16.840.1.113883.5.110
3-L	PAYEE	payee	2.16.840.1.113883.5.110
3-L	PAYOR	invoice payor	2.16.840.1.113883.5.110
3-L	POLHOLD	policy holder	2.16.840.1.113883.5.110
3-L	QUAL	qualified entity	2.16.840.1.113883.5.110
3-L	SPNSR	coverage sponsor	2.16.840.1.113883.5.110
3-L	STD	student	2.16.840.1.113883.5.110
3-L	UNDWRT	underwriter	2.16.840.1.113883.5.110
2-L	CAREGIVER	caregiver	2.16.840.1.113883.5.110
2-L	PRS	personal relationship	2.16.840.1.113883.5.110
1-A	_RoleClassPassive	RoleClassPassive	2.16.840.1.113883.5.110
2-L	ACCESS	access	2.16.840.1.113883.5.110
2-S	ADJY	adjacency	2.16.840.1.113883.5.110
3-S	CONC	connection	2.16.840.1.113883.5.110
4-L	BOND	molecular bond	2.16.840.1.113883.5.110
4-L	CONY	continuity	2.16.840.1.113883.5.110
2-L	ADMM	Administerable Material	2.16.840.1.113883.5.110
2-L	BIRTHPL	birthplace	2.16.840.1.113883.5.110
2-L	DEATHPLC	place of death	2.16.840.1.113883.5.110
2-S	DST	distributed material	2.16.840.1.113883.5.110
3-L	RET	retailed material	2.16.840.1.113883.5.110
2-L	EXPR	exposed entity	2.16.840.1.113883.5.110

2-L	HLD	held entity	2.16.840.1.113883.5.110
2-L	HLTHCHRT	health chart	2.16.840.1.113883.5.110
2-L	IDENT	identified entity	2.16.840.1.113883.5.110
2-S	MANU	manufactured product	2.16.840.1.113883.5.110
3-L	THER	therapeutic agent	2.16.840.1.113883.5.110
2-L	MNT	maintained entity	2.16.840.1.113883.5.110
2-L	OWN	owned entity	2.16.840.1.113883.5.110
2-L	RGPR	regulated product	2.16.840.1.113883.5.110
2-S	SDLOC	service delivery location	2.16.840.1.113883.5.110
3-L	DSDLOC	dedicated service delivery location health care facility	2.16.840.1.113883.5.110
3-L	ISDLOC	incidental service delivery location	2.16.840.1.113883.5.110
2-L	TERR	territory of authority	2.16.840.1.113883.5.110
2-L	USED	used entity	2.16.840.1.113883.5.110
2-L	WRTE	warranted product	2.16.840.1.113883.5.110

Legenda: Type L=leaf, S=specializable, A=abstract, D=deprecated. NullFlavors to appear in @nullFlavor attribute instead of @code.

6.1.53 RoleClassMutualRelationship 2.16.840.1.113883.1.11.19316 - 2014-03-26 (DEFN=UV=VO=1360-20160323) (from repository: ad2bbr-)

Id	2.16.840.1.113883.1.11.19316  ad2bbr-	Effective Date	2014-03-26 Other versions this id: <ul style="list-style-type: none">  RoleClassMutualRelationshipDEFN=UV=VO=1099-20110726 - as of 2011-07-26  ad2bbr-
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Status	 Final	Version Label	DEFN=UV=VO=1360-20160323
Name	RoleClassMutualRelationship	Display Name	RoleClassMutualRelationship
Description	<p>History description 2014-03-26: Lock all vaue sets untouched since 2014-03-26 to trackingId 2014T1_2014_03_26</p> <p>description:</p> <p>A relationship that is based on mutual behavior of the two Entities as being related. The basis of such relationship may be agreements (e.g., spouses, contract parties) or they may be <i>de facto</i> behavior (e.g. friends) or may be an incidental involvement with each other (e.g. parties over a dispute, siblings, children).</p>		
Source Code System	2.16.840.1.113883.5.110		

Level/ Type	Code	Display Name	Code System
1-A	_RoleClassRelationshipFormal	RoleClassRelationshipFormal	2.16.840.1.113883.5.110
2-L	AFFL	affiliate	2.16.840.1.113883.5.110
2-S	AGNT	agent	2.16.840.1.113883.5.110
3-S	ASSIGNED	assigned entity	2.16.840.1.113883.5.110
4-L	COMPAR	commissioning party	2.16.840.1.113883.5.110
4-L	SGNOFF	signing authority or officer	2.16.840.1.113883.5.110
3-S	CON	contact	2.16.840.1.113883.5.110
4-L	ECON	emergency contact	2.16.840.1.113883.5.110
4-L	NOK	next of kin	2.16.840.1.113883.5.110
3-L	GUARD	guardian	2.16.840.1.113883.5.110
2-L	CIT	citizen	2.16.840.1.113883.5.110
2-S	COVPTY	covered party	2.16.840.1.113883.5.110
3-L	CLAIM	claimant	2.16.840.1.113883.5.110
3-S	NAMED	named insured	2.16.840.1.113883.5.110

4-L	DEPEN	dependent	2.16.840.1.113883.5.110
4-L	INDIV	individual	2.16.840.1.113883.5.110
4-L	SUBSCR	subscriber	2.16.840.1.113883.5.110
3-L	PROG	program eligible	2.16.840.1.113883.5.110
2-L	CRINV	clinical research investigator	2.16.840.1.113883.5.110
2-L	CRSPNSR	clinical research sponsor	2.16.840.1.113883.5.110
2-S	EMP	employee	2.16.840.1.113883.5.110
3-L	MIL	military person	2.16.840.1.113883.5.110
2-L	GUAR	guarantor GuarantorRole	2.16.840.1.113883.5.110
2-S	INVSBJ	Investigation Subject	2.16.840.1.113883.5.110
3-L	CASEBJ	Case Subject	2.16.840.1.113883.5.110
3-L	RESBJ	research subject	2.16.840.1.113883.5.110
2-S	LIC	licensed entity	2.16.840.1.113883.5.110
3-L	NOT	notary public	2.16.840.1.113883.5.110
3-L	PROV	healthcare provider	2.16.840.1.113883.5.110
2-L	PAT	patient	2.16.840.1.113883.5.110
2-L	PAYEE	payee	2.16.840.1.113883.5.110
2-L	PAYOR	invoice payor	2.16.840.1.113883.5.110
2-L	POLHOLD	policy holder	2.16.840.1.113883.5.110
2-L	QUAL	qualified entity	2.16.840.1.113883.5.110
2-L	SPNSR	coverage sponsor	2.16.840.1.113883.5.110
2-L	STD	student	2.16.840.1.113883.5.110

2-L	UNDWRT	underwriter	2.16.840.1.113883.5.110
1-L	CAREGIVER	caregiver	2.16.840.1.113883.5.110
1-L	PRS	personal relationship	2.16.840.1.113883.5.110

Legenda: Type L=leaf, S=specializable, A=abstract, D=deprecated. NullFlavors to appear in @nullFlavor attribute instead of @code.

6.1.54 ○ RoleClassMutualRelationship 2.16.840.1.113883.1.11.19316 - 2011-07-26 (DEFN=UV=VO=1099-20110726) ref (from repository: ad2bbr-)

Id	2.16.840.1.113883.1.11.19316 ref ad2bbr-	Effective Date	2011-07-26 Other versions this id: <ul style="list-style-type: none"> ● RoleClassMutualRelationshipDEFN=UV=VO=1360-20160323 - as of 2014-03-26 ref ad2bbr-
Status	● Final	Version Label	DEFN=UV=VO=1099-20110726
Name	RoleClassMutualRelationship	Display Name	RoleClassMutualRelationship
Description	<p>description:</p> <p>A relationship that is based on mutual behavior of the two Entities as being related. The basis of such relationship may be agreements (e.g., spouses, contract parties) or they may be <i>de facto</i> behavior (e.g. friends) or may be an incidental involvement with each other (e.g. parties over a dispute, siblings, children).</p>		
Source Code System	2.16.840.1.113883.5.110		

Level/ Type	Code	Display Name	Code System
1-A	_RoleClassRelationshipFormal	RoleClassRelationshipFormal	2.16.840.1.113883.5.110
2-L	AFFL	affiliate	2.16.840.1.113883.5.110
2-S	AGNT	agent	2.16.840.1.113883.5.110
3-S	ASSIGNED	assigned entity	2.16.840.1.113883.5.110

4-L	COMPAR	commissioning party	2.16.840.1.113883.5.110
4-L	SGNOFF	signing authority or officer	2.16.840.1.113883.5.110
3-S	CON	contact	2.16.840.1.113883.5.110
4-L	ECON	emergency contact	2.16.840.1.113883.5.110
4-L	NOK	next of kin	2.16.840.1.113883.5.110
3-L	GUARD	guardian	2.16.840.1.113883.5.110
2-L	CIT	citizen	2.16.840.1.113883.5.110
2-S	COVPTY	covered party	2.16.840.1.113883.5.110
3-L	CLAIM	claimant	2.16.840.1.113883.5.110
3-S	NAMED	named insured	2.16.840.1.113883.5.110
4-L	DEPEN	dependent	2.16.840.1.113883.5.110
4-L	INDIV	individual	2.16.840.1.113883.5.110
4-L	SUBSCR	subscriber	2.16.840.1.113883.5.110
3-L	PROG	program eligible	2.16.840.1.113883.5.110
2-L	CRINV	clinical research investigator	2.16.840.1.113883.5.110
2-L	CRSPNSR	clinical research sponsor	2.16.840.1.113883.5.110
2-S	EMP	employee	2.16.840.1.113883.5.110
3-L	MIL	military person	2.16.840.1.113883.5.110
2-L	GUAR	guarantor GuarantorRole	2.16.840.1.113883.5.110
2-S	INVSBJ	Investigation Subject	2.16.840.1.113883.5.110
3-L	CASEBJ	Case Subject	2.16.840.1.113883.5.110
3-L	RESBJ	research subject	2.16.840.1.113883.5.110

2-S	LIC	licensed entity	2.16.840.1.113883.5.110
3-L	NOT	notary public	2.16.840.1.113883.5.110
3-L	PROV	healthcare provider	2.16.840.1.113883.5.110
2-L	PAT	patient	2.16.840.1.113883.5.110
2-L	PAYEE	payee	2.16.840.1.113883.5.110
2-L	PAYOR	invoice payor	2.16.840.1.113883.5.110
2-L	POLHOLD	policy holder	2.16.840.1.113883.5.110
2-L	QUAL	qualified entity	2.16.840.1.113883.5.110
2-L	SPNSR	coverage sponsor	2.16.840.1.113883.5.110
2-L	STD	student	2.16.840.1.113883.5.110
2-L	UNDWRT	underwriter	2.16.840.1.113883.5.110
1-L	CAREGIVER	caregiver	2.16.840.1.113883.5.110
1-L	PRS	personal relationship	2.16.840.1.113883.5.110

Legenda: Type L=leaf, S=specializable, A=abstract, D=deprecated. NullFlavors to appear in @nullFlavor attribute instead of @code.

6.1.55 ○ RouteOfAdministration 2.16.840.1.113883.1.11.14581 - 2014-03-26 (DEFN=UV=VO=1360-20160323) [ref](#) (from repository: ad2bbr-)

Id	2.16.840.1.113883.1.11.14581 ref ad2bbr-	Effective Date	2014-03-26 Other versions this id: ▪  RouteOfAdministrationDEFN=UV=VO=1099-20110726 - as of 2011-07-26 ref ad2bbr-
Status	 Final	Version Label	DEFN=UV=VO=1360-20160323
Name	RouteOfAdministration	Display Name	RouteOfAdministration

Description		History description 2014-03-26: Lock all vaue sets untouched since 2014-03-26 to trackingId 2014T1_2014_03_26	
		description:	
		The path the administered medication takes to get into the body or into contact with the body.	
Source Code System		2.16.840.1.113883.5.112	
Level/ Type	Code	Display Name	Code System
1-L	SOAK	Immersion (soak)	2.16.840.1.113883.5.112
1-L	SHAMPOO	Shampoo	2.16.840.1.113883.5.112
1-L	TRNSLING	Translingual	2.16.840.1.113883.5.112
1-L	PO	Swallow, oral	2.16.840.1.113883.5.112
1-L	GARGLE	Gargle	2.16.840.1.113883.5.112
1-L	SUCK	Suck, oromucosal	2.16.840.1.113883.5.112
1-A	_Chew	Chew	2.16.840.1.113883.5.112
2-L	CHEW	Chew, oral	2.16.840.1.113883.5.112
1-A	_Diffusion	Diffusion	2.16.840.1.113883.5.112
2-L	EXTCORPDIF	Diffusion, extracorporeal	2.16.840.1.113883.5.112
2-L	HEMODIFF	Diffusion, hemodialysis	2.16.840.1.113883.5.112
2-L	TRNSDERMD	Diffusion, transdermal	2.16.840.1.113883.5.112
1-A	_Dissolve	Dissolve	2.16.840.1.113883.5.112
2-L	DISSOLVE	Dissolve, oral	2.16.840.1.113883.5.112
2-L	SL	Dissolve, sublingual	2.16.840.1.113883.5.112
1-A	_Douche	Douche	2.16.840.1.113883.5.112

2-L	DOUCHE	Douche, vaginal	2.16.840.1.113883.5.112
1-A	_ElectroOsmosisRoute	ElectroOsmosisRoute	2.16.840.1.113883.5.112
2-L	ELECTOSMOS	Electro-osmosis	2.16.840.1.113883.5.112
1-A	_Enema	Enema	2.16.840.1.113883.5.112
2-L	ENEMA	Enema, rectal	2.16.840.1.113883.5.112
2-L	RETENEMA	Enema, rectal retention	2.16.840.1.113883.5.112
1-A	_Flush	Flush	2.16.840.1.113883.5.112
2-L	IVFLUSH	Flush, intravenous catheter	2.16.840.1.113883.5.112
1-A	_Implantation	Implantation	2.16.840.1.113883.5.112
2-L	IDIMPLNT	Implantation, intradermal	2.16.840.1.113883.5.112
2-L	IVITIMPLNT	Implantation, intravitreal	2.16.840.1.113883.5.112
2-L	SQIMPLNT	Implantation, subcutaneous	2.16.840.1.113883.5.112
1-A	_Infusion	Infusion	2.16.840.1.113883.5.112
2-L	EPI	Infusion, epidural	2.16.840.1.113883.5.112
2-L	IA	Infusion, intraarterial catheter	2.16.840.1.113883.5.112
2-L	IC	Infusion, intracardiac	2.16.840.1.113883.5.112
2-L	ICOR	Infusion, intracoronary	2.16.840.1.113883.5.112
2-L	IOSSC	Infusion, intraosseous, continuous	2.16.840.1.113883.5.112
2-L	IT	Infusion, intrathecal	2.16.840.1.113883.5.112
2-S	IV	Infusion, intravenous	2.16.840.1.113883.5.112
3-L	IVC	Infusion, intravenous catheter	2.16.840.1.113883.5.112
3-L	IVCC	Infusion, intravenous catheter, continuous	2.16.840.1.113883.5.112

3-L	IVCI	Infusion, intravenous catheter, intermittent	2.16.840.1.113883.5.112
3-L	PCA	Infusion, intravenous catheter, pca pump	2.16.840.1.113883.5.112
2-L	IVASCINFUS	Infusion, intravascular	2.16.840.1.113883.5.112
2-L	SQINFUS	Infusion, subcutaneous	2.16.840.1.113883.5.112
1-A	<u>Inhalation</u>	Inhalation	2.16.840.1.113883.5.112
2-S	IPINHL	Inhalation, respiratory Inhalation, intrapulmonary Inhalation, oral	2.16.840.1.113883.5.112
3-L	ORIFINHL	Inhalation, oral intermittent flow	2.16.840.1.113883.5.112
3-L	REBREATH	Inhalation, oral rebreather mask	2.16.840.1.113883.5.112
2-S	ORINHL	Inhalation, respiratory Inhalation, intrapulmonary Inhalation, oral	2.16.840.1.113883.5.112
3-L	ORIFINHL	Inhalation, oral intermittent flow	2.16.840.1.113883.5.112
3-L	REBREATH	Inhalation, oral rebreather mask	2.16.840.1.113883.5.112
2-S	RESPINHL	Inhalation, respiratory Inhalation, intrapulmonary Inhalation, oral	2.16.840.1.113883.5.112
3-L	ORIFINHL	Inhalation, oral intermittent flow	2.16.840.1.113883.5.112
3-L	REBREATH	Inhalation, oral rebreather mask	2.16.840.1.113883.5.112
2-L	IPPB	Inhalation, intermittent positive pressure breathing (ippb)	2.16.840.1.113883.5.112
2-S	NASINHL	Inhalation, nasal	2.16.840.1.113883.5.112
3-L	NASINHLC	Inhalation, nasal cannula Inhalation, nasal, prongs	2.16.840.1.113883.5.112
3-L	NP	Inhalation, nasal cannula Inhalation, nasal, prongs	2.16.840.1.113883.5.112
2-S	NEB	Inhalation, nebulization	2.16.840.1.113883.5.112
3-L	NASNEB	Inhalation, nebulization, nasal	2.16.840.1.113883.5.112
3-L	ORNEB	Inhalation, nebulization, oral	2.16.840.1.113883.5.112
2-L	TRACH	Inhalation, tracheostomy	2.16.840.1.113883.5.112

2-L	VENT	Inhalation, ventilator	2.16.840.1.113883.5.112
2-L	VENTMASK	Inhalation, ventimask	2.16.840.1.113883.5.112
1-A	_Injection	Injection	2.16.840.1.113883.5.112
2-L	AMNINJ	Injection, amniotic fluid	2.16.840.1.113883.5.112
2-L	BILINJ	Injection, biliary tract	2.16.840.1.113883.5.112
2-L	CHOLINJ	Injection, for cholangiography	2.16.840.1.113883.5.112
2-L	CERVINJ	Injection, cervical	2.16.840.1.113883.5.112
2-L	EPIDURINJ	Injection, epidural	2.16.840.1.113883.5.112
2-L	EPIINJ	Injection, epidural, push	2.16.840.1.113883.5.112
2-L	EPINJSP	Injection, epidural, slow push	2.16.840.1.113883.5.112
2-L	EXTRAMNINJ	Injection, extra-amniotic	2.16.840.1.113883.5.112
2-L	EXTCORPINJ	Injection, extracorporeal	2.16.840.1.113883.5.112
2-L	GBINJ	Injection, gastric button	2.16.840.1.113883.5.112
2-L	GINGINJ	Injection, gingival	2.16.840.1.113883.5.112
2-L	BLADINJ	Injection, urinary bladder	2.16.840.1.113883.5.112
2-L	ENDOSININJ	Injection, endosinusal	2.16.840.1.113883.5.112
2-L	HEMOPORT	Injection, hemodialysis port	2.16.840.1.113883.5.112
2-L	IABDINJ	Injection, intra-abdominal	2.16.840.1.113883.5.112
2-S	IAINJ	Injection, intraarterial	2.16.840.1.113883.5.112
3-L	IAINJP	Injection, intraarterial, push	2.16.840.1.113883.5.112
3-L	IAINJSP	Injection, intraarterial, slow push	2.16.840.1.113883.5.112
2-L	IARTINJ	Injection, intraarticular	2.16.840.1.113883.5.112

2-L	IBURSINJ	Injection, intrabursal	2.16.840.1.113883.5.112
2-S	ICARDINJ	Injection, intracardiac	2.16.840.1.113883.5.112
3-L	ICARDINJRP	Injection, intracardiac, rapid push	2.16.840.1.113883.5.112
3-L	ICARDINJSP	Injection, intracardiac, slow push	2.16.840.1.113883.5.112
3-L	ICARINJP	Injection, intracardiac, push	2.16.840.1.113883.5.112
2-L	ICARTINJ	Injection, intracartilaginous	2.16.840.1.113883.5.112
2-L	ICAUDINJ	Injection, intracaudal	2.16.840.1.113883.5.112
2-L	ICAVINJ	Injection, intracavernous	2.16.840.1.113883.5.112
2-L	ICAVITINJ	Injection, intracavitary	2.16.840.1.113883.5.112
2-L	ICEREBINJ	Injection, intracerebral	2.16.840.1.113883.5.112
2-L	ICISTERNINJ	Injection, intracisternal	2.16.840.1.113883.5.112
2-S	ICORONINJ	Injection, intracoronary	2.16.840.1.113883.5.112
3-L	ICORONINJP	Injection, intracoronary, push	2.16.840.1.113883.5.112
2-L	ICORPCAVINJ	Injection, intracorporis cavernosum	2.16.840.1.113883.5.112
2-L	IDINJ	Injection, intradermal	2.16.840.1.113883.5.112
2-L	IDISCINJ	Injection, intradiscal	2.16.840.1.113883.5.112
2-L	IDUCTINJ	Injection, intraductal	2.16.840.1.113883.5.112
2-L	IDURINJ	Injection, intradural	2.16.840.1.113883.5.112
2-L	IEPIDINJ	Injection, intraepidermal	2.16.840.1.113883.5.112
2-L	IEPITHINJ	Injection, intraepithelial	2.16.840.1.113883.5.112
2-L	ILESINJ	Injection, intralesional	2.16.840.1.113883.5.112
2-L	ILUMINJ	Injection, intraluminal	2.16.840.1.113883.5.112

2-L	ILYMPJINJ	Injection, intralymphatic	2.16.840.1.113883.5.112
2-S	IM	Injection, intramuscular	2.16.840.1.113883.5.112
3-L	IMD	Injection, intramuscular, deep	2.16.840.1.113883.5.112
3-L	IMZ	Injection, intramuscular, z track	2.16.840.1.113883.5.112
2-L	IMEDULINJ	Injection, intramedullary	2.16.840.1.113883.5.112
2-L	INTERMENINJ	Injection, interameningeal	2.16.840.1.113883.5.112
2-L	INTERSTITINJ	Injection, interstitial	2.16.840.1.113883.5.112
2-L	IOINJ	Injection, intraocular	2.16.840.1.113883.5.112
2-L	IOSSINJ	Injection, intraosseous	2.16.840.1.113883.5.112
2-L	IOVARINJ	Injection, intraovarian	2.16.840.1.113883.5.112
2-L	IPCARDINJ	Injection, intrapericardial	2.16.840.1.113883.5.112
2-L	IPERINJ	Injection, intraperitoneal	2.16.840.1.113883.5.112
2-L	IPINJ	Injection, intrapulmonary	2.16.840.1.113883.5.112
2-L	IPLRINJ	Injection, intrapleural	2.16.840.1.113883.5.112
2-L	IPROSTINJ	Injection, intraprostatic	2.16.840.1.113883.5.112
2-L	IPUMPINJ	Injection, insulin pump	2.16.840.1.113883.5.112
2-L	ISINJ	Injection, intraspinal	2.16.840.1.113883.5.112
2-L	ISTERINJ	Injection, intrasternal	2.16.840.1.113883.5.112
2-L	ISYNINJ	Injection, intrasynovial	2.16.840.1.113883.5.112
2-L	ITENDINJ	Injection, intratendinous	2.16.840.1.113883.5.112
2-L	ITESTINJ	Injection, intratesticular	2.16.840.1.113883.5.112
2-L	ITHORINJ	Injection, intrathoracic	2.16.840.1.113883.5.112

2-L	ITINJ	Injection, intrathecal	2.16.840.1.113883.5.112
2-L	ITUBINJ	Injection, intratubular	2.16.840.1.113883.5.112
2-L	ITUMINJ	Injection, intratumor	2.16.840.1.113883.5.112
2-L	ITYMPINJ	Injection, intratympanic	2.16.840.1.113883.5.112
2-L	IUINJ	Injection, intrauterine	2.16.840.1.113883.5.112
2-L	IUINJC	Injection, intracervical (uterus)	2.16.840.1.113883.5.112
2-L	IURETINJ	Injection, intraureteral, retrograde	2.16.840.1.113883.5.112
2-L	IVASCINJ	Injection, intravascular	2.16.840.1.113883.5.112
2-L	IVENTINJ	Injection, intraventricular (heart)	2.16.840.1.113883.5.112
2-L	IVESINJ	Injection, intravesicle	2.16.840.1.113883.5.112
2-S	IVINJ	Injection, intravenous	2.16.840.1.113883.5.112
3-L	IVINJBOL	Injection, intravenous, bolus	2.16.840.1.113883.5.112
3-L	IVPUSH	Injection, intravenous, push	2.16.840.1.113883.5.112
3-L	IVRPUSH	Injection, intravenous, rapid push	2.16.840.1.113883.5.112
3-L	IVSPUSH	Injection, intravenous, slow push	2.16.840.1.113883.5.112
2-L	IVITINJ	Injection, intravitreal	2.16.840.1.113883.5.112
2-L	PAINJ	Injection, periarticular	2.16.840.1.113883.5.112
2-L	PARENTINJ	Injection, parenteral	2.16.840.1.113883.5.112
2-L	PDONTINJ	Injection, periodontal	2.16.840.1.113883.5.112
2-L	PDPINJ	Injection, peritoneal dialysis port	2.16.840.1.113883.5.112
2-L	PDURINJ	Injection, peridural	2.16.840.1.113883.5.112
2-L	PNINJ	Injection, perineural	2.16.840.1.113883.5.112

2-L	PNSINJ	Injection, paranasal sinuses	2.16.840.1.113883.5.112
2-L	RBINJ	Injection, retrobulbar	2.16.840.1.113883.5.112
2-L	SCINJ	Injection, subconjunctival	2.16.840.1.113883.5.112
2-L	SLESINJ	Injection, sublesional	2.16.840.1.113883.5.112
2-L	SOFTISINJ	Injection, soft tissue	2.16.840.1.113883.5.112
2-L	SQ	Injection, subcutaneous	2.16.840.1.113883.5.112
2-L	SUBARACHINJ	Injection, subarachnoid	2.16.840.1.113883.5.112
2-L	SUBMUCINJ	Injection, submucosal	2.16.840.1.113883.5.112
2-L	TRPLACINJ	Injection, transplacental	2.16.840.1.113883.5.112
2-L	TRTRACHINJ	Injection, transtracheal	2.16.840.1.113883.5.112
2-L	URETHINJ	Injection, urethral	2.16.840.1.113883.5.112
2-L	URETINJ	Injection, ureteral	2.16.840.1.113883.5.112
1-A	_Insertion	Insertion	2.16.840.1.113883.5.112
2-L	CERVINS	Insertion, cervical (uterine)	2.16.840.1.113883.5.112
2-L	IOSURGINS	Insertion, intraocular, surgical	2.16.840.1.113883.5.112
2-L	IU	Insertion, intrauterine	2.16.840.1.113883.5.112
2-L	LPINS	Insertion, lacrimal puncta	2.16.840.1.113883.5.112
2-L	PR	Insertion, rectal	2.16.840.1.113883.5.112
2-L	SQSURGINS	Insertion, subcutaneous, surgical	2.16.840.1.113883.5.112
2-L	URETHINS	Insertion, urethral	2.16.840.1.113883.5.112
2-L	VAGINSI	Insertion, vaginal	2.16.840.1.113883.5.112
1-A	_Instillation	Instillation	2.16.840.1.113883.5.112

2-L	CECINSTL	Instillation, cecostomy	2.16.840.1.113883.5.112
2-L	EFT	Instillation, enteral feeding tube	2.16.840.1.113883.5.112
2-L	ENTINSTL	Instillation, enteral	2.16.840.1.113883.5.112
2-L	GT	Instillation, gastrostomy tube	2.16.840.1.113883.5.112
2-L	NGT	Instillation, nasogastric tube	2.16.840.1.113883.5.112
2-L	OGT	Instillation, orogastric tube	2.16.840.1.113883.5.112
2-L	BLADINSTL	Instillation, urinary catheter	2.16.840.1.113883.5.112
2-L	CAPDINSTL	Instillation, continuous ambulatory peritoneal dialysis port	2.16.840.1.113883.5.112
2-L	CTINSTL	Instillation, chest tube	2.16.840.1.113883.5.112
2-L	ETINSTL	Instillation, endotracheal tube	2.16.840.1.113883.5.112
2-L	GJT	Instillation, gastro-jejunostomy tube	2.16.840.1.113883.5.112
2-L	IBRONCHINSTIL	Instillation, intrabronchial	2.16.840.1.113883.5.112
2-L	IDUODINSTIL	Instillation, intraduodenal	2.16.840.1.113883.5.112
2-L	IESOPHINSTIL	Instillation, intraesophageal	2.16.840.1.113883.5.112
2-L	IGASTINSTIL	Instillation, intragastric	2.16.840.1.113883.5.112
2-L	IILEALINJ	Instillation, intraileal	2.16.840.1.113883.5.112
2-L	IOINSTL	Instillation, intraocular	2.16.840.1.113883.5.112
2-L	ISININSTIL	Instillation, intrasinal	2.16.840.1.113883.5.112
2-L	ITRACHINSTIL	Instillation, intratracheal	2.16.840.1.113883.5.112
2-L	IUINSTL	Instillation, intrauterine	2.16.840.1.113883.5.112
2-L	JJTINSTL	Instillation, jejunostomy tube	2.16.840.1.113883.5.112
2-L	LARYNGINSTIL	Instillation, laryngeal	2.16.840.1.113883.5.112

2-L	NASALINSTIL	Instillation, nasal	2.16.840.1.113883.5.112
2-L	NASOGASINSTIL	Instillation, nasogastric	2.16.840.1.113883.5.112
2-L	NTT	Instillation, nasotracheal tube	2.16.840.1.113883.5.112
2-L	OJJ	Instillation, orojejenum tube	2.16.840.1.113883.5.112
2-L	OT	Instillation, otic	2.16.840.1.113883.5.112
2-L	PDPINSTL	Instillation, peritoneal dialysis port	2.16.840.1.113883.5.112
2-L	PNSINSTL	Instillation, paranasal sinuses	2.16.840.1.113883.5.112
2-S	RECINSTL	Instillation, rectal	2.16.840.1.113883.5.112
3-L	RECTINSTL	Instillation, rectal tube	2.16.840.1.113883.5.112
2-L	SININSTIL	Instillation, sinus, unspecified	2.16.840.1.113883.5.112
2-L	SOFTISINSTIL	Instillation, soft tissue	2.16.840.1.113883.5.112
2-L	TRACHINSTL	Instillation, tracheostomy	2.16.840.1.113883.5.112
2-L	TRTYMPINSTIL	Instillation, transtympanic	2.16.840.1.113883.5.112
2-L	URETHINSTL	instillation, urethral	2.16.840.1.113883.5.112
1-A	_IontophoresisRoute	IontophoresisRoute	2.16.840.1.113883.5.112
2-L	IONTO	Topical application, iontophoresis	2.16.840.1.113883.5.112
1-A	_Irrigation	Irrigation	2.16.840.1.113883.5.112
2-L	GUIRR	Irrigation, genitourinary	2.16.840.1.113883.5.112
2-L	IGASTIRR	Irrigation, intragastric	2.16.840.1.113883.5.112
2-L	ILESIRR	Irrigation, intralesional	2.16.840.1.113883.5.112
2-L	IOIRR	Irrigation, intraocular	2.16.840.1.113883.5.112
2-S	BLADIRR	Irrigation, urinary bladder	2.16.840.1.113883.5.112

3-L	BLADIRRC	Irrigation, urinary bladder, continuous	2.16.840.1.113883.5.112
3-L	BLADIRRT	Irrigation, urinary bladder, tidal	2.16.840.1.113883.5.112
2-L	RECIRR	Irrigation, rectal	2.16.840.1.113883.5.112
1-A	_LavageRoute	LavageRoute	2.16.840.1.113883.5.112
2-L	IGASTLAV	Lavage, intragastric	2.16.840.1.113883.5.112
1-A	_MucosalAbsorptionRoute	MucosalAbsorptionRoute	2.16.840.1.113883.5.112
2-L	IDOUDMAB	Mucosal absorption, intraduodenal	2.16.840.1.113883.5.112
2-L	ITRACHMAB	Mucosal absorption, intratracheal	2.16.840.1.113883.5.112
2-L	SMUCMAB	Mucosal absorption, submucosal	2.16.840.1.113883.5.112
1-A	_Nebulization	Nebulization	2.16.840.1.113883.5.112
2-L	ETNEB	Nebulization, endotracheal tube	2.16.840.1.113883.5.112
1-A	_Rinse	Rinse	2.16.840.1.113883.5.112
2-L	DENRINSE	Rinse, dental	2.16.840.1.113883.5.112
2-L	ORRINSE	Rinse, oral	2.16.840.1.113883.5.112
1-A	_SuppositoryRoute	SuppositoryRoute	2.16.840.1.113883.5.112
2-L	URETHSUP	Suppository, urethral	2.16.840.1.113883.5.112
1-A	_Swish	Swish	2.16.840.1.113883.5.112
2-L	SWISHSPIT	Swish and spit out, oromucosal	2.16.840.1.113883.5.112
2-L	SWISHSWAL	Swish and swallow, oromucosal	2.16.840.1.113883.5.112
1-A	_TopicalAbsorptionRoute	TopicalAbsorptionRoute	2.16.840.1.113883.5.112
2-L	TTYMPTABSORP	Topical absorption, transtympanic	2.16.840.1.113883.5.112
1-A	_TopicalApplication	TopicalApplication	2.16.840.1.113883.5.112

2-L	DRESS	Topical application, soaked dressing	2.16.840.1.113883.5.112
2-L	IONTO	Topical application, iontophoresis	2.16.840.1.113883.5.112
2-L	SWAB	Topical application, swab	2.16.840.1.113883.5.112
2-L	TOPICAL	Topical	2.16.840.1.113883.5.112
2-L	BUC	Topical application, buccal	2.16.840.1.113883.5.112
2-L	CERV	Topical application, cervical	2.16.840.1.113883.5.112
2-L	DEN	Topical application, dental	2.16.840.1.113883.5.112
2-L	GIN	Topical application, gingival	2.16.840.1.113883.5.112
2-L	HAIR	Topical application, hair	2.16.840.1.113883.5.112
2-L	ICORNTA	Topical application, intracorneal	2.16.840.1.113883.5.112
2-L	ICORONTA	Topical application, intracoronal (dental)	2.16.840.1.113883.5.112
2-L	IESOPHTA	Topical application, intraesophageal	2.16.840.1.113883.5.112
2-L	IILEALTA	Topical application, intraileal	2.16.840.1.113883.5.112
2-L	ILTOP	Topical application, intralesional	2.16.840.1.113883.5.112
2-L	ILUMTA	Topical application, intraluminal	2.16.840.1.113883.5.112
2-L	IOTOP	Topical application, intraocular	2.16.840.1.113883.5.112
2-L	LARYNGTA	Topical application, laryngeal	2.16.840.1.113883.5.112
2-L	MUC	Topical application, mucous membrane	2.16.840.1.113883.5.112
2-L	NAIL	Topical application, nail	2.16.840.1.113883.5.112
2-L	NASAL	Topical application, nasal	2.16.840.1.113883.5.112
2-L	OPHTHALTA	Topical application, ophthalmic	2.16.840.1.113883.5.112
2-L	ORALTA	Topical application, oral	2.16.840.1.113883.5.112

2-L	ORMUC	Topical application, oromucosal	2.16.840.1.113883.5.112
2-L	OROPHARTA	Topical application, oropharyngeal	2.16.840.1.113883.5.112
2-L	PERIANAL	Topical application, perianal	2.16.840.1.113883.5.112
2-L	PERINEAL	Topical application, perineal	2.16.840.1.113883.5.112
2-L	PDONTTA	Topical application, periodontal	2.16.840.1.113883.5.112
2-L	RECTAL	Topical application, rectal	2.16.840.1.113883.5.112
2-L	SCALP	Topical application, scalp	2.16.840.1.113883.5.112
2-L	OCDRESTA	Occlusive dressing technique	2.16.840.1.113883.5.112
2-L	SKIN	Topical application, skin	2.16.840.1.113883.5.112
2-L	SUBCONJTA	Subconjunctival	2.16.840.1.113883.5.112
2-L	TMUCTA	Topical application, transmucosal	2.16.840.1.113883.5.112
2-L	VAGINS	Topical application, vaginal	2.16.840.1.113883.5.112
1-L	INSUF	Insufflation	2.16.840.1.113883.5.112
1-S	TRNSDERM	Transdermal	2.16.840.1.113883.5.112
2-L	TRNSDERMD	Diffusion, transdermal	2.16.840.1.113883.5.112
1-S	TRNSDERM	Transdermal	2.16.840.1.113883.5.112
2-L	TRNSDERMD	Diffusion, transdermal	2.16.840.1.113883.5.112
1-A	_AmnioticFluidSacRoute	AmnioticFluidSacRoute	2.16.840.1.113883.5.112
2-L	AMNINJ	Injection, amniotic fluid	2.16.840.1.113883.5.112
1-A	_BiliaryRoute	BiliaryRoute	2.16.840.1.113883.5.112
2-L	BILINJ	Injection, biliary tract	2.16.840.1.113883.5.112
2-L	CHOLINJ	Injection, for cholangiography	2.16.840.1.113883.5.112

1-A	_BodySurfaceRoute	BodySurfaceRoute	2.16.840.1.113883.5.112
2-L	DRESS	Topical application, soaked dressing	2.16.840.1.113883.5.112
2-L	ELECTOSMOS	Electro-osmosis	2.16.840.1.113883.5.112
2-L	IONTO	Topical application, iontophoresis	2.16.840.1.113883.5.112
2-L	SOAK	Immersion (soak)	2.16.840.1.113883.5.112
2-L	SWAB	Topical application, swab	2.16.840.1.113883.5.112
2-L	TOPICAL	Topical	2.16.840.1.113883.5.112
1-A	_BuccalMucosaRoute	BuccalMucosaRoute	2.16.840.1.113883.5.112
2-L	BUC	Topical application, buccal	2.16.840.1.113883.5.112
1-A	_CecostomyRoute	CecostomyRoute	2.16.840.1.113883.5.112
2-L	CECINSTL	Instillation, cecostomy	2.16.840.1.113883.5.112
1-A	_CervicalRoute	CervicalRoute	2.16.840.1.113883.5.112
2-L	CERV	Topical application, cervical	2.16.840.1.113883.5.112
2-L	CERVINJ	Injection, cervical	2.16.840.1.113883.5.112
2-L	CERVINS	Insertion, cervical (uterine)	2.16.840.1.113883.5.112
2-L	DEN	Topical application, dental	2.16.840.1.113883.5.112
2-L	DENRINSE	Rinse, dental	2.16.840.1.113883.5.112
1-A	_EndocervicalRoute	EndocervicalRoute	2.16.840.1.113883.5.112
2-L	AMNINJ	Injection, amniotic fluid	2.16.840.1.113883.5.112
2-L	BILINJ	Injection, biliary tract	2.16.840.1.113883.5.112
1-A	_EnteralRoute	EnteralRoute	2.16.840.1.113883.5.112
2-L	EFT	Instillation, enteral feeding tube	2.16.840.1.113883.5.112

2-L	ENTINSTL	Instillation, enteral	2.16.840.1.113883.5.112
1-A	_EpiduralRoute	EpiduralRoute	2.16.840.1.113883.5.112
2-L	EPI	Infusion, epidural	2.16.840.1.113883.5.112
2-L	EPIDURINJ	Injection, epidural	2.16.840.1.113883.5.112
2-L	EPIINJ	Injection, epidural, push	2.16.840.1.113883.5.112
2-L	EPINJSP	Injection, epidural, slow push	2.16.840.1.113883.5.112
1-A	_ExtraAmnioticRoute	ExtraAmnioticRoute	2.16.840.1.113883.5.112
2-L	EXTRAMNINJ	Injection, extra-amniotic	2.16.840.1.113883.5.112
1-A	_ExtracorporealCirculationRoute	ExtracorporealCirculationRoute	2.16.840.1.113883.5.112
2-L	EXTCORPDIF	Diffusion, extracorporeal	2.16.840.1.113883.5.112
2-L	EXTCORPINJ	Injection, extracorporeal	2.16.840.1.113883.5.112
1-A	_GastricRoute	GastricRoute	2.16.840.1.113883.5.112
2-L	GBINJ	Injection, gastric button	2.16.840.1.113883.5.112
2-L	GT	Instillation, gastrostomy tube	2.16.840.1.113883.5.112
2-L	NGT	Instillation, nasogastric tube	2.16.840.1.113883.5.112
2-L	OGT	Instillation, orogastric tube	2.16.840.1.113883.5.112
1-A	_GenitourinaryRoute	GenitourinaryRoute	2.16.840.1.113883.5.112
2-L	GUIRR	Irrigation, genitourinary	2.16.840.1.113883.5.112
1-A	_GingivalRoute	GingivalRoute	2.16.840.1.113883.5.112
2-L	GIN	Topical application, gingival	2.16.840.1.113883.5.112
2-L	GINGINJ	Injection, gingival	2.16.840.1.113883.5.112
1-A	_HairRoute	HairRoute	2.16.840.1.113883.5.112

2-L	HAIR	Topical application, hair	2.16.840.1.113883.5.112
2-L	SHAMPOO	Shampoo	2.16.840.1.113883.5.112
1-A	_InterameningealRoute	InterameningealRoute	2.16.840.1.113883.5.112
2-L	INTERMENINJ	Injection, interameningeal	2.16.840.1.113883.5.112
1-A	_InterstitialRoute	InterstitialRoute	2.16.840.1.113883.5.112
2-L	INTERSTITINJ	Injection, interstitial	2.16.840.1.113883.5.112
1-A	_IntraabdominalRoute	IntraabdominalRoute	2.16.840.1.113883.5.112
2-L	IABDINJ	Injection, intra-abdominal	2.16.840.1.113883.5.112
1-A	_IntraarterialRoute	IntraarterialRoute	2.16.840.1.113883.5.112
2-L	IA	Infusion, intraarterial catheter	2.16.840.1.113883.5.112
2-S	IAINJ	Injection, intraarterial	2.16.840.1.113883.5.112
3-L	IAINJP	Injection, intraarterial, push	2.16.840.1.113883.5.112
3-L	IAINJSP	Injection, intraarterial, slow push	2.16.840.1.113883.5.112
1-A	_IntraarticularRoute	IntraarticularRoute	2.16.840.1.113883.5.112
2-L	IARTINJ	Injection, intraarticular	2.16.840.1.113883.5.112
1-A	_IntrabronchialRoute	IntrabronchialRoute	2.16.840.1.113883.5.112
2-L	IBRONCHINSTIL	Instillation, intrabronchial	2.16.840.1.113883.5.112
1-A	_IntrabursalRoute	IntrabursalRoute	2.16.840.1.113883.5.112
2-L	IBURSINJ	Injection, intrabursal	2.16.840.1.113883.5.112
1-A	_IntracardiacRoute	IntracardiacRoute	2.16.840.1.113883.5.112
2-L	IC	Infusion, intracardiac	2.16.840.1.113883.5.112
2-S	ICARDINJ	Injection, intracardiac	2.16.840.1.113883.5.112

3-L	ICARDINJRP	Injection, intracardiac, rapid push	2.16.840.1.113883.5.112
3-L	ICARDINJSP	Injection, intracardiac, slow push	2.16.840.1.113883.5.112
3-L	ICARINJP	Injection, intracardiac, push	2.16.840.1.113883.5.112
1-A	_IntracartilaginousRoute	IntracartilaginousRoute	2.16.840.1.113883.5.112
2-L	ICARTINJ	Injection, intracartilaginous	2.16.840.1.113883.5.112
1-A	_IntracaudalRoute	IntracaudalRoute	2.16.840.1.113883.5.112
2-L	ICAUDINJ	Injection, intracaudal	2.16.840.1.113883.5.112
1-A	_IntracavernosalRoute	IntracavernosalRoute	2.16.840.1.113883.5.112
2-L	ICAVINJ	Injection, intracavernous	2.16.840.1.113883.5.112
1-A	_IntracavitaryRoute	IntracavitaryRoute	2.16.840.1.113883.5.112
2-L	ICAVITINJ	Injection, intracavitary	2.16.840.1.113883.5.112
1-A	_IntracerebralRoute	IntracerebralRoute	2.16.840.1.113883.5.112
2-L	ICEREBINJ	Injection, intracerebral	2.16.840.1.113883.5.112
1-A	_IntracervicalRoute	IntracervicalRoute	2.16.840.1.113883.5.112
2-L	IUINJC	Injection, intracervical (uterus)	2.16.840.1.113883.5.112
1-A	_IntracisternalRoute	IntracisternalRoute	2.16.840.1.113883.5.112
2-L	ICISTERNINJ	Injection, intracisternal	2.16.840.1.113883.5.112
1-A	_IntracornealRoute	IntracornealRoute	2.16.840.1.113883.5.112
2-L	ICORNTA	Topical application, intracorneal	2.16.840.1.113883.5.112
1-A	_IntracoronaryRoute	IntracoronaryRoute	2.16.840.1.113883.5.112
2-L	ICORONTA	Topical application, intracoronary (dental)	2.16.840.1.113883.5.112
1-A	_IntracoronaryRoute	IntracoronaryRoute	2.16.840.1.113883.5.112

2-L	ICOR	Infusion, intracoronary	2.16.840.1.113883.5.112
2-S	ICORONINJ	Injection, intracoronary	2.16.840.1.113883.5.112
3-L	ICORONINJP	Injection, intracoronary, push	2.16.840.1.113883.5.112
1-A	_IntracorpusCavernosumRoute	IntracorpusCavernosumRoute	2.16.840.1.113883.5.112
2-L	ICORPCAVINJ	Injection, intracorpus cavernosum	2.16.840.1.113883.5.112
1-A	_IntradermalRoute	IntradermalRoute	2.16.840.1.113883.5.112
2-L	IDIMPLNT	Implantation, intradermal	2.16.840.1.113883.5.112
2-L	IDINJ	Injection, intradermal	2.16.840.1.113883.5.112
1-A	_IntradiscalRoute	IntradiscalRoute	2.16.840.1.113883.5.112
2-L	IDISCINJ	Injection, intradiscal	2.16.840.1.113883.5.112
1-A	_IntraductalRoute	IntraductalRoute	2.16.840.1.113883.5.112
2-L	IDUCTINJ	Injection, intraductal	2.16.840.1.113883.5.112
1-A	_IntraduodenalRoute	IntraduodenalRoute	2.16.840.1.113883.5.112
2-L	IDUODINSTIL	Instillation, intraduodenal	2.16.840.1.113883.5.112
2-L	IDOUDMAB	Mucosal absorption, intraduodenal	2.16.840.1.113883.5.112
1-A	_IntraduralRoute	IntraduralRoute	2.16.840.1.113883.5.112
2-L	IDURINJ	Injection, intradural	2.16.840.1.113883.5.112
1-A	_IntraepidermalRoute	IntraepidermalRoute	2.16.840.1.113883.5.112
2-L	IEPIDINJ	Injection, intraepidermal	2.16.840.1.113883.5.112
1-A	_IntraepithelialRoute	IntraepithelialRoute	2.16.840.1.113883.5.112
2-L	IEPITHINJ	Injection, intraepithelial	2.16.840.1.113883.5.112
1-A	_IntraesophagealRoute	IntraesophagealRoute	2.16.840.1.113883.5.112

2-L	IESOPHINSTIL	Instillation, intraesophageal	2.16.840.1.113883.5.112
2-L	IESOPHTA	Topical application, intraesophageal	2.16.840.1.113883.5.112
1-A	_IntragastricRoute	IntragastricRoute	2.16.840.1.113883.5.112
2-L	IGASTINSTIL	Instillation, intragastric	2.16.840.1.113883.5.112
2-L	IGASTIRR	Irrigation, intragastric	2.16.840.1.113883.5.112
2-L	IGASTLAV	Lavage, intragastric	2.16.840.1.113883.5.112
1-A	_IntrailealRoute	IntrailealRoute	2.16.840.1.113883.5.112
2-L	IILEALINJ	Instillation, intraileal	2.16.840.1.113883.5.112
2-L	IILEALTA	Topical application, intraileal	2.16.840.1.113883.5.112
1-A	_IntralesionalRoute	IntralesionalRoute	2.16.840.1.113883.5.112
2-L	ILESINJ	Injection, intralesional	2.16.840.1.113883.5.112
2-L	ILESIRR	Irrigation, intralesional	2.16.840.1.113883.5.112
2-L	ILTOP	Topical application, intralesional	2.16.840.1.113883.5.112
1-A	_IntraluminalRoute	IntraluminalRoute	2.16.840.1.113883.5.112
2-L	ILUMINJ	Injection, intraluminal	2.16.840.1.113883.5.112
2-L	ILUMTA	Topical application, intraluminal	2.16.840.1.113883.5.112
1-A	_IntralymphaticRoute	IntralymphaticRoute	2.16.840.1.113883.5.112
2-L	ILYMPJINJ	Injection, intralymphatic	2.16.840.1.113883.5.112
1-A	_IntramedullaryRoute	IntramedullaryRoute	2.16.840.1.113883.5.112
2-L	IMEDULINJ	Injection, intramedullary	2.16.840.1.113883.5.112
1-A	_IntramuscularRoute	IntramuscularRoute	2.16.840.1.113883.5.112
2-S	IM	Injection, intramuscular	2.16.840.1.113883.5.112

3-L	IMD	Injection, intramuscular, deep	2.16.840.1.113883.5.112
3-L	IMZ	Injection, intramuscular, z track	2.16.840.1.113883.5.112
1-A	_IntraocularRoute	IntraocularRoute	2.16.840.1.113883.5.112
2-L	IOINJ	Injection, intraocular	2.16.840.1.113883.5.112
2-L	IOSURGINS	Insertion, intraocular, surgical	2.16.840.1.113883.5.112
2-L	IOINSTL	Instillation, intraocular	2.16.840.1.113883.5.112
2-L	IOIRR	Irrigation, intraocular	2.16.840.1.113883.5.112
2-L	IOTOP	Topical application, intraocular	2.16.840.1.113883.5.112
1-A	_IntraosseousRoute	IntraosseousRoute	2.16.840.1.113883.5.112
2-L	IOSSC	Infusion, intraosseous, continuous	2.16.840.1.113883.5.112
2-L	IOSSINJ	Injection, intraosseous	2.16.840.1.113883.5.112
1-A	_IntraovarianRoute	IntraovarianRoute	2.16.840.1.113883.5.112
2-L	IOVARINJ	Injection, intraovarian	2.16.840.1.113883.5.112
1-A	_IntrapericardialRoute	IntrapericardialRoute	2.16.840.1.113883.5.112
2-L	IPCARDINJ	Injection, intrapericardial	2.16.840.1.113883.5.112
1-A	_IntraperitonealRoute	IntraperitonealRoute	2.16.840.1.113883.5.112
2-L	IPERINJ	Injection, intraperitoneal	2.16.840.1.113883.5.112
2-L	PDPINJ	Injection, peritoneal dialysis port	2.16.840.1.113883.5.112
2-L	CAPDINSTL	Instillation, continuous ambulatory peritoneal dialysis port	2.16.840.1.113883.5.112
2-L	PDPINSTL	Instillation, peritoneal dialysis port	2.16.840.1.113883.5.112
1-A	_IntrapleuralRoute	IntrapleuralRoute	2.16.840.1.113883.5.112
2-L	IPLRINJ	Injection, intrapleural	2.16.840.1.113883.5.112

2-L	CTINSTL	Instillation, chest tube	2.16.840.1.113883.5.112
1-A	_IntraprostaticRoute	IntraprostaticRoute	2.16.840.1.113883.5.112
2-L	IPOSTINJ	Injection, intraprostatic	2.16.840.1.113883.5.112
1-A	_IntrapulmonaryRoute	IntrapulmonaryRoute	2.16.840.1.113883.5.112
2-L	EXTCORPINJ	Injection, extracorporeal	2.16.840.1.113883.5.112
2-L	IPINJ	Injection, intrapulmonary	2.16.840.1.113883.5.112
1-A	_IntrasinalRoute	IntrasinalRoute	2.16.840.1.113883.5.112
2-L	ISININSTIL	Instillation, intrasinal	2.16.840.1.113883.5.112
1-A	_IntraspinalRoute	IntraspinalRoute	2.16.840.1.113883.5.112
2-L	ISINJ	Injection, intraspinal	2.16.840.1.113883.5.112
1-A	_IntrasternalRoute	IntrasternalRoute	2.16.840.1.113883.5.112
2-L	ISTERINJ	Injection, intrasternal	2.16.840.1.113883.5.112
1-A	_IntrasynovialRoute	IntrasynovialRoute	2.16.840.1.113883.5.112
2-L	ISYNINJ	Injection, intrasynovial	2.16.840.1.113883.5.112
1-A	_IntratendinousRoute	IntratendinousRoute	2.16.840.1.113883.5.112
2-L	ITENDINJ	Injection, intratendinous	2.16.840.1.113883.5.112
1-A	_IntratesticularRoute	IntratesticularRoute	2.16.840.1.113883.5.112
2-L	ITESTINJ	Injection, intratesticular	2.16.840.1.113883.5.112
1-A	_IntrathecalRoute	IntrathecalRoute	2.16.840.1.113883.5.112
2-L	IT	Infusion, intrathecal	2.16.840.1.113883.5.112
2-L	ITINJ	Injection, intrathecal	2.16.840.1.113883.5.112
1-A	_IntrathoracicRoute	IntrathoracicRoute	2.16.840.1.113883.5.112

2-L	ITHORINJ	Injection, intrathoracic	2.16.840.1.113883.5.112
1-A	_IntratrachealRoute	IntratrachealRoute	2.16.840.1.113883.5.112
2-L	ITRACHINSTIL	Instillation, intratracheal	2.16.840.1.113883.5.112
2-L	ITRACHMAB	Mucosal absorption, intratracheal	2.16.840.1.113883.5.112
1-A	_IntratubularRoute	IntratubularRoute	2.16.840.1.113883.5.112
2-L	ITUBINJ	Injection, intratubular	2.16.840.1.113883.5.112
1-A	_IntratumorRoute	IntratumorRoute	2.16.840.1.113883.5.112
2-L	ITUMINJ	Injection, intratumor	2.16.840.1.113883.5.112
1-A	_IntratympanicRoute	IntratympanicRoute	2.16.840.1.113883.5.112
2-L	ITYMPINJ	Injection, intratympanic	2.16.840.1.113883.5.112
1-A	_IntrauterineRoute	IntrauterineRoute	2.16.840.1.113883.5.112
2-L	IUINJ	Injection, intrauterine	2.16.840.1.113883.5.112
2-L	IURETINJ	Injection, intraureteral, retrograde	2.16.840.1.113883.5.112
2-L	IU	Insertion, intrauterine	2.16.840.1.113883.5.112
2-L	IUINSTL	Instillation, intrauterine	2.16.840.1.113883.5.112
1-A	_IntravascularRoute	IntravascularRoute	2.16.840.1.113883.5.112
2-L	HEMODIFF	Diffusion, hemodialysis	2.16.840.1.113883.5.112
2-L	IVASCINFUS	Infusion, intravascular	2.16.840.1.113883.5.112
2-L	HEMOPORT	Injection, hemodialysis port	2.16.840.1.113883.5.112
2-L	IVASCINJ	Injection, intravascular	2.16.840.1.113883.5.112
1-A	_IntravenousRoute	IntravenousRoute	2.16.840.1.113883.5.112
2-L	IVFLUSH	Flush, intravenous catheter	2.16.840.1.113883.5.112

2-S	IVINJ	Injection, intravenous	2.16.840.1.113883.5.112
3-L	IVINJBOL	Injection, intravenous, bolus	2.16.840.1.113883.5.112
3-L	IVPUSH	Injection, intravenous, push	2.16.840.1.113883.5.112
3-L	IVRPUSH	Injection, intravenous, rapid push	2.16.840.1.113883.5.112
3-L	IVSPUSH	Injection, intravenous, slow push	2.16.840.1.113883.5.112
1-A	_IntraventricularRoute	IntraventricularRoute	2.16.840.1.113883.5.112
2-L	IVENTINJ	Injection, intraventricular (heart)	2.16.840.1.113883.5.112
1-A	_IntravesicleRoute	IntravesicleRoute	2.16.840.1.113883.5.112
2-L	IVESINJ	Injection, intravesicle	2.16.840.1.113883.5.112
1-A	_IntravitrealRoute	IntravitrealRoute	2.16.840.1.113883.5.112
2-L	IVITINJ	Injection, intravitreal	2.16.840.1.113883.5.112
1-A	_JejunumRoute	JejunumRoute	2.16.840.1.113883.5.112
2-L	GJT	Instillation, gastro-jejunostomy tube	2.16.840.1.113883.5.112
2-L	JJTINSTL	Instillation, jejunostomy tube	2.16.840.1.113883.5.112
2-L	OJJ	Instillation, orojejunum tube	2.16.840.1.113883.5.112
1-A	_LacrimalPunctaRoute	LacrimalPunctaRoute	2.16.840.1.113883.5.112
2-L	LPINS	Insertion, lacrimal puncta	2.16.840.1.113883.5.112
1-A	_LaryngealRoute	LaryngealRoute	2.16.840.1.113883.5.112
2-L	LARYNGINSTIL	Instillation, laryngeal	2.16.840.1.113883.5.112
2-L	LARYNGTA	Topical application, laryngeal	2.16.840.1.113883.5.112
1-A	_LingualRoute	LingualRoute	2.16.840.1.113883.5.112

This value set has 644 codes in it. In order to keep the publication size manageable, only a selection (500 codes) of the whole set of codes is shown.

Legenda: Type L=leaf, S=specializable, A=abstract, D=deprecated. NullFlavors to appear in @nullFlavor attribute instead of @code.

6.1.56 ○ RouteOfAdministration 2.16.840.1.113883.1.11.14581 - 2011-07-26 (DEFN=UV=VO=1099-20110726) ref (from repository: ad2bbr-)

Id	2.16.840.1.113883.1.11.14581 ref ad2bbr-	Effective Date	2011-07-26 Other versions this id: <ul style="list-style-type: none"> ○ RouteOfAdministrationDEFN=UV=VO=1360-20160323 - as of 2014-03-26 ref ad2bbr-
Status	○ Final	Version Label	DEFN=UV=VO=1099-20110726
Name	RouteOfAdministration	Display Name	RouteOfAdministration
Description	<p>description:</p> <p>The path the administered medication takes to get into the body or into contact with the body.</p>		
Source Code System	2.16.840.1.113883.5.112		

Level/ Type	Code	Display Name	Code System
1-L	SOAK	Immersion (soak)	2.16.840.1.113883.5.112
1-L	SHAMPOO	Shampoo	2.16.840.1.113883.5.112
1-L	TRNSLING	Translingual	2.16.840.1.113883.5.112
1-L	PO	Swallow, oral	2.16.840.1.113883.5.112
1-L	GARGLE	Gargle	2.16.840.1.113883.5.112
1-L	SUCK	Suck, oromucosal	2.16.840.1.113883.5.112
1-A	_Chew	Chew	2.16.840.1.113883.5.112
2-L	CHEW	Chew, oral	2.16.840.1.113883.5.112
1-A	_Diffusion	Diffusion	2.16.840.1.113883.5.112

2-L	EXTCORPDIF	Diffusion, extracorporeal	2.16.840.1.113883.5.112
2-L	HEMODIFF	Diffusion, hemodialysis	2.16.840.1.113883.5.112
2-L	TRNSDERMD	Diffusion, transdermal	2.16.840.1.113883.5.112
1-A	_Dissolve	Dissolve	2.16.840.1.113883.5.112
2-L	DISSOLVE	Dissolve, oral	2.16.840.1.113883.5.112
2-L	SL	Dissolve, sublingual	2.16.840.1.113883.5.112
1-A	_Douche	Douche	2.16.840.1.113883.5.112
2-L	DOUCHE	Douche, vaginal	2.16.840.1.113883.5.112
1-A	_ElectroOsmosisRoute	ElectroOsmosisRoute	2.16.840.1.113883.5.112
2-L	ELECTOSMOS	Electro-osmosis	2.16.840.1.113883.5.112
1-A	_Enema	Enema	2.16.840.1.113883.5.112
2-L	ENEMA	Enema, rectal	2.16.840.1.113883.5.112
2-L	RETENEMA	Enema, rectal retention	2.16.840.1.113883.5.112
1-A	_Flush	Flush	2.16.840.1.113883.5.112
2-L	IVFLUSH	Flush, intravenous catheter	2.16.840.1.113883.5.112
1-A	_Implantation	Implantation	2.16.840.1.113883.5.112
2-L	IDIMPLNT	Implantation, intradermal	2.16.840.1.113883.5.112
2-L	IVITIMPLNT	Implantation, intravitreal	2.16.840.1.113883.5.112
2-L	SQIMPLNT	Implantation, subcutaneous	2.16.840.1.113883.5.112
1-A	_Infusion	Infusion	2.16.840.1.113883.5.112
2-L	EPI	Infusion, epidural	2.16.840.1.113883.5.112
2-L	IA	Infusion, intraarterial catheter	2.16.840.1.113883.5.112

2-L	IC	Infusion, intracardiac	2.16.840.1.113883.5.112
2-L	ICOR	Infusion, intracoronary	2.16.840.1.113883.5.112
2-L	IOSSC	Infusion, intraosseous, continuous	2.16.840.1.113883.5.112
2-L	IT	Infusion, intrathecal	2.16.840.1.113883.5.112
2-S	IV	Infusion, intravenous	2.16.840.1.113883.5.112
3-L	IVC	Infusion, intravenous catheter	2.16.840.1.113883.5.112
3-L	IVCC	Infusion, intravenous catheter, continuous	2.16.840.1.113883.5.112
3-L	IVCI	Infusion, intravenous catheter, intermittent	2.16.840.1.113883.5.112
3-L	PCA	Infusion, intravenous catheter, pca pump	2.16.840.1.113883.5.112
2-L	IVASCINFUS	Infusion, intravascular	2.16.840.1.113883.5.112
2-L	SQINFUS	Infusion, subcutaneous	2.16.840.1.113883.5.112
1-A	_Inhalation	Inhalation	2.16.840.1.113883.5.112
2-S	IPINHL	Inhalation, respiratory Inhalation, intrapulmonary Inhalation, oral	2.16.840.1.113883.5.112
3-L	ORIFINHL	Inhalation, oral intermittent flow	2.16.840.1.113883.5.112
3-L	REBREATH	Inhalation, oral rebreather mask	2.16.840.1.113883.5.112
2-S	ORINHL	Inhalation, respiratory Inhalation, intrapulmonary Inhalation, oral	2.16.840.1.113883.5.112
3-L	ORIFINHL	Inhalation, oral intermittent flow	2.16.840.1.113883.5.112
3-L	REBREATH	Inhalation, oral rebreather mask	2.16.840.1.113883.5.112
2-S	RESPINHL	Inhalation, respiratory Inhalation, intrapulmonary Inhalation, oral	2.16.840.1.113883.5.112
3-L	ORIFINHL	Inhalation, oral intermittent flow	2.16.840.1.113883.5.112
3-L	REBREATH	Inhalation, oral rebreather mask	2.16.840.1.113883.5.112
2-L	IPPB	Inhalation, intermittent positive pressure breathing (ippb)	2.16.840.1.113883.5.112

2-S	NASINHL	Inhalation, nasal	2.16.840.1.113883.5.112
3-L	NASINHLC	Inhalation, nasal cannula Inhalation, nasal, prongs	2.16.840.1.113883.5.112
3-L	NP	Inhalation, nasal cannula Inhalation, nasal, prongs	2.16.840.1.113883.5.112
2-S	NEB	Inhalation, nebulization	2.16.840.1.113883.5.112
3-L	NASNEB	Inhalation, nebulization, nasal	2.16.840.1.113883.5.112
3-L	ORNEB	Inhalation, nebulization, oral	2.16.840.1.113883.5.112
2-L	TRACH	Inhalation, tracheostomy	2.16.840.1.113883.5.112
2-L	VENT	Inhalation, ventilator	2.16.840.1.113883.5.112
2-L	VENTMASK	Inhalation, ventimask	2.16.840.1.113883.5.112
1-A	_Injection	Injection	2.16.840.1.113883.5.112
2-L	AMNINJ	Injection, amniotic fluid	2.16.840.1.113883.5.112
2-L	BILINJ	Injection, biliary tract	2.16.840.1.113883.5.112
2-L	CHOLINJ	Injection, for cholangiography	2.16.840.1.113883.5.112
2-L	CERVINJ	Injection, cervical	2.16.840.1.113883.5.112
2-L	EPIDURINJ	Injection, epidural	2.16.840.1.113883.5.112
2-L	EPIINJ	Injection, epidural, push	2.16.840.1.113883.5.112
2-L	EPINJSP	Injection, epidural, slow push	2.16.840.1.113883.5.112
2-L	EXTRAMNINJ	Injection, extra-amniotic	2.16.840.1.113883.5.112
2-L	EXTCORPINJ	Injection, extracorporeal	2.16.840.1.113883.5.112
2-L	GBINJ	Injection, gastric button	2.16.840.1.113883.5.112
2-L	GINGINJ	Injection, gingival	2.16.840.1.113883.5.112
2-L	BLADINJ	Injection, urinary bladder	2.16.840.1.113883.5.112

2-L	ENDOSINIJ	Injection, endosinusal	2.16.840.1.113883.5.112
2-L	HEMOPORT	Injection, hemodialysis port	2.16.840.1.113883.5.112
2-L	IABDINJ	Injection, intra-abdominal	2.16.840.1.113883.5.112
2-S	IAINJ	Injection, intraarterial	2.16.840.1.113883.5.112
3-L	IAINJP	Injection, intraarterial, push	2.16.840.1.113883.5.112
3-L	IAINJSP	Injection, intraarterial, slow push	2.16.840.1.113883.5.112
2-L	IARTINJ	Injection, intraarticular	2.16.840.1.113883.5.112
2-L	IBURSINJ	Injection, intrabursal	2.16.840.1.113883.5.112
2-S	ICARDINJ	Injection, intracardiac	2.16.840.1.113883.5.112
3-L	ICARDINJRP	Injection, intracardiac, rapid push	2.16.840.1.113883.5.112
3-L	ICARDINJSP	Injection, intracardiac, slow push	2.16.840.1.113883.5.112
3-L	ICARINJP	Injection, intracardiac, push	2.16.840.1.113883.5.112
2-L	ICARTINJ	Injection, intracartilaginous	2.16.840.1.113883.5.112
2-L	ICAUDINJ	Injection, intracaudal	2.16.840.1.113883.5.112
2-L	ICAVINJ	Injection, intracavernous	2.16.840.1.113883.5.112
2-L	ICAVITINJ	Injection, intracavitary	2.16.840.1.113883.5.112
2-L	ICEREBINJ	Injection, intracerebral	2.16.840.1.113883.5.112
2-L	ICISTERNINJ	Injection, intracisternal	2.16.840.1.113883.5.112
2-S	ICORONINJ	Injection, intracoronary	2.16.840.1.113883.5.112
3-L	ICORONINJP	Injection, intracoronary, push	2.16.840.1.113883.5.112
2-L	ICORPCAVINJ	Injection, intracorporis cavernosum	2.16.840.1.113883.5.112
2-L	IDINJ	Injection, intradermal	2.16.840.1.113883.5.112

2-L	IDISCINJ	Injection, intradiscal	2.16.840.1.113883.5.112
2-L	IDUCTINJ	Injection, intraductal	2.16.840.1.113883.5.112
2-L	IDURINJ	Injection, intradural	2.16.840.1.113883.5.112
2-L	IEPIDINJ	Injection, intraepidermal	2.16.840.1.113883.5.112
2-L	IEPITHINJ	Injection, intraepithelial	2.16.840.1.113883.5.112
2-L	ILESINJ	Injection, intralesional	2.16.840.1.113883.5.112
2-L	ILUMINJ	Injection, intraluminal	2.16.840.1.113883.5.112
2-L	ILYMPJINJ	Injection, intralymphatic	2.16.840.1.113883.5.112
2-S	IM	Injection, intramuscular	2.16.840.1.113883.5.112
3-L	IMD	Injection, intramuscular, deep	2.16.840.1.113883.5.112
3-L	IMZ	Injection, intramuscular, z track	2.16.840.1.113883.5.112
2-L	IMEDULINJ	Injection, intramedullary	2.16.840.1.113883.5.112
2-L	INTERMENINJ	Injection, intermeningeal	2.16.840.1.113883.5.112
2-L	INTERSTITINJ	Injection, interstitial	2.16.840.1.113883.5.112
2-L	IOINJ	Injection, intraocular	2.16.840.1.113883.5.112
2-L	IOSSINJ	Injection, intraosseous	2.16.840.1.113883.5.112
2-L	IOVARINJ	Injection, intraovarian	2.16.840.1.113883.5.112
2-L	IPCARDINJ	Injection, intrapericardial	2.16.840.1.113883.5.112
2-L	IPERINJ	Injection, intraperitoneal	2.16.840.1.113883.5.112
2-L	IPINJ	Injection, intrapulmonary	2.16.840.1.113883.5.112
2-L	IPLRINJ	Injection, intrapleural	2.16.840.1.113883.5.112
2-L	IPROSTINJ	Injection, intraprostatic	2.16.840.1.113883.5.112

2-L	IPUMPINJ	Injection, insulin pump	2.16.840.1.113883.5.112
2-L	ISINJ	Injection, intraspinal	2.16.840.1.113883.5.112
2-L	ISTERINJ	Injection, intrasternal	2.16.840.1.113883.5.112
2-L	ISYNINJ	Injection, intrasynovial	2.16.840.1.113883.5.112
2-L	ITENDINJ	Injection, intratendinous	2.16.840.1.113883.5.112
2-L	ITESTINJ	Injection, intratesticular	2.16.840.1.113883.5.112
2-L	ITHORINJ	Injection, intrathoracic	2.16.840.1.113883.5.112
2-L	ITINJ	Injection, intrathecal	2.16.840.1.113883.5.112
2-L	ITUBINJ	Injection, intratubular	2.16.840.1.113883.5.112
2-L	ITUMINJ	Injection, intratumor	2.16.840.1.113883.5.112
2-L	ITYMPINJ	Injection, intratympanic	2.16.840.1.113883.5.112
2-L	IUINJ	Injection, intrauterine	2.16.840.1.113883.5.112
2-L	IUINJC	Injection, intracervical (uterus)	2.16.840.1.113883.5.112
2-L	IURETINJ	Injection, intraureteral, retrograde	2.16.840.1.113883.5.112
2-L	IVASCINJ	Injection, intravascular	2.16.840.1.113883.5.112
2-L	IVENTINJ	Injection, intraventricular (heart)	2.16.840.1.113883.5.112
2-L	IVESINJ	Injection, intravesicle	2.16.840.1.113883.5.112
2-S	IVINJ	Injection, intravenous	2.16.840.1.113883.5.112
3-L	IVINJBOL	Injection, intravenous, bolus	2.16.840.1.113883.5.112
3-L	IVPUSH	Injection, intravenous, push	2.16.840.1.113883.5.112
3-L	IVRPUSH	Injection, intravenous, rapid push	2.16.840.1.113883.5.112
3-L	IVSPUSH	Injection, intravenous, slow push	2.16.840.1.113883.5.112

2-L	IVITINJ	Injection, intravitreal	2.16.840.1.113883.5.112
2-L	PAINJ	Injection, periarticular	2.16.840.1.113883.5.112
2-L	PARENTINJ	Injection, parenteral	2.16.840.1.113883.5.112
2-L	PDONTINJ	Injection, periodontal	2.16.840.1.113883.5.112
2-L	PDPINJ	Injection, peritoneal dialysis port	2.16.840.1.113883.5.112
2-L	PDURINJ	Injection, peridural	2.16.840.1.113883.5.112
2-L	PNINJ	Injection, perineural	2.16.840.1.113883.5.112
2-L	PNSINJ	Injection, paranasal sinuses	2.16.840.1.113883.5.112
2-L	RBINJ	Injection, retrobulbar	2.16.840.1.113883.5.112
2-L	SCINJ	Injection, subconjunctival	2.16.840.1.113883.5.112
2-L	SLESINJ	Injection, sublesional	2.16.840.1.113883.5.112
2-L	SOFTISINJ	Injection, soft tissue	2.16.840.1.113883.5.112
2-L	SQ	Injection, subcutaneous	2.16.840.1.113883.5.112
2-L	SUBARACHINJ	Injection, subarachnoid	2.16.840.1.113883.5.112
2-L	SUBMUCINJ	Injection, submucosal	2.16.840.1.113883.5.112
2-L	TRPLACINJ	Injection, transplacental	2.16.840.1.113883.5.112
2-L	TRTRACHINJ	Injection, transtracheal	2.16.840.1.113883.5.112
2-L	URETHINJ	Injection, urethral	2.16.840.1.113883.5.112
2-L	URETINJ	Injection, ureteral	2.16.840.1.113883.5.112
1-A	_Insertion	Insertion	2.16.840.1.113883.5.112
2-L	CERVINS	Insertion, cervical (uterine)	2.16.840.1.113883.5.112
2-L	IOSURGINS	Insertion, intraocular, surgical	2.16.840.1.113883.5.112

2-L	IU	Insertion, intrauterine	2.16.840.1.113883.5.112
2-L	LPINS	Insertion, lacrimal puncta	2.16.840.1.113883.5.112
2-L	PR	Insertion, rectal	2.16.840.1.113883.5.112
2-L	SQSURGINS	Insertion, subcutaneous, surgical	2.16.840.1.113883.5.112
2-L	URETHINS	Insertion, urethral	2.16.840.1.113883.5.112
2-L	VAGINSI	Insertion, vaginal	2.16.840.1.113883.5.112
1-A	_Instillation	Instillation	2.16.840.1.113883.5.112
2-L	CECINSTL	Instillation, cecostomy	2.16.840.1.113883.5.112
2-L	EFT	Instillation, enteral feeding tube	2.16.840.1.113883.5.112
2-L	ENTINSTL	Instillation, enteral	2.16.840.1.113883.5.112
2-L	GT	Instillation, gastrostomy tube	2.16.840.1.113883.5.112
2-L	NGT	Instillation, nasogastric tube	2.16.840.1.113883.5.112
2-L	OGT	Instillation, orogastric tube	2.16.840.1.113883.5.112
2-L	BLADINSTL	Instillation, urinary catheter	2.16.840.1.113883.5.112
2-L	CAPDINSTL	Instillation, continuous ambulatory peritoneal dialysis port	2.16.840.1.113883.5.112
2-L	CTINSTL	Instillation, chest tube	2.16.840.1.113883.5.112
2-L	ETINSTL	Instillation, endotracheal tube	2.16.840.1.113883.5.112
2-L	GJT	Instillation, gastro-jejunostomy tube	2.16.840.1.113883.5.112
2-L	IBRONCHINSTIL	Instillation, intrabronchial	2.16.840.1.113883.5.112
2-L	IDUODINSTIL	Instillation, intraduodenal	2.16.840.1.113883.5.112
2-L	IESOPHINSTIL	Instillation, intraesophageal	2.16.840.1.113883.5.112
2-L	IGASTINSTIL	Instillation, intragastric	2.16.840.1.113883.5.112

2-L	IILEALINJ	Instillation, intraileal	2.16.840.1.113883.5.112
2-L	IOINSTL	Instillation, intraocular	2.16.840.1.113883.5.112
2-L	ISININSTIL	Instillation, intrasinal	2.16.840.1.113883.5.112
2-L	ITRACHINSTIL	Instillation, intratracheal	2.16.840.1.113883.5.112
2-L	IUINSTL	Instillation, intrauterine	2.16.840.1.113883.5.112
2-L	JJTINSTL	Instillation, jejunostomy tube	2.16.840.1.113883.5.112
2-L	LARYNGINSTIL	Instillation, laryngeal	2.16.840.1.113883.5.112
2-L	NASALINSTIL	Instillation, nasal	2.16.840.1.113883.5.112
2-L	NASOGASINSTIL	Instillation, nasogastric	2.16.840.1.113883.5.112
2-L	NTT	Instillation, nasotracheal tube	2.16.840.1.113883.5.112
2-L	OJJ	Instillation, orojejunum tube	2.16.840.1.113883.5.112
2-L	OT	Instillation, otic	2.16.840.1.113883.5.112
2-L	PDPINSTL	Instillation, peritoneal dialysis port	2.16.840.1.113883.5.112
2-L	PNSINSTL	Instillation, paranasal sinuses	2.16.840.1.113883.5.112
2-S	RECINSTL	Instillation, rectal	2.16.840.1.113883.5.112
3-L	RECTINSTL	Instillation, rectal tube	2.16.840.1.113883.5.112
2-L	SININSTIL	Instillation, sinus, unspecified	2.16.840.1.113883.5.112
2-L	SOFTISINSTIL	Instillation, soft tissue	2.16.840.1.113883.5.112
2-L	TRACHINSTL	Instillation, tracheostomy	2.16.840.1.113883.5.112
2-L	TRTYMPINSTIL	Instillation, transtympanic	2.16.840.1.113883.5.112
2-L	URETHINSTL	instillation, urethral	2.16.840.1.113883.5.112
1-A	_IontophoresisRoute	IontophoresisRoute	2.16.840.1.113883.5.112

2-L	IONTO	Topical application, iontophoresis	2.16.840.1.113883.5.112
1-A	_Irrigation	Irrigation	2.16.840.1.113883.5.112
2-L	GUIRR	Irrigation, genitourinary	2.16.840.1.113883.5.112
2-L	IGASTIRR	Irrigation, intragastric	2.16.840.1.113883.5.112
2-L	ILESIRR	Irrigation, intralesional	2.16.840.1.113883.5.112
2-L	IOIRR	Irrigation, intraocular	2.16.840.1.113883.5.112
2-S	BLADIRR	Irrigation, urinary bladder	2.16.840.1.113883.5.112
3-L	BLADIRRC	Irrigation, urinary bladder, continuous	2.16.840.1.113883.5.112
3-L	BLADIRRT	Irrigation, urinary bladder, tidal	2.16.840.1.113883.5.112
2-L	RECIRR	Irrigation, rectal	2.16.840.1.113883.5.112
1-A	_LavageRoute	LavageRoute	2.16.840.1.113883.5.112
2-L	IGASTLAV	Lavage, intragastric	2.16.840.1.113883.5.112
1-A	_MucosalAbsorptionRoute	MucosalAbsorptionRoute	2.16.840.1.113883.5.112
2-L	IDOUDMAB	Mucosal absorption, intraduodenal	2.16.840.1.113883.5.112
2-L	ITRACHMAB	Mucosal absorption, intratracheal	2.16.840.1.113883.5.112
2-L	SMUCMAB	Mucosal absorption, submucosal	2.16.840.1.113883.5.112
1-A	_Nebulization	Nebulization	2.16.840.1.113883.5.112
2-L	ETNEB	Nebulization, endotracheal tube	2.16.840.1.113883.5.112
1-A	_Rinse	Rinse	2.16.840.1.113883.5.112
2-L	DENRINSE	Rinse, dental	2.16.840.1.113883.5.112
2-L	ORRINSE	Rinse, oral	2.16.840.1.113883.5.112
1-A	_SuppositoryRoute	SuppositoryRoute	2.16.840.1.113883.5.112

2-L	URETHSUP	Suppository, urethral	2.16.840.1.113883.5.112
1-A	_Swish	Swish	2.16.840.1.113883.5.112
2-L	SWISHSPIT	Swish and spit out, oromucosal	2.16.840.1.113883.5.112
2-L	SWISHSWAL	Swish and swallow, oromucosal	2.16.840.1.113883.5.112
1-A	_TopicalAbsorptionRoute	TopicalAbsorptionRoute	2.16.840.1.113883.5.112
2-L	TTYMPTABSORP	Topical absorption, transtympanic	2.16.840.1.113883.5.112
1-A	_TopicalApplication	TopicalApplication	2.16.840.1.113883.5.112
2-L	DRESS	Topical application, soaked dressing	2.16.840.1.113883.5.112
2-L	IONTO	Topical application, iontophoresis	2.16.840.1.113883.5.112
2-L	SWAB	Topical application, swab	2.16.840.1.113883.5.112
2-L	TOPICAL	Topical	2.16.840.1.113883.5.112
2-L	BUC	Topical application, buccal	2.16.840.1.113883.5.112
2-L	CERV	Topical application, cervical	2.16.840.1.113883.5.112
2-L	DEN	Topical application, dental	2.16.840.1.113883.5.112
2-L	GIN	Topical application, gingival	2.16.840.1.113883.5.112
2-L	HAIR	Topical application, hair	2.16.840.1.113883.5.112
2-L	ICORNTA	Topical application, intracorneal	2.16.840.1.113883.5.112
2-L	ICORONTA	Topical application, intracoronal (dental)	2.16.840.1.113883.5.112
2-L	IESOPHTA	Topical application, intraesophageal	2.16.840.1.113883.5.112
2-L	IILEALTA	Topical application, intraileal	2.16.840.1.113883.5.112
2-L	ILTOP	Topical application, intralesional	2.16.840.1.113883.5.112
2-L	ILUMTA	Topical application, intraluminal	2.16.840.1.113883.5.112

2-L	IOTOP	Topical application, intraocular	2.16.840.1.113883.5.112
2-L	LARYNGTA	Topical application, laryngeal	2.16.840.1.113883.5.112
2-L	MUC	Topical application, mucous membrane	2.16.840.1.113883.5.112
2-L	NAIL	Topical application, nail	2.16.840.1.113883.5.112
2-L	NASAL	Topical application, nasal	2.16.840.1.113883.5.112
2-L	OPHALTA	Topical application, ophthalmic	2.16.840.1.113883.5.112
2-L	ORALTA	Topical application, oral	2.16.840.1.113883.5.112
2-L	ORMUC	Topical application, oromucosal	2.16.840.1.113883.5.112
2-L	OROPHARTA	Topical application, oropharyngeal	2.16.840.1.113883.5.112
2-L	PERIANAL	Topical application, perianal	2.16.840.1.113883.5.112
2-L	PERINEAL	Topical application, perineal	2.16.840.1.113883.5.112
2-L	PDONTTA	Topical application, periodontal	2.16.840.1.113883.5.112
2-L	RECTAL	Topical application, rectal	2.16.840.1.113883.5.112
2-L	SCALP	Topical application, scalp	2.16.840.1.113883.5.112
2-L	OCDRESTA	Occlusive dressing technique	2.16.840.1.113883.5.112
2-L	SKIN	Topical application, skin	2.16.840.1.113883.5.112
2-L	SUBCONJTA	Subconjunctival	2.16.840.1.113883.5.112
2-L	TMUCTA	Topical application, transmucosal	2.16.840.1.113883.5.112
2-L	VAGINS	Topical application, vaginal	2.16.840.1.113883.5.112
1-L	INSUF	Insufflation	2.16.840.1.113883.5.112
1-S	TRNSDERM	Transdermal	2.16.840.1.113883.5.112
2-L	TRNSDERMD	Diffusion, transdermal	2.16.840.1.113883.5.112

1-S	TRNSDERM	Transdermal	2.16.840.1.113883.5.112
2-L	TRNSDERMD	Diffusion, transdermal	2.16.840.1.113883.5.112
1-A	_AmnioticFluidSacRoute	AmnioticFluidSacRoute	2.16.840.1.113883.5.112
2-L	AMNINJ	Injection, amniotic fluid	2.16.840.1.113883.5.112
1-A	_BiliaryRoute	BiliaryRoute	2.16.840.1.113883.5.112
2-L	BILINJ	Injection, biliary tract	2.16.840.1.113883.5.112
2-L	CHOLINJ	Injection, for cholangiography	2.16.840.1.113883.5.112
1-A	_BodySurfaceRoute	BodySurfaceRoute	2.16.840.1.113883.5.112
2-L	DRESS	Topical application, soaked dressing	2.16.840.1.113883.5.112
2-L	ELECTOSMOS	Electro-osmosis	2.16.840.1.113883.5.112
2-L	IONTO	Topical application, iontophoresis	2.16.840.1.113883.5.112
2-L	SOAK	Immersion (soak)	2.16.840.1.113883.5.112
2-L	SWAB	Topical application, swab	2.16.840.1.113883.5.112
2-L	TOPICAL	Topical	2.16.840.1.113883.5.112
1-A	_BuccalMucosaRoute	BuccalMucosaRoute	2.16.840.1.113883.5.112
2-L	BUC	Topical application, buccal	2.16.840.1.113883.5.112
1-A	_CecostomyRoute	CecostomyRoute	2.16.840.1.113883.5.112
2-L	CECINSTL	Instillation, cecostomy	2.16.840.1.113883.5.112
1-A	_CervicalRoute	CervicalRoute	2.16.840.1.113883.5.112
2-L	CERV	Topical application, cervical	2.16.840.1.113883.5.112
2-L	CERVINJ	Injection, cervical	2.16.840.1.113883.5.112
2-L	CERVINS	Insertion, cervical (uterine)	2.16.840.1.113883.5.112

2-L	DEN	Topical application, dental	2.16.840.1.113883.5.112
2-L	DENRINSE	Rinse, dental	2.16.840.1.113883.5.112
1-A	_EndocervicalRoute	EndocervicalRoute	2.16.840.1.113883.5.112
2-L	AMNINJ	Injection, amniotic fluid	2.16.840.1.113883.5.112
2-L	BILINJ	Injection, biliary tract	2.16.840.1.113883.5.112
1-A	_EnteralRoute	EnteralRoute	2.16.840.1.113883.5.112
2-L	EFT	Instillation, enteral feeding tube	2.16.840.1.113883.5.112
2-L	ENTINSTL	Instillation, enteral	2.16.840.1.113883.5.112
1-A	_EpiduralRoute	EpiduralRoute	2.16.840.1.113883.5.112
2-L	EPI	Infusion, epidural	2.16.840.1.113883.5.112
2-L	EPIDURINJ	Injection, epidural	2.16.840.1.113883.5.112
2-L	EPIINJ	Injection, epidural, push	2.16.840.1.113883.5.112
2-L	EPINJSP	Injection, epidural, slow push	2.16.840.1.113883.5.112
1-A	_ExtraAmnioticRoute	ExtraAmnioticRoute	2.16.840.1.113883.5.112
2-L	EXTRAMNINJ	Injection, extra-amniotic	2.16.840.1.113883.5.112
1-A	_ExtracorporealCirculationRoute	ExtracorporealCirculationRoute	2.16.840.1.113883.5.112
2-L	EXTCORPDIF	Diffusion, extracorporeal	2.16.840.1.113883.5.112
2-L	EXTCORPINJ	Injection, extracorporeal	2.16.840.1.113883.5.112
1-A	_GastricRoute	GastricRoute	2.16.840.1.113883.5.112
2-L	GBINJ	Injection, gastric button	2.16.840.1.113883.5.112
2-L	GT	Instillation, gastrostomy tube	2.16.840.1.113883.5.112
2-L	NGT	Instillation, nasogastric tube	2.16.840.1.113883.5.112

2-L	OGT	Instillation, orogastric tube	2.16.840.1.113883.5.112
1-A	_GenitourinaryRoute	GenitourinaryRoute	2.16.840.1.113883.5.112
2-L	GUIRR	Irrigation, genitourinary	2.16.840.1.113883.5.112
1-A	_GingivalRoute	GingivalRoute	2.16.840.1.113883.5.112
2-L	GIN	Topical application, gingival	2.16.840.1.113883.5.112
2-L	GINGINJ	Injection, gingival	2.16.840.1.113883.5.112
1-A	_HairRoute	HairRoute	2.16.840.1.113883.5.112
2-L	HAIR	Topical application, hair	2.16.840.1.113883.5.112
2-L	SHAMPOO	Shampoo	2.16.840.1.113883.5.112
1-A	_InterameningealRoute	InterameningealRoute	2.16.840.1.113883.5.112
2-L	INTERMENINJ	Injection, interameningeal	2.16.840.1.113883.5.112
1-A	_InterstitialRoute	InterstitialRoute	2.16.840.1.113883.5.112
2-L	INTERSTITINJ	Injection, interstitial	2.16.840.1.113883.5.112
1-A	_IntraabdominalRoute	IntraabdominalRoute	2.16.840.1.113883.5.112
2-L	IABDINJ	Injection, intra-abdominal	2.16.840.1.113883.5.112
1-A	_IntraarterialRoute	IntraarterialRoute	2.16.840.1.113883.5.112
2-L	IA	Infusion, intraarterial catheter	2.16.840.1.113883.5.112
2-S	IAINJ	Injection, intraarterial	2.16.840.1.113883.5.112
3-L	IAINJP	Injection, intraarterial, push	2.16.840.1.113883.5.112
3-L	IAINJSP	Injection, intraarterial, slow push	2.16.840.1.113883.5.112
1-A	_IntraarticularRoute	IntraarticularRoute	2.16.840.1.113883.5.112
2-L	IARTINJ	Injection, intraarticular	2.16.840.1.113883.5.112

1-A	_IntrabronchialRoute	IntrabronchialRoute	2.16.840.1.113883.5.112
2-L	IBRONCHINSTIL	Instillation, intrabronchial	2.16.840.1.113883.5.112
1-A	_IntrabursalRoute	IntrabursalRoute	2.16.840.1.113883.5.112
2-L	IBURSINJ	Injection, intrabursal	2.16.840.1.113883.5.112
1-A	_IntracardiacRoute	IntracardiacRoute	2.16.840.1.113883.5.112
2-L	IC	Infusion, intracardiac	2.16.840.1.113883.5.112
2-S	ICARDINJ	Injection, intracardiac	2.16.840.1.113883.5.112
3-L	ICARDINJRP	Injection, intracardiac, rapid push	2.16.840.1.113883.5.112
3-L	ICARDINJSP	Injection, intracardiac, slow push	2.16.840.1.113883.5.112
3-L	ICARINJP	Injection, intracardiac, push	2.16.840.1.113883.5.112
1-A	_IntracartilaginousRoute	IntracartilaginousRoute	2.16.840.1.113883.5.112
2-L	ICARTINJ	Injection, intracartilaginous	2.16.840.1.113883.5.112
1-A	_IntracaudalRoute	IntracaudalRoute	2.16.840.1.113883.5.112
2-L	ICAUDINJ	Injection, intracaudal	2.16.840.1.113883.5.112
1-A	_IntracavernosalRoute	IntracavernosalRoute	2.16.840.1.113883.5.112
2-L	ICAVINJ	Injection, intracavernous	2.16.840.1.113883.5.112
1-A	_IntracavitaryRoute	IntracavitaryRoute	2.16.840.1.113883.5.112
2-L	ICAVITINJ	Injection, intracavitary	2.16.840.1.113883.5.112
1-A	_IntracerebralRoute	IntracerebralRoute	2.16.840.1.113883.5.112
2-L	ICEREBINJ	Injection, intracerebral	2.16.840.1.113883.5.112
1-A	_IntracervicalRoute	IntracervicalRoute	2.16.840.1.113883.5.112
2-L	IUINJC	Injection, intracervical (uterus)	2.16.840.1.113883.5.112

1-A	_IntracisternalRoute	IntracisternalRoute	2.16.840.1.113883.5.112
2-L	ICISTERNINJ	Injection, intracisternal	2.16.840.1.113883.5.112
1-A	_IntracornealRoute	IntracornealRoute	2.16.840.1.113883.5.112
2-L	ICORNTA	Topical application, intracorneal	2.16.840.1.113883.5.112
1-A	_IntracoronaryRoute	IntracoronaryRoute	2.16.840.1.113883.5.112
2-L	ICORONTA	Topical application, intracoronary (dental)	2.16.840.1.113883.5.112
1-A	_IntracoronaryRoute	IntracoronaryRoute	2.16.840.1.113883.5.112
2-L	ICOR	Infusion, intracoronary	2.16.840.1.113883.5.112
2-S	ICORONINJ	Injection, intracoronary	2.16.840.1.113883.5.112
3-L	ICORONINJP	Injection, intracoronary, push	2.16.840.1.113883.5.112
1-A	_IntracorporisCavernosumRoute	IntracorporisCavernosumRoute	2.16.840.1.113883.5.112
2-L	ICORPCAVINJ	Injection, intracorporis cavernosum	2.16.840.1.113883.5.112
1-A	_IntradermalRoute	IntradermalRoute	2.16.840.1.113883.5.112
2-L	IDIMPLNT	Implantation, intradermal	2.16.840.1.113883.5.112
2-L	IDINJ	Injection, intradermal	2.16.840.1.113883.5.112
1-A	_IntradiscalRoute	IntradiscalRoute	2.16.840.1.113883.5.112
2-L	IDISCINJ	Injection, intradiscal	2.16.840.1.113883.5.112
1-A	_IntraductalRoute	IntraductalRoute	2.16.840.1.113883.5.112
2-L	IDUCTINJ	Injection, intraductal	2.16.840.1.113883.5.112
1-A	_IntraduodenalRoute	IntraduodenalRoute	2.16.840.1.113883.5.112
2-L	IDUODINSTIL	Instillation, intraduodenal	2.16.840.1.113883.5.112
2-L	IDOUDMAB	Mucosal absorption, intraduodenal	2.16.840.1.113883.5.112

1-A	_IntraduralRoute	IntraduralRoute	2.16.840.1.113883.5.112
2-L	IDURINJ	Injection, intradural	2.16.840.1.113883.5.112
1-A	_IntraepidermalRoute	IntraepidermalRoute	2.16.840.1.113883.5.112
2-L	IEPIDINJ	Injection, intraepidermal	2.16.840.1.113883.5.112
1-A	_IntraepithelialRoute	IntraepithelialRoute	2.16.840.1.113883.5.112
2-L	IEPITHINJ	Injection, intraepithelial	2.16.840.1.113883.5.112
1-A	_IntraesophagealRoute	IntraesophagealRoute	2.16.840.1.113883.5.112
2-L	IESOPHINSTIL	Instillation, intraesophageal	2.16.840.1.113883.5.112
2-L	IESOPHTA	Topical application, intraesophageal	2.16.840.1.113883.5.112
1-A	_IntragastricRoute	IntragastricRoute	2.16.840.1.113883.5.112
2-L	IGASTINSTIL	Instillation, intragastric	2.16.840.1.113883.5.112
2-L	IGASTIRR	Irrigation, intragastric	2.16.840.1.113883.5.112
2-L	IGASTLAV	Lavage, intragastric	2.16.840.1.113883.5.112
1-A	_IntrailealRoute	IntrailealRoute	2.16.840.1.113883.5.112
2-L	IILEALINJ	Instillation, intraileal	2.16.840.1.113883.5.112
2-L	IILEALTA	Topical application, intraileal	2.16.840.1.113883.5.112
1-A	_IntralesionalRoute	IntralesionalRoute	2.16.840.1.113883.5.112
2-L	ILESINJ	Injection, intralesional	2.16.840.1.113883.5.112
2-L	ILESIRR	Irrigation, intralesional	2.16.840.1.113883.5.112
2-L	ILTOP	Topical application, intralesional	2.16.840.1.113883.5.112
1-A	_IntraluminalRoute	IntraluminalRoute	2.16.840.1.113883.5.112
2-L	ILUMINJ	Injection, intraluminal	2.16.840.1.113883.5.112

2-L	ILUMTA	Topical application, intraluminal	2.16.840.1.113883.5.112
1-A	_IntralymphaticRoute	IntralymphaticRoute	2.16.840.1.113883.5.112
2-L	ILYMPJINJ	Injection, intralymphatic	2.16.840.1.113883.5.112
1-A	_IntramedullaryRoute	IntramedullaryRoute	2.16.840.1.113883.5.112
2-L	IMEDULINJ	Injection, intramedullary	2.16.840.1.113883.5.112
1-A	_IntramuscularRoute	IntramuscularRoute	2.16.840.1.113883.5.112
2-S	IM	Injection, intramuscular	2.16.840.1.113883.5.112
3-L	IMD	Injection, intramuscular, deep	2.16.840.1.113883.5.112
3-L	IMZ	Injection, intramuscular, z track	2.16.840.1.113883.5.112
1-A	_IntraocularRoute	IntraocularRoute	2.16.840.1.113883.5.112
2-L	IOINJ	Injection, intraocular	2.16.840.1.113883.5.112
2-L	IOSURGINJ	Insertion, intraocular, surgical	2.16.840.1.113883.5.112
2-L	IOINSTL	Instillation, intraocular	2.16.840.1.113883.5.112
2-L	IOIRR	Irrigation, intraocular	2.16.840.1.113883.5.112
2-L	IOTOP	Topical application, intraocular	2.16.840.1.113883.5.112
1-A	_IntraosseousRoute	IntraosseousRoute	2.16.840.1.113883.5.112
2-L	IOSSC	Infusion, intraosseous, continuous	2.16.840.1.113883.5.112
2-L	IOSSINJ	Injection, intraosseous	2.16.840.1.113883.5.112
1-A	_IntraovarianRoute	IntraovarianRoute	2.16.840.1.113883.5.112
2-L	IOVARINJ	Injection, intraovarian	2.16.840.1.113883.5.112
1-A	_IntrapericardialRoute	IntrapericardialRoute	2.16.840.1.113883.5.112
2-L	IPCARDINJ	Injection, intrapericardial	2.16.840.1.113883.5.112

1-A	_IntraperitonealRoute	IntraperitonealRoute	2.16.840.1.113883.5.112
2-L	IPERINJ	Injection, intraperitoneal	2.16.840.1.113883.5.112
2-L	PDPINJ	Injection, peritoneal dialysis port	2.16.840.1.113883.5.112
2-L	CAPDINSTL	Instillation, continuous ambulatory peritoneal dialysis port	2.16.840.1.113883.5.112
2-L	PDPINSTL	Instillation, peritoneal dialysis port	2.16.840.1.113883.5.112
1-A	_IntrapleuralRoute	IntrapleuralRoute	2.16.840.1.113883.5.112
2-L	IPLRINJ	Injection, intrapleural	2.16.840.1.113883.5.112
2-L	CTINSTL	Instillation, chest tube	2.16.840.1.113883.5.112
1-A	_IntraprostaticRoute	IntraprostaticRoute	2.16.840.1.113883.5.112
2-L	IPOSTINJ	Injection, intraprostatic	2.16.840.1.113883.5.112
1-A	_IntrapulmonaryRoute	IntrapulmonaryRoute	2.16.840.1.113883.5.112
2-L	EXTCORPINJ	Injection, extracorporeal	2.16.840.1.113883.5.112
2-L	IPINJ	Injection, intrapulmonary	2.16.840.1.113883.5.112
1-A	_IntrasinalRoute	IntrasinalRoute	2.16.840.1.113883.5.112
2-L	ISININSTIL	Instillation, intrasinal	2.16.840.1.113883.5.112
1-A	_IntraspinalRoute	IntraspinalRoute	2.16.840.1.113883.5.112
2-L	ISINJ	Injection, intraspinal	2.16.840.1.113883.5.112
1-A	_IntrasternalRoute	IntrasternalRoute	2.16.840.1.113883.5.112
2-L	ISTERINJ	Injection, intrasternal	2.16.840.1.113883.5.112
1-A	_IntrasynovialRoute	IntrasynovialRoute	2.16.840.1.113883.5.112
2-L	ISYNINJ	Injection, intrasynovial	2.16.840.1.113883.5.112
1-A	_IntratendinousRoute	IntratendinousRoute	2.16.840.1.113883.5.112

2-L	ITENDINJ	Injection, intratendinous	2.16.840.1.113883.5.112
1-A	_IntratesticularRoute	IntratesticularRoute	2.16.840.1.113883.5.112
2-L	ITESTINJ	Injection, intratesticular	2.16.840.1.113883.5.112
1-A	_IntrathecalRoute	IntrathecalRoute	2.16.840.1.113883.5.112
2-L	IT	Infusion, intrathecal	2.16.840.1.113883.5.112
2-L	ITINJ	Injection, intrathecal	2.16.840.1.113883.5.112
1-A	_IntrathoracicRoute	IntrathoracicRoute	2.16.840.1.113883.5.112
2-L	ITHORINJ	Injection, intrathoracic	2.16.840.1.113883.5.112
1-A	_IntratrachealRoute	IntratrachealRoute	2.16.840.1.113883.5.112
2-L	ITRACHINSTIL	Instillation, intratracheal	2.16.840.1.113883.5.112
2-L	ITRACHMAB	Mucosal absorption, intratracheal	2.16.840.1.113883.5.112
1-A	_IntratubularRoute	IntratubularRoute	2.16.840.1.113883.5.112
2-L	ITUBINJ	Injection, intratubular	2.16.840.1.113883.5.112
1-A	_IntratumorRoute	IntratumorRoute	2.16.840.1.113883.5.112
2-L	ITUMINJ	Injection, intratumor	2.16.840.1.113883.5.112
1-A	_IntratympanicRoute	IntratympanicRoute	2.16.840.1.113883.5.112
2-L	ITYMPINJ	Injection, intratympanic	2.16.840.1.113883.5.112
1-A	_IntrauterineRoute	IntrauterineRoute	2.16.840.1.113883.5.112
2-L	IUINJ	Injection, intrauterine	2.16.840.1.113883.5.112
2-L	IURETINJ	Injection, intraureteral, retrograde	2.16.840.1.113883.5.112
2-L	IU	Insertion, intrauterine	2.16.840.1.113883.5.112
2-L	IUINSTL	Instillation, intrauterine	2.16.840.1.113883.5.112

1-A	_IntravascularRoute	IntravascularRoute	2.16.840.1.113883.5.112
2-L	HEMODIFF	Diffusion, hemodialysis	2.16.840.1.113883.5.112
2-L	IVASCINFUS	Infusion, intravascular	2.16.840.1.113883.5.112
2-L	HEMOPORT	Injection, hemodialysis port	2.16.840.1.113883.5.112
2-L	IVASCINJ	Injection, intravascular	2.16.840.1.113883.5.112
1-A	_IntravenousRoute	IntravenousRoute	2.16.840.1.113883.5.112
2-L	IVFLUSH	Flush, intravenous catheter	2.16.840.1.113883.5.112
2-S	IVINJ	Injection, intravenous	2.16.840.1.113883.5.112
3-L	IVINJBOL	Injection, intravenous, bolus	2.16.840.1.113883.5.112
3-L	IVPUSH	Injection, intravenous, push	2.16.840.1.113883.5.112
3-L	IVRPUSH	Injection, intravenous, rapid push	2.16.840.1.113883.5.112
3-L	IVSPUSH	Injection, intravenous, slow push	2.16.840.1.113883.5.112
1-A	_IntraventricularRoute	IntraventricularRoute	2.16.840.1.113883.5.112
2-L	IVENTINJ	Injection, intraventricular (heart)	2.16.840.1.113883.5.112
1-A	_IntravesicleRoute	IntravesicleRoute	2.16.840.1.113883.5.112
2-L	IVESINJ	Injection, intravesicle	2.16.840.1.113883.5.112
1-A	_IntravitrealRoute	IntravitrealRoute	2.16.840.1.113883.5.112
2-L	IVITINJ	Injection, intravitreal	2.16.840.1.113883.5.112
1-A	_JejunumRoute	JejunumRoute	2.16.840.1.113883.5.112
2-L	GJT	Instillation, gastro-jejunostomy tube	2.16.840.1.113883.5.112
2-L	JJTINSTL	Instillation, jejunostomy tube	2.16.840.1.113883.5.112
2-L	OJJ	Instillation, orojejunum tube	2.16.840.1.113883.5.112

1-A	_LacrimalPunctaRoute	LacrimalPunctaRoute	2.16.840.1.113883.5.112
2-L	LPINS	Insertion, lacrimal puncta	2.16.840.1.113883.5.112
1-A	_LaryngealRoute	LaryngealRoute	2.16.840.1.113883.5.112
2-L	LARYNGINSTIL	Instillation, laryngeal	2.16.840.1.113883.5.112
2-L	LARYNGTA	Topical application, laryngeal	2.16.840.1.113883.5.112
1-A	_LingualRoute	LingualRoute	2.16.840.1.113883.5.112

This value set has 644 codes in it. In order to keep the publication size manageable, only a selection (500 codes) of the whole set of codes is shown.

Legenda: Type L=leaf, S=specializable, A=abstract, D=deprecated. NullFlavors to appear in @nullFlavor attribute instead of @code.

6.1.57 ○ ServiceDeliveryLocationRoleType 2.16.840.1.113883.1.11.17660 - 2014-03-26 (DEFN=UV=VO=1360-20160323) ref (from repository: ad2bbr-)

Id	2.16.840.1.113883.1.11.17660 ref ad2bbr-	Effective Date	2014-03-26 Other versions this id: <ul style="list-style-type: none"> ● ServiceDeliveryLocationRoleTypeDEFN=UV=VO=1099-20110726 - as of 2011-07-26 ref ad2bbr-
Status	● Final	Version Label	DEFN=UV=VO=1360-20160323
Name	ServiceDeliveryLocationRoleType	Display Name	ServiceDeliveryLocationRoleType
Description	<p>History description 2014-03-26: Lock all vaue sets untouched since 2014-03-26 to trackingId 2014T1_2014_03_26</p> <p>description:</p> <p>A role of a place that further classifies the setting (e.g., accident site, road side, work site, community location) in which services are delivered.</p>		
Source Code System	2.16.840.1.113883.5.111		

Level/ Type	Code	Display Name	Code System
1-A	_DedicatedServiceDeliveryLocationRoleType	DedicatedServiceDeliveryLocationRoleType	2.16.840.1.113883.5.111

2-A	_DedicatedClinicalLocationRoleType	DedicatedClinicalLocationRoleType	2.16.840.1.113883.5.111
3-S	DX	Diagnostics or therapeutics unit	2.16.840.1.113883.5.111
4-S	CVDX	Cardiovascular diagnostics or therapeutics unit	2.16.840.1.113883.5.111
5-L	CATH	Cardiac catheterization lab	2.16.840.1.113883.5.111
5-L	ECHO	Echocardiography lab	2.16.840.1.113883.5.111
4-S	GIDX	Gastroenterology diagnostics or therapeutics lab	2.16.840.1.113883.5.111
5-L	ENDOS	Endoscopy lab Ambulatory Health Care Facilities; Clinic/Center; Endoscopy	2.16.840.1.113883.5.111
4-S	RADDX	Radiology diagnostics or therapeutics unit Ambulatory Health Care Facilities; Clinic/Center; Radiology	2.16.840.1.113883.5.111
5-L	RADO	Radiation oncology unit Ambulatory Health Care Facilities; Clinic/Center; Oncology, Radiation	2.16.840.1.113883.5.111
5-L	RNEU	Neuroradiology unit	2.16.840.1.113883.5.111
3-S	HOSP	Hospital	2.16.840.1.113883.5.111
4-L	CHR	Chronic Care Facility Hospitals; Chronic Disease Hospital	2.16.840.1.113883.5.111
4-L	GACH	Hospitals; General Acute Care Hospital General acute care hospital	2.16.840.1.113883.5.111
4-L	MHSP	Military Hospital MilitaryHospital	2.16.840.1.113883.5.111
4-L	PSYCHF	Psychiatric Care Facility	2.16.840.1.113883.5.111
4-S	RH	Rehabilitation hospital Hospitals; Rehabilitation Hospital	2.16.840.1.113883.5.111
5-L	RHAT	addiction treatment center	2.16.840.1.113883.5.111
5-L	RHII	intellectual impairment center	2.16.840.1.113883.5.111
5-L	RHMAD	parents with adjustment difficulties center	2.16.840.1.113883.5.111
5-S	RHPI	physical impairment center	2.16.840.1.113883.5.111
6-L	RHPIH	physical impairment - hearing center	2.16.840.1.113883.5.111

6-L	RHPIMS	physical impairment - motor skills center	2.16.840.1.113883.5.111
6-L	RHPIVS	physical impairment - visual skills center	2.16.840.1.113883.5.111
5-L	RHYAD	youths with adjustment difficulties center	2.16.840.1.113883.5.111
3-S	HU	Hospital unit	2.16.840.1.113883.5.111
4-L	BMTU	Bone marrow transplant unit	2.16.840.1.113883.5.111
4-L	CCU	Coronary care unit	2.16.840.1.113883.5.111
4-L	CHEST	Chest unit	2.16.840.1.113883.5.111
4-L	EPIL	Epilepsy unit	2.16.840.1.113883.5.111
4-S	ER	Emergency room	2.16.840.1.113883.5.111
5-L	ETU	Emergency trauma unit	2.16.840.1.113883.5.111
4-L	HD	Hemodialysis unit	2.16.840.1.113883.5.111
4-S	HLAB	hospital laboratory	2.16.840.1.113883.5.111
5-L	INLAB	inpatient laboratory	2.16.840.1.113883.5.111
5-L	OUTLAB	outpatient laboratory	2.16.840.1.113883.5.111
4-L	HRAD	radiology unit	2.16.840.1.113883.5.111
4-L	HUSCS	specimen collection site	2.16.840.1.113883.5.111
4-S	ICU	Intensive care unit	2.16.840.1.113883.5.111
5-S	PEDICU	Pediatric intensive care unit	2.16.840.1.113883.5.111
6-L	PEDNICU	Pediatric neonatal intensive care unit	2.16.840.1.113883.5.111
4-L	INPHARM	inpatient pharmacy	2.16.840.1.113883.5.111
4-L	MBL	medical laboratory	2.16.840.1.113883.5.111
4-L	NCCS	Neurology critical care and stroke unit	2.16.840.1.113883.5.111

4-L	NS	Neurosurgery unit	2.16.840.1.113883.5.111
4-L	OUTPHARM	outpatient pharmacy	2.16.840.1.113883.5.111
4-S	PEDU	Pediatric unit	2.16.840.1.113883.5.111
5-S	PEDICU	Pediatric intensive care unit	2.16.840.1.113883.5.111
6-L	PEDNICU	Pediatric neonatal intensive care unit	2.16.840.1.113883.5.111
4-L	PHU	Psychiatric hospital unit Hospital Units; Psychiatric Unit	2.16.840.1.113883.5.111
4-L	RHU	Rehabilitation hospital unit Hospital Units; Rehabilitation Unit	2.16.840.1.113883.5.111
4-L	SLEEP	Sleep disorders unit	2.16.840.1.113883.5.111
3-S	NCCF	Nursing or custodial care facility	2.16.840.1.113883.5.111
4-L	SNF	Skilled nursing facility Nursing & Custodial Care Facilities; Skilled Nursing Facility	2.16.840.1.113883.5.111
3-S	OF	Outpatient facility	2.16.840.1.113883.5.111
4-L	ALL	Allergy clinic	2.16.840.1.113883.5.111
4-L	AMPUT	Amputee clinic	2.16.840.1.113883.5.111
4-L	BMTC	Bone marrow transplant clinic	2.16.840.1.113883.5.111
4-L	BREAST	Breast clinic	2.16.840.1.113883.5.111
4-L	CANC	Child and adolescent neurology clinic	2.16.840.1.113883.5.111
4-L	CAPC	Child and adolescent psychiatry clinic	2.16.840.1.113883.5.111
4-S	CARD	Ambulatory Health Care Facilities; Clinic/Center; Rehabilitation: Cardiac Facilities Cardiology clinic	2.16.840.1.113883.5.111
5-L	PEDCARD	Pediatric cardiology clinic	2.16.840.1.113883.5.111
4-L	COAG	Coagulation clinic	2.16.840.1.113883.5.111
4-L	CRS	Colon and rectal surgery clinic	2.16.840.1.113883.5.111

4-L	DERM	Dermatology clinic	2.16.840.1.113883.5.111
4-S	ENDO	Endocrinology clinic	2.16.840.1.113883.5.111
5-L	PEDE	Pediatric endocrinology clinic	2.16.840.1.113883.5.111
4-L	ENT	Otorhinolaryngology clinic	2.16.840.1.113883.5.111
4-L	FMC	Family medicine clinic	2.16.840.1.113883.5.111
4-S	GI	Gastroenterology clinic	2.16.840.1.113883.5.111
5-L	PEDGI	Pediatric gastroenterology clinic	2.16.840.1.113883.5.111
4-L	GIM	General internal medicine clinic	2.16.840.1.113883.5.111
4-L	GYN	Gynecology clinic	2.16.840.1.113883.5.111
4-S	HEM	Hematology clinic	2.16.840.1.113883.5.111
5-L	PEDHEM	Pediatric hematology clinic	2.16.840.1.113883.5.111
4-L	HTN	Hypertension clinic	2.16.840.1.113883.5.111
4-L	IEC	Impairment evaluation center	2.16.840.1.113883.5.111
4-S	INFD	Infectious disease clinic	2.16.840.1.113883.5.111
5-L	PEDID	Pediatric infectious disease clinic	2.16.840.1.113883.5.111
4-L	INV	Infertility clinic	2.16.840.1.113883.5.111
4-L	LYMPH	Lymfedema clinic	2.16.840.1.113883.5.111
4-L	MGEN	Medical genetics clinic	2.16.840.1.113883.5.111
4-S	NEPH	Nephrology clinic	2.16.840.1.113883.5.111
5-L	PEDNEPH	Pediatric nephrology clinic	2.16.840.1.113883.5.111
4-L	NEUR	Neurology clinic	2.16.840.1.113883.5.111
4-L	OB	Obstetrics clinic	2.16.840.1.113883.5.111

4-L	OMS	Oral and maxillofacial surgery clinic Ambulatory Health Care Facilities; Clinic/Center; Surgery, Oral/Maxillofacial	2.16.840.1.113883.5.111
4-S	ONCL	Medical oncology clinic	2.16.840.1.113883.5.111
5-L	PEDHO	Pediatric oncology clinic	2.16.840.1.113883.5.111
4-L	OPH	Ophthalmology clinic	2.16.840.1.113883.5.111
4-L	OPTC	optometry clinic	2.16.840.1.113883.5.111
4-S	ORTHO	Orthopedics clinic	2.16.840.1.113883.5.111
5-L	HAND	Hand clinic	2.16.840.1.113883.5.111
4-L	PAINCL	Pain clinic Ambulatory Health Care Facilities; Clinic/Center; Pain	2.16.840.1.113883.5.111
4-L	PC	Primary care clinic Ambulatory Health Care Facilities; Clinic/Center; Primary Care	2.16.840.1.113883.5.111
4-S	PEDC	Pediatrics clinic	2.16.840.1.113883.5.111
5-L	PEDCARD	Pediatric cardiology clinic	2.16.840.1.113883.5.111
5-L	PEDE	Pediatric endocrinology clinic	2.16.840.1.113883.5.111
5-L	PEDGI	Pediatric gastroenterology clinic	2.16.840.1.113883.5.111
5-L	PEDHEM	Pediatric hematology clinic	2.16.840.1.113883.5.111
5-L	PEDID	Pediatric infectious disease clinic	2.16.840.1.113883.5.111
5-L	PEDNEPH	Pediatric nephrology clinic	2.16.840.1.113883.5.111
5-L	PEDHO	Pediatric oncology clinic	2.16.840.1.113883.5.111
5-L	PEDRHEUM	Pediatric rheumatology clinic	2.16.840.1.113883.5.111
4-L	POD	Podiatry clinic Ambulatory Health Care Facilities; Clinic/Center; Podiatric	2.16.840.1.113883.5.111
4-L	PREV	Preventive medicine clinic	2.16.840.1.113883.5.111
4-L	PROCTO	Proctology clinic	2.16.840.1.113883.5.111

4-L	PROFF	Provider's Office	2.16.840.1.113883.5.111
4-L	PROS	Prosthodontics clinic	2.16.840.1.113883.5.111
4-L	PSI	Psychology clinic	2.16.840.1.113883.5.111
4-L	PSY	Psychiatry clinic	2.16.840.1.113883.5.111
4-S	RHEUM	Rheumatology clinic	2.16.840.1.113883.5.111
5-L	PEDRHEUM	Pediatric rheumatology clinic	2.16.840.1.113883.5.111
4-L	SPMED	Sports medicine clinic	2.16.840.1.113883.5.111
4-S	SU	Surgery clinic	2.16.840.1.113883.5.111
5-L	PLS	Plastic surgery clinic	2.16.840.1.113883.5.111
5-L	URO	Urology clinic	2.16.840.1.113883.5.111
4-L	TR	Transplant clinic	2.16.840.1.113883.5.111
4-L	TRAVEL	Travel and geographic medicine clinic	2.16.840.1.113883.5.111
4-L	WND	Wound clinic	2.16.840.1.113883.5.111
3-S	RTF	Residential treatment facility	2.16.840.1.113883.5.111
4-L	PRC	Pain rehabilitation center	2.16.840.1.113883.5.111
4-L	SURF	Substance use rehabilitation facility Residential Treatment Facilities; Substance Use Rehabilitation Facility	2.16.840.1.113883.5.111
2-A	_DedicatedNonClinicalLocationRoleType	DedicatedNonClinicalLocationRoleType	2.16.840.1.113883.5.111
3-L	DADDR	Delivery Address	2.16.840.1.113883.5.111
3-S	MOBL	Mobile Unit	2.16.840.1.113883.5.111
4-L	AMB	Ambulance	2.16.840.1.113883.5.111
3-S	PHARM	Pharmacy	2.16.840.1.113883.5.111

4-L	INPHARM	inpatient pharmacy	2.16.840.1.113883.5.111
4-L	OUTPHARM	outpatient pharmacy	2.16.840.1.113883.5.111
1-A	_IncidentalServiceDeliveryLocationRoleType	IncidentalServiceDeliveryLocationRoleType	2.16.840.1.113883.5.111
2-L	ACC	accident site	2.16.840.1.113883.5.111
2-S	COMM	Community Location	2.16.840.1.113883.5.111
3-L	CSC	community service center	2.16.840.1.113883.5.111
2-L	PTRES	Patient's Residence	2.16.840.1.113883.5.111
2-L	SCHOOL	school	2.16.840.1.113883.5.111
2-L	UPC	underage protection center	2.16.840.1.113883.5.111
2-L	WORK	work site	2.16.840.1.113883.5.111

Legenda: Type L=leaf, S=specializable, A=abstract, D=deprecated. NullFlavors to appear in @nullFlavor attribute instead of @code.

6.1.58 ○ ServiceDeliveryLocationRoleType 2.16.840.1.113883.1.11.17660 - 2011-07-26 (DEFN=UV=VO=1099-20110726) ref (from repository: ad2bbr-)

Id	2.16.840.1.113883.1.11.17660 <small>ref</small> ad2bbr-	Effective Date	2011-07-26 Other versions this id: <ul style="list-style-type: none"> ● ServiceDeliveryLocationRoleTypeDEFN=UV=VO=1360-20160323 - as of 2014-03-26 <small>ref</small> ad2bbr-
Status	● Final	Version Label	DEFN=UV=VO=1099-20110726
Name	ServiceDeliveryLocationRoleType	Display Name	ServiceDeliveryLocationRoleType
Description	description: A role of a place that further classifies the setting (e.g., accident site, road side, work site, community location) in which services are delivered.		
Source Code System	2.16.840.1.113883.5.111		

Level/ Type	Code	Display Name	Code System
1-A	_DedicatedServiceDeliveryLocationRoleType	DedicatedServiceDeliveryLocationRoleType	2.16.840.1.113883.5.111
2-A	_DedicatedClinicalLocationRoleType	DedicatedClinicalLocationRoleType	2.16.840.1.113883.5.111
3-S	DX	Diagnostics or therapeutics unit	2.16.840.1.113883.5.111
4-S	CVDX	Cardiovascular diagnostics or therapeutics unit	2.16.840.1.113883.5.111
5-L	CATH	Cardiac catheterization lab	2.16.840.1.113883.5.111
5-L	ECHO	Echocardiography lab	2.16.840.1.113883.5.111
4-S	GIDX	Gastroenterology diagnostics or therapeutics lab	2.16.840.1.113883.5.111
5-L	ENDOS	Endoscopy lab Ambulatory Health Care Facilities; Clinic/Center; Endoscopy	2.16.840.1.113883.5.111
4-S	RADDX	Radiology diagnostics or therapeutics unit Ambulatory Health Care Facilities; Clinic/Center; Radiology	2.16.840.1.113883.5.111
5-L	RADO	Radiation oncology unit Ambulatory Health Care Facilities; Clinic/Center; Oncology, Radiation	2.16.840.1.113883.5.111
5-L	RNEU	Neuroradiology unit	2.16.840.1.113883.5.111
3-S	HOSP	Hospital	2.16.840.1.113883.5.111
4-L	CHR	Chronic Care Facility Hospitals; Chronic Disease Hospital	2.16.840.1.113883.5.111
4-L	GACH	Hospitals; General Acute Care Hospital General acute care hospital	2.16.840.1.113883.5.111
4-L	MHSP	Military Hospital MilitaryHospital	2.16.840.1.113883.5.111
4-L	PSYCHF	Psychiatric Care Facility	2.16.840.1.113883.5.111
4-S	RH	Rehabilitation hospital Hospitals; Rehabilitation Hospital	2.16.840.1.113883.5.111
5-L	RHAT	addiction treatment center	2.16.840.1.113883.5.111
5-L	RHII	intellectual impairment center	2.16.840.1.113883.5.111
5-L	RHMAD	parents with adjustment difficulties center	2.16.840.1.113883.5.111

5-S	RHPI	physical impairment center	2.16.840.1.113883.5.111
6-L	RHPIH	physical impairment - hearing center	2.16.840.1.113883.5.111
6-L	RHPIMS	physical impairment - motor skills center	2.16.840.1.113883.5.111
6-L	RHPIVS	physical impairment - visual skills center	2.16.840.1.113883.5.111
5-L	RHYAD	youths with adjustment difficulties center	2.16.840.1.113883.5.111
3-S	HU	Hospital unit	2.16.840.1.113883.5.111
4-L	BMTU	Bone marrow transplant unit	2.16.840.1.113883.5.111
4-L	CCU	Coronary care unit	2.16.840.1.113883.5.111
4-L	CHEST	Chest unit	2.16.840.1.113883.5.111
4-L	EPIL	Epilepsy unit	2.16.840.1.113883.5.111
4-S	ER	Emergency room	2.16.840.1.113883.5.111
5-L	ETU	Emergency trauma unit	2.16.840.1.113883.5.111
4-L	HD	Hemodialysis unit	2.16.840.1.113883.5.111
4-S	HLAB	hospital laboratory	2.16.840.1.113883.5.111
5-L	INLAB	inpatient laboratory	2.16.840.1.113883.5.111
5-L	OUTLAB	outpatient laboratory	2.16.840.1.113883.5.111
4-L	HRAD	radiology unit	2.16.840.1.113883.5.111
4-L	HUSCS	specimen collection site	2.16.840.1.113883.5.111
4-S	ICU	Intensive care unit	2.16.840.1.113883.5.111
5-S	PEDICU	Pediatric intensive care unit	2.16.840.1.113883.5.111
6-L	PEDNICU	Pediatric neonatal intensive care unit	2.16.840.1.113883.5.111
4-L	INPHARM	inpatient pharmacy	2.16.840.1.113883.5.111

4-L	MBL	medical laboratory	2.16.840.1.113883.5.111
4-L	NCCS	Neurology critical care and stroke unit	2.16.840.1.113883.5.111
4-L	NS	Neurosurgery unit	2.16.840.1.113883.5.111
4-L	OUTPHARM	outpatient pharmacy	2.16.840.1.113883.5.111
4-S	PEDU	Pediatric unit	2.16.840.1.113883.5.111
5-S	PEDICU	Pediatric intensive care unit	2.16.840.1.113883.5.111
6-L	PEDNICU	Pediatric neonatal intensive care unit	2.16.840.1.113883.5.111
4-L	PHU	Psychiatric hospital unit Hospital Units; Psychiatric Unit	2.16.840.1.113883.5.111
4-L	RHU	Rehabilitation hospital unit Hospital Units; Rehabilitation Unit	2.16.840.1.113883.5.111
4-L	SLEEP	Sleep disorders unit	2.16.840.1.113883.5.111
3-S	NCCF	Nursing or custodial care facility	2.16.840.1.113883.5.111
4-L	SNF	Skilled nursing facility Nursing & Custodial Care Facilities; Skilled Nursing Facility	2.16.840.1.113883.5.111
3-S	OF	Outpatient facility	2.16.840.1.113883.5.111
4-L	ALL	Allergy clinic	2.16.840.1.113883.5.111
4-L	AMPUT	Amputee clinic	2.16.840.1.113883.5.111
4-L	BMTC	Bone marrow transplant clinic	2.16.840.1.113883.5.111
4-L	BREAST	Breast clinic	2.16.840.1.113883.5.111
4-L	CANC	Child and adolescent neurology clinic	2.16.840.1.113883.5.111
4-L	CAPC	Child and adolescent psychiatry clinic	2.16.840.1.113883.5.111
4-S	CARD	Ambulatory Health Care Facilities; Clinic/Center; Rehabilitation: Cardiac Facilities Cardiology clinic	2.16.840.1.113883.5.111
5-L	PEDCARD	Pediatric cardiology clinic	2.16.840.1.113883.5.111

4-L	COAG	Coagulation clinic	2.16.840.1.113883.5.111
4-L	CRS	Colon and rectal surgery clinic	2.16.840.1.113883.5.111
4-L	DERM	Dermatology clinic	2.16.840.1.113883.5.111
4-S	ENDO	Endocrinology clinic	2.16.840.1.113883.5.111
5-L	PEDE	Pediatric endocrinology clinic	2.16.840.1.113883.5.111
4-L	ENT	Otorhinolaryngology clinic	2.16.840.1.113883.5.111
4-L	FMC	Family medicine clinic	2.16.840.1.113883.5.111
4-S	GI	Gastroenterology clinic	2.16.840.1.113883.5.111
5-L	PEDGI	Pediatric gastroenterology clinic	2.16.840.1.113883.5.111
4-L	GIM	General internal medicine clinic	2.16.840.1.113883.5.111
4-L	GYN	Gynecology clinic	2.16.840.1.113883.5.111
4-S	HEM	Hematology clinic	2.16.840.1.113883.5.111
5-L	PEDHEM	Pediatric hematology clinic	2.16.840.1.113883.5.111
4-L	HTN	Hypertension clinic	2.16.840.1.113883.5.111
4-L	IEC	Impairment evaluation center	2.16.840.1.113883.5.111
4-S	INFD	Infectious disease clinic	2.16.840.1.113883.5.111
5-L	PEDID	Pediatric infectious disease clinic	2.16.840.1.113883.5.111
4-L	INV	Infertility clinic	2.16.840.1.113883.5.111
4-L	LYMPH	Lymphedema clinic	2.16.840.1.113883.5.111
4-L	MGEN	Medical genetics clinic	2.16.840.1.113883.5.111
4-S	NEPH	Nephrology clinic	2.16.840.1.113883.5.111
5-L	PEDNEPH	Pediatric nephrology clinic	2.16.840.1.113883.5.111





4-L	NEUR	Neurology clinic	2.16.840.1.113883.5.111
4-L	OB	Obstetrics clinic	2.16.840.1.113883.5.111
4-L	OMS	Oral and maxillofacial surgery clinic Ambulatory Health Care Facilities; Clinic/Center; Surgery, Oral/Maxillofacial	2.16.840.1.113883.5.111
4-S	ONCL	Medical oncology clinic	2.16.840.1.113883.5.111
5-L	PEDHO	Pediatric oncology clinic	2.16.840.1.113883.5.111
4-L	OPH	Ophthalmology clinic	2.16.840.1.113883.5.111
4-L	OPTC	optometry clinic	2.16.840.1.113883.5.111
4-S	ORTHO	Orthopedics clinic	2.16.840.1.113883.5.111
5-L	HAND	Hand clinic	2.16.840.1.113883.5.111
4-L	PAINCL	Pain clinic Ambulatory Health Care Facilities; Clinic/Center; Pain	2.16.840.1.113883.5.111
4-L	PC	Primary care clinic Ambulatory Health Care Facilities; Clinic/Center; Primary Care	2.16.840.1.113883.5.111
4-S	PEDC	Pediatrics clinic	2.16.840.1.113883.5.111
5-L	PEDCARD	Pediatric cardiology clinic	2.16.840.1.113883.5.111
5-L	PEDE	Pediatric endocrinology clinic	2.16.840.1.113883.5.111
5-L	PEDGI	Pediatric gastroenterology clinic	2.16.840.1.113883.5.111
5-L	PEDHEM	Pediatric hematology clinic	2.16.840.1.113883.5.111
5-L	PEDID	Pediatric infectious disease clinic	2.16.840.1.113883.5.111
5-L	PEDNEPH	Pediatric nephrology clinic	2.16.840.1.113883.5.111
5-L	PEDHO	Pediatric oncology clinic	2.16.840.1.113883.5.111
5-L	PEDRHEUM	Pediatric rheumatology clinic	2.16.840.1.113883.5.111
4-L	POD	Podiatry clinic Ambulatory Health Care Facilities; Clinic/Center; Podiatric	2.16.840.1.113883.5.111

4-L	PREV	Preventive medicine clinic	2.16.840.1.113883.5.111
4-L	PROCTO	Proctology clinic	2.16.840.1.113883.5.111
4-L	PROFF	Provider's Office	2.16.840.1.113883.5.111
4-L	PROS	Prosthodontics clinic	2.16.840.1.113883.5.111
4-L	PSI	Psychology clinic	2.16.840.1.113883.5.111
4-L	PSY	Psychiatry clinic	2.16.840.1.113883.5.111
4-S	RHEUM	Rheumatology clinic	2.16.840.1.113883.5.111
5-L	PEDRHEUM	Pediatric rheumatology clinic	2.16.840.1.113883.5.111
4-L	SPMED	Sports medicine clinic	2.16.840.1.113883.5.111
4-S	SU	Surgery clinic	2.16.840.1.113883.5.111
5-L	PLS	Plastic surgery clinic	2.16.840.1.113883.5.111
5-L	URO	Urology clinic	2.16.840.1.113883.5.111
4-L	TR	Transplant clinic	2.16.840.1.113883.5.111
4-L	TRAVEL	Travel and geographic medicine clinic	2.16.840.1.113883.5.111
4-L	WND	Wound clinic	2.16.840.1.113883.5.111
3-S	RTF	Residential treatment facility	2.16.840.1.113883.5.111
4-L	PRC	Pain rehabilitation center	2.16.840.1.113883.5.111
4-L	SURF	Substance use rehabilitation facility Residential Treatment Facilities; Substance Use Rehabilitation Facility	2.16.840.1.113883.5.111
2-A	_DedicatedNonClinicalLocationRoleType	DedicatedNonClinicalLocationRoleType	2.16.840.1.113883.5.111
3-L	DADDR	Delivery Address	2.16.840.1.113883.5.111
3-S	MOBL	Mobile Unit	2.16.840.1.113883.5.111

4-L	AMB	Ambulance	2.16.840.1.113883.5.111
3-S	PHARM	Pharmacy	2.16.840.1.113883.5.111
4-L	INPHARM	inpatient pharmacy	2.16.840.1.113883.5.111
4-L	OUTPHARM	outpatient pharmacy	2.16.840.1.113883.5.111
1-A	_IncidentalServiceDeliveryLocationRoleType	IncidentalServiceDeliveryLocationRoleType	2.16.840.1.113883.5.111
2-L	ACC	accident site	2.16.840.1.113883.5.111
2-S	COMM	Community Location	2.16.840.1.113883.5.111
3-L	CSC	community service center	2.16.840.1.113883.5.111
2-L	PTRES	Patient's Residence	2.16.840.1.113883.5.111
2-L	SCHOOL	school	2.16.840.1.113883.5.111
2-L	UPC	underage protection center	2.16.840.1.113883.5.111
2-L	WORK	work site	2.16.840.1.113883.5.111

Legenda: Type L=leaf, S=specializable, A=abstract, D=deprecated. NullFlavors to appear in @nullFlavor attribute instead of @code.

6.1.59 TargetAwareness 2.16.840.1.113883.1.11.10310 - 2014-03-26 (DEFN=UV=VO=1360-20160323) (from repository: ad2bbr-)

Id	2.16.840.1.113883.1.11.10310  ad2bbr-	Effective Date	2014-03-26 Other versions this id: <ul style="list-style-type: none">  TargetAwarenessDEFN=UV=VO=1099-20110726 - as of 2011-07-26  ad2bbr-
Status	 Final	Version Label	DEFN=UV=VO=1360-20160323
Name	TargetAwareness	Display Name	TargetAwareness
Description	History description 2014-03-26: Lock all vaue sets untouched since 2014-03-26 to trackingId 2014T1_2014_03_26		

description:	<p>A code specifying the extent to which the Entity playing the participating Role (usually as a target Participation) is aware of the associated Act.</p> <p><i>Examples:</i> For diagnostic observations, is the patient, family member or other participant aware of his terminal illness?</p> <p><i>Discussion:</i> If the awareness, denial, unconsciousness, etc. is the subject of medical considerations (e.g., part of the problem list), one should use explicit observations in these matters as well, and should not solely rely on this simple attribute in the Participation.</p>		
Source Code System	2.16.840.1.113883.5.137		
Level/ Type	Code	Display Name	Code System
0-L	D	denying	2.16.840.1.113883.5.137
0-L	F	full awareness	2.16.840.1.113883.5.137
0-L	I	incapable	2.16.840.1.113883.5.137
0-L	M	marginal	2.16.840.1.113883.5.137
0-L	P	partial	2.16.840.1.113883.5.137
0-L	U	uninformed	2.16.840.1.113883.5.137

Legenda: Type L=leaf, S=specializable, A=abstract, D=deprecated. NullFlavors to appear in @nullFlavor attribute instead of @code.

6.1.60 ○ TargetAwareness 2.16.840.1.113883.1.11.10310 - 2011-07-26 (DEFN=UV=VO=1099-20110726) ref (from repository: ad2bbr-)

Id	2.16.840.1.113883.1.11.10310 ref ad2bbr-	Effective Date	2011-07-26 Other versions this id: <ul style="list-style-type: none"> ● TargetAwarenessDEFN=UV=VO=1360-20160323 - as of 2014-03-26 ref ad2bbr-
Status	● Final	Version Label	DEFN=UV=VO=1099-20110726
Name	TargetAwareness	Display Name	TargetAwareness
Description	description:		

A code specifying the extent to which the Entity playing the participating Role (usually as a target Participation) is aware of the associated Act.

Examples: For diagnostic observations, is the patient, family member or other participant aware of his terminal illness?

Discussion: If the awareness, denial, unconsciousness, etc. is the subject of medical considerations (e.g., part of the problem list), one should use explicit observations in these matters as well, and should not solely rely on this simple attribute in the Participation.

Source Code System

2.16.840.1.113883.5.137

Level/ Type	Code	Display Name	Code System
0-L	D	denying	2.16.840.1.113883.5.137
0-L	F	full awareness	2.16.840.1.113883.5.137
0-L	I	incapable	2.16.840.1.113883.5.137
0-L	M	marginal	2.16.840.1.113883.5.137
0-L	P	partial	2.16.840.1.113883.5.137
0-L	U	uninformed	2.16.840.1.113883.5.137

Legenda: Type L=leaf, S=specializable, A=abstract, D=deprecated. NullFlavors to appear in @nullFlavor attribute instead of @code.

6.1.61 ○ URLScheme 2.16.840.1.113883.1.11.14866 - 2014-03-26 (DEFN=UV=VO=1360-20160323)
ref (from repository: ad2bbr-)

Id	2.16.840.1.113883.1.11.14866 ref ad2bbr-	Effective Date	2014-03-26 Other versions this id: <ul style="list-style-type: none"> ● URLSchemeDEFN=UV=VO=1099-20110726 - as of 2011-07-26 ref ad2bbr-
Status	● Final	Version Label	DEFN=UV=VO=1360-20160323
Name	URLScheme	Display Name	URLScheme
Description	History description 2014-03-26: Lock all vaue sets untouched since 2014-03-26 to trackingId 2014T1_2014_03_26		

description:			
A Universal Resource Locator (URL) is a type of telecommunications address specified as Internet standard RFC 1738 [http://www.ietf.org/rfc/rfc1738.txt]. The URL specifies the protocol and the contact point defined by that protocol for the resource.			
Source Code System	2.16.840.1.113883.5.143		
Level/ Type	Code	Display Name	Code System
0-L	cid	Content ID	2.16.840.1.113883.5.143
0-L	file	File	2.16.840.1.113883.5.143
0-L	ftp	FTP	2.16.840.1.113883.5.143
0-L	hl7-att	HL7 Attachment	2.16.840.1.113883.5.143
0-L	http	HTTP	2.16.840.1.113883.5.143
0-L	mailto	Mailto	2.16.840.1.113883.5.143
0-L	mllp	MLLP	2.16.840.1.113883.5.143
0-L	nfs	NFS	2.16.840.1.113883.5.143
0-L	tel	Telephone	2.16.840.1.113883.5.143
0-L	telnet	Telnet	2.16.840.1.113883.5.143

Legenda: Type L=leaf, S=specializable, A=abstract, D=deprecated. NullFlavors to appear in @nullFlavor attribute instead of @code.


6.1.62 **URLScheme 2.16.840.1.113883.1.11.14866 - 2011-07-26 (DEFN=UV=VO=1099-20110726)** ref (from repository: ad2bbr-)

Id	2.16.840.1.113883.1.11.14866 ref ad2bbr-	Effective Date	2011-07-26 Other versions this id: <ul style="list-style-type: none">  URLSchemeDEFN=UV=VO=1360-20160323 - as of 2014-03-26 ref ad2bbr-
Status	 Final	Version Label	DEFN=UV=VO=1099-20110726

Name	URLScheme	Display Name	URLScheme
Description	description: A Universal Resource Locator (URL) is a type of telecommunications address specified as Internet standard RFC 1738 [http://www.ietf.org/rfc/rfc1738.txt]. The URL specifies the protocol and the contact point defined by that protocol for the resource.		
2 Source Code Systems	2.16.840.1.113883.5.143		
	2.16.840.1.113883.5.1060		
Level/ Type	Code	Display Name	Code System
0-L	cid	Content ID	2.16.840.1.113883.5.143
0-L	file	File	2.16.840.1.113883.5.143
0-L	ftp	FTP	2.16.840.1.113883.5.143
0-L	hl7-att	HL7 Attachment	2.16.840.1.113883.5.143
0-L	http	HTTP	2.16.840.1.113883.5.143
0-L	mailto	Mailto	2.16.840.1.113883.5.143
0-L	mllp	MLLP	2.16.840.1.113883.5.143
0-L	nfs	NFS	2.16.840.1.113883.5.143
0-L	tel	Telephone	2.16.840.1.113883.5.143
0-L	telnet	Telnet	2.16.840.1.113883.5.143
0-L	cid	cid	2.16.840.1.113883.5.1060
0-L	hl7-att	HL7 Attachment	2.16.840.1.113883.5.143
0-L	mailto	Mailto	2.16.840.1.113883.5.143
0-L	tel	Telephone	2.16.840.1.113883.5.143
0-L	tel	Telephone	2.16.840.1.113883.5.143

Legenda: Type L=leaf, S=specializable, A=abstract, D=deprecated. NullFlavors to appear in @nullFlavor attribute instead of @code.

6.1.63 ActStatusActiveAbortedCancelledCompleted 2.16.840.1.113883.3.1937.777.11.11.3 - 2017-05-17 14:30:42

Id	2.16.840.1.113883.3.1937.777.11.11.3	Effective Date	2017-05-17 14:30:42
Status	 Draft	Version Label	
Name	eHDSIActStatusActiveAbortedCancelledCompleted	Display Name	ActStatusActiveAbortedCancelledCompleted
Description	<p>History description 2014-03-26: Lock all vaue sets untouched since 2014-03-26 to trackingId 2014T1_2014_03_26</p> <p>description:</p> <p>Description: The status of an assessment for indications of an abnormal condition.</p>		
Source Code System	2.16.840.1.113883.5.14		
Level/ Type	Code	Display Name	Code System
0-L	aborted	aborted	2.16.840.1.113883.5.14
0-L	completed	completed	2.16.840.1.113883.5.14
0-L	active	active	2.16.840.1.113883.5.14
0-L	cancelled	cancelled	2.16.840.1.113883.5.14

Legenda: Type L=leaf, S=specializable, A=abstract, D=deprecated. NullFlavors to appear in @nullFlavor attribute instead of @code.

6.1.64 ActStatusActiveAbortedSuspendedCompleted 2.16.840.1.113883.3.1937.777.11.11.2 - 2017-05-17 14:07:12

Id	2.16.840.1.113883.3.1937.777.11.11.2	Effective Date	2017-05-17 14:07:12
Status	 Draft	Version Label	
Name	eHDSIActStatusActiveAbortedSuspendedCompleted	Display Name	ActStatusActiveAbortedSuspendedCompleted

Description	History description 2014-03-26: Lock all vaue sets untouched since 2014-03-26 to trackingId 2014T1_2014_03_26 description: Description: The status of an assessment for indications of an abnormal condition.		
Source Code System	2.16.840.1.113883.5.14		
Level/ Type	Code	Display Name	Code System
0-L	aborted	aborted	2.16.840.1.113883.5.14
0-L	completed	completed	2.16.840.1.113883.5.14
0-L	active	active	2.16.840.1.113883.5.14
0-L	suspended	suspended	2.16.840.1.113883.5.14

Legenda: Type L=leaf, S=specializable, A=abstract, D=deprecated. NullFlavors to appear in @nullFlavor attribute instead of @code.

6.1.65 ○ epSOSActiveIngredient 1.3.6.1.4.1.12559.11.10.1.3.1.42.24 - 2013-06-03 (January 2010)

Id	1.3.6.1.4.1.12559.11.10.1.3.1.42.24	Effective Date	2013-06-03 Other versions this id: <ul style="list-style-type: none"> ● epSOSActiveIngredient201711 - as of 2017-11-07 14:06:21
Status	● Draft	Version Label	January 2010
Name	epSOSActiveIngredient	Display Name	epSOSActiveIngredient
Description	The Value Set is used as a mandatory code for the Active Ingredient of medications in the Medications Summary as well as the prescription Sections. Also used to code allergy agents in the Allergies and Other Adverse Reactions Section of the patient Summary.		
Source Code System	2.16.840.1.113883.6.73 - WHO ATC		
Level/ Type	Code	Display Name	Code System
0-L	A	ALIMENTARY TRACT AND METABOLISM	WHO ATC

0-L	A01	STOMATOLOGICAL PREPARATIONS	WHO ATC
0-L	A01A	STOMATOLOGICAL PREPARATIONS	WHO ATC
0-L	A01AA	Caries prophylactic agents	WHO ATC
0-L	A01AA01	sodium fluoride	WHO ATC
0-L	A01AA02	sodium monofluorophosphate	WHO ATC
0-L	A01AA03	olafur	WHO ATC
0-L	A01AA04	stannous fluoride	WHO ATC
0-L	A01AA30	combinations	WHO ATC
0-L	A01AA51	sodium fluoride, combinations	WHO ATC
0-L	A01AB	Antiinfectives and antiseptics for local oral treatment	WHO ATC
0-L	A01AB02	hydrogen peroxide	WHO ATC
0-L	A01AB03	chlorhexidine	WHO ATC
0-L	A01AB04	amphotericin B	WHO ATC
0-L	A01AB05	polynoxylin	WHO ATC
0-L	A01AB06	domiphen	WHO ATC
0-L	A01AB07	oxyquinoline	WHO ATC
0-L	A01AB08	neomycin	WHO ATC
0-L	A01AB09	miconazole	WHO ATC
0-L	A01AB10	natamycin	WHO ATC
0-L	A01AB11	various	WHO ATC
0-L	A01AB12	hexetidine	WHO ATC
0-L	A01AB13	tetracycline	WHO ATC

0-L	A01AB14	benzoxonium chloride	WHO ATC
0-L	A01AB15	tibezonium iodide	WHO ATC
0-L	A01AB16	mepartricin	WHO ATC
0-L	A01AB17	metronidazole	WHO ATC
0-L	A01AB18	clotrimazole	WHO ATC
0-L	A01AB19	sodium perborate	WHO ATC
0-L	A01AB21	chlortetracycline	WHO ATC
0-L	A01AB22	doxycycline	WHO ATC
0-L	A01AB23	minocycline	WHO ATC
0-L	A01AC	Corticosteroids for local oral treatment	WHO ATC
0-L	A01AC01	triamcinolone	WHO ATC
0-L	A01AC02	dexamethasone	WHO ATC
0-L	A01AC03	hydrocortisone	WHO ATC
0-L	A01AC54	prednisolone, combinations	WHO ATC
0-L	A01AD	Other agents for local oral treatment	WHO ATC
0-L	A01AD01	epinephrine	WHO ATC
0-L	A01AD02	benzylamine	WHO ATC
0-L	A01AD05	acetylsalicylic acid	WHO ATC
0-L	A01AD06	adrenalone	WHO ATC
0-L	A01AD07	amlexanox	WHO ATC
0-L	A01AD08	becaplermin	WHO ATC
0-L	A01AD11	various	WHO ATC

0-L	A02	DRUGS FOR ACID RELATED DISORDERS	WHO ATC
0-L	A02A	ANTACIDS	WHO ATC
0-L	A02AA	Magnesium compounds	WHO ATC
0-L	A02AA01	magnesium carbonate	WHO ATC
0-L	A02AA02	magnesium oxide	WHO ATC
0-L	A02AA03	magnesium peroxide	WHO ATC
0-L	A02AA04	magnesium hydroxide	WHO ATC
0-L	A02AA05	magnesium silicate	WHO ATC
0-L	A02AA10	combinations	WHO ATC
0-L	A02AB	Aluminium compounds	WHO ATC
0-L	A02AB01	aluminium hydroxide	WHO ATC
0-L	A02AB02	algedrate	WHO ATC
0-L	A02AB03	aluminium phosphate	WHO ATC
0-L	A02AB04	dihydroxialumini sodium carbonate	WHO ATC
0-L	A02AB05	aluminium acetoacetate	WHO ATC
0-L	A02AB06	aloglutamol	WHO ATC
0-L	A02AB07	aluminium glycinate	WHO ATC
0-L	A02AB10	combinations	WHO ATC
0-L	A02AC	Calcium compounds	WHO ATC
0-L	A02AC01	calcium carbonate	WHO ATC
0-L	A02AC02	calcium silicate	WHO ATC
0-L	A02AC10	combinations	WHO ATC

0-L	A02AD	Combinations and complexes of aluminium, calcium and magnesium compounds	WHO ATC
0-L	A02AD01	ordinary salt combinations	WHO ATC
0-L	A02AD02	magaldrate	WHO ATC
0-L	A02AD03	almagate	WHO ATC
0-L	A02AD04	hydrotalcite	WHO ATC
0-L	A02AD05	almasilate	WHO ATC
0-L	A02AF	Antacids with antifatulents	WHO ATC
0-L	A02AF01	magaldrate and antifatulents	WHO ATC
0-L	A02AF02	ordinary salt combinations and antifatulents	WHO ATC
0-L	A02AG	Antacids with antispasmodics	WHO ATC
0-L	A02AH	Antacids with sodium bicarbonate	WHO ATC
0-L	A02AX	Antacids, other combinations	WHO ATC
0-L	A02B	DRUGS FOR PEPTIC ULCER AND GASTRO-OESOPHAGEAL REFLUX DISEASE (GORD)	WHO ATC
0-L	A02BA	H2-receptor antagonists	WHO ATC
0-L	A02BA01	cimetidine	WHO ATC
0-L	A02BA02	ranitidine	WHO ATC
0-L	A02BA03	famotidine	WHO ATC
0-L	A02BA04	nizatidine	WHO ATC
0-L	A02BA05	niperotidine	WHO ATC
0-L	A02BA06	roxatidine	WHO ATC
0-L	A02BA07	ranitidine bismuth citrate	WHO ATC
0-L	A02BA08	lafutidine	WHO ATC

0-L	A02BA51	cimetidine, combinations	WHO ATC
0-L	A02BA53	famotidine, combinations	WHO ATC
0-L	A02BB	Prostaglandins	WHO ATC
0-L	A02BB01	misoprostol	WHO ATC
0-L	A02BB02	enprostil	WHO ATC
0-L	A02BC	Proton pump inhibitors	WHO ATC
0-L	A02BC01	omeprazole	WHO ATC
0-L	A02BC02	pantoprazole	WHO ATC
0-L	A02BC03	lansoprazole	WHO ATC
0-L	A02BC04	rabeprazole	WHO ATC
0-L	A02BC05	esomeprazole	WHO ATC
0-L	A02BD	Combinations for eradication of <i>Helicobacter pylori</i>	WHO ATC
0-L	A02BD01	omeprazole, amoxicillin and metronidazole	WHO ATC
0-L	A02BD02	lansoprazole, tetracycline and metronidazole	WHO ATC
0-L	A02BD03	lansoprazole, amoxicillin and metronidazole	WHO ATC
0-L	A02BD04	pantoprazole, amoxicillin and clarithromycin	WHO ATC
0-L	A02BD05	omeprazole, amoxicillin and clarithromycin	WHO ATC
0-L	A02BD06	esomeprazole, amoxicillin and clarithromycin	WHO ATC
0-L	A02BD07	lansoprazole, amoxicillin and clarithromycin	WHO ATC
0-L	A02BX	Other drugs for peptic ulcer and gastro-oesophageal reflux disease (GORD)	WHO ATC
0-L	A02BX01	carbenoxolone	WHO ATC
0-L	A02BX02	sucralfate	WHO ATC

0-L	A02BX03	pirenzepine	WHO ATC
0-L	A02BX04	methiosulfonium chloride	WHO ATC
0-L	A02BX05	bismuth subcitrate	WHO ATC
0-L	A02BX06	proglumide	WHO ATC
0-L	A02BX07	gefarnate	WHO ATC
0-L	A02BX08	sulglucotide	WHO ATC
0-L	A02BX09	acetoxolone	WHO ATC
0-L	A02BX10	zolimidine	WHO ATC
0-L	A02BX11	troxipide	WHO ATC
0-L	A02BX12	bismuth subnitrate	WHO ATC
0-L	A02BX13	alginic acid	WHO ATC
0-L	A02BX51	carbenoxolone, combinations excl. psycholeptics	WHO ATC
0-L	A02BX71	carbenoxolone, combinations with psycholeptics	WHO ATC
0-L	A02BX77	gefarnate, combinations with psycholeptics	WHO ATC
0-L	A02X	OTHER DRUGS FOR ACID RELATED DISORDERS	WHO ATC
0-L	A03	DRUGS FOR FUNCTIONAL GASTROINTESTINAL DISORDERS	WHO ATC
0-L	A03A	DRUGS FOR FUNCTIONAL BOWEL DISORDERS	WHO ATC
0-L	A03AA	Synthetic anticholinergics, esters with tertiary amino group	WHO ATC
0-L	A03AA01	oxyphenyclimine	WHO ATC
0-L	A03AA03	camylofin	WHO ATC
0-L	A03AA04	mebeverine	WHO ATC
0-L	A03AA05	trimebutine	WHO ATC

0-L	A03AA06	rociverine	WHO ATC
0-L	A03AA07	dicycloverine	WHO ATC
0-L	A03AA08	dihexyverine	WHO ATC
0-L	A03AA09	difemerine	WHO ATC
0-L	A03AA30	piperidolate	WHO ATC
0-L	A03AB	Synthetic anticholinergics, quaternary ammonium compounds	WHO ATC
0-L	A03AB01	benzilone	WHO ATC
0-L	A03AB02	glycopyrronium	WHO ATC
0-L	A03AB03	oxyphenonium	WHO ATC
0-L	A03AB04	penthienate	WHO ATC
0-L	A03AB05	propantheline	WHO ATC
0-L	A03AB06	otilonium bromide	WHO ATC
0-L	A03AB07	methantheline	WHO ATC
0-L	A03AB08	tridihexethyl	WHO ATC
0-L	A03AB09	isopropamide	WHO ATC
0-L	A03AB10	hexocyclium	WHO ATC
0-L	A03AB11	poldine	WHO ATC
0-L	A03AB12	mepenzolate	WHO ATC
0-L	A03AB13	bevonium	WHO ATC
0-L	A03AB14	pipenzolate	WHO ATC
0-L	A03AB15	diphemanil	WHO ATC
0-L	A03AB16	(2-benzhydryloxyethyl)diethyl-methylammonium iodide	WHO ATC

0-L	A03AB17	tiemonium iodide	WHO ATC
0-L	A03AB18	prifinium bromide	WHO ATC
0-L	A03AB19	timepidium bromide	WHO ATC
0-L	A03AB21	fenpiverinium	WHO ATC
0-L	A03AB53	oxyphenonium, combinations	WHO ATC
0-L	A03AC	Synthetic antispasmodics, amides with tertiary amines	WHO ATC
0-L	A03AC02	dimethylaminopropionylphenothiazine	WHO ATC
0-L	A03AC04	nicofetamide	WHO ATC
0-L	A03AC05	tiropramide	WHO ATC
0-L	A03AD	Papaverine and derivatives	WHO ATC
0-L	A03AD01	papaverine	WHO ATC
0-L	A03AD02	drotaverine	WHO ATC
0-L	A03AD30	moxaverine	WHO ATC
0-L	A03AE	Drugs acting on serotonin receptors	WHO ATC
0-L	A03AE01	alosetron	WHO ATC
0-L	A03AE02	tegaserod	WHO ATC
0-L	A03AE03	cilansetron	WHO ATC
0-L	A03AE04	prucalopride	WHO ATC
0-L	A03AX	Other drugs for functional bowel disorders	WHO ATC
0-L	A03AX01	fenpiprane	WHO ATC
0-L	A03AX02	diisopromine	WHO ATC
0-L	A03AX03	chlorbenzoxamine	WHO ATC

0-L	A03AX04	pinaverium	WHO ATC
0-L	A03AX05	fenoverine	WHO ATC
0-L	A03AX06	idanpramine	WHO ATC
0-L	A03AX07	proxazole	WHO ATC
0-L	A03AX08	alverine	WHO ATC
0-L	A03AX09	trepibutone	WHO ATC
0-L	A03AX10	isometheptene	WHO ATC
0-L	A03AX11	caroverine	WHO ATC
0-L	A03AX12	phloroglucinol	WHO ATC
0-L	A03AX13	silicones	WHO ATC
0-L	A03AX30	trimethyldiphenylpropylamine	WHO ATC
0-L	A03AX58	alverine, combinations	WHO ATC
0-L	A03B	BELLADONNA AND DERIVATIVES, PLAIN	WHO ATC
0-L	A03BA	Belladonna alkaloids, tertiary amines	WHO ATC
0-L	A03BA01	atropine	WHO ATC
0-L	A03BA03	hyoscyamine	WHO ATC
0-L	A03BA04	belladonna total alkaloids	WHO ATC
0-L	A03BB	Belladonna alkaloids, semisynthetic, quaternary ammonium compounds	WHO ATC
0-L	A03BB01	butylscopolamine	WHO ATC
0-L	A03BB02	methylatropine	WHO ATC
0-L	A03BB03	methylscopolamine	WHO ATC
0-L	A03BB04	fentonium	WHO ATC

0-L	A03BB05	cimetropium bromide	WHO ATC
0-L	A03C	ANTISPASMODICS IN COMBINATION WITH PSYCHOLEPTICS	WHO ATC
0-L	A03CA	Synthetic anticholinergic agents in combination with psycholeptics	WHO ATC
0-L	A03CA01	isopropamide and psycholeptics	WHO ATC
0-L	A03CA02	clidinium and psycholeptics	WHO ATC
0-L	A03CA03	oxyphencyclimine and psycholeptics	WHO ATC
0-L	A03CA04	otilonium bromide and psycholeptics	WHO ATC
0-L	A03CA05	glycopyrronium and psycholeptics	WHO ATC
0-L	A03CA06	bevonium and psycholeptics	WHO ATC
0-L	A03CA07	ambutonium and psycholeptics	WHO ATC
0-L	A03CA08	diphemanil and psycholeptics	WHO ATC
0-L	A03CA30	emepronium and psycholeptics	WHO ATC
0-L	A03CA34	propantheline and psycholeptics	WHO ATC
0-L	A03CB	Belladonna and derivatives in combination with psycholeptics	WHO ATC
0-L	A03CB01	methyloscopolamine and psycholeptics	WHO ATC
0-L	A03CB02	belladonna total alkaloids and psycholeptics	WHO ATC
0-L	A03CB03	atropine and psycholeptics	WHO ATC
0-L	A03CB04	methylhomatropine and psycholeptics	WHO ATC
0-L	A03CB31	hyoscyamine and psycholeptics	WHO ATC
0-L	A03CC	Other antispasmodics in combination with psycholeptics	WHO ATC
0-L	A03D	ANTISPASMODICS IN COMBINATION WITH ANALGESICS	WHO ATC
0-L	A03DA	Synthetic anticholinergic agents in combination with analgesics	WHO ATC

0-L	A03DA01	tropenzilone and analgesics	WHO ATC
0-L	A03DA02	pitofenone and analgesics	WHO ATC
0-L	A03DA03	bevonium and analgesics	WHO ATC
0-L	A03DA04	ciclonium and analgesics	WHO ATC
0-L	A03DA05	camylofin and analgesics	WHO ATC
0-L	A03DA06	trospium and analgesics	WHO ATC
0-L	A03DA07	tiemonium iodide and analgesics	WHO ATC
0-L	A03DB	Belladonna and derivatives in combination with analgesics	WHO ATC
0-L	A03DB04	butylscopolamine and analgesics	WHO ATC
0-L	A03DC	Other antispasmodics in combination with analgesics	WHO ATC
0-L	A03E	ANTISPASMODICS AND ANTICHOLINERGICS IN COMBINATION WITH OTHER DRUGS	WHO ATC
0-L	A03EA	Antispasmodics, psycholeptics and analgesics in combination	WHO ATC
0-L	A03ED	Antispasmodics in combination with other drugs	WHO ATC
0-L	A03F	PROPULSIVES	WHO ATC
0-L	A03FA	Propulsives	WHO ATC
0-L	A03FA01	metoclopramide	WHO ATC
0-L	A03FA02	cisapride	WHO ATC
0-L	A03FA03	domperidone	WHO ATC
0-L	A03FA04	bromopride	WHO ATC
0-L	A03FA05	alizapride	WHO ATC
0-L	A03FA06	clebopride	WHO ATC
0-L	A04	ANTIEMETICS AND ANTINAUSEANTS	WHO ATC

0-L	A04A	ANTIEMETICS AND ANTINAUSEANTS	WHO ATC
0-L	A04AA	Serotonin (5HT3) antagonists	WHO ATC
0-L	A04AA01	ondansetron	WHO ATC
0-L	A04AA02	granisetron	WHO ATC
0-L	A04AA03	tropisetron	WHO ATC
0-L	A04AA04	dolasetron	WHO ATC
0-L	A04AA05	palonosetron	WHO ATC
0-L	A04AD	Other antiemetics	WHO ATC
0-L	A04AD01	scopolamine	WHO ATC
0-L	A04AD02	cerium oxalate	WHO ATC
0-L	A04AD04	chlorobutanol	WHO ATC
0-L	A04AD05	metopimazine	WHO ATC
0-L	A04AD10	dronabinol	WHO ATC
0-L	A04AD11	nabilone	WHO ATC
0-L	A04AD12	aprepitant	WHO ATC
0-L	A04AD13	casopitant	WHO ATC
0-L	A04AD51	scopolamine, combinations	WHO ATC
0-L	A04AD54	chlorobutanol, combinations	WHO ATC
0-L	A05	BILE AND LIVER THERAPY	WHO ATC
0-L	A05A	BILE THERAPY	WHO ATC
0-L	A05AA	Bile acid preparations	WHO ATC
0-L	A05AA01	chenodeoxycholic acid	WHO ATC

0-L	A05AA02	ursodeoxycholic acid	WHO ATC
0-L	A05AA03	cholic acid	WHO ATC
0-L	A05AB	Preparations for biliary tract therapy	WHO ATC
0-L	A05AB01	nicotinyl methylamide	WHO ATC
0-L	A05AX	Other drugs for bile therapy	WHO ATC
0-L	A05AX01	piprozolin	WHO ATC
0-L	A05AX02	hymecromone	WHO ATC
0-L	A05AX03	cyclobutyrol	WHO ATC
0-L	A05B	LIVER THERAPY, LIPOTROPICS	WHO ATC
0-L	A05BA	Liver therapy	WHO ATC
0-L	A05BA01	arginine glutamate	WHO ATC
0-L	A05BA03	silymarin	WHO ATC
0-L	A05BA04	citiolone	WHO ATC
0-L	A05BA05	epomediol	WHO ATC
0-L	A05BA06	ornithine oxoglurate	WHO ATC
0-L	A05BA07	tidiacic arginine	WHO ATC
0-L	A05BA08	glycyrrhizic acid	WHO ATC
0-L	A05C	DRUGS FOR BILE THERAPY AND LIPOTROPICS IN COMBINATION	WHO ATC
0-L	A06	LAXATIVES	WHO ATC
0-L	A06A	LAXATIVES	WHO ATC
0-L	A06AA	Softeners, emollients	WHO ATC
0-L	A06AA01	liquid paraffin	WHO ATC

0-L	A06AA02	docusate sodium	WHO ATC
0-L	A06AA51	liquid paraffin, combinations	WHO ATC
0-L	A06AB	Contact laxatives	WHO ATC
0-L	A06AB01	oxyphenisatine	WHO ATC
0-L	A06AB02	bisacodyl	WHO ATC
0-L	A06AB03	dantron	WHO ATC
0-L	A06AB04	phenolphthalein	WHO ATC
0-L	A06AB05	castor oil	WHO ATC
0-L	A06AB06	senna glycosides	WHO ATC
0-L	A06AB07	casacara	WHO ATC
0-L	A06AB08	sodium picosulfate	WHO ATC
0-L	A06AB09	bisoxatin	WHO ATC
0-L	A06AB20	contact laxatives in combination	WHO ATC
0-L	A06AB30	contact laxatives in combination with belladonna alkaloids	WHO ATC
0-L	A06AB52	bisacodyl, combinations	WHO ATC
0-L	A06AB53	dantron, combinations	WHO ATC
0-L	A06AB56	senna glycosides, combinations	WHO ATC
0-L	A06AB57	casacara, combinations	WHO ATC
0-L	A06AB58	sodium picosulfate, combinations	WHO ATC
0-L	A06AC	Bulk producers	WHO ATC
0-L	A06AC01	ispaghula (psylla seeds)	WHO ATC
0-L	A06AC02	ethulose	WHO ATC

0-L	A06AC03	sterculia	WHO ATC
0-L	A06AC05	linseed	WHO ATC
0-L	A06AC06	methylcellulose	WHO ATC
0-L	A06AC07	triticum (wheat fibre)	WHO ATC
0-L	A06AC08	polycarbophil calcium	WHO ATC
0-L	A06AC51	ispaghula, combinations	WHO ATC
0-L	A06AC53	sterculia, combinations	WHO ATC
0-L	A06AC55	linseed, combinations	WHO ATC
0-L	A06AD	Osmotically acting laxatives	WHO ATC
0-L	A06AD01	magnesium carbonate	WHO ATC
0-L	A06AD02	magnesium oxide	WHO ATC
0-L	A06AD03	magnesium peroxide	WHO ATC
0-L	A06AD04	magnesium sulfate	WHO ATC
0-L	A06AD10	mineral salts in combination	WHO ATC
0-L	A06AD11	lactulose	WHO ATC
0-L	A06AD12	lactitol	WHO ATC
0-L	A06AD13	sodium sulfate	WHO ATC
0-L	A06AD14	pentaerithryl	WHO ATC
0-L	A06AD15	macrogol	WHO ATC
0-L	A06AD16	mannitol	WHO ATC
0-L	A06AD17	sodium phosphate	WHO ATC
0-L	A06AD18	sorbitol	WHO ATC

0-L	A06AD19	magnesium citrate	WHO ATC
0-L	A06AD21	sodium tartrate	WHO ATC
0-L	A06AD61	lactulose, combinations	WHO ATC
0-L	A06AD65	macrogol, combinations	WHO ATC
0-L	A06AG	Enemas	WHO ATC
0-L	A06AG01	sodium phosphate	WHO ATC
0-L	A06AG02	bisacodyl	WHO ATC
0-L	A06AG03	dantron, incl. combinations	WHO ATC
0-L	A06AG04	glycerol	WHO ATC
0-L	A06AG06	oil	WHO ATC
0-L	A06AG07	sorbitol	WHO ATC
0-L	A06AG10	docusate sodium, incl. combinations	WHO ATC
0-L	A06AG11	laurilsulfate, incl. combinations	WHO ATC
0-L	A06AG20	combinations	WHO ATC
0-L	A06AH	Peripheral opioid receptor antagonists	WHO ATC
0-L	A06AH01	methylnaltrexone bromide	WHO ATC
0-L	A06AH02	alvimopan	WHO ATC
0-L	A06AX	Other laxatives	WHO ATC
0-L	A06AX01	glycerol	WHO ATC
0-L	A06AX02	carbon dioxide producing drugs	WHO ATC
0-L	A06AX03	lubiprostone	WHO ATC
0-L	A07	ANTIDIARRHEALS, INTESTINAL ANTIINFLAMMATORY/ANTIINFECTIVEAGENTS	WHO ATC

0-L	A07A	INTESTINAL ANTIINFECTIVES	WHO ATC
0-L	A07AA	Antibiotics	WHO ATC
0-L	A07AA01	neomycin	WHO ATC
0-L	A07AA02	nystatin	WHO ATC
0-L	A07AA03	natamycin	WHO ATC
0-L	A07AA04	streptomycin	WHO ATC
0-L	A07AA05	polymyxin B	WHO ATC
0-L	A07AA06	paromomycin	WHO ATC
0-L	A07AA07	amphotericin B	WHO ATC
0-L	A07AA08	kanamycin	WHO ATC
0-L	A07AA09	vancomycin	WHO ATC
0-L	A07AA10	colistin	WHO ATC
0-L	A07AA11	rifaximin	WHO ATC
0-L	A07AA51	neomycin, combinations	WHO ATC
0-L	A07AA54	streptomycin, combinations	WHO ATC
0-L	A07AB	Sulfonamides	WHO ATC
0-L	A07AB02	phthalylsulfathiazole	WHO ATC
0-L	A07AB03	sulfaguandine	WHO ATC
0-L	A07AB04	succinylsulfathiazole	WHO ATC
0-L	A07AC	Imidazole derivatives	WHO ATC
0-L	A07AC01	miconazole	WHO ATC
0-L	A07AX	Other intestinal antiinfectives	WHO ATC

0-L	A07AX01	broxyquinoline	WHO ATC
0-L	A07AX02	acetarsol	WHO ATC
0-L	A07AX03	nifuroxazide	WHO ATC
0-L	A07AX04	nifurzide	WHO ATC
0-L	A07B	INTESTINAL ADSORBENTS	WHO ATC
0-L	A07BA	Charcoal preparations	WHO ATC
0-L	A07BA01	medicinal charcoal	WHO ATC
0-L	A07BA51	medicinal charcoal, combinations	WHO ATC
0-L	A07BB	Bismuth preparations	WHO ATC
0-L	A07BC	Other intestinal adsorbents	WHO ATC
0-L	A07BC01	pectin	WHO ATC
0-L	A07BC02	kaolin	WHO ATC
0-L	A07BC03	crospovidone	WHO ATC
0-L	A07BC04	attapulgit	WHO ATC
0-L	A07BC05	diosmectite	WHO ATC
0-L	A07BC30	combinations	WHO ATC
0-L	A07BC54	attapulgit, combinations	WHO ATC
0-L	A07C	ELECTROLYTES WITH CARBOHYDRATES	WHO ATC
0-L	A07CA	Oral rehydration salt formulations	WHO ATC
0-L	A07D	ANTIPROPULSIVES	WHO ATC
0-L	A07DA	Antipropulsives	WHO ATC
0-L	A07DA01	diphenoxylate	WHO ATC

0-L	A07DA02	opium	WHO ATC
0-L	A07DA03	loperamide	WHO ATC
0-L	A07DA04	difenoxin	WHO ATC
0-L	A07DA05	loperamide oxide	WHO ATC
0-L	A07DA52	morphine, combinations	WHO ATC
0-L	A07DA53	loperamide, combinations	WHO ATC
0-L	A07E	INTESTINAL ANTIINFLAMMATORY AGENTS	WHO ATC
0-L	A07EA	Corticosteroids acting locally	WHO ATC
0-L	A07EA01	prednisolone	WHO ATC
0-L	A07EA02	hydrocortisone	WHO ATC
0-L	A07EA03	prednisone	WHO ATC
0-L	A07EA04	betamethasone	WHO ATC
0-L	A07EA05	tixocortol	WHO ATC
0-L	A07EA06	budesonide	WHO ATC
0-L	A07EA07	beclometasone	WHO ATC
0-L	A07EB	Antiallergic agents, excl. corticosteroids	WHO ATC
0-L	A07EB01	cromoglicic acid	WHO ATC
0-L	A07EC	Aminosalicylic acid and similar agents	WHO ATC
0-L	A07EC01	sulfasalazine	WHO ATC
0-L	A07EC02	mesalazine	WHO ATC
0-L	A07EC03	olsalazine	WHO ATC
0-L	A07EC04	balsalazide	WHO ATC

0-L	A07F	ANTIDIARRHEAL MICROORGANISMS	WHO ATC
0-L	A07FA	Antidiarrheal microorganisms	WHO ATC
0-L	A07FA01	lactic acid producing organisms	WHO ATC
0-L	A07FA02	saccharomyces boulardii	WHO ATC
0-L	A07FA51	lactic acid producing organisms, combinations	WHO ATC
0-L	A07X	OTHER ANTIDIARRHEALS	WHO ATC
0-L	A07XA	Other antidiarrheals	WHO ATC
0-L	A07XA01	albumin tannate	WHO ATC
0-L	A07XA02	ceratonia	WHO ATC
0-L	A07XA03	calcium compounds	WHO ATC
0-L	A07XA04	racecadotril	WHO ATC
0-L	A07XA51	albumin tannate, combinations	WHO ATC
0-L	A08	ANTIOBESITY PREPARATIONS, EXCL. DIET PRODUCTS	WHO ATC
0-L	A08A	ANTIOBESITY PREPARATIONS, EXCL. DIET PRODUCTS	WHO ATC
0-L	A08AA	Centrally acting antiobesity products	WHO ATC
0-L	A08AA01	phentermine	WHO ATC
0-L	A08AA02	fenfluramine	WHO ATC
0-L	A08AA03	amfepramone	WHO ATC
0-L	A08AA04	dexfenfluramine	WHO ATC
0-L	A08AA05	mazindol	WHO ATC
0-L	A08AA06	etilamfetamine	WHO ATC
0-L	A08AA07	cathine	WHO ATC

0-L	A08AA08	clobenzorex	WHO ATC
0-L	A08AA09	mefenorex	WHO ATC
0-L	A08AA10	sibutramine	WHO ATC
0-L	A08AA56	ephedrine, combinations	WHO ATC
0-L	A08AB	Peripherally acting antiobesity products	WHO ATC
0-L	A08AB01	orlistat	WHO ATC
0-L	A08AX	Other antiobesity drugs	WHO ATC
0-L	A08AX01	rimonabant	WHO ATC
0-L	A09	DIGESTIVES, INCL. ENZYMES	WHO ATC
0-L	A09A	DIGESTIVES, INCL. ENZYMES	WHO ATC
0-L	A09AA	Enzyme preparations	WHO ATC
0-L	A09AA01	diastase	WHO ATC
0-L	A09AA02	multienzymes (lipase, protease etc.)	WHO ATC
0-L	A09AA03	pepsin	WHO ATC
0-L	A09AA04	tilactase	WHO ATC
0-L	A09AB	Acid preparations	WHO ATC
0-L	A09AB01	glutamic acid hydrochloride	WHO ATC
0-L	A09AB02	betaine hydrochloride	WHO ATC
0-L	A09AB03	hydrochloric acid	WHO ATC
0-L	A09AB04	citric acid	WHO ATC
0-L	A09AC	Enzyme and acid preparations, combinations	WHO ATC
0-L	A09AC01	pepsin and acid preparations	WHO ATC

0-L	A09AC02	multienzymes and acid preparations	WHO ATC
0-L	A10	DRUGS USED IN DIABETES	WHO ATC
0-L	A10A	INSULINS AND ANALOGUES	WHO ATC
0-L	A10AB	Insulins and analogues for injection, fast-acting	WHO ATC
0-L	A10AB01	insulin (human)	WHO ATC
0-L	A10AB02	insulin (beef)	WHO ATC
0-L	A10AB03	insulin (pork)	WHO ATC
0-L	A10AB04	insulin lispro	WHO ATC
0-L	A10AB05	insulin aspart	WHO ATC
0-L	A10AB06	insulin glulisine	WHO ATC
0-L	A10AB30	combinations	WHO ATC
0-L	A10AC	Insulins and analogues for injection, intermediate-acting	WHO ATC
0-L	A10AC01	insulin (human)	WHO ATC
0-L	A10AC02	insulin (beef)	WHO ATC
0-L	A10AC03	insulin (pork)	WHO ATC
0-L	A10AC04	insulin lispro	WHO ATC
0-L	A10AC30	combinations	WHO ATC
0-L	A10AD	Insulins and analogues for injection, intermediate-acting combined with fast-acting	WHO ATC
0-L	A10AD01	insulin (human)	WHO ATC
0-L	A10AD02	insulin (beef)	WHO ATC
0-L	A10AD03	insulin (pork)	WHO ATC
0-L	A10AD04	Insulin lispro	WHO ATC

0-L	A10AD05	insulin aspart	WHO ATC
0-L	A10AD30	combinations	WHO ATC
0-L	A10AE	Insulins and analogues for injection, long-acting	WHO ATC
0-L	A10AE01	insulin (human)	WHO ATC
0-L	A10AE02	insulin (beef)	WHO ATC
0-L	A10AE03	insulin (pork)	WHO ATC
0-L	A10AE04	insulin glargine	WHO ATC
0-L	A10AE05	insulin detemir	WHO ATC
0-L	A10AE30	combinations	WHO ATC
0-L	A10AF	Insulins and analogues for inhalation	WHO ATC
0-L	A10AF01	insulin (human)	WHO ATC
0-L	A10B	BLOOD GLUCOSE LOWERING DRUGS, EXCL. INSULINS	WHO ATC
0-L	A10BA	Biguanides	WHO ATC
0-L	A10BA01	phenformin	WHO ATC

This value set has 5592 codes in it. In order to keep the publication size manageable, only a selection (500 codes) of the whole set of codes is shown.

Legenda: Type L=leaf, S=specializable, A=abstract, D=deprecated. NullFlavors to appear in @nullFlavor attribute instead of @code.

6.1.66 epSOSAdministrativeGender 1.3.6.1.4.1.12559.11.10.1.3.1.42.34 - 2013-06-03 (913-20091020)

Id	1.3.6.1.4.1.12559.11.10.1.3.1.42.34	Effective Date	2013-06-03 Other versions this id: <ul style="list-style-type: none">  epSOSAdministrativeGender201711 - as of 2017-11-07 14:06:21
Status	 Draft	Version Label	913-20091020

Name	epSOSAdministrativeGender	Display Name	epSOSAdministrativeGender
Description	The gender of a person used for administrative purposes (as opposed to clinical gender)		
Source Code System	2.16.840.1.113883.5.1 - <i>AdministrativeGender</i>		

Level/ Type	Code	Display Name	Code System
0-L	F	Female	AdministrativeGender
0-L	M	Male	AdministrativeGender
0-L	UN	Undifferentiated	AdministrativeGender

Legenda: Type L=leaf, S=specializable, A=abstract, D=deprecated. NullFlavors to appear in @nullFlavor attribute instead of @code.

6.1.67 ○ epSOSAdverseEventType 1.3.6.1.4.1.12559.11.10.1.3.1.42.18 - 2013-06-03 (July 2009)

Id	1.3.6.1.4.1.12559.11.10.1.3.1.42.18	Effective Date	2013-06-03 Other versions this id: <ul style="list-style-type: none"> ● epSOSAdverseEventType201711 - as of 2017-11-07 14:06:20
Status	● Draft	Version Label	July 2009
Name	epSOSAdverseEventType	Display Name	epSOSAdverseEventType
Description	Contents are under IP and only available to epSOS participants. Refer to epSOS for access		
Copyright	This artefact includes content from SNOMED Clinical Terms® (SNOMED CT®) which is copyright of the International Health Terminology Standards Development Organisation (IHTSDO). Implementers of these artefacts must have the appropriate SNOMED CT Affiliate license - for more information contact http://www.snomed.org/snomed-ct/getsnomed-ct or info@snomed.org .		

A valid code from the code system:

Code System Name	Code System Id	Code System Version
SNOMED-CT	2.16.840.1.113883.6.96	

6.1.68 ○ epSOSAllergenNoDrugs 1.3.6.1.4.1.12559.11.10.1.3.1.42.19 - 2013-06-03 (July 2009)

Id	1.3.6.1.4.1.12559.11.10.1.3.1.42.19	Effective Date	2013-06-03
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			Other versions this id: <ul style="list-style-type: none"> ● epSOSAllergenNoDrugs201711 - as of 2017-11-07 14:06:20
Status	● Draft	Version Label	July 2009
Name	epSOSAllergenNoDrugs	Display Name	epSOSAllergenNoDrugs
Description	Contents are under IP and only available to epSOS participants. Refer to epSOS for access		
Copyright	This artefact includes content from SNOMED Clinical Terms® (SNOMED CT®) which is copyright of the International Health Terminology Standards Development Organisation (IHTSDO). Implementers of these artefacts must have the appropriate SNOMED CT Affiliate license - for more information contact http://www.snomed.org/snomed-ct/getsnomed-ct or info@snomed.org .		

A valid code from the code system:

Code System Name	Code System Id	Code System Version
SNOMED-CT	2.16.840.1.113883.6.96	

6.1.69 ○ epSOSBloodGroup 1.3.6.1.4.1.12559.11.10.1.3.1.42.20 - 2013-06-03 (July 2009)



Id	1.3.6.1.4.1.12559.11.10.1.3.1.42.20	Effective Date	2013-06-03 Other versions this id: <ul style="list-style-type: none"> ● epSOSBloodGroup201711 - as of 2017-11-07 14:06:20
Status	● Draft	Version Label	July 2009
Name	epSOSBloodGroup	Display Name	epSOSBloodGroup
Description	The Value Set is used to code the value of patient's blood group + Rh		
Copyright	This artefact includes content from SNOMED Clinical Terms® (SNOMED CT®) which is copyright of the International Health Terminology Standards Development Organisation (IHTSDO). Implementers of these artefacts must have the appropriate SNOMED CT Affiliate license - for more information contact http://www.snomed.org/snomed-ct/getsnomed-ct or info@snomed.org .		
Source Code System	2.16.840.1.113883.6.96 - SNOMED-CT		

Level/ Type	Code	Display Name	Code System
0-L	112144000	Blood group A	SNOMED-CT

0-L	278152006	Blood group A Rh(D) negative	SNOMED-CT
0-L	278149003	Blood group A Rh(D) positive	SNOMED-CT
0-L	165743006	Blood group AB	SNOMED-CT
0-L	278154007	Blood group AB Rh(D) negative	SNOMED-CT
0-L	278151004	Blood group AB Rh(D) positive	SNOMED-CT
0-L	112149005	Blood group B	SNOMED-CT
0-L	278153001	Blood group B Rh(D) negative	SNOMED-CT
0-L	278150003	Blood group B Rh(D) positive	SNOMED-CT
0-L	58460004	Blood group O	SNOMED-CT
0-L	278148006	Blood group O Rh(D) negative	SNOMED-CT
0-L	278147001	Blood group O Rh(D) positive	SNOMED-CT

Legenda: Type L=leaf, S=specializable, A=abstract, D=deprecated. NullFlavors to appear in @nullFlavor attribute instead of @code.

6.1.70 epSOSBloodPressure 1.3.6.1.4.1.12559.11.10.1.3.1.42.21 - 2013-06-03 (2.34)



Id	1.3.6.1.4.1.12559.11.10.1.3.1.42.21	Effective Date	2013-06-03 Other versions this id: <ul style="list-style-type: none">  epSOSBloodPressure201711 - as of 2017-11-07 14:06:20
Status	 Draft	Version Label	2.34
Name	epSOSBloodPressure	Display Name	epSOSBloodPressure
Description	The Value Set is used for the observations of Blood Pressure recorded in the section for Vital Signs Observations in the Patient Summary. It codes what type of pressure (diastolic, systolic) is measured.		
Source Code System	2.16.840.1.113883.6.1 - LOINC		

Level/ Type	Code	Display Name	Code System
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0-L	8462-4	Diastolic blood pressure	LOINC
0-L	8480-6	Systolic blood pressure	LOINC

Legenda: Type L=leaf, S=specializable, A=abstract, D=deprecated. NullFlavors to appear in @nullFlavor attribute instead of @code.

6.1.71 ○ epSOSCodeNoMedication 1.3.6.1.4.1.12559.11.10.1.3.1.42.22 - 2013-06-03 (July 2009)

Id	1.3.6.1.4.1.12559.11.10.1.3.1.42.22	Effective Date	2013-06-03 Other versions this id: ▪  epSOSCodeNoMedication201711 - as of 2017-11-07 14:06:20
Status	 Draft	Version Label	July 2009
Name	epSOSCodeNoMedication	Display Name	epSOSCodeNoMedication
Description	Contents are under IP and only available to epSOS participants. Refer to epSOS for access		
Copyright	This artefact includes content from SNOMED Clinical Terms® (SNOMED CT®) which is copyright of the International Health Terminology Standards Development Organisation (IHTSDO). Implementers of these artefacts must have the appropriate SNOMED CT Affiliate license - for more information contact http://www.snomed.org/snomed-ct/getsnomed-ct or info@snomed.org .		

A valid code from the code system:

Code System Name	Code System Id	Code System Version
SNOMED-CT	2.16.840.1.113883.6.96	

6.1.72 ○ epSOSCodeProb 1.3.6.1.4.1.12559.11.10.1.3.1.42.23 - 2013-06-03 (July 2009)

Id	1.3.6.1.4.1.12559.11.10.1.3.1.42.23	Effective Date	2013-06-03 Other versions this id: ▪  epSOSCodeProb201711 - as of 2017-11-07 14:06:20
Status	 Draft	Version Label	July 2009
Name	epSOSCodeProb	Display Name	epSOSCodeProb

Description	Contents are under IP and only available to epSOS participants. Refer to epSOS for access
Copyright	This artefact includes content from SNOMED Clinical Terms® (SNOMED CT®) which is copyright of the International Health Terminology Standards Development Organisation (IHTSDO). Implementers of these artefacts must have the appropriate SNOMED CT Affiliate license - for more information contact http://www.snomed.org/snomed-ct/getsnomed-ct or info@snomed.org .

A valid code from the code system:

Code System Name	Code System Id	Code System Version
SNOMED-CT	2.16.840.1.113883.6.96	

6.1.73 ○ epSOSConfidentiality 1.3.6.1.4.1.12559.11.10.1.3.1.42.31 - 2013-06-03 (913-20091020)



Id	1.3.6.1.4.1.12559.11.10.1.3.1.42.31	Effective Date	2013-06-03 Other versions this id: <ul style="list-style-type: none"> ● epSOSConfidentiality201711 - as of 2017-11-07 14:06:20
Status	● Draft	Version Label	913-20091020
Name	epSOSConfidentiality	Display Name	epSOSConfidentiality
Description	The Value Set is used for encoding the confidentiality level of the entire CDA. This Value Set encodes the level of access with regards to the content of the Value Set – for example N concerns all the medical team, R is restricted for specialist that take care of the patient in certain circumstances, and VIP would be for the persons that need the Privacy Officer present or other special consideration (for example a celebrity hospitalized who needs their records protected)		
Source Code System	2.16.840.1.113883.5.25 - Confidentiality		

Level/ Type	Code	Display Name	Code System
0-L	B	business	Confidentiality
0-L	D	clinician	Confidentiality
0-L	I	individual	Confidentiality
0-L	L	low	Confidentiality
0-L	N	normal	Confidentiality
0-L	R	restricted	Confidentiality

0-L	V	very restricted	Confidentiality
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Legenda: Type L=leaf, S=specializable, A=abstract, D=deprecated. NullFlavors to appear in @nullFlavor attribute instead of @code.

6.1.74 ○ epSOSCountry 1.3.6.1.4.1.12559.11.10.1.3.1.42.4 - 2013-06-03 (2001)

Id	1.3.6.1.4.1.12559.11.10.1.3.1.42.4	Effective Date	2013-06-03 Other versions this id: ▪  epSOSCountry201711 - as of 2017-11-07 14:06:21
Status	 Draft	Version Label	2001
Name	epSOSCountry	Display Name	epSOSCountry
Description			
Source Code System	1.0.3166.1 - ISO 3166-1		



Level/ Type	Code	Display Name	Code System
0-L	AL	Albania	ISO 3166-1
0-L	AM	Armenia	ISO 3166-1
0-L	AT	Austria	ISO 3166-1
0-L	BA	Bosnia and Herzegovina	ISO 3166-1
0-L	BE	Belgium	ISO 3166-1
0-L	BG	Bulgaria	ISO 3166-1
0-L	CA	Canada	ISO 3166-1
0-L	CH	Switzerland	ISO 3166-1
0-L	CY	Cyprus	ISO 3166-1
0-L	CZ	Czech Republic	ISO 3166-1
0-L	DE	Germany	ISO 3166-1

0-L	DK	Denmark	ISO 3166-1
0-L	EE	Estonia	ISO 3166-1
0-L	ES	Spain	ISO 3166-1
0-L	FI	Finland	ISO 3166-1
0-L	FR	France	ISO 3166-1
0-L	GB	United Kingdom	ISO 3166-1
0-L	GR	Greece	ISO 3166-1
0-L	HR	Croatia	ISO 3166-1
0-L	HU	Hungary	ISO 3166-1
0-L	IE	Ireland	ISO 3166-1
0-L	IL	Israel	ISO 3166-1
0-L	IS	Iceland	ISO 3166-1
0-L	IT	Italy	ISO 3166-1
0-L	LT	Lithuania	ISO 3166-1
0-L	LU	Luxembourg	ISO 3166-1
0-L	LV	Latvia	ISO 3166-1
0-L	ME	Montenegro	ISO 3166-1
0-L	MK	Macedonia, the Former Yugoslav Republic Of	ISO 3166-1
0-L	MT	Malta	ISO 3166-1
0-L	NL	Netherlands	ISO 3166-1
0-L	NO	Norway	ISO 3166-1
0-L	PL	Poland	ISO 3166-1

0-L	PT	Portugal	ISO 3166-1
0-L	RO	Romania	ISO 3166-1
0-L	RS	Serbia	ISO 3166-1
0-L	RU	Russian Federation	ISO 3166-1
0-L	SE	Sweden	ISO 3166-1
0-L	SI	Slovenia	ISO 3166-1
0-L	SK	Slovakia	ISO 3166-1
0-L	TR	Turkey	ISO 3166-1
0-L	US	United States	ISO 3166-1
0-L	XK	Kosovo	ISO 3166-1

Legenda: Type L=leaf, S=specializable, A=abstract, D=deprecated. NullFlavors to appear in @nullFlavor attribute instead of @code.

6.1.75 epSOSDisplayLabel 1.3.6.1.4.1.12559.11.10.1.3.1.42.46 - 2013-06-03

Id	1.3.6.1.4.1.12559.11.10.1.3.1.42.46	Effective Date	2013-06-03 Other versions this id:
Status	 Draft	Version Label	<ul style="list-style-type: none">  epSOSDisplayLabel201711 - as of 2017-11-07 14:06:21
Name	epSOSDisplayLabel	Display Name	epSOSDisplayLabel
Description	The Value Set is used to denominate all the labels and messages adopted for the epSOS CDA display		
Source Code System	1.3.6.1.4.1.12559.11.10.1.3.1.44.4 - <i>epSOSDisplayLabel</i>		
Level/ Type	Code	Display Name	Code System
0-L	1	Active Ingredient	epSOSDisplayLabel

0-L	10	Clinical Manifestation	epSOSDisplayLabel
0-L	107	I confirm that the patient –data subject has consented to the following statement: ‘I agree that my Patient Summary may be transferred to a registered Health Professional in [COUNTRY B] for the purposes of providing me with medical care and/or medication’	epSOSDisplayLabel
0-L	11	Closed/Inactive Problem	epSOSDisplayLabel
0-L	12	Contact Information	epSOSDisplayLabel
0-L	13	Country	epSOSDisplayLabel
0-L	14	Country A Medicinal Product Code	epSOSDisplayLabel
0-L	15	Creation Date	epSOSDisplayLabel
0-L	16	Custodian	epSOSDisplayLabel
0-L	17	Date	epSOSDisplayLabel
0-L	18	Date To	epSOSDisplayLabel
0-L	19	Date of Birth	epSOSDisplayLabel
0-L	2	Active Problem	epSOSDisplayLabel
0-L	20	Date of Prescription	epSOSDisplayLabel
0-L	21	Device/Implant	epSOSDisplayLabel
0-L	22	Dispense	epSOSDisplayLabel
0-L	23	Dispensed Package Size	epSOSDisplayLabel
0-L	24	Dispensed Product	epSOSDisplayLabel
0-L	25	Dose Form	epSOSDisplayLabel
0-L	26	End Date	epSOSDisplayLabel
0-L	27	Every	epSOSDisplayLabel
0-L	28	Facility ID	epSOSDisplayLabel



0-L	29	Facility Name	epSOSDisplayLabel
0-L	3	Address	epSOSDisplayLabel
0-L	30	Family Name	epSOSDisplayLabel
0-L	31	for	epSOSDisplayLabel
0-L	32	Frequency of Intakes	epSOSDisplayLabel
0-L	33	Gender	epSOSDisplayLabel
0-L	34	Given Name	epSOSDisplayLabel
0-L	35	Guardian	epSOSDisplayLabel
0-L	36	Implant Date	epSOSDisplayLabel
0-L	37	Instructions to patient	epSOSDisplayLabel
0-L	38	Is substitution of brand name allowed?	epSOSDisplayLabel
0-L	39	Last Update	epSOSDisplayLabel
0-L	4	Advise to the dispenser	epSOSDisplayLabel
0-L	40	Legal Authenticator	epSOSDisplayLabel
0-L	41	National Insurance Number	epSOSDisplayLabel
0-L	42	No	epSOSDisplayLabel
0-L	43	Number of packages	epSOSDisplayLabel
0-L	44	Observation Type	epSOSDisplayLabel
0-L	45	Onset Date	epSOSDisplayLabel
0-L	46	Organisation Identifier	epSOSDisplayLabel
0-L	47	Organisation Name	epSOSDisplayLabel
0-L	48	Other Active Ingredients	epSOSDisplayLabel

0-L	49	Other Contacts	epSOSDisplayLabel
0-L	5	Agent	epSOSDisplayLabel
0-L	50	Package Size	epSOSDisplayLabel
0-L	51	Patient	epSOSDisplayLabel
0-L	52	Patient IDs	epSOSDisplayLabel
0-L	53	per unit	epSOSDisplayLabel
0-L	54	Preferred HP/Legal organization to contact	epSOSDisplayLabel
0-L	55	Prefix	epSOSDisplayLabel
0-L	56	Prescriber	epSOSDisplayLabel
0-L	57	Prescriber details	epSOSDisplayLabel
0-L	58	Prescription ID	epSOSDisplayLabel
0-L	59	Prescription Item Details	epSOSDisplayLabel
0-L	6	at	epSOSDisplayLabel
0-L	60	Prescription Item ID	epSOSDisplayLabel
0-L	61	Prescription Items List	epSOSDisplayLabel
0-L	62	Procedure	epSOSDisplayLabel
0-L	63	Procedure Date	epSOSDisplayLabel
0-L	64	Profession	epSOSDisplayLabel
0-L	65	Reaction Type	epSOSDisplayLabel
0-L	66	Regional/National Health ID	epSOSDisplayLabel
0-L	67	Route of Administration	epSOSDisplayLabel
0-L	68	See details	epSOSDisplayLabel

0-L	69	Specialty	epSOSDisplayLabel
0-L	7	Author (HP)	epSOSDisplayLabel
0-L	70	Strength	epSOSDisplayLabel
0-L	71	Substitute	epSOSDisplayLabel
0-L	72	The Active Problem section is missing !	epSOSDisplayLabel
0-L	73	The Allergies, adverse reactions, alerts section is missing !	epSOSDisplayLabel
0-L	74	The Medical Devices and implants section is missing !	epSOSDisplayLabel
0-L	75	The Medication Summary section is missing !	epSOSDisplayLabel
0-L	76	The History of Procedures section is missing !	epSOSDisplayLabel
0-L	77	unit(s)	epSOSDisplayLabel
0-L	78	Units per intake	epSOSDisplayLabel
0-L	79	Vaccination	epSOSDisplayLabel
0-L	8	Authoring Device	epSOSDisplayLabel
0-L	80	Vaccination Date	epSOSDisplayLabel
0-L	81	Yes	epSOSDisplayLabel
0-L	82	I have identified the patient-data subject	epSOSDisplayLabel
0-L	83	I confirm that the patient –data subject has consented to the following statement: ‘I agree that my ePrescription may be transferred to a registered Health Professional in [COUNTRY B] for the purposes of providing me with medical care and/or medication’	epSOSDisplayLabel
0-L	84	Observation Value	epSOSDisplayLabel
0-L	85	Date From	epSOSDisplayLabel
0-L	9	Brand Name	epSOSDisplayLabel
0-L	99	Physical Findings	epSOSDisplayLabel

Legenda: Type L=leaf, S=specializable, A=abstract, D=deprecated. NullFlavors to appear in @nullFlavor attribute instead of @code.

6.1.76 ○ epSOSDocumentCode 1.3.6.1.4.1.12559.11.10.1.3.1.42.32 - 2013-06-03 (2.34)

Id	1.3.6.1.4.1.12559.11.10.1.3.1.42.32	Effective Date	2013-06-03 Other versions this id: ▪  epSOSDocumentCode201711 - as of 2017-11-07 14:06:20
Status	 Draft	Version Label	2.34
Name	epSOSDocumentCode	Display Name	epSOSDocumentCode
Description	Defines to which category the document belongs to : summary, prescription, or dispensation.		
Source Code System	2.16.840.1.113883.6.1 - LOINC		
Level/ Type	Code	Display Name	Code System
0-L	57016-8	Patient Consent	LOINC
0-L	57833-6	ePrescription	LOINC
0-L	60591-5	Patient Summary	LOINC
0-L	60593-1	eDispensation	LOINC

Legenda: Type L=leaf, S=specializable, A=abstract, D=deprecated. NullFlavors to appear in @nullFlavor attribute instead of @code.

6.1.77 ○ epSOSDoseForm 1.3.6.1.4.1.12559.11.10.1.3.1.42.2 - 2013-06-03 (2010)

Id	1.3.6.1.4.1.12559.11.10.1.3.1.42.2	Effective Date	2013-06-03 Other versions this id: ▪  epSOSDoseForm201711 - as of 2017-11-07 14:06:20
Status	 Draft	Version Label	2010

Name	epSOSDoseForm			Display Name	epSOSDoseForm
Description					
Source Code System	1.3.6.1.4.1.12559.11.10.1.3.1.44.1 - EDQM				
Level/ Type	Code	Display Name	Code System		
0-L	10101000	Oral drops, solution	EDQM		
0-L	10102000	Oral drops, suspension	EDQM		
0-L	10103000	Oral drops, emulsion	EDQM		
0-L	10104000	Oral liquid	EDQM		
0-L	10105000	Oral solution	EDQM		
0-L	10106000	Oral suspension	EDQM		
0-L	10107000	Oral emulsion	EDQM		
0-L	10108000	Oral gel	EDQM		
0-L	10109000	Oral paste	EDQM		
0-L	10110000	Powder for oral solution	EDQM		
0-L	10111000	Powder for oral suspension	EDQM		
0-L	10112000	Granules for oral solution	EDQM		
0-L	10113000	Granules for oral suspension	EDQM		
0-L	10114000	Powder and solvent for oral solution	EDQM		
0-L	10115000	Powder and solvent for oral suspension	EDQM		
0-L	10116000	Lyophilisate for suspension	EDQM		
0-L	10117000	Syrup	EDQM		
0-L	10118000	Powder for syrup	EDQM		

0-L	10119000	Granules for syrup	EDQM
0-L	10120000	Soluble tablet	EDQM
0-L	10121000	Dispersible tablet	EDQM
0-L	10122000	Herbal tea	EDQM
0-L	10201000	Oral powder	EDQM
0-L	10202000	Instant herbal tea	EDQM
0-L	10203000	Effervescent powder	EDQM
0-L	10204000	Granules	EDQM
0-L	10205000	Effervescent granules	EDQM
0-L	10206000	Gastro-resistant granules	EDQM
0-L	10207000	Prolonged-release granules	EDQM
0-L	10208000	Modified-release granules	EDQM
0-L	10209000	Cachet	EDQM
0-L	10210000	Capsule, hard	EDQM
0-L	10211000	Capsule, soft	EDQM
0-L	10212000	Gastro-resistant capsule, hard	EDQM
0-L	10213000	Gastro-resistant capsule, soft	EDQM
0-L	10214000	Chewable capsule, soft	EDQM
0-L	10215000	Prolonged-release capsule, hard	EDQM
0-L	10216000	Prolonged-release capsule, soft	EDQM
0-L	10217000	Modified-release capsule, hard	EDQM
0-L	10218000	Modified-release capsule, soft	EDQM

0-L	10219000	Tablet	EDQM
0-L	10220000	Coated tablet	EDQM
0-L	10221000	Film-coated tablet	EDQM
0-L	10222000	Effervescent tablet	EDQM
0-L	10223000	Orodispersible tablet	EDQM
0-L	10224000	Oral lyophilisate	EDQM
0-L	10225000	Gastro-resistant tablet	EDQM
0-L	10226000	Prolonged-release tablet	EDQM
0-L	10227000	Modified-release tablet	EDQM
0-L	10228000	Chewable tablet	EDQM
0-L	10229000	Medicated chewing-gum	EDQM
0-L	10230000	Oral gum	EDQM
0-L	10231000	Pillules	EDQM
0-L	10236100	Orodispersible film	EDQM
0-L	10301000	Gargle	EDQM
0-L	10302000	Concentrate for gargle	EDQM
0-L	10303000	Gargle, powder for solution	EDQM
0-L	10304000	Gargle, tablet for solution	EDQM
0-L	10305000	Oromucosal solution	EDQM
0-L	10306000	Oromucosal suspension	EDQM
0-L	10307000	Oromucosal drops	EDQM
0-L	10308000	Oromucosal spray	EDQM

0-L	10309000	Sublingual spray	EDQM
0-L	10310000	Mouthwash	EDQM
0-L	10311000	Mouthwash, tablet for solution	EDQM
0-L	10312000	Gingival solution	EDQM
0-L	10313000	Oromucosal gel	EDQM
0-L	10314000	Oromucosal paste	EDQM
0-L	10314005	Oromucosal ointment	EDQM
0-L	10314010	Oromucosal cream	EDQM
0-L	10314011	Buccal film	EDQM
0-L	10315000	Gingival gel	EDQM
0-L	10316000	Gingival paste	EDQM
0-L	10317000	Oromucosal capsule	EDQM
0-L	10318000	Sublingual tablet	EDQM
0-L	10319000	Muco-adhesive buccal tablet	EDQM
0-L	10320000	Buccal tablet	EDQM
0-L	10321000	Lozenge	EDQM
0-L	10322000	Compressed lozenge	EDQM
0-L	10323000	Pastille	EDQM
0-L	10401000	Periodontal powder	EDQM
0-L	10402000	Dental gel	EDQM
0-L	10403000	Dental stick	EDQM
0-L	10404000	Dental insert	EDQM

0-L	10405000	Dental powder	EDQM
0-L	10406000	Dental solution	EDQM
0-L	10407000	Dental suspension	EDQM
0-L	10408000	Dental emulsion	EDQM
0-L	10409000	Toothpaste	EDQM
0-L	10410000	Periodontal gel	EDQM
0-L	10411000	Periodontal insert	EDQM
0-L	10501000	Bath additive	EDQM
0-L	10502000	Cream	EDQM
0-L	10503000	Gel	EDQM
0-L	10504000	Ointment	EDQM
0-L	10505000	Cutaneous paste	EDQM
0-L	10506000	Medicated plaster	EDQM
0-L	10507000	Cutaneous foam	EDQM
0-L	10508000	Shampoo	EDQM
0-L	10509000	Cutaneous spray, solution	EDQM
0-L	10510000	Cutaneous spray, suspension	EDQM
0-L	10511000	Cutaneous spray, powder	EDQM
0-L	10512000	Cutaneous liquid	EDQM
0-L	10513000	Cutaneous solution	EDQM
0-L	10514000	Concentrate for cutaneous solution	EDQM
0-L	10515000	Cutaneous suspension	EDQM

0-L	10516000	Cutaneous emulsion	EDQM
0-L	10517000	Cutaneous powder	EDQM
0-L	10517500	Cutaneous patch	EDQM
0-L	10518000	Solution for iontophoresis	EDQM
0-L	10519000	Transdermal patch	EDQM
0-L	10520000	Collodion	EDQM
0-L	10521000	Medicated nail lacquer	EDQM
0-L	10521500	Nail solution	EDQM
0-L	10522000	Poultice	EDQM
0-L	10523000	Cutaneous stick	EDQM
0-L	10524000	Cutaneous sponge	EDQM
0-L	10525000	Impregnated dressing	EDQM
0-L	10539500	Scrub	EDQM
0-L	10546500	Transdermal spray, solution	EDQM
0-L	10547000	Transdermal system	EDQM
0-L	10548000	Solution for skin-prick test	EDQM
0-L	10549000	Solution for skin-scratch test	EDQM
0-L	10550000	Plaster for provocation test	EDQM
0-L	10601000	Eye cream	EDQM
0-L	10602000	Eye gel	EDQM
0-L	10603000	Eye ointment	EDQM
0-L	10604000	Eye drops, solution	EDQM

0-L	10604500	Eye drops, emulsion	EDQM
0-L	10605000	Eye drops, suspension	EDQM
0-L	10606000	Eye drops, powder and solvent for solution	EDQM
0-L	10607000	Eye drops, powder and solvent for suspension	EDQM
0-L	10608000	Eye drops, solvent for reconstitution	EDQM
0-L	10609000	Eye drops, prolonged-release	EDQM
0-L	10610000	Eye lotion	EDQM
0-L	10611000	Eye lotion, solvent for reconstitution	EDQM
0-L	10612000	Ophthalmic insert	EDQM
0-L	10613000	Ophthalmic strip	EDQM
0-L	10701000	Ear cream	EDQM
0-L	10702000	Ear gel	EDQM
0-L	10703000	Ear ointment	EDQM
0-L	10704000	Ear drops, solution	EDQM
0-L	10705000	Ear drops, suspension	EDQM
0-L	10706000	Ear drops, emulsion	EDQM
0-L	10707000	Ear drops, powder and solvent for suspension	EDQM
0-L	10708000	Ear powder	EDQM
0-L	10709000	Ear spray, solution	EDQM
0-L	10710000	Ear spray, suspension	EDQM
0-L	10711000	Ear spray, emulsion	EDQM
0-L	10712000	Ear wash, solution	EDQM

0-L	10713000	Ear wash, emulsion	EDQM
0-L	10714000	Ear tampon	EDQM
0-L	10715000	Ear stick	EDQM
0-L	10801000	Nasal cream	EDQM
0-L	10802000	Nasal gel	EDQM
0-L	10803000	Nasal ointment	EDQM
0-L	10804000	Nasal drops, solution	EDQM
0-L	10805000	Nasal drops, suspension	EDQM
0-L	10806000	Nasal drops, emulsion	EDQM
0-L	10807000	Nasal powder	EDQM
0-L	10808000	Nasal spray, solution	EDQM
0-L	10809000	Nasal spray, suspension	EDQM
0-L	10810000	Nasal spray, emulsion	EDQM
0-L	10811000	Nasal wash	EDQM
0-L	10812000	Nasal stick	EDQM
0-L	10900500	Intravaginal ring	EDQM
0-L	10901000	Vaginal cream	EDQM
0-L	10902000	Vaginal gel	EDQM
0-L	10903000	Vaginal ointment	EDQM
0-L	10904000	Vaginal foam	EDQM
0-L	10905000	Vaginal solution	EDQM
0-L	10906000	Vaginal suspension	EDQM

0-L	10907000	Vaginal emulsion	EDQM
0-L	10908000	Tablet for vaginal solution	EDQM
0-L	10909000	Pessary	EDQM
0-L	10910000	Vaginal capsule, hard	EDQM
0-L	10911000	Vaginal capsule, soft	EDQM
0-L	10912000	Vaginal tablet	EDQM
0-L	10913000	Effervescent vaginal tablet	EDQM
0-L	10914000	Medicated vaginal tampon	EDQM
0-L	10915000	Vaginal delivery system	EDQM
0-L	10916000	Vaginal sponge	EDQM
0-L	11001000	Rectal cream	EDQM
0-L	11002000	Rectal gel	EDQM
0-L	11003000	Rectal ointment	EDQM
0-L	11004000	Rectal foam	EDQM
0-L	11005000	Rectal solution	EDQM
0-L	11006000	Rectal suspension	EDQM
0-L	11007000	Rectal emulsion	EDQM
0-L	11008000	Concentrate for rectal solution	EDQM
0-L	11009000	Powder for rectal solution	EDQM
0-L	11010	Oral drops	EDQM
0-L	11010000	Powder for rectal suspension	EDQM
0-L	11011000	Tablet for rectal solution	EDQM

0-L	11012000	Tablet for rectal suspension	EDQM
0-L	11013000	Suppository	EDQM
0-L	11014000	Rectal capsule	EDQM
0-L	11015000	Rectal tampon	EDQM
0-L	11050	Oral liquid	EDQM
0-L	11101000	Nebuliser solution	EDQM
0-L	11102000	Nebuliser suspension	EDQM
0-L	11103000	Powder for nebuliser suspension	EDQM
0-L	11104000	Powder for nebuliser solution	EDQM
0-L	11105000	Nebuliser emulsion	EDQM
0-L	11106000	Pressurised inhalation, solution	EDQM
0-L	11107000	Pressurised inhalation, suspension	EDQM
0-L	11108000	Pressurised inhalation, emulsion	EDQM
0-L	11109000	Inhalation powder	EDQM
0-L	11110000	Inhalation powder, hard capsule	EDQM
0-L	11111000	Inhalation powder, pre-dispensed	EDQM
0-L	11112000	Inhalation vapour, powder	EDQM
0-L	11113000	Inhalation vapour, capsule	EDQM
0-L	11114000	Inhalation vapour, solution	EDQM
0-L	11115000	Inhalation vapour, tablet	EDQM
0-L	11116000	Inhalation vapour, ointment	EDQM
0-L	11117000	Inhalation vapour, liquid	EDQM

0-L	11118000	Inhalation gas	EDQM
0-L	11201000	Solution for injection	EDQM
0-L	11202000	Suspension for injection	EDQM
0-L	11203000	Emulsion for injection	EDQM
0-L	11204000	Gel for injection	EDQM
0-L	11205000	Powder for solution for injection	EDQM
0-L	11206000	Powder for suspension for injection	EDQM
0-L	11207000	Powder and solvent for solution for injection	EDQM
0-L	11208000	Powder and solvent for suspension for injection	EDQM
0-L	11209000	Concentrate for solution for injection	EDQM
0-L	11210000	Solution for infusion	EDQM
0-L	11210500	Solution for infusion in administration system	EDQM
0-L	11211000	Emulsion for infusion	EDQM
0-L	11212000	Powder for solution for infusion	EDQM
0-L	11213000	Concentrate for solution for infusion	EDQM
0-L	11214000	Powder and solvent for solution for infusion	EDQM
0-L	11214500	Lyophilisate and solvent for solution for injection	EDQM
0-L	11215000	Lyophilisate for solution for infusion	EDQM
0-L	11216000	Solvent for parenteral use	EDQM
0-L	11217000	Lyophilisate for solution for injection	EDQM
0-L	11218000	Lyophilisate for suspension for injection	EDQM
0-L	11301000	Implant	EDQM

0-L	11302000	Implantation tablet	EDQM
0-L	11303000	Implantation chain	EDQM
0-L	11303500	Implantation suspension	EDQM
0-L	11304000	Powder and solvent for implantation paste	EDQM
0-L	11401000	Solution for peritoneal dialysis	EDQM
0-L	11402000	Solution for haemofiltration	EDQM
0-L	11403000	Solution for haemodiafiltration	EDQM
0-L	11404000	Solution for haemodialysis	EDQM
0-L	11405000	Concentrate for haemodialysis solution	EDQM
0-L	11501000	Solution for intravesical use	EDQM
0-L	11502000	Bladder irrigation	EDQM
0-L	11503000	Powder for bladder irrigation	EDQM
0-L	11504000	Urethral gel	EDQM
0-L	11505000	Urethral stick	EDQM
0-L	11601000	Endotracheopulmonary instillation, solution	EDQM
0-L	11602000	Endotracheopulmonary instillation, powder for solution	EDQM
0-L	11603000	Endotracheopulmonary instillation, suspension	EDQM
0-L	11604000	Endotracheopulmonary instillation, powder and solvent for solution	EDQM
0-L	11701000	Endocervical gel	EDQM
0-L	11702000	Powder and solvent for endocervical gel	EDQM
0-L	11901000	Intrauterine delivery system	EDQM
0-L	11902000	Intrauterine solution	EDQM

0-L	11903000	Intrauterine suspension	EDQM
0-L	11904000	Intrauterine emulsion	EDQM
0-L	11905000	Intrauterine tablet	EDQM
0-L	11906000	Intrauterine capsule	EDQM
0-L	12004000	Nebulisation solution	EDQM
0-L	12100	Capsule	EDQM
0-L	12100500	Absorbable coated sponge	EDQM
0-L	12101000	Denture lacquer	EDQM
0-L	12102000	Anticoagulant and preservative solution for blood	EDQM
0-L	12103000	Solution for blood fraction modification	EDQM
0-L	12104000	Wound stick	EDQM
0-L	12105000	Radiopharmaceutical precursor	EDQM
0-L	12106000	Radionuclide generator	EDQM
0-L	12107000	Kit for radiopharmaceutical preparation	EDQM
0-L	12108000	Gastroenteral solution	EDQM
0-L	12109000	Dispersion	EDQM
0-L	12109500	Fibrin sealant-powder and solvent for fibrin sealant	EDQM
0-L	12110000	Gastroenteral suspension	EDQM
0-L	12111000	Gastroenteral emulsion	EDQM
0-L	12112000	Solution for organ preservation	EDQM
0-L	12113000	Irrigation solution	EDQM
0-L	12114000	Stomach irrigation	EDQM

0-L	12115000	Sealant	EDQM
0-L	12115500	Solution of perfusion of organs	EDQM
0-L	12116000	Powder and solvent for sealant	EDQM
0-L	12117000	Impregnated pad	EDQM
0-L	12118000	Living tissue equivalent	EDQM
0-L	12119000	Medicated sponge	EDQM
0-L	12120	Gastro-resistant capsule	EDQM
0-L	12120000	Intestinal gel	EDQM
0-L	12130000	Medicated thread	EDQM
0-L	12131000	Solution for provocation test	EDQM
0-L	12150	Prolonged-release capsule	EDQM
0-L	12200	Tablet	EDQM
0-L	12301000	Medicinal gas, compressed	EDQM
0-L	12302000	Medicinal gas, cryogenic	EDQM
0-L	12303000	Medicinal gas, liquefied	EDQM
0-L	13050	Oromucosal liquid	EDQM
0-L	13220	Lozenge	EDQM
0-L	14050	Dental liquid	EDQM
0-L	15090	Cutaneous spray	EDQM
0-L	15130	Cutaneous liquid	EDQM
0-L	16040	Eye drops	EDQM
0-L	17040	Ear drops	EDQM

0-L	17090	Ear spray	EDQM
0-L	17120	Ear wash	EDQM
0-L	18040	Nasal drops	EDQM
0-L	18080	Nasal spray	EDQM
0-L	19050	Vaginal liquid	EDQM
0-L	19100	Vaginal capsule	EDQM
0-L	20050	Enema	EDQM
0-L	21010	Nebuliser liquid	EDQM
0-L	21060	Pressurised inhalation	EDQM
0-L	21100	Inhalation powder	EDQM
0-L	21140	Inhalation vapour	EDQM
0-L	22010	Injection	EDQM
0-L	22050	Powder for injection	EDQM
0-L	22090	Sterile concentrate	EDQM
0-L	22100	Infusion	EDQM
0-L	22120	Powder for infusion	EDQM
0-L	26010	Endotracheopulmonary instillation	EDQM
0-L	29020	Intrauterine liquid	EDQM
0-L	30047500	Pouch	EDQM
0-L	31030	Blood fraction modifier	EDQM
0-L	31080	Gastroenteral liquid	EDQM
0-L	50001000	Chewable/dispersible tablet	EDQM

0-L	50001250	Coated granules in sachet	EDQM
0-L	50001500	Concentrate and diluent for solution for infusion	EDQM
0-L	50002000	Concentrate and solvent for concentrate for solution for infusion	EDQM
0-L	50003000	Concentrate and solvent for cutaneous solution	EDQM
0-L	50004000	Concentrate and solvent for cutaneous use	EDQM
0-L	50005000	Concentrate and solvent for injection	EDQM
0-L	50006000	Concentrate and solvent for solution for infusion	EDQM
0-L	50007000	Concentrate and solvent for solution for injection	EDQM
0-L	50008000	Concentrate and solvent for suspension for injection	EDQM
0-L	50009000	Concentrate for cutaneous spray, emulsion	EDQM
0-L	50009300	Concentrate for dispersion for infusion	EDQM
0-L	50009500	Concentrate for emulsion for infusion	EDQM
0-L	50010000	Concentrate for oral solution	EDQM
0-L	50011000	Concentrate for oral/rectal solution	EDQM
0-L	50012000	Concentrate for peritoneal dialysis solution	EDQM
0-L	50013000	Concentrate for solution for intravesical use	EDQM
0-L	50013500	Concentrate for spray emulsion	EDQM
0-L	50014000	Concentrate for suspension for infusion	EDQM
0-L	50015000	Cutaneous and nasal ointment	EDQM
0-L	50015300	Cutaneous/oromucosal/oral solution	EDQM
0-L	50015400	Cutaneous/oromucosal spray	EDQM
0-L	50015500	Cutaneous spray, emulsion	EDQM

0-L	50016000	Cutaneous spray, ointment	EDQM
0-L	50017000	Dental paste	EDQM
0-L	50018000	Ear/eye drops, solution	EDQM
0-L	50019000	Ear/eye ointment	EDQM
0-L	50020000	Ear/eye/nose drops, solution	EDQM
0-L	50020500	Effervescent buccal tablet	EDQM
0-L	50021000	Emulsion for injection/infusion	EDQM
0-L	50021500	Emulsion and suspension for emulsion for injection	EDQM
0-L	50022000	Endosinusal wash, suspension	EDQM
0-L	50023000	Eye drops, solution in single-dose container	EDQM
0-L	50023500	Film coated gastro-resistant tablet	EDQM
0-L	50024000	Gargle/mouthwash	EDQM
0-L	50025000	Gastro-resistant coated tablet	EDQM
0-L	50026000	Gastro-resistant granules for oral suspension	EDQM
0-L	50026250	Gastro-resistant prolonged-release tablet	EDQM
0-L	50026500	Granules and solvent for oral suspension	EDQM
0-L	50027000	Granules and solvent for suspension for injection	EDQM
0-L	50028000	Granules for oral and rectal suspension	EDQM
0-L	50029000	Granules for oral drops, solution	EDQM
0-L	50029250	Granules for use in drinking water	EDQM
0-L	50029500	Granules for vaginal solution	EDQM
0-L	50029600	Hard capsule with gastro-resistant pellets	EDQM

0-L	50029700	Herbal tea in bag	EDQM
0-L	50030000	Inhalation powder, tablet	EDQM
0-L	50031000	Inhalation vapour, effervescent tablet	EDQM
0-L	50032000	Inhalation vapour, emulsion	EDQM
0-L	50033000	Inhalation vapour, impregnated pad	EDQM
0-L	50033300	Intrauterine foam	EDQM
0-L	50033500	Intravitreal implant in applicator	EDQM
0-L	50034000	Liquefied gas for dental use	EDQM
0-L	50035000	Modified-release film-coated tablet	EDQM
0-L	50036000	Modified-release granules for oral suspension	EDQM
0-L	50036100	Muco-adhesive buccal prolonged-release tablet	EDQM
0-L	50036500	Nasal/oromucosal solution	EDQM
0-L	50037000	Nasal spray and oromucosal solution	EDQM
0-L	50037250	Nasal spray, solution in single-dose container	EDQM
0-L	50037750	Oral drops, liquid	EDQM
0-L	50038000	Oral/rectal suspension	EDQM
0-L	50038500	Oral solution/concentrate for nebuliser solution	EDQM
0-L	50039000	Oromucosal patch	EDQM
0-L	50039300	Oromucosal powder in pouch	EDQM
0-L	50039500	Oromucosal/laryngopharyngeal solution	EDQM
0-L	50040000	Oromucosal/laryngopharyngeal solution/spray	EDQM
0-L	50041000	Pillules in single-dose container	EDQM

0-L	50041500	Powder and solution for solution for injection	EDQM
0-L	50042000	Powder and solvent for concentrate for solution for infusion	EDQM
0-L	50043000	Powder for concentrate for solution for infusion	EDQM
0-L	50044000	Powder and solvent for cutaneous solution	EDQM
0-L	50044500	Powder and solvent for dispersion for injection	EDQM
0-L	50045000	Powder and solvent for endosinusial solution	EDQM
0-L	50045500	Powder and solvent for epilesional solution	EDQM
0-L	50046000	Powder and solvent for gingival gel	EDQM
0-L	50047000	Powder and solvent for instillation solution for intraocular use	EDQM
0-L	50047500	Powder and solvent for intravesical solution	EDQM
0-L	50047700	Powder and solvent for nebuliser solution	EDQM
0-L	50048000	Powder and solvent for prolonged-release suspension for injection	EDQM
0-L	50048250	Powder and solvent for solution for injection in pre-filled syringe	EDQM
0-L	50048300	Powder and solvent for suspension for injection in pre-filled syringe	EDQM
0-L	50048500	Powder and suspension for suspension for injection	EDQM
0-L	50048600	Powder, dispersion and solvent for concentrate for dispersion for injection	EDQM
0-L	50048750	Powder for concentrate for dispersion for infusion	EDQM
0-L	50049000	Powder for concentrate for haemodialysis solution,	EDQM
0-L	50049100	Powder for concentrate for intravesical suspension	EDQM
0-L	50049250	Powder for concentrate for solution for injection/infusion	EDQM
0-L	50049270	Powder for dental solution	EDQM
0-L	50049300	Powder for epilesional solution	EDQM


0-L	50049500	Powder for implantation suspension	EDQM
0-L	50050000	Powder for intravesical solution	EDQM
0-L	50051000	Powder for intravesical suspension	EDQM
0-L	50051100	Powder for mouth wash	EDQM
0-L	50052000	Powder for oral/rectal suspension	EDQM
0-L	50053000	Powder for solution for injection or infusion	EDQM
0-L	50053500	Powder for solution for injection/infusion	EDQM
0-L	50054000	Powder for solution for intravesical use	EDQM
0-L	50055000	Powder for solution for nasal spray	EDQM
0-L	50055500	Prolonged-release film-coated tablet	EDQM
0-L	50056000	Prolonged-release granules for oral suspension	EDQM
0-L	50056500	Radiopharmaceutical precursor, solution	EDQM
0-L	50057000	Solution for haemodialysis/haemofiltration	EDQM
0-L	50058000	Solution for infusion and oral solution	EDQM
0-L	50059000	Solution for injection/concentrate for solution for infusion	EDQM
0-L	50060000	Solution for injection/infusion	EDQM
0-L	50060100	Solution for injection in cartridge	EDQM
0-L	50060200	Solution for injection in pre-filled pen	EDQM
0-L	50060300	Solution for injection in pre-filled syringe	EDQM
0-L	50060400	Solution for injection in pre-filled syringe with automatic needle guard	EDQM
0-L	50060500	Solution for injection/infusion in pre-filled syringe	EDQM
0-L	50061000	Solution for intraperitoneal use	EDQM

0-L	50061300	Solution for use in drinking water	EDQM
0-L	50061500	Solution for sealant	EDQM
0-L	50061600	Solvent for nasal use	EDQM
0-L	50062000	Suspension and effervescent granules for oral suspension	EDQM
0-L	50062500	Suspension and solution for spray	EDQM
0-L	50063000	Suspension for infusion	EDQM
0-L	50063100	Suspension for injection in cartridge	EDQM
0-L	50063200	Suspension for injection in pre-filled pen	EDQM
0-L	50063300	Suspension for injection in pre-filled syringe	EDQM
0-L	50063500	Suspension for use in drinking water	EDQM
0-L	50064000	Tablet and solvent for rectal suspension	EDQM
0-L	50065000	Tablet and powder for oral solution	EDQM
0-L	50066000	Tablet for oral suspension	EDQM
0-L	50070000	Oral suspension for use in drinking water	EDQM
0-L	50071000	Powder and solvent for dental gel	EDQM
0-L	50072000	Powder for use in drinking water	EDQM
0-L	50073000	Powder for solution for intraocular irrigation	EDQM
0-L	50074000	Solvent for solution for intraocular irrigation	EDQM
0-L	50076000	Solvent for solution for infusion	EDQM
0-L	50077000	Dispersion for injection	EDQM
0-L	50078000	Gas and solvent for dispersion for injection/infusion	EDQM
0-L	50079000	Concentrate for solution for injection/infusion	EDQM

0-L	50080000	Powder and solvent for solution for injection/infusion	EDQM
0-L	50081000	Inhalation solution	EDQM
0-L	50082000	Oral drops, powder for suspension	EDQM

Legenda: Type L=leaf, S=specializable, A=abstract, D=deprecated. NullFlavors to appear in @nullFlavor attribute instead of @code.

6.1.78 ○ epSOSEntityNamePartQualifier 1.3.6.1.4.1.12559.11.10.1.3.1.42.33 - 2013-06-03 (913-20091020)

Id	1.3.6.1.4.1.12559.11.10.1.3.1.42.33	Effective Date	2013-06-03
Status	 Draft	Version Label	913-20091020
Name	epSOSEntityNamePartQualifier	Display Name	epSOSEntityNamePartQualifier
Description	Not used in epSOS1, therefore translation is not needed.		
Source Code System	2.16.840.1.113883.5.43 - <i>EntityNamePartQualifier</i>		

Level/ Type	Code	Display Name	Code System
0-L	AC	academic	EntityNamePartQualifier
0-L	AD	adopted	EntityNamePartQualifier
0-L	BR	birth	EntityNamePartQualifier
0-L	CL	callme	EntityNamePartQualifier
0-L	IN	initial	EntityNamePartQualifier
0-L	LS	legal status	EntityNamePartQualifier
0-L	NB	nobility	EntityNamePartQualifier
0-L	PR	professional	EntityNamePartQualifier
0-L	SP	spouse	EntityNamePartQualifier

0-L	TITLE	title	EntityNamePartQualifier
0-L	VV	voorvoegsel	EntityNamePartQualifier

Legenda: Type L=leaf, S=specializable, A=abstract, D=deprecated. NullFlavors to appear in @nullFlavor attribute instead of @code.

6.1.79 ○ epSOSHealthcareProfessionalRoles 1.3.6.1.4.1.12559.11.10.1.3.1.42.1 - 2013-06-03 (2008)

Id	1.3.6.1.4.1.12559.11.10.1.3.1.42.1	Effective Date	2013-06-03 Other versions this id: <ul style="list-style-type: none"> ● epSOSHealthcareProfessionalRoles201711 - as of 2017-11-07 14:06:20
Status	● Draft	Version Label	2008
Name	epSOSHealthcareProfessionalRoles	Display Name	epSOSHealthcareProfessionalRoles
Description			
Source Code System	2.16.840.1.113883.2.9.6.2.7 - ISCO		


Level/ Type	Code	Display Name	Code System
0-L	22	Health professionals	ISCO
0-L	221	Medical doctors	ISCO
0-L	2211	Generalist medical practitioners	ISCO
0-L	2212	Specialist medical practitioners	ISCO
0-L	222	Nursing and midwifery professionals	ISCO
0-L	2221	Nursing professionals	ISCO
0-L	2222	Midwifery professionals	ISCO
0-L	223	Traditional and complementary medicine professionals	ISCO
0-L	224	Paramedical practitioners	ISCO

0-L	225	Veterinarians	ISCO
0-L	226	Other health professionals	ISCO
0-L	2261	Dentists	ISCO
0-L	2262	Pharmacists	ISCO
0-L	2263	Environmental and occupational health and hygiene professionals	ISCO
0-L	2264	Physiotherapists	ISCO
0-L	2265	Dieticians and nutritionists	ISCO
0-L	2266	Audiologists and speech therapists	ISCO
0-L	2267	Optometrists and ophthalmic opticians	ISCO
0-L	2269	Health professionals not elsewhere classified	ISCO
0-L	32	Health associate professionals	ISCO
0-L	321	Medical and pharmaceutical technicians	ISCO
0-L	3211	Medical imaging and therapeutic equipment technicians	ISCO
0-L	3212	Medical and pathology laboratory technicians	ISCO
0-L	3213	Pharmaceutical technicians and assistants	ISCO
0-L	3214	Medical and dental prosthetic technicians	ISCO
0-L	322	Nursing and midwifery associate professionals	ISCO
0-L	3221	Nursing associate professionals	ISCO
0-L	3222	Midwifery associate professionals	ISCO
0-L	323	Traditional and complementary medicine associate professionals	ISCO
0-L	325	Other health associate professionals	ISCO
0-L	3251	Dental assistants and therapists	ISCO

0-L	3252	Medical records and health information technicians	ISCO
0-L	3253	Community health workers	ISCO
0-L	3254	Dispensing opticians	ISCO
0-L	3255	Physiotherapy technicians and assistants	ISCO
0-L	3256	Medical assistants	ISCO
0-L	3257	Environmental and occupational health inspectors and associates	ISCO
0-L	3258	Ambulance workers	ISCO
0-L	3259	Health associate professionals not elsewhere classified	ISCO

Legenda: Type L=leaf, S=specializable, A=abstract, D=deprecated. NullFlavors to appear in @nullFlavor attribute instead of @code.

6.1.80 ○ epSOSIHEActCode 1.3.6.1.4.1.12559.11.10.1.3.1.42.35 - 2013-06-03 (August 2009 (R5))


Id	1.3.6.1.4.1.12559.11.10.1.3.1.42.35	Effective Date	2013-06-03
Status	 Draft	Version Label	August 2009 (R5)
Name	epSOSIHEActCode	Display Name	epSOSIHEActCode
Description	This is a technical value set which describes what kind of information (immunization, intolerance, instructions) are related to the entry. Describes what the entry is all about. For example describes the purpose of acts, e.g. a comment on another act, to distinguish the act of immunization from the act of treating a patient with a medication		
Source Code System	1.3.6.1.4.1.19376.1.5.3.2 - <i>IHEActCode Vocabulary</i>		

Level/ Type	Code	Display Name	Code System
0-L	COMMENT	This is the act of commenting on another act.	IHEActCode Vocabulary
0-L	DRUG	The act of treating a patient with a particular substance or class of substances identified using a specified vocabulary. Use of this vocabulary term requires the use of either the SUBSTANCE or SUBSTCLASS qualifier described below, along with an identified substance or class of substances.	IHEActCode Vocabulary
0-L	FINSTRUCT	This is the act of providing instructions to the supplier regarding the fulfillment of the medication order.	IHEActCode Vocabulary

0-L	IMMUNIZ	The act of immunization of a patient using a particular substance or class of substances identified using a specified vocabulary. Use of this vocabulary term requires the use of either the SUBSTANCE or SUBSTCLASS qualifier described below, along with an identified substance or class of substances.	IHEActCode Vocabulary
0-L	INTOL	An observation that a patient is somehow intollerant of (e.g., allergic to) a particular substance or class of substances using a specified vocabulary. Use of this vocabulary term requires the use of either the SUBSTANCE or SUBSTCLASS qualifi	IHEActCode Vocabulary
0-L	PINSTRUCT	This is the act of providing instructions to a patient regarding the use of medication.	IHEActCode Vocabulary
0-L	SUBSTANCE	A qualifier that identifies the substance used to treat a patient in an immunization or drug treatment act. The substance is expected to be identified using a vocabulary such as RxNORM, SNOMED CT or other similar vocabulary and should be specific enough to identify the ingredients of the substance used.	IHEActCode Vocabulary
0-L	SUBSTCLASS	A qualifier that identifies the class of substance used to treat a patient in an immunization or drug treatment act. The class of substances is expected to be identified using a vocabulary such as NDF-RT, SNOMED CT or other similar vocabulary, and should be broad enough to classify substances by mechanism of action (e.g., Beta Blocker), intended effect (Diuretic, antibiotic) or ...	IHEActCode Vocabulary

Legenda: Type L=leaf, S=specializable, A=abstract, D=deprecated. NullFlavors to appear in @nullFlavor attribute instead of @code.


6.1.81 ○ epSOSIHERoleCode 1.3.6.1.4.1.12559.11.10.1.3.1.42.36 - 2013-06-03 (August 2009 (R5))

Id	1.3.6.1.4.1.12559.11.10.1.3.1.42.36	Effective Date	2013-06-03
Status	 Draft	Version Label	August 2009 (R5)
Name	epSOSIHERoleCode	Display Name	epSOSIHERoleCode
Description	It is a set of technical codes defined by IHE to represent certain roles that entities play or are scoped by.		
Source Code System	1.3.6.1.4.1.19376.1.5.3.3 - IHE PCC RoleCode		

Level/ Type	Code	Display Name	Code System
0-L	AFFILIATED	An organization with which a person is affiliated (e.g., a volunteer organization).	IHE PCC RoleCode
0-L	EMPLOYER	The employer of a person.	IHE PCC RoleCode
0-L	PHARMACY	The pharmacy a person uses.	IHE PCC RoleCode
0-L	SCHOOL	The school in which a person is enrolled.	IHE PCC RoleCode

Legenda: Type L=leaf, S=specializable, A=abstract, D=deprecated. NullFlavors to appear in @nullFlavor attribute instead of @code.

6.1.82 ○ epSOSIllnessesandDisorders 1.3.6.1.4.1.12559.11.10.1.3.1.42.5 - 2013-06-03 (2008)

Id	1.3.6.1.4.1.12559.11.10.1.3.1.42.5	Effective Date	2013-06-03 Other versions this id:
Status	 Draft	Version Label	2008
Name	epSOSIllnessesandDisorders	Display Name	epSOSIllnessesandDisorders
Description			
Source Code System	1.3.6.1.4.1.12559.11.10.1.3.1.44.2 - ICD-10		

Level/ Type	Code	Display Name	Code System
0-L	A00	Cholera	ICD-10
0-L	A01	Typhoid and paratyphoid fevers	ICD-10
0-L	A02	Other salmonella infections	ICD-10
0-L	A03	Shigellosis	ICD-10
0-L	A04	Other bacterial intestinal infections	ICD-10
0-L	A05	Other bacterial foodborne intoxications, not elsewhere classified	ICD-10
0-L	A06	Amoebiasis	ICD-10
0-L	A07	Other protozoal intestinal diseases	ICD-10
0-L	A08	Viral and other specified intestinal infections	ICD-10
0-L	A09	Diarrhoea and gastroenteritis of presumed infectious origin	ICD-10
0-L	A15	Respiratory tuberculosis, bacteriologically and histologically confirmed	ICD-10

0-L	A16	Respiratory tuberculosis, not confirmed bacteriologically or histologically	ICD-10
0-L	A17	Tuberculosis of nervous system	ICD-10
0-L	A18	Tuberculosis of other organs	ICD-10
0-L	A19	Miliary tuberculosis	ICD-10
0-L	A20	Plague	ICD-10
0-L	A21	Tularaemia	ICD-10
0-L	A22	Anthrax	ICD-10
0-L	A23	Brucellosis	ICD-10
0-L	A24	Glanders and melioidosis	ICD-10
0-L	A25	Rat-bite fevers	ICD-10
0-L	A26	Erysipeloid	ICD-10
0-L	A27	Leptospirosis	ICD-10
0-L	A28	Other zoonotic bacterial diseases, not elsewhere classified	ICD-10
0-L	A30	Leprosy [Hansen's disease]	ICD-10
0-L	A31	Infection due to other mycobacteria	ICD-10
0-L	A32	Listeriosis	ICD-10
0-L	A33	Tetanus neonatorum	ICD-10
0-L	A34	Obstetrical tetanus	ICD-10
0-L	A35	Other tetanus	ICD-10
0-L	A36	Diphtheria	ICD-10
0-L	A37	Whooping cough	ICD-10
0-L	A38	Scarlet fever	ICD-10

0-L	A39	Meningococcal infection	ICD-10
0-L	A40	Streptococcal septicaemia	ICD-10
0-L	A41	Other septicaemia	ICD-10
0-L	A42	Actinomycosis	ICD-10
0-L	A43	Nocardiosis	ICD-10
0-L	A44	Bartonellosis	ICD-10
0-L	A46	Erysipelas	ICD-10
0-L	A48	Other bacterial diseases, not elsewhere classified	ICD-10
0-L	A49	Bacterial infection of unspecified site	ICD-10
0-L	A50	Congenital syphilis	ICD-10
0-L	A51	Early syphilis	ICD-10
0-L	A52	Late syphilis	ICD-10
0-L	A53	Other and unspecified syphilis	ICD-10
0-L	A54	Gonococcal infection	ICD-10
0-L	A55	Chlamydial lymphogranuloma (venereum)	ICD-10
0-L	A56	Other sexually transmitted chlamydial diseases	ICD-10
0-L	A57	Chancroid	ICD-10
0-L	A58	Granuloma inguinale	ICD-10
0-L	A59	Trichomoniasis	ICD-10
0-L	A60	Anogenital herpesviral [herpes simplex] infection	ICD-10
0-L	A63	Other predominantly sexually transmitted diseases, not elsewhere classified	ICD-10
0-L	A64	Unspecified sexually transmitted disease	ICD-10

0-L	A65	Nonvenereal syphilis	ICD-10
0-L	A66	Yaws	ICD-10
0-L	A67	Pinta [carate]	ICD-10
0-L	A68	Relapsing fevers	ICD-10
0-L	A69	Other spirochaetal infections	ICD-10
0-L	A70	Chlamydia psittaci infection	ICD-10
0-L	A71	Trachoma	ICD-10
0-L	A74	Other diseases caused by chlamydiae	ICD-10
0-L	A75	Typhus fever	ICD-10
0-L	A77	Spotted fever [tick-borne rickettsioses]	ICD-10
0-L	A78	Q fever	ICD-10
0-L	A79	Other rickettsioses	ICD-10
0-L	A80	Acute poliomyelitis	ICD-10
0-L	A81	Atypical virus infections of central nervous system	ICD-10
0-L	A82	Rabies	ICD-10
0-L	A83	Mosquito-borne viral encephalitis	ICD-10
0-L	A84	Tick-borne viral encephalitis	ICD-10
0-L	A85	Other viral encephalitis, not elsewhere classified	ICD-10
0-L	A86	Unspecified viral encephalitis	ICD-10
0-L	A87	Viral meningitis	ICD-10
0-L	A88	Other viral infections of central nervous system, not elsewhere classified	ICD-10
0-L	A89	Unspecified viral infection of central nervous system	ICD-10

0-L	A90	Dengue fever [classical dengue]	ICD-10
0-L	A91	Dengue haemorrhagic fever	ICD-10
0-L	A92	Other mosquito-borne viral fevers	ICD-10
0-L	A93	Other arthropod-borne viral fevers, not elsewhere classified	ICD-10
0-L	A94	Unspecified arthropod-borne viral fever	ICD-10
0-L	A95	Yellow fever	ICD-10
0-L	A96	Arenaviral haemorrhagic fever	ICD-10
0-L	A98	Other viral haemorrhagic fevers, not elsewhere classified	ICD-10
0-L	A99	Unspecified viral haemorrhagic fever	ICD-10
0-L	B00	Herpesviral [herpes simplex] infections	ICD-10
0-L	B01	Varicella [chickenpox]	ICD-10
0-L	B02	Zoster [herpes zoster]	ICD-10
0-L	B03	Smallpox	ICD-10
0-L	B04	Monkeypox	ICD-10
0-L	B05	Measles	ICD-10
0-L	B06	Rubella [German measles]	ICD-10
0-L	B07	Viral warts	ICD-10
0-L	B08	Other viral infections characterized by skin and mucous membrane lesions, not elsewhere classified	ICD-10
0-L	B09	Unspecified viral infection characterized by skin and mucous membrane lesions	ICD-10
0-L	B15	Acute hepatitis A	ICD-10
0-L	B16	Acute hepatitis B	ICD-10
0-L	B17	Other acute viral hepatitis	ICD-10

0-L	B18	Chronic viral hepatitis	ICD-10
0-L	B19	Unspecified viral hepatitis	ICD-10
0-L	B20	Human immunodeficiency virus [HIV] disease resulting in infectious and parasitic diseases	ICD-10
0-L	B21	Human immunodeficiency virus [HIV] disease resulting in malignant neoplasms	ICD-10
0-L	B22	Human immunodeficiency virus [HIV] disease resulting in other specified diseases	ICD-10
0-L	B23	Human immunodeficiency virus [HIV] disease resulting in other conditions	ICD-10
0-L	B24	Unspecified human immunodeficiency virus [HIV] disease	ICD-10
0-L	B25	Cytomegaloviral disease	ICD-10
0-L	B26	Mumps	ICD-10
0-L	B27	Infectious mononucleosis	ICD-10
0-L	B30	Viral conjunctivitis	ICD-10
0-L	B33	Other viral diseases, not elsewhere classified	ICD-10
0-L	B34	Viral infection of unspecified site	ICD-10
0-L	B35	Dermatophytosis	ICD-10
0-L	B36	Other superficial mycoses	ICD-10
0-L	B37	Candidiasis	ICD-10
0-L	B38	Coccidioidomycosis	ICD-10
0-L	B39	Histoplasmosis	ICD-10
0-L	B40	Blastomycosis	ICD-10
0-L	B41	Paracoccidioidomycosis	ICD-10
0-L	B42	Sporotrichosis	ICD-10
0-L	B43	Chromomycosis and phaeomycotic abscess	ICD-10

0-L	B44	Aspergillosis	ICD-10
0-L	B45	Cryptococcosis	ICD-10
0-L	B46	Zygomycosis	ICD-10
0-L	B47	Mycetoma	ICD-10
0-L	B48	Other mycoses, not elsewhere classified	ICD-10
0-L	B49	Unspecified mycosis	ICD-10
0-L	B50	Plasmodium falciparum malaria	ICD-10
0-L	B51	Plasmodium vivax malaria	ICD-10
0-L	B52	Plasmodium malariae malaria	ICD-10
0-L	B53	Other parasitologically confirmed malaria	ICD-10
0-L	B54	Unspecified malaria	ICD-10
0-L	B55	Leishmaniasis	ICD-10
0-L	B56	African trypanosomiasis	ICD-10
0-L	B57	Chagas' disease	ICD-10
0-L	B58	Toxoplasmosis	ICD-10
0-L	B59	Pneumocystosis	ICD-10
0-L	B60	Other protozoal diseases, not elsewhere classified	ICD-10
0-L	B64	Unspecified protozoal disease	ICD-10
0-L	B65	Schistosomiasis [bilharziasis]	ICD-10
0-L	B66	Other fluke infections	ICD-10
0-L	B67	Echinococcosis	ICD-10
0-L	B68	Taeniasis	ICD-10

0-L	B69	Cysticercosis	ICD-10
0-L	B70	Diphyllobothriasis and sparganosis	ICD-10
0-L	B71	Other cestode infections	ICD-10
0-L	B72	Dracunculiasis	ICD-10
0-L	B73	Onchocerciasis	ICD-10
0-L	B74	Filariasis	ICD-10
0-L	B75	Trichinellosis	ICD-10
0-L	B76	Hookworm diseases	ICD-10
0-L	B77	Ascariasis	ICD-10
0-L	B78	Strongyloidiasis	ICD-10
0-L	B79	Trichuriasis	ICD-10
0-L	B80	Enterobiasis	ICD-10
0-L	B81	Other intestinal helminthiases, not elsewhere classified	ICD-10
0-L	B82	Unspecified intestinal parasitism	ICD-10
0-L	B83	Other helminthiases	ICD-10
0-L	B85	Pediculosis and phthiriasis	ICD-10
0-L	B86	Scabies	ICD-10
0-L	B87	Myiasis	ICD-10
0-L	B88	Other infestations	ICD-10
0-L	B89	Unspecified parasitic disease	ICD-10
0-L	B90	Sequelae of tuberculosis	ICD-10
0-L	B91	Sequelae of poliomyelitis	ICD-10

0-L	B92	Sequela of leprosy	ICD-10
0-L	B94	Sequela of other and unspecified infectious and parasitic diseases	ICD-10
0-L	B95	Streptococcus and staphylococcus as the cause of diseases classified to other chapters	ICD-10
0-L	B96	Other bacterial agents as the cause of diseases classified to other chapters	ICD-10
0-L	B97	Viral agents as the cause of diseases classified to other chapters	ICD-10
0-L	B99	Other and unspecified infectious diseases	ICD-10
0-L	C00	Malignant neoplasm of lip	ICD-10
0-L	C01	Malignant neoplasm of base of tongue	ICD-10
0-L	C02	Malignant neoplasm of other and unspecified parts of tongue	ICD-10
0-L	C03	Malignant neoplasm of gum	ICD-10
0-L	C04	Malignant neoplasm of floor of mouth	ICD-10
0-L	C05	Malignant neoplasm of palate	ICD-10
0-L	C06	Malignant neoplasm of other and unspecified parts of mouth	ICD-10
0-L	C07	Malignant neoplasm of parotid gland	ICD-10
0-L	C08	Malignant neoplasm of other and unspecified major salivary glands	ICD-10
0-L	C09	Malignant neoplasm of tonsil	ICD-10
0-L	C10	Malignant neoplasm of oropharynx	ICD-10
0-L	C11	Malignant neoplasm of nasopharynx	ICD-10
0-L	C12	Malignant neoplasm of piriform sinus	ICD-10
0-L	C13	Malignant neoplasm of hypopharynx	ICD-10
0-L	C14	Malignant neoplasm of other and ill-defined sites in the lip, oral cavity and pharynx	ICD-10
0-L	C15	Malignant neoplasm of oesophagus	ICD-10

0-L	C16	Malignant neoplasm of stomach	ICD-10
0-L	C17	Malignant neoplasm of small intestine	ICD-10
0-L	C18	Malignant neoplasm of colon	ICD-10
0-L	C19	Malignant neoplasm of rectosigmoid junction	ICD-10
0-L	C20	Malignant neoplasm of rectum	ICD-10
0-L	C21	Malignant neoplasm of anus and anal canal	ICD-10
0-L	C22	Malignant neoplasm of liver and intrahepatic bile ducts	ICD-10
0-L	C23	Malignant neoplasm of gallbladder	ICD-10
0-L	C24	Malignant neoplasm of other and unspecified parts of biliary tract	ICD-10
0-L	C25	Malignant neoplasm of pancreas	ICD-10
0-L	C26	Malignant neoplasm of other and ill-defined digestive organs	ICD-10
0-L	C30	Malignant neoplasm of nasal cavity and middle ear	ICD-10
0-L	C31	Malignant neoplasm of accessory sinuses	ICD-10
0-L	C32	Malignant neoplasm of larynx	ICD-10
0-L	C33	Malignant neoplasm of trachea	ICD-10
0-L	C34	Malignant neoplasm of bronchus and lung	ICD-10
0-L	C37	Malignant neoplasm of thymus	ICD-10
0-L	C38	Malignant neoplasm of heart, mediastinum and pleura	ICD-10
0-L	C39	Malignant neoplasm of other and ill-defined sites in the respiratory system and intrathoracic organs	ICD-10
0-L	C40	Malignant neoplasm of bone and articular cartilage of limbs	ICD-10
0-L	C41	Malignant neoplasm of bone and articular cartilage of other and unspecified sites	ICD-10
0-L	C43	Malignant melanoma of skin	ICD-10

0-L	C44	Other malignant neoplasms of skin	ICD-10
0-L	C45	Mesothelioma	ICD-10
0-L	C46	Kaposi's sarcoma	ICD-10
0-L	C47	Malignant neoplasm of peripheral nerves and autonomic nervous system	ICD-10
0-L	C48	Malignant neoplasm of retroperitoneum and peritoneum	ICD-10
0-L	C49	Malignant neoplasm of other connective and soft tissue	ICD-10
0-L	C50	Malignant neoplasm of breast	ICD-10
0-L	C51	Malignant neoplasm of vulva	ICD-10
0-L	C52	Malignant neoplasm of vagina	ICD-10
0-L	C53	Malignant neoplasm of cervix uteri	ICD-10
0-L	C54	Malignant neoplasm of corpus uteri	ICD-10
0-L	C55	Malignant neoplasm of uterus, part unspecified	ICD-10
0-L	C56	Malignant neoplasm of ovary	ICD-10
0-L	C57	Malignant neoplasm of other and unspecified female genital organs	ICD-10
0-L	C58	Malignant neoplasm of placenta	ICD-10
0-L	C60	Malignant neoplasm of penis	ICD-10
0-L	C61	Malignant neoplasm of prostate	ICD-10
0-L	C62	Malignant neoplasm of testis	ICD-10
0-L	C63	Malignant neoplasm of other and unspecified male genital organs	ICD-10
0-L	C64	Malignant neoplasm of kidney, except renal pelvis	ICD-10
0-L	C65	Malignant neoplasm of renal pelvis	ICD-10
0-L	C66	Malignant neoplasm of ureter	ICD-10

0-L	C67	Malignant neoplasm of bladder	ICD-10
0-L	C68	Malignant neoplasm of other and unspecified urinary organs	ICD-10
0-L	C69	Malignant neoplasm of eye and adnexa	ICD-10
0-L	C70	Malignant neoplasm of meninges	ICD-10
0-L	C71	Malignant neoplasm of brain	ICD-10
0-L	C72	Malignant neoplasm of spinal cord, cranial nerves and other parts of central nervous system	ICD-10
0-L	C73	Malignant neoplasm of thyroid gland	ICD-10
0-L	C74	Malignant neoplasm of adrenal gland	ICD-10
0-L	C75	Malignant neoplasm of other endocrine glands and related structures	ICD-10
0-L	C76	Malignant neoplasm of other and ill-defined sites	ICD-10
0-L	C77	Secondary and unspecified malignant neoplasm of lymph nodes	ICD-10
0-L	C78	Secondary malignant neoplasm of respiratory and digestive organs	ICD-10
0-L	C79	Secondary malignant neoplasm of other sites	ICD-10
0-L	C80	Malignant neoplasm without specification of site	ICD-10
0-L	C81	Hodgkin's disease	ICD-10
0-L	C82	Follicular [nodular] non-Hodgkin's lymphoma	ICD-10
0-L	C83	Diffuse non-Hodgkin's lymphoma	ICD-10
0-L	C84	Peripheral and cutaneous T-cell lymphomas	ICD-10
0-L	C85	Other and unspecified types of non-Hodgkin's lymphoma	ICD-10
0-L	C88	Malignant immunoproliferative diseases	ICD-10
0-L	C90	Multiple myeloma and malignant plasma cell neoplasms	ICD-10
0-L	C91	Lymphoid leukaemia	ICD-10

0-L	C92	Myeloid leukaemia	ICD-10
0-L	C93	Monocytic leukaemia	ICD-10
0-L	C94	Other leukaemias of specified cell type	ICD-10
0-L	C95	Leukaemia of unspecified cell type	ICD-10
0-L	C96	Other and unspecified malignant neoplasms of lymphoid, haematopoietic and related tissue	ICD-10
0-L	C97	Malignant neoplasms of independent (primary) multiple sites	ICD-10
0-L	D00	Carcinoma in situ of oral cavity, oesophagus and stomach	ICD-10
0-L	D01	Carcinoma in situ of other and unspecified digestive organs	ICD-10
0-L	D02	Carcinoma in situ of middle ear and respiratory system	ICD-10
0-L	D03	Melanoma in situ	ICD-10
0-L	D04	Carcinoma in situ of skin	ICD-10
0-L	D05	Carcinoma in situ of breast	ICD-10
0-L	D06	Carcinoma in situ of cervix uteri	ICD-10
0-L	D07	Carcinoma in situ of other and unspecified genital organs	ICD-10
0-L	D09	Carcinoma in situ of other and unspecified sites	ICD-10
0-L	D10	Benign neoplasm of mouth and pharynx	ICD-10
0-L	D11	Benign neoplasm of major salivary glands	ICD-10
0-L	D12	Benign neoplasm of colon, rectum, anus and anal canal	ICD-10
0-L	D13	Benign neoplasm of other and ill-defined parts of digestive system	ICD-10
0-L	D14	Benign neoplasm of middle ear and respiratory system	ICD-10
0-L	D15	Benign neoplasm of other and unspecified intrathoracic organs	ICD-10
0-L	D16	Benign neoplasm of bone and articular cartilage	ICD-10

0-L	D17	Benign lipomatous neoplasm	ICD-10
0-L	D18	Haemangioma and lymphangioma, any site	ICD-10
0-L	D19	Benign neoplasm of mesothelial tissue	ICD-10
0-L	D20	Benign neoplasm of soft tissue of retroperitoneum and peritoneum	ICD-10
0-L	D21	Other benign neoplasms of connective and other soft tissue	ICD-10
0-L	D22	Melanocytic naevi	ICD-10
0-L	D23	Other benign neoplasms of skin	ICD-10
0-L	D24	Benign neoplasm of breast	ICD-10
0-L	D25	Leiomyoma of uterus	ICD-10
0-L	D26	Other benign neoplasms of uterus	ICD-10
0-L	D27	Benign neoplasm of ovary	ICD-10
0-L	D28	Benign neoplasm of other and unspecified female genital organs	ICD-10
0-L	D29	Benign neoplasm of male genital organs	ICD-10
0-L	D30	Benign neoplasm of urinary organs	ICD-10
0-L	D31	Benign neoplasm of eye and adnexa	ICD-10
0-L	D32	Benign neoplasm of meninges	ICD-10
0-L	D33	Benign neoplasm of brain and other parts of central nervous system	ICD-10
0-L	D34	Benign neoplasm of thyroid gland	ICD-10
0-L	D35	Benign neoplasm of other and unspecified endocrine glands	ICD-10
0-L	D36	Benign neoplasm of other and unspecified sites	ICD-10
0-L	D37	Neoplasm of uncertain or unknown behaviour of oral cavity and digestive organs	ICD-10
0-L	D38	Neoplasm of uncertain or unknown behaviour of middle ear and respiratory and intrathoracic organs	ICD-10

0-L	D39	Neoplasm of uncertain or unknown behaviour of female genital organs	ICD-10
0-L	D40	Neoplasm of uncertain or unknown behaviour of male genital organs	ICD-10
0-L	D41	Neoplasm of uncertain or unknown behaviour of urinary organs	ICD-10
0-L	D42	Neoplasm of uncertain or unknown behaviour of meninges	ICD-10
0-L	D43	Neoplasm of uncertain or unknown behaviour of brain and central nervous system	ICD-10
0-L	D44	Neoplasm of uncertain or unknown behaviour of endocrine glands	ICD-10
0-L	D45	Polycythaemia vera	ICD-10
0-L	D46	Myelodysplastic syndromes	ICD-10
0-L	D47	Other neoplasms of uncertain or unknown behaviour of lymphoid, haematopoietic and related tissue	ICD-10
0-L	D48	Neoplasm of uncertain or unknown behaviour of other and unspecified sites	ICD-10
0-L	D50	Iron deficiency anaemia	ICD-10
0-L	D51	Vitamin B12 deficiency anaemia	ICD-10
0-L	D52	Folate deficiency anaemia	ICD-10
0-L	D53	Other nutritional anaemias	ICD-10
0-L	D55	Anaemia due to enzyme disorders	ICD-10
0-L	D56	Thalassaemia	ICD-10
0-L	D57	Sickle-cell disorders	ICD-10
0-L	D58	Other hereditary haemolytic anaemias	ICD-10
0-L	D59	Acquired haemolytic anaemia	ICD-10
0-L	D60	Acquired pure red cell aplasia [erythroblastopenia]	ICD-10
0-L	D61	Other aplastic anaemias	ICD-10
0-L	D62	Acute posthaemorrhagic anaemia	ICD-10

0-L	D63	Anaemia in chronic diseases classified elsewhere	ICD-10
0-L	D64	Other anaemias	ICD-10
0-L	D65	Disseminated intravascular coagulation [defibrination syndrome]	ICD-10
0-L	D66	Hereditary factor VIII deficiency	ICD-10
0-L	D67	Hereditary factor IX deficiency	ICD-10
0-L	D68	Other coagulation defects	ICD-10
0-L	D68.2	Hereditary deficiency of other clotting factors	ICD-10
0-L	D68.3	Haemorrhagic disorder due to circulating anticoagulants	ICD-10
0-L	D68.4	Acquired coagulation factor deficiency	ICD-10
0-L	D69	Purpura and other haemorrhagic conditions	ICD-10
0-L	D70	Agranulocytosis	ICD-10
0-L	D71	Functional disorders of polymorphonuclear neutrophils	ICD-10
0-L	D72	Other disorders of white blood cells	ICD-10
0-L	D73	Diseases of spleen	ICD-10
0-L	D74	Methaemoglobinaemia	ICD-10
0-L	D75	Other diseases of blood and blood-forming organs	ICD-10
0-L	D76	Certain diseases involving lymphoreticular tissue and reticulohistiocytic system	ICD-10
0-L	D77	Other disorders of blood and blood-forming organs in diseases classified elsewhere	ICD-10
0-L	D80	Immunodeficiency with predominantly antibody defects	ICD-10
0-L	D81	Combined immunodeficiencies	ICD-10
0-L	D82	Immunodeficiency associated with other major defects	ICD-10
0-L	D83	Common variable immunodeficiency	ICD-10

0-L	D84	Other immunodeficiencies	ICD-10
0-L	D86	Sarcoidosis	ICD-10
0-L	D89	Other disorders involving the immune mechanism, not elsewhere classified	ICD-10
0-L	E00	Congenital iodine-deficiency syndrome	ICD-10
0-L	E01	Iodine-deficiency-related thyroid disorders and allied conditions	ICD-10
0-L	E02	Subclinical iodine-deficiency hypothyroidism	ICD-10
0-L	E03	Other hypothyroidism	ICD-10
0-L	E04	Other nontoxic goitre	ICD-10
0-L	E05	Thyrotoxicosis [hyperthyroidism]	ICD-10
0-L	E06	Thyroiditis	ICD-10
0-L	E07	Other disorders of thyroid	ICD-10
0-L	E10	Insulin-dependent diabetes mellitus	ICD-10
0-L	E11	Non-insulin-dependent diabetes mellitus	ICD-10
0-L	E12	Malnutrition-related diabetes mellitus	ICD-10
0-L	E13	Other specified diabetes mellitus	ICD-10
0-L	E14	Unspecified diabetes mellitus	ICD-10
0-L	E15	Nondiabetic hypoglycaemic coma	ICD-10
0-L	E16	Other disorders of pancreatic internal secretion	ICD-10
0-L	E20	Hypoparathyroidism	ICD-10
0-L	E21	Hyperparathyroidism and other disorders of parathyroid gland	ICD-10
0-L	E22	Hyperfunction of pituitary gland	ICD-10
0-L	E23	Hypofunction and other disorders of pituitary gland	ICD-10

0-L	E24	Cushing's syndrome	ICD-10
0-L	E25	Adrenogenital disorders	ICD-10
0-L	E26	Hyperaldosteronism	ICD-10
0-L	E27	Other disorders of adrenal gland	ICD-10
0-L	E27.2	Addisonian crisis	ICD-10
0-L	E28	Ovarian dysfunction	ICD-10
0-L	E29	Testicular dysfunction	ICD-10
0-L	E30	Disorders of puberty, not elsewhere classified	ICD-10
0-L	E31	Polyglandular dysfunction	ICD-10
0-L	E32	Diseases of thymus	ICD-10
0-L	E34	Other endocrine disorders	ICD-10
0-L	E35	Disorders of endocrine glands in diseases classified elsewhere	ICD-10
0-L	E40	Kwashiorkor	ICD-10
0-L	E41	Nutritional marasmus	ICD-10
0-L	E42	Marasmic kwashiorkor	ICD-10
0-L	E43	Unspecified severe protein-energy malnutrition	ICD-10
0-L	E44	Protein-energy malnutrition of moderate and mild degree	ICD-10
0-L	E45	Retarded development following protein-energy malnutrition	ICD-10
0-L	E46	Unspecified protein-energy malnutrition	ICD-10
0-L	E50	Vitamin A deficiency	ICD-10
0-L	E51	Thiamine deficiency	ICD-10
0-L	E52	Niacin deficiency [pellagra]	ICD-10

0-L	E53	Deficiency of other B group vitamins	ICD-10
0-L	E54	Ascorbic acid deficiency	ICD-10
0-L	E55	Vitamin D deficiency	ICD-10
0-L	E56	Other vitamin deficiencies	ICD-10
0-L	E58	Dietary calcium deficiency	ICD-10
0-L	E59	Dietary selenium deficiency	ICD-10
0-L	E60	Dietary zinc deficiency	ICD-10
0-L	E61	Deficiency of other nutrient elements	ICD-10
0-L	E63	Other nutritional deficiencies	ICD-10
0-L	E64	Sequelae of malnutrition and other nutritional deficiencies	ICD-10
0-L	E65	Localized adiposity	ICD-10
0-L	E66	Obesity	ICD-10
0-L	E67	Other hyperalimentation	ICD-10
0-L	E68	Sequelae of hyperalimentation	ICD-10
0-L	E70	Disorders of aromatic amino-acid metabolism	ICD-10
0-L	E71	Disorders of branched-chain amino-acid metabolism and fatty-acid metabolism	ICD-10
0-L	E72	Other disorders of amino-acid metabolism	ICD-10
0-L	E73	Lactose intolerance	ICD-10
0-L	E74	Other disorders of carbohydrate metabolism	ICD-10
0-L	E75	Disorders of sphingolipid metabolism and other lipid storage disorders	ICD-10
0-L	E76	Disorders of glycosaminoglycan metabolism	ICD-10
0-L	E77	Disorders of glycoprotein metabolism	ICD-10

0-L	E78	Disorders of lipoprotein metabolism and other lipidaemias	ICD-10
0-L	E79	Disorders of purine and pyrimidine metabolism	ICD-10
0-L	E80	Disorders of porphyrin and bilirubin metabolism	ICD-10
0-L	E83	Disorders of mineral metabolism	ICD-10
0-L	E84	Cystic fibrosis	ICD-10
0-L	E85	Amyloidosis	ICD-10
0-L	E86	Volume depletion	ICD-10
0-L	E87	Other disorders of fluid, electrolyte and acid-base balance	ICD-10
0-L	E88	Other metabolic disorders	ICD-10
0-L	E89	Postprocedural endocrine and metabolic disorders, not elsewhere classified	ICD-10
0-L	E90	Nutritional and metabolic disorders in diseases classified elsewhere	ICD-10
0-L	F00	Dementia in Alzheimer's disease	ICD-10
0-L	F01	Vascular dementia	ICD-10
0-L	F02	Dementia in other diseases classified elsewhere	ICD-10
0-L	F03	Unspecified dementia	ICD-10
0-L	F04	Organic amnesic syndrome, not induced by alcohol and other psychoactive substances	ICD-10
0-L	F05	Delirium, not induced by alcohol and other psychoactive substances	ICD-10
0-L	F06	Other mental disorders due to brain damage and dysfunction and to physical disease	ICD-10
0-L	F07	Personality and behavioural disorders due to brain disease, damage and dysfunction	ICD-10
0-L	F09	Unspecified organic or symptomatic mental disorder	ICD-10
0-L	F10	Mental and behavioural disorders due to use of alcohol	ICD-10
0-L	F11	Mental and behavioural disorders due to use of opioids	ICD-10

0-L	F12	Mental and behavioural disorders due to use of cannabinoids	ICD-10
0-L	F13	Mental and behavioural disorders due to use of sedatives or hypnotics	ICD-10
0-L	F14	Mental and behavioural disorders due to use of cocaine	ICD-10
0-L	F15	Mental and behavioural disorders due to use of other stimulants, including caffeine	ICD-10
0-L	F16	Mental and behavioural disorders due to use of hallucinogens	ICD-10
0-L	F17	Mental and behavioural disorders due to use of tobacco	ICD-10
0-L	F18	Mental and behavioural disorders due to use of volatile solvents	ICD-10
0-L	F19	Mental and behavioural disorders due to multiple drug use and use of other psychoactive substances	ICD-10
0-L	F20	Schizophrenia	ICD-10
0-L	F21	Schizotypal disorder	ICD-10
0-L	F22	Persistent delusional disorders	ICD-10
0-L	F23	Acute and transient psychotic disorders	ICD-10
0-L	F24	Induced delusional disorder	ICD-10
0-L	F25	Schizoaffective disorders	ICD-10
0-L	F28	Other nonorganic psychotic disorders	ICD-10
0-L	F29	Unspecified nonorganic psychosis	ICD-10
0-L	F30	Manic episode	ICD-10
0-L	F31	Bipolar affective disorder	ICD-10
0-L	F32	Depressive episode	ICD-10
0-L	F33	Recurrent depressive disorder	ICD-10
0-L	F34	Persistent mood [affective] disorders	ICD-10
0-L	F38	Other mood [affective] disorders	ICD-10

0-L	F39	Unspecified mood [affective] disorder	ICD-10
0-L	F40	Phobic anxiety disorders	ICD-10
0-L	F41	Other anxiety disorders	ICD-10
0-L	F42	Obsessive-compulsive disorder	ICD-10
0-L	F43	Reaction to severe stress, and adjustment disorders	ICD-10
0-L	F44	Dissociative [conversion] disorders	ICD-10
0-L	F45	Somatoform disorders	ICD-10
0-L	F48	Other neurotic disorders	ICD-10
0-L	F50	Eating disorders	ICD-10
0-L	F51	Nonorganic sleep disorders	ICD-10
0-L	F52	Sexual dysfunction, not caused by organic disorder or disease	ICD-10
0-L	F53	Mental and behavioural disorders associated with the puerperium, not elsewhere classified	ICD-10
0-L	F54	Psychological and behavioural factors associated with disorders or diseases classified elsewhere	ICD-10
0-L	F55	Abuse of non-dependence-producing substances	ICD-10
0-L	F59	Unspecified behavioural syndromes associated with physiological disturbances and physical factors	ICD-10
0-L	F60	Specific personality disorders	ICD-10
0-L	F61	Mixed and other personality disorders	ICD-10
0-L	F62	Enduring personality changes, not attributable to brain damage and disease	ICD-10
0-L	F63	Habit and impulse disorders	ICD-10
0-L	F64	Gender identity disorders	ICD-10
0-L	F65	Disorders of sexual preference	ICD-10
0-L	F66	Psychological and behavioural disorders associated with sexual development and orientation	ICD-10



0-L	F68	Other disorders of adult personality and behaviour	ICD-10
0-L	F69	Unspecified disorder of adult personality and behaviour	ICD-10
0-L	F70	Mild mental retardation	ICD-10
0-L	F71	Moderate mental retardation	ICD-10
0-L	F72	Severe mental retardation	ICD-10
0-L	F73	Profound mental retardation	ICD-10
0-L	F78	Other mental retardation	ICD-10
0-L	F79	Unspecified mental retardation	ICD-10
0-L	F80	Specific developmental disorders of speech and language	ICD-10
0-L	F81	Specific developmental disorders of scholastic skills	ICD-10
0-L	F82	Specific developmental disorder of motor function	ICD-10
0-L	F83	Mixed specific developmental disorders	ICD-10
0-L	F84	Pervasive developmental disorders	ICD-10
0-L	F88	Other disorders of psychological development	ICD-10
0-L	F89	Unspecified disorder of psychological development	ICD-10
0-L	F90	Hyperkinetic disorders	ICD-10
0-L	F91	Conduct disorders	ICD-10
0-L	F92	Mixed disorders of conduct and emotions	ICD-10
0-L	F93	Emotional disorders with onset specific to childhood	ICD-10
0-L	F94	Disorders of social functioning with onset specific to childhood and adolescence	ICD-10
0-L	F95	Tic disorders	ICD-10
0-L	F98	Other behavioural and emotional disorders with onset usually occurring in childhood and adolescence	ICD-10

0-L	F99	Mental disorder, not otherwise specified	ICD-10
0-L	G00	Bacterial meningitis, not elsewhere classified	ICD-10
0-L	G01	Meningitis in bacterial diseases classified elsewhere	ICD-10
0-L	G02	Meningitis in other infectious and parasitic diseases classified elsewhere	ICD-10

This value set has 1685 codes in it. In order to keep the publication size manageable, only a selection (500 codes) of the whole set of codes is shown.

Legenda: Type L=leaf, S=specializable, A=abstract, D=deprecated. NullFlavors to appear in @nullFlavor attribute instead of @code.

6.1.83 ○ epSOSLanguage 1.3.6.1.4.1.12559.11.10.1.3.1.42.6 - 2013-06-03 (2001)

Id	1.3.6.1.4.1.12559.11.10.1.3.1.42.6	Effective Date	2013-06-03 Other versions this id: ▪  epSOSLanguage201711 - as of 2017-11-07 14:06:20
Status	 Draft	Version Label	2001
Name	epSOSLanguage	Display Name	epSOSLanguage
Description			
Source Code System	1.0.639.1 - ISO 639-1		


Level/ Type	Code	Display Name	Code System
0-L	bg	Bulgarian	ISO 639-1
0-L	bs	Bosnian	ISO 639-1
0-L	ca	Catalan	ISO 639-1
0-L	cs	Czech	ISO 639-1
0-L	da	Danish	ISO 639-1
0-L	de	German	ISO 639-1

0-L	el	Greek	ISO 639-1
0-L	en	English	ISO 639-1
0-L	es	Spanish; Castilian	ISO 639-1
0-L	et	Estonian	ISO 639-1
0-L	fi	Finnish	ISO 639-1
0-L	fr	French	ISO 639-1
0-L	he	Hebrew	ISO 639-1
0-L	hr	Croatian	ISO 639-1
0-L	hu	Hungarian	ISO 639-1
0-L	hy	Armenian	ISO 639-1
0-L	is	Icelandic	ISO 639-1
0-L	it	Italian	ISO 639-1
0-L	lb	Luxembourgish	ISO 639-1
0-L	lt	Lithuanian	ISO 639-1
0-L	lv	Latvian	ISO 639-1
0-L	mk	Macedonian	ISO 639-1
0-L	mt	Maltese	ISO 639-1
0-L	nl	Dutch; Flemish	ISO 639-1
0-L	no	Norwegian	ISO 639-1
0-L	pl	Polish	ISO 639-1
0-L	pt	Portuguese	ISO 639-1
0-L	ro	Romanian	ISO 639-1

0-L	ru	Russian	ISO 639-1
0-L	sk	Slovak	ISO 639-1
0-L	sl	Slovenian	ISO 639-1
0-L	sq	Albanian	ISO 639-1
0-L	sr	Serbian	ISO 639-1
0-L	sv	Swedish	ISO 639-1
0-L	tr	Turkish	ISO 639-1

Legenda: Type L=leaf, S=specializable, A=abstract, D=deprecated. NullFlavors to appear in @nullFlavor attribute instead of @code.

6.1.84 ○ epSOSMedicalDevices 1.3.6.1.4.1.12559.11.10.1.3.1.42.8 - 2013-06-03 (July 2009)

Id	1.3.6.1.4.1.12559.11.10.1.3.1.42.8	Effective Date	2013-06-03 Other versions this id:
Status	 Draft	Version Label	July 2009
Name	epSOSMedicalDevices	Display Name	epSOSMedicalDevices
Description	Contents are under IP and only available to epSOS participants. Refer to epSOS for access		
Copyright	<p>Licensing note: this value set includes concepts from SNOMED CT®. The SNOMED CT concepts are for use with SNOMED CT, and not expected to be used with other code systems. Any use of SNOMED CT is subject to SNOMED CT licensing rules, which may include a fee.</p> <p>This artefact includes content from SNOMED Clinical Terms® (SNOMED CT®) which is copyright of the International Health Terminology Standards Development Organisation (IHTSDO). Implementers of these artefacts must have the appropriate SNOMED CT Affiliate license - for more information contact http://www.snomed.org/snomed-ct/getsnomed-ct or info@snomed.org.</p>		
Source Code System	2.16.840.1.113883.6.96 - <i>SNOMED-CT</i>		

Level/ Type	Code	Display Name	Code System
0-L	304184000	Ankle joint implant	SNOMED-CT

0-L	84683006	Aortic valve prosthesis	SNOMED-CT
0-L	360046005	Arterial stent	SNOMED-CT
0-L	24073000	Artificial cardiac valve prosthesis	SNOMED-CT
0-L	429798007	Artificial vertebral disc	SNOMED-CT
0-L	303500007	Auditory implant	SNOMED-CT
0-L	360123005	Biliary stent	SNOMED-CT
0-L	304070008	Body wall implant	SNOMED-CT
0-L	77444004	Bone pin	SNOMED-CT
0-L	271003	Bone plate	SNOMED-CT
0-L	360145006	Bone prosthesis	SNOMED-CT
0-L	68183006	Bone screw	SNOMED-CT
0-L	77777004	Bone staple	SNOMED-CT
0-L	63112008	Bone wire	SNOMED-CT
0-L	2282003	Breast prosthesis	SNOMED-CT
0-L	264824009	Cardiac conduit	SNOMED-CT
0-L	303619008	Cardiac implant	SNOMED-CT
0-L	303490004	Cardiovascular implant	SNOMED-CT
0-L	413766009	Carotid stent	SNOMED-CT
0-L	43252007	Cochlear prosthesis	SNOMED-CT
0-L	360329004	Dacron graft	SNOMED-CT
0-L	421168009	Eye sphere implant	SNOMED-CT
0-L	303277008	Fallopian tube prosthesis	SNOMED-CT


0-L	304121006	Femoral head prosthesis	SNOMED-CT
0-L	304185004	Foot joint implant	SNOMED-CT
0-L	360117000	Gastric bubble	SNOMED-CT
0-L	303499003	Gastrointestinal implant	SNOMED-CT
0-L	304186003	Hand joint implant	SNOMED-CT
0-L	303533002	Hip joint implant	SNOMED-CT
0-L	67270000	Hip prosthesis	SNOMED-CT
0-L	72506001	Implantable defibrillator	SNOMED-CT
0-L	360041000	Implanted drug delivery system	SNOMED-CT
0-L	268460000	Intrauterine contraceptive device	SNOMED-CT
0-L	360058005	Intraventricular pump	SNOMED-CT
0-L	257366006	JJ-stent	SNOMED-CT
0-L	314523008	Joint implant	SNOMED-CT
0-L	360070009	Laryngeal implant	SNOMED-CT
0-L	414580007	Laryngeal keel	SNOMED-CT
0-L	74444006	Limb prosthesis	SNOMED-CT
0-L	272245008	Maxillofacial prosthesis/appliance	SNOMED-CT
0-L	90134004	Metal periosteal implant	SNOMED-CT
0-L	17107009	Mitral valve prosthesis	SNOMED-CT
0-L	303503009	Musculoskeletal implant	SNOMED-CT
0-L	303618000	Nervous system implant	SNOMED-CT
0-L	118382007	Neuropacemaker device	SNOMED-CT

0-L	257282009	Non-valved conduit	SNOMED-CT
0-L	303608005	Ophthalmological implant	SNOMED-CT
0-L	303515008	Orbital implant	SNOMED-CT
0-L	424921004	Permanent cardiac pacemaker, device	SNOMED-CT
0-L	423449009	Pulmonary valve prosthesis, device	SNOMED-CT
0-L	303947005	Rod fixation system	SNOMED-CT
0-L	304124003	Shoulder joint implant	SNOMED-CT
0-L	303726000	Shoulder joint prosthesis	SNOMED-CT
0-L	118374007	Silicone implant	SNOMED-CT
0-L	257275005	Spinal cage	SNOMED-CT
0-L	63289001	Surgical metal nail, device	SNOMED-CT
0-L	304120007	Total hip replacement prosthesis	SNOMED-CT
0-L	360100007	Tracheal stent	SNOMED-CT
0-L	286558002	Ureteric stent	SNOMED-CT
0-L	286576009	Urethral stent	SNOMED-CT
0-L	303497001	Urogenital implant	SNOMED-CT
0-L	257283004	Valved cardiac conduit	SNOMED-CT
0-L	303617005	Vascular implant	SNOMED-CT
0-L	102303004	Vascular prosthesis	SNOMED-CT
0-L	118425005	Ventricular reservoir	SNOMED-CT
0-L	258593008	Ventricular shunt	SNOMED-CT
0-L	257343005	Xenograft cardiac valve	SNOMED-CT

0-L	102314001	Embolisation coil	SNOMED-CT
0-L	31031000	Orthopaedic internal fixation system	SNOMED-CT
0-L	45633005	Peritoneal dialyser	SNOMED-CT

Legenda: Type L=leaf, S=specializable, A=abstract, D=deprecated. NullFlavors to appear in @nullFlavor attribute instead of @code.


6.1.85 ○ epSOSMedicalEquipment 1.3.6.1.4.1.12559.11.10.1.3.1.42.45 - 2013-06-03 (July 2009)

Id	1.3.6.1.4.1.12559.11.10.1.3.1.42.45	Effective Date	2013-06-03
Status	 Draft	Version Label	July 2009
Name	epSOSMedicalEquipment	Display Name	epSOSMedicalEquipment
Description	Contents are under IP and only available to epSOS participants. Refer to epSOS for access		
Copyright	This artefact includes content from SNOMED Clinical Terms® (SNOMED CT®) which is copyright of the International Health Terminology Standards Development Organisation (IHTSDO). Implementers of these artefacts must have the appropriate SNOMED CT Affiliate license - for more information contact http://www.snomed.org/snomed-ct/getsnomed-ct or info@snomed.org .		

A valid code from the code system:

Code System Name	Code System Id	Code System Version
SNOMED-CT	2.16.840.1.113883.6.96	

6.1.86 ○ epSOSObservationInterpretation 1.3.6.1.4.1.12559.11.10.1.3.1.42.43 - 2013-06-03 (913-20091020)



Id	1.3.6.1.4.1.12559.11.10.1.3.1.42.43	Effective Date	2013-06-03
Status	 Draft	Version Label	913-20091020
Name	epSOSObservationInterpretation	Display Name	epSOSObservationInterpretation
Description	The Value Set is used to classify the result of an observation or a measurement		
Source Code System	2.16.840.1.113883.5.83 - HL7 ObservationInterpretation		

Level/ Type	Code	Display Name	Code System
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0-L	H	High	HL7 ObservationInterpretation
0-L	L	Low	HL7 ObservationInterpretation
0-L	N	Normal	HL7 ObservationInterpretation

Legenda: Type L=leaf, S=specializable, A=abstract, D=deprecated. NullFlavors to appear in @nullFlavor attribute instead of @code.

6.1.87 ○ epSOSPackage 1.3.6.1.4.1.12559.11.10.1.3.1.42.3 - 2013-06-03 (2010)

Id	1.3.6.1.4.1.12559.11.10.1.3.1.42.3	Effective Date	2013-06-03 Other versions this id: ▪  epSOSPackage201711 - as of 2017-11-07 14:06:20
Status	 Draft	Version Label	2010
Name	epSOSPackage	Display Name	epSOSPackage
Description			
Source Code System	1.3.6.1.4.1.12559.11.10.1.3.1.44.1 - EDQM		

Level/ Type	Code	Display Name	Code System
0-L	3000500	Administration system	EDQM
0-L	30001000	Ampoule	EDQM
0-L	30002000	Applicator	EDQM
0-L	30004000	Bag	EDQM
0-L	30006000	Barrel	EDQM
0-L	30007000	Blister	EDQM
0-L	30008000	Bottle	EDQM
0-L	30009000	Box	EDQM
0-L	30010000	Brush	EDQM

0-L	30011000	Brush applicator	EDQM
0-L	30012000	Cannula	EDQM
0-L	30013000	Cap	EDQM
0-L	30014000	Cartridge	EDQM
0-L	30015000	Child-resistant closure	EDQM
0-L	30016000	Cup	EDQM
0-L	30017000	Dabbing applicator	EDQM
0-L	30019000	Dredging applicator	EDQM
0-L	30020000	Dredging container	EDQM
0-L	30022000	Dropper applicator	EDQM
0-L	30023000	Dropper container	EDQM
0-L	30023005	Fixed cryogenic vessel	EDQM
0-L	30024000	Gas cylinder	EDQM
0-L	30025000	High pressure transdermal delivery device	EDQM
0-L	30026000	Implanter	EDQM
0-L	30026500	Inhaler	EDQM
0-L	30027000	In-ovo injection device	EDQM
0-L	30028000	Injection needle	EDQM
0-L	30029000	Injection syringe	EDQM
0-L	30031000	Intramammary syringe	EDQM
0-L	30032000	Jar	EDQM
0-L	30033000	Measuring device	EDQM


0-L	30034000	Measuring spoon	EDQM
0-L	30035000	Metering pump	EDQM
0-L	30036000	Metering valve	EDQM
0-L	30036005	Mobile cryogenic vessel	EDQM
0-L	30037000	Mouthpiece	EDQM
0-L	30038000	Multidose container	EDQM
0-L	30039000	Multidose container with airless pump	EDQM
0-L	30040000	Multipuncturer	EDQM
0-L	30041000	Nasal applicator	EDQM
0-L	30042000	Nebuliser	EDQM
0-L	30043000	Needle applicator	EDQM
0-L	30044000	Nozzle	EDQM
0-L	30045000	Oral syringe	EDQM
0-L	30046000	Pipette	EDQM
0-L	30047000	Pipette applicator	EDQM
0-L	30048000	Pour-on container	EDQM
0-L	30049000	Pre-filled gastroenteral tube	EDQM
0-L	30050000	Pre-filled pen	EDQM
0-L	30051000	Pre-filled syringe	EDQM
0-L	30052000	Pressurised container	EDQM
0-L	30053000	Prick test applicator	EDQM
0-L	30053500	Roll-on container	EDQM

0-L	30054000	Sachet	EDQM
0-L	30055000	Scarifier	EDQM
0-L	30056000	Screw cap	EDQM
0-L	30057000	Single-dose container	EDQM
0-L	30058000	Spatula	EDQM
0-L	30059000	Spot-on applicator	EDQM
0-L	30060000	Spray container	EDQM
0-L	30061000	Spray pump	EDQM
0-L	30062000	Spray valve	EDQM
0-L	30063000	Stab vaccinator	EDQM
0-L	30064000	Stopper	EDQM
0-L	30064500	Straw	EDQM
0-L	30065000	Strip	EDQM
0-L	30066000	Tablet container	EDQM
0-L	30067000	Tube	EDQM
0-L	30069000	Vial	EDQM

Legenda: Type L=leaf, S=specializable, A=abstract, D=deprecated. NullFlavors to appear in @nullFlavor attribute instead of @code.

6.1.88 ○ epSOSPersonalRelationship 1.3.6.1.4.1.12559.11.10.1.3.1.42.38 - 2013-06-03 (913-20091020)

Id	1.3.6.1.4.1.12559.11.10.1.3.1.42.38	Effective Date	2013-06-03
			Other versions this id:
			<ul style="list-style-type: none"> ● epSOSPersonalRelationship201711 - as of 2017-11-07 14:06:20

Status	 Draft	Version Label	913-20091020
Name	epSOSPersonalRelationship	Display Name	epSOSPersonalRelationship
Description	The Value Set is used (optionally) to code the type of contact relationship between a person and the patient.		
Source Code System	2.16.840.1.113883.5.111 - <i>RoleCode</i>		

Level/ Type	Code	Display Name	Code System
0-L	AUNT	aunt	RoleCode
0-L	CHILD	child	RoleCode
0-L	CHLDADOPT	adopted child	RoleCode
0-L	CHLDFOST	foster child	RoleCode
0-L	CHLDINLAW	child in-law	RoleCode
0-L	COUSN	cousin	RoleCode
0-L	DAU	natural daughter	RoleCode
0-L	DAUADOPT	adopted daughter	RoleCode
0-L	DAUC	daughter	RoleCode
0-L	DAUFOST	foster daughter	RoleCode
0-L	DAUINLAW	daughter in-law	RoleCode
0-L	DOMPART	domestic partner	RoleCode
0-L	FAMMEMB	family member	RoleCode
0-L	FRND	unrelated friend	RoleCode
0-L	FTH	father	RoleCode
0-L	FTHINLAW	father-in-law	RoleCode
0-L	GGRPRN	great grandparent	RoleCode

0-L	GRNDCHILD	grandchild	RoleCode
0-L	GRPRN	grandparent	RoleCode
0-L	MTH	mother	RoleCode
0-L	MTHINLAW	mother-in-law	RoleCode
0-L	NBOR	neighbor	RoleCode
0-L	NCHILD	natural child	RoleCode
0-L	NIENEPH	niece/nephew	RoleCode
0-L	PRN	parent	RoleCode
0-L	PRNINLAW	parent in-law	RoleCode
0-L	ROOM	roommate	RoleCode
0-L	SIB	sibling	RoleCode
0-L	SIGOTHR	significant other	RoleCode
0-L	SON	natural son	RoleCode
0-L	SONADOPT	adopted son	RoleCode
0-L	SONC	son	RoleCode
0-L	SONFOST	foster son	RoleCode
0-L	SONINLAW	son in-law	RoleCode
0-L	SPS	spouse	RoleCode
0-L	STPCHLD	step child	RoleCode
0-L	STPDAU	stepdaughter	RoleCode
0-L	STPSON	stepson	RoleCode
0-L	UNCLE	uncle	RoleCode

Legenda: Type L=leaf, S=specializable, A=abstract, D=deprecated. NullFlavors to appear in @nullFlavor attribute instead of @code.

6.1.89 ○ epSOSPregnancyInformation 1.3.6.1.4.1.12559.11.10.1.3.1.42.9 - 2013-06-03 (2.34)

Id	1.3.6.1.4.1.12559.11.10.1.3.1.42.9	Effective Date	2013-06-03 Other versions this id: ▪ ● epSOSPregnancyInformation201711 - as of 2017-11-07 14:06:20
Status	● Draft	Version Label	2.34
Name	epSOSPregnancyInformation	Display Name	epSOSPregnancyInformation
Description	The Value Set is used to determine the patient's delivery date estimation		
Source Code System	2.16.840.1.113883.6.1 - LOINC		
Level/ Type	Code	Display Name	Code System
0-L	11778-8	Delivery date estimated (clinical)	LOINC
0-L	11779-6	Delivery date estimated from last menstrual period	LOINC
0-L	11780-4	Delivery date estimated from ovulation	LOINC

Legenda: Type L=leaf, S=specializable, A=abstract, D=deprecated. NullFlavors to appear in @nullFlavor attribute instead of @code.

6.1.90 ○ epSOSProcedures 1.3.6.1.4.1.12559.11.10.1.3.1.42.10 - 2013-06-03 (July 2009)

Id	1.3.6.1.4.1.12559.11.10.1.3.1.42.10	Effective Date	2013-06-03 Other versions this id: ▪ ● epSOSProcedures201711 - as of 2017-11-07 14:06:20
Status	● Draft	Version Label	July 2009
Name	epSOSProcedures	Display Name	epSOSProcedures
Description	Contents are under IP and only available to epSOS participants. Refer to epSOS for access		

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There is an open issue with this item:

- [epsos-issue-2: Add laparoscopic colectomy \(Open\)](#)

A valid code from the code system:

Code System Name	Code System Id	Code System Version
SNOMED-CT	2.16.840.1.113883.6.96	


6.1.91 epSOSReactionAllergy 1.3.6.1.4.1.12559.11.10.1.3.1.42.11 - 2013-06-03 (July 2009)


Id	1.3.6.1.4.1.12559.11.10.1.3.1.42.11	Effective Date	2013-06-03 Other versions this id: ▪  epSOSReactionAllergy201711 - as of 2017-11-07 14:06:20
Status	 Draft	Version Label	July 2009
Name	epSOSReactionAllergy	Display Name	epSOSReactionAllergy
Description	Contents are under IP and only available to epSOS participants. Refer to epSOS for access		
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A valid code from the code system:

Code System Name	Code System Id	Code System Version
SNOMED-CT	2.16.840.1.113883.6.96	

6.1.92 epSOSResolutionOutcome 1.3.6.1.4.1.12559.11.10.1.3.1.42.30 - 2013-06-03 (July 2009)




Id	1.3.6.1.4.1.12559.11.10.1.3.1.42.30	Effective Date	2013-06-03 Other versions this id: ▪  epSOSResolutionOutcome201711 - as of
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			2017-11-07 14:06:20
Status	 Draft	Version Label	July 2009
Name	epSOSResolutionOutcome	Display Name	epSOSResolutionOutcome
Description	Contents are under IP and only available to epSOS participants. Refer to epSOS for access		
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A valid code from the code system:

Code System Name	Code System Id	Code System Version
SNOMED-CT	2.16.840.1.113883.6.96	

6.1.93 epSOSRoleClass 1.3.6.1.4.1.12559.11.10.1.3.1.42.39 - 2013-06-03 (913-20091020)



Id	1.3.6.1.4.1.12559.11.10.1.3.1.42.39	Effective Date	2013-06-03 Other versions this id: <ul style="list-style-type: none">  epSOSRoleClass201711 - as of 2017-11-07 14:06:22
Status	 Draft	Version Label	913-20091020
Name	epSOSRoleClass	Display Name	epSOSRoleClass
Description	<p>The Value Set is used to make the distinction between an emergency contact and the next of kin for a patient.</p> <p> There is an open issue with this item:</p> <ul style="list-style-type: none"> epsos-issue-38: <i>Two different descriptions in the documentation</i> (Open) 		

Source Code System	2.16.840.1.113883.5.110 - RoleClass
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Level/ Type	Code	Display Name	Code System
0-L	ECON	emergency contact	RoleClass
0-L	NOK	next of kin	RoleClass

Legenda: Type L=leaf, S=specializable, A=abstract, D=deprecated. NullFlavors to appear in @nullFlavor attribute instead of @code.

6.1.94 ○ epSOSRouteofAdministration 1.3.6.1.4.1.12559.11.10.1.3.1.42.12 - 2013-06-03 (2010)

Id	1.3.6.1.4.1.12559.11.10.1.3.1.42.12	Effective Date	2013-06-03 Other versions this id: <ul style="list-style-type: none"> •  epSOSRouteofAdministration201711 - as of 2017-11-07 14:06:20
Status	 Draft	Version Label	2010
Name	epSOSRouteofAdministration	Display Name	epSOSRouteofAdministration
Description			
Source Code System	1.3.6.1.4.1.12559.11.10.1.3.1.44.1 - EDQM		

Level/ Type	Code	Display Name	Code System
0-L	20001000	Auricular use	EDQM
0-L	20002500	Buccal use	EDQM
0-L	20003000	Cutaneous use	EDQM
0-L	20004000	Dental use	EDQM
0-L	20006000	Endocervical use	EDQM
0-L	20007000	Endosinusial use	EDQM
0-L	20008000	Endotracheopulmonary use	EDQM
0-L	20009000	Epidural use	EDQM
0-L	20010000	Epileisional use	EDQM
0-L	20011000	Extraamniotic use	EDQM
0-L	20011500	Extracorporeal use	EDQM
0-L	20013000	Gastroenteral use	EDQM
0-L	20013500	Gastric use	EDQM

0-L	20014000	Gingival use	EDQM
0-L	20015000	Hemodialysis	EDQM
0-L	20015500	Implantation	EDQM
0-L	20020000	Inhalation use	EDQM
0-L	20021000	Intestinal use	EDQM
0-L	20022000	Intraamniotic use	EDQM
0-L	20023000	Intraarterial use	EDQM
0-L	20024000	Intraarticular use	EDQM
0-L	20025000	Intrabursal use	EDQM
0-L	20026000	Intracardiac use	EDQM
0-L	20026500	Intracartilaginous use	EDQM
0-L	20027000	Intracavernous use	EDQM
0-L	20027010	Intracerebral use	EDQM
0-L	20028000	Intracervical use	EDQM
0-L	20028500	Intracisternal use	EDQM
0-L	20029000	Intracoronary use	EDQM
0-L	20030000	Intradermal use	EDQM
0-L	20031000	Intradiscal use	EDQM
0-L	20031500	Intraepidermal use	EDQM
0-L	20032000	Intralesional use	EDQM
0-L	20033000	Intralymphatic use	EDQM
0-L	20035000	Intramuscular use	EDQM


0-L	20036000	Intraocular use	EDQM
0-L	20036500	Intraosseous use	EDQM
0-L	20037000	Intrapericardial use	EDQM
0-L	20038000	Intraperitoneal use	EDQM
0-L	20039000	Intrapleural use	EDQM
0-L	20039500	Intraprostatic use	EDQM
0-L	20041000	Intrasternal use	EDQM
0-L	20042000	Intrathecal use	EDQM
0-L	20043000	Intratumoral use	EDQM
0-L	20044000	Intrauterine use	EDQM
0-L	20045000	Intravenous use	EDQM
0-L	20046000	Intravesical use	EDQM
0-L	20047000	Intravitreal use	EDQM
0-L	20047500	Iontophoresis	EDQM
0-L	20048000	Laryngopharyngeal use	EDQM
0-L	20049000	Nasal use	EDQM
0-L	20050000	Nebulisation use	EDQM
0-L	20051000	Ocular use	EDQM
0-L	20053000	Oral use	EDQM
0-L	20054000	Oromucosal use	EDQM
0-L	20055000	Oropharyngeal use	EDQM
0-L	20056000	Paravertebral use	EDQM

0-L	20057000	Periarticular use	EDQM
0-L	20058000	Perineural use	EDQM
0-L	20059000	Periodontal use	EDQM
0-L	20059300	Periosseous use	EDQM
0-L	20059500	Posterior juxtасcleral use	EDQM
0-L	20061000	Rectal use	EDQM
0-L	20061500	Retrobulbar use	EDQM
0-L	20062000	Route of administration not applicable	EDQM
0-L	20063000	Skin scarification	EDQM
0-L	20065000	Subconjunctival use	EDQM
0-L	20066000	Subcutaneous use	EDQM
0-L	20067000	Sublingual use	EDQM
0-L	20067500	Submucosal use	EDQM
0-L	20070000	Transdermal use	EDQM
0-L	20071000	Urethral use	EDQM
0-L	20072000	Vaginal use	EDQM

Legenda: Type L=leaf, S=specializable, A=abstract, D=deprecated. NullFlavors to appear in @nullFlavor attribute instead of @code.

6.1.95 ○ epSOSSections 1.3.6.1.4.1.12559.11.10.1.3.1.42.26 - 2013-06-03 (2.34)

Id	1.3.6.1.4.1.12559.11.10.1.3.1.42.26	Effective Date	2013-06-03
			Other versions this id:
			<ul style="list-style-type: none"> ● epSOSSections201711 - as of 2017-11-07 14:06:21

Status	 Draft	Version Label	2.34
Name	epSOSSections	Display Name	epSOSSections
Description	The Value Set is used for naming the sections used by the three CDA-documents.		
Source Code System	2.16.840.1.113883.6.1 - LOINC		


Level/ Type	Code	Display Name	Code System	Description
0-L	10160-0	History of medication use	LOINC	The medications section shall contain a description of the relevant medications for the patient, e.g. an ambulatory prescription list. It shall include entries for medications as described in the Entry Content Module. All prescribed medicine whose period of time indicated for the treatment has not yet expired whether it has been dispensed or not.
0-L	10162-6	History of pregnancies	LOINC	
0-L	10164-2	History of present illness	LOINC	The history of present illness section shall contain a description of the sequence of events preceding the patient's current complaints. Step by step description of etiopathogenesis of current problem patient is being treated for.
0-L	11348-0	History of past illness	LOINC	The History of Past Illness section shall contain a description of the conditions the patient suffered in the past. It shall include entries for problems as described in the Entry Content Modules. Illness which set on and resolved in the past.
0-L	11369-6	History of immunization	LOINC	The immunizations section shall contain a description of the immunizations administered to the patient in the past. It shall include entries for medication administration as described in the Entry Content Modules. Active immunizations received in the past.
0-L	11450-4	Problem list	LOINC	The active problem section shall contain a description of the conditions currently being monitored for the patient. It shall include entries for patient conditions as described in the Entry Content Module. Chronic, recurring or persistent illnesses, requiring repeated reassessment and/or continuous/periodic therapy.
0-L	18776-5	Plan of treatment	LOINC	The care plan section shall contain a description of the expectations for care including proposals, goals, and order requests for monitoring, tracking, or improving the condition of the patient. Therapeutic recommendations that do not include drugs
0-L	29554-3	Procedures	LOINC	The procedure entry is used to record procedures that have occurred, or which are planned for in the future.
0-L	29762-2	Social history	LOINC	
0-L	30954-2	Relevant	LOINC	

		diagnostic tests/ laboratory data		
0-L	46264-8	History of medical device use	LOINC	The medical devices section contains text describing the patient history of medical device use. Documented necessity to use a device replacing/supporting completely/partially a body organ/organ system function.
0-L	47420-5	Functional status assessment	LOINC	The Coded Functional Status Assessment Section provided a machine readable and description of the patient's status of normal functioning at the time the document was created. Pain Scale Assessment, Braden Score Assessment, and Geriatric Depression Scale are subsections of the Functional Status Assessment Section
0-L	47519-4	History of Procedures	LOINC	The list of surgeries section shall include entries for procedures and references to procedure reports when known as described in the Entry Content Modules. Surgical or other invasive procedures in the past, on vital organs/body cavities/vascular or central nervous system.
0-L	48765-2	Allergies, adverse reactions, alerts	LOINC	The adverse and other adverse reactions section shall contain a description of the substance intolerances and the associated adverse reactions suffered by the patient. It shall include entries for intolerances and adverse reactions as described in the Entry Content Modules Presence/absence of potentially life threatening reaction to substances/factors, to which patient can be exposed in the environment, or during treatment, of allergic or other known nature.
0-L	57828-6	Prescriptions	LOINC	
0-L	60590-7	Medication dispensed	LOINC	
0-L	8716-3	Physical findings	LOINC	The vital signs section contains coded measurement results of a patient's vital signs.

Legenda: Type L=leaf, S=specializable, A=abstract, D=deprecated. NullFlavors to appear in @nullFlavor attribute instead of @code.

6.1.96 ○ epSOSSeverity 1.3.6.1.4.1.12559.11.10.1.3.1.42.13 - 2013-06-03 (July 2009)



Id	1.3.6.1.4.1.12559.11.10.1.3.1.42.13	Effective Date	2013-06-03 Other versions this id: <ul style="list-style-type: none"> ● epSOSSeverity201711 - as of 2017-11-07 14:06:20
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Status	 Draft	Version Label	July 2009
Name	epSOSSeverity	Display Name	epSOSSeverity
Description	Contents are under IP and only available to epSOS participants. Refer to epSOS for access		
Copyright	This artefact includes content from SNOMED Clinical Terms® (SNOMED CT®) which is copyright of the International Health Terminology Standards Development Organisation (IHTSDO). Implementers of these artefacts must have the appropriate SNOMED CT Affiliate license - for more information contact http://www.snomed.org/snomed-ct/getsnomed-ct or info@snomed.org .		

A valid code from the code system:

Code System Name	Code System Id	Code System Version
SNOMED-CT	2.16.840.1.113883.6.96	

6.1.97  epSOSSocialHistory 1.3.6.1.4.1.12559.11.10.1.3.1.42.14 - 2013-06-03 (July 2009)

Id	1.3.6.1.4.1.12559.11.10.1.3.1.42.14	Effective Date	2013-06-03 Other versions this id: <ul style="list-style-type: none">  epSOSSocialHistory201711 - as of 2017-11-07 14:06:20
Status	 Draft	Version Label	July 2009
Name	epSOSSocialHistory	Display Name	epSOSSocialHistory
Description	Contents are under IP and only available to epSOS participants. Refer to epSOS for access		
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A valid code from the code system:

Code System Name	Code System Id	Code System Version
SNOMED-CT	2.16.840.1.113883.6.96	

6.1.98  epSOSStatusCode 1.3.6.1.4.1.12559.11.10.1.3.1.42.15 - 2013-06-03 (July 2009)

Id	1.3.6.1.4.1.12559.11.10.1.3.1.42.15	Effective Date	2013-06-03
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		Other versions this id:	
		<ul style="list-style-type: none"> ● epSOSStatusCode201711 - as of 2017-11-07 14:06:20 	
Status	● Draft	Version Label	July 2009
Name	epSOSStatusCode	Display Name	epSOSStatusCode
Description	Contents are under IP and only available to epSOS participants. Refer to epSOS for access		
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A valid code from the code system:

Code System Name	Code System Id	Code System Version
SNOMED-CT	2.16.840.1.113883.6.96	



6.1.99 ○ epSOSSubstitutionCode 1.3.6.1.4.1.12559.11.10.1.3.1.42.7 - 2013-06-03 (913-20091020)

Id	1.3.6.1.4.1.12559.11.10.1.3.1.42.7	Effective Date	2013-06-03
			Other versions this id:
			<ul style="list-style-type: none"> ● epSOSSubstitutionCode201711 - as of 2017-11-07 14:06:20
Status	● Draft	Version Label	913-20091020
Name	epSOSSubstitutionCode	Display Name	epSOSSubstitutionCode
Description			
Source Code System	2.16.840.1.113883.5.1070 - <i>SubstanceAdminSubstitution</i>		

Level/ Type	Code	Display Name	Code System
0-L	G	Generic	SubstanceAdminSubstitution
0-L	N	none	SubstanceAdminSubstitution
0-L	TE	therapeutic alternative	SubstanceAdminSubstitution



Legenda: Type L=leaf, S=specializable, A=abstract, D=deprecated. NullFlavors to appear in @nullFlavor attribute instead of @code.

6.1.100 epSOSTelecomAddress 1.3.6.1.4.1.12559.11.10.1.3.1.42.40 - 2013-06-03 (913-20091020)

Id	1.3.6.1.4.1.12559.11.10.1.3.1.42.40	Effective Date	2013-06-03 Other versions this id: <ul style="list-style-type: none">  epSOSTelecomAddress201711 - as of 2017-11-07 14:06:20
Status	 Draft	Version Label	913-20091020
Name	epSOSTelecomAddress	Display Name	epSOSTelecomAddress
Description	The Value Set is used (optionally) to code the usage of a phone number, email and all telecommunications. Can be used for all phone numbers mentioned in the three CDA-documents.		
Source Code System	2.16.840.1.113883.5.1119 - <i>AddressUse</i>		
Level/ Type	Code	Display Name	Code System
0-L	AS	answering service	AddressUse
0-L	EC	emergency contact	AddressUse
0-L	H	home	AddressUse
0-L	HP	primary home	AddressUse
0-L	HV	vacation home	AddressUse
0-L	MC	mobile contact	AddressUse
0-L	PG	pager	AddressUse
0-L	WP	work place	AddressUse

Legenda: Type L=leaf, S=specializable, A=abstract, D=deprecated. NullFlavors to appear in @nullFlavor attribute instead of @code.


6.1.101 epSOSTimingEvent 1.3.6.1.4.1.12559.11.10.1.3.1.42.41 - 2013-06-03 (20050824)

Id	1.3.6.1.4.1.12559.11.10.1.3.1.42.41	Effective Date	2013-06-03 Other versions this id: <ul style="list-style-type: none">  epSOSTimingEvent201711 - as of 2017-11-07 14:06:20
Status	 Draft	Version Label	20050824
Name	epSOSTimingEvent	Display Name	epSOSTimingEvent
Description			
Source Code System	2.16.840.1.113883.5.139 - <i>TimingEvent</i>		

Level/ Type	Code	Display Name	Code System
0-L	AC	before meal (from lat. ante cibus)	TimingEvent
0-L	ACD	before lunch (from lat. ante cibus diurnus)	TimingEvent
0-L	ACM	before breakfast (from lat. ante cibus matutinus)	TimingEvent
0-L	ACV	before dinner (from lat. ante cibus vespertinus)	TimingEvent
0-L	HS	Prior to beginning a regular period of extended sleep (this would exclude naps). Note that this might occur at different times of day depending on a person's regular sleep schedule.	TimingEvent
0-L	IC	between meals (from lat. inter cibus)	TimingEvent
0-L	ICD	between lunch and dinner	TimingEvent
0-L	ICM	between breakfast and lunch	TimingEvent
0-L	ICV	between dinner and the hour of sleep	TimingEvent
0-L	PC	after meal (from lat. post cibus)	TimingEvent
0-L	PCD	after lunch (from lat. post cibus diurnus)	TimingEvent
0-L	PCM	after breakfast (from lat. post cibus matutinus)	TimingEvent
0-L	PCV	after dinner (from lat. post cibus vespertinus)	TimingEvent

Legenda: Type L=leaf, S=specializable, A=abstract, D=deprecated. NullFlavors to appear in @nullFlavor attribute instead of @code.

6.1.102 ○ epSOSURL 1.3.6.1.4.1.12559.11.10.1.3.1.42.42 - 2013-06-03 (913-20091020)

Id	1.3.6.1.4.1.12559.11.10.1.3.1.42.42	Effective Date	2013-06-03
Status	 Draft	Version Label	913-20091020
Name	epSOSURL	Display Name	epSOSURL
Description	The Value Set is used (in this very case) to make the distinction between telephone numbers and e-mails in contact information for all roles involved. Also for coding any other forms of communication		
Source Code System	2.16.840.1.113883.5.143 - <i>URLScheme</i>		

Level/ Type	Code	Display Name	Code System
0-L	fax	Fax	URLScheme
0-L	file	File	URLScheme
0-L	ftp	FTP	URLScheme
0-L	http	HTTP	URLScheme
0-L	mailto	Mailto	URLScheme
0-L	mllp	HL7 Minimal Lower Layer Protocol	URLScheme
0-L	modem	Modem	URLScheme
0-L	nfs	NFS	URLScheme
0-L	tel	Telephone	URLScheme
0-L	telnet	Telnet	URLScheme

Legenda: Type L=leaf, S=specializable, A=abstract, D=deprecated. NullFlavors to appear in @nullFlavor attribute instead of @code.

6.1.103 ○ epSOSUnits 1.3.6.1.4.1.12559.11.10.1.3.1.42.16 - 2013-06-03 (July 2009)

Id	1.3.6.1.4.1.12559.11.10.1.3.1.42.16	Effective Date	2013-06-03 Other versions this id: <ul style="list-style-type: none"> ● epSOSUnits201711 - as of 2017-11-07 14:06:20
Status	● Draft	Version Label	July 2009
Name	epSOSUnits	Display Name	epSOSUnits
Description			
Source Code System	2.16.840.1.113883.6.8 - UCUM		

Level/ Type	Code	Display Name	Code System
0-L	%	Percent	UCUM
0-L	/d	PerDay	UCUM
0-L	/g	PerGram	UCUM
0-L	/h	PerHour	UCUM
0-L	/kg	PerKiloGram	UCUM
0-L	/kg{body wt}	PerKiloGramBodyWeight	UCUM
0-L	/min	PerMinute	UCUM
0-L	/s	PerSecond	UCUM
0-L	1	Unit	UCUM
0-L	[iU]	InternationalUnit	UCUM
0-L	[iU]/g	InternationalUnitsPerGram	UCUM
0-L	[iU]/mL	InternationalUnitsPerMilliLiter	UCUM
0-L	a	Year	UCUM
0-L	bar	Bar	UCUM

0-L	Cal	Calorie	UCUM
0-L	cal/d	CaloriesPerDay	UCUM
0-L	cal/g	CaloriesPerGram	UCUM
0-L	cal/h	CaloriesPerHour	UCUM
0-L	cal/mL	CaloriesPerMiliLiter	UCUM
0-L	Cel	DegreeCelsius	UCUM
0-L	cm	CentiMeter	UCUM
0-L	cm ²	SquareCentimeter	UCUM
0-L	cm ³	CubicCentimeter	UCUM
0-L	d	Day	UCUM
0-L	g	Gram	UCUM
0-L	g/kg	GramsPerKiloGram	UCUM
0-L	g/L	GramsPerLiter	UCUM
0-L	g/mL	GramsPerMilliliter	UCUM
0-L	h	Hour	UCUM
0-L	J	Joule	UCUM
0-L	k[iU]	KiloInternationalUnits	UCUM
0-L	k[iU]/L	KiloInternationalUnitsPerLiter	UCUM
0-L	kat	Katal	UCUM
0-L	kcal	KiloCalorie	UCUM
0-L	kcal/d	KiloCaloriesPerDay	UCUM
0-L	kcal/g	KiloCaloriesPerGram	UCUM

0-L	kcal/h	KiloCaloriesPerHour	UCUM
0-L	kcal/mL	KiloCaloriesPerMililiter	UCUM
0-L	kg	KiloGrams	UCUM
0-L	kg/m ²	KilogramPerSquareMeter	UCUM
0-L	kg/m ³	KiloGramsPerCubicMeter	UCUM
0-L	kJ	KiloJoule	UCUM
0-L	kPa	KiloPascal	UCUM
0-L	L	Liter	UCUM
0-L	L/s	LitersPerSecond	UCUM
0-L	m	Meter	UCUM
0-L	m ²	SquareMeter	UCUM
0-L	m[iU]	MilliInternationalUnit	UCUM
0-L	m[iU]/L	MilliInternationalUnitsPerLiter	UCUM
0-L	mbar	MilliBar	UCUM
0-L	mg	MilliGram	UCUM
0-L	mg/L	MilliGramsPerLiter	UCUM
0-L	min	Minute	UCUM
0-L	mL	MilliLiter	UCUM
0-L	mL/s	MilliLitersPerSecond	UCUM
0-L	mm	Millimeter	UCUM
0-L	mm ²	SquareMilliMeter	UCUM
0-L	mm[Hg]	MilliMetersOfMercury	UCUM

0-L	mmol	MilliMole	UCUM
0-L	mmol/L	MilliMolesPerLiter	UCUM
0-L	mo	Month	UCUM
0-L	mol/L	MolePerLiter	UCUM
0-L	ng	NanoGram	UCUM
0-L	ng/L	NanoGramsPerLiter	UCUM
0-L	nmol/L	NanoMolesPerLiter	UCUM
0-L	pH	pH	UCUM
0-L	s	Second	UCUM
0-L	ug	Microgram	UCUM
0-L	ug/(kg.min)	MicroGramsPerKiloGramAndMinute	UCUM
0-L	ug/L	MicroGramsPerLiter	UCUM
0-L	ukat	MicroKatal	UCUM
0-L	ukat/L	MicroKatalPerLiter	UCUM
0-L	ukat/mL	MicroKatalPerMilliLiter	UCUM
0-L	uL	MicroLiter	UCUM
0-L	umol	MicroMole	UCUM
0-L	umol/L	MicroMolesPerLiter	UCUM
0-L	wk	Week	UCUM

Legenda: Type L=leaf, S=specializable, A=abstract, D=deprecated. NullFlavors to appear in @nullFlavor attribute instead of @code.

6.1.104 ○ epSOSUnknownInformation 1.3.6.1.4.1.12559.11.10.1.3.1.42.17 - 2013-06-03 (July 2009)

Id	1.3.6.1.4.1.12559.11.10.1.3.1.42.17	Effective Date	2013-06-03 Other versions this id: <ul style="list-style-type: none"> ● epSOSUnknownInformation201711 - as of 2017-11-07 14:06:20
Status	● Draft	Version Label	July 2009
Name	epSOSUnknownInformation	Display Name	epSOSUnknownInformation
Description	Contents are under IP and only available to epSOS participants. Refer to epSOS for access		
Copyright	This artefact includes content from SNOMED Clinical Terms® (SNOMED CT®) which is copyright of the International Health Terminology Standards Development Organisation (IHTSDO). Implementers of these artefacts must have the appropriate SNOMED CT Affiliate license - for more information contact http://www.snomed.org/snomed-ct/getsnomed-ct or info@snomed.org .		

A valid code from the code system:

Code System Name	Code System Id	Code System Version
SNOMED-CT	2.16.840.1.113883.6.96	

6.1.105 ○ epSOSVaccine 1.3.6.1.4.1.12559.11.10.1.3.1.42.28 - 2013-06-03 (July 2009)

Id	1.3.6.1.4.1.12559.11.10.1.3.1.42.28	Effective Date	2013-06-03 Other versions this id: <ul style="list-style-type: none"> ● epSOSVaccine201711 - as of 2017-11-07 14:06:20
Status	● Draft	Version Label	July 2009
Name	epSOSVaccine	Display Name	epSOSVaccine
Description	Contents are under IP and only available to epSOS participants. Refer to epSOS for access		
Copyright	This artefact includes content from SNOMED Clinical Terms® (SNOMED CT®) which is copyright of the International Health Terminology Standards Development Organisation (IHTSDO). Implementers of these artefacts must have the appropriate SNOMED CT Affiliate license - for more information contact http://www.snomed.org/snomed-ct/getsnomed-ct or info@snomed.org .		


A valid code from the code system:

Code System Name	Code System Id	Code System Version

SNOMED-CT

2.16.840.1.113883.6.96





6.1.106 epSOSWHO-ATC 2.16.840.1.113883.3.1937.777.11.11.1 - 2013-06-03 (July 2009)

Id	2.16.840.1.113883.3.1937.777.11.11.1	Effective Date	2013-06-03
Status	 Draft	Version Label	July 2009
Name	epSOSWHO-ATC	Display Name	epSOSWHO-ATC

A valid code from the code system:

Code System Name	Code System Id	Code System Version
WHO ATC	2.16.840.1.113883.6.73	

6.1.107 x_ActClassDocumentEntryAct 2.16.840.1.113883.1.11.19599 - 2014-03-26 (DEFN=UV=VO=1360-20160323) (from repository: ad2bbr-)





Id	2.16.840.1.113883.1.11.19599  ad2bbr-	Effective Date	2014-03-26 Other versions this id: <ul style="list-style-type: none">  x_ActClassDocumentEntryActDEFN=UV=VO=1099-20110726 - as of 2011-07-26  ad2bbr-
Status	 Final	Version Label	DEFN=UV=VO=1360-20160323
Name	x_ActClassDocumentEntryAct	Display Name	x_ActClassDocumentEntryAct
Description	History description 2014-03-26: Lock all vaue sets untouched since 2014-03-26 to trackingId 2014T1_2014_03_26		
Source Code System	2.16.840.1.113883.5.6		

Level/ Type	Code	Display Name	Code System
0-L	ACCM	accommodation	2.16.840.1.113883.5.6
0-S	ACT	act	2.16.840.1.113883.5.6

0-L	CONS	consent	2.16.840.1.113883.5.6
0-L	CTTEVENT	clinical trial timepoint event	2.16.840.1.113883.5.6
0-L	INC	incident	2.16.840.1.113883.5.6
0-L	INFRM	inform	2.16.840.1.113883.5.6
0-S	PCPR	care provision	2.16.840.1.113883.5.6
0-L	REG	registration	2.16.840.1.113883.5.6
0-L	SPCTRT	specimen treatment	2.16.840.1.113883.5.6
0-L	TRNS	transportation	2.16.840.1.113883.5.6

Legenda: Type L=leaf, S=specializable, A=abstract, D=deprecated. NullFlavors to appear in @nullFlavor attribute instead of @code.

6.1.108 x_ActClassDocumentEntryAct 2.16.840.1.113883.1.11.19599 - 2011-07-26 (DEFN=UV=VO=1099-20110726) (from repository: ad2bbr-)







Id	2.16.840.1.113883.1.11.19599  ad2bbr-	Effective Date	2011-07-26 Other versions this id: <ul style="list-style-type: none">  x_ActClassDocumentEntryActDEFN=UV=VO=1360-20160323 - as of 2014-03-26  ad2bbr-
Status	 Final	Version Label	DEFN=UV=VO=1099-20110726
Name	x_ActClassDocumentEntryAct	Display Name	x_ActClassDocumentEntryAct
Source Code System	2.16.840.1.113883.5.6		

Level/ Type	Code	Display Name	Code System
0-L	ACCM	accommodation	2.16.840.1.113883.5.6
0-S	ACT	act	2.16.840.1.113883.5.6

0-L	CONS	consent	2.16.840.1.113883.5.6
0-L	CTTEVENT	clinical trial timepoint event	2.16.840.1.113883.5.6
0-L	INC	incident	2.16.840.1.113883.5.6
0-L	INFRM	inform	2.16.840.1.113883.5.6
0-S	PCPR	care provision	2.16.840.1.113883.5.6
0-L	REG	registration	2.16.840.1.113883.5.6
0-L	SPCTRT	specimen treatment	2.16.840.1.113883.5.6
0-L	TRNS	transportation	2.16.840.1.113883.5.6

Legenda: Type L=leaf, S=specializable, A=abstract, D=deprecated. NullFlavors to appear in @nullFlavor attribute instead of @code.

6.1.109 x_ActClassDocumentEntryOrganizer 2.16.840.1.113883.1.11.19598 - 2014-03-26 (DEFN=UV=VO=1360-20160323) (from repository: ad2bbr-)





Id	2.16.840.1.113883.1.11.19598  	Effective Date	2014-03-26 Other versions this id: <ul style="list-style-type: none">  x_ActClassDocumentEntryOrganizerDEFN=UV=VO=1099-20110726 - as of 2011-07-26  
Status	 Final	Version Label	DEFN=UV=VO=1360-20160323
Name	x_ActClassDocumentEntryOrganizer	Display Name	x_ActClassDocumentEntryOrganizer
Description	History description 2014-03-26: Lock all vaue sets untouched since 2014-03-26 to trackingId 2014T1_2014_03_26		
Source Code System	2.16.840.1.113883.5.6		

Level/ Type	Code	Display Name	Code System
0-L	BATTERY	battery	2.16.840.1.113883.5.6

0-L	CLUSTER	Cluster	2.16.840.1.113883.5.6
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Legenda: Type L=leaf, S=specializable, A=abstract, D=deprecated. NullFlavors to appear in @nullFlavor attribute instead of @code.




6.1.110 **x_ActClassDocumentEntryOrganizer 2.16.840.1.113883.1.11.19598 - 2011-07-26** (DEFN=UV=VO=1099-20110726) (from repository: ad2bbr-)


Id	2.16.840.1.113883.1.11.19598  ad2bbr-	Effective Date	2011-07-26 Other versions this id: <ul style="list-style-type: none">  x_ActClassDocumentEntryOrganizerDEFN=UV=VO=1360-20160323 - as of 2014-03-26  ad2bbr-
Status	 Final	Version Label	DEFN=UV=VO=1099-20110726
Name	x_ActClassDocumentEntryOrganizer	Display Name	x_ActClassDocumentEntryOrganizer
Source Code System	2.16.840.1.113883.5.6		

Level/ Type	Code	Display Name	Code System
0-L	BATTERY	battery	2.16.840.1.113883.5.6
0-L	CLUSTER	Cluster	2.16.840.1.113883.5.6

Legenda: Type L=leaf, S=specializable, A=abstract, D=deprecated. NullFlavors to appear in @nullFlavor attribute instead of @code.

6.1.111 **x_ActMoodDocumentObservation 2.16.840.1.113883.1.11.18943 - 2014-03-26** (DEFN=UV=VO=1360-20160323) (from repository: ad2bbr-)




Id	2.16.840.1.113883.1.11.18943  ad2bbr-	Effective Date	2014-03-26 Other versions this id: <ul style="list-style-type: none">  x_ActMoodDocumentObservationDEFN=UV=VO=1099-20110726 - as of 2011-07-26  ad2bbr-
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Status	 Final	Version Label	DEFN=UV=VO=1360-20160323
Name	x_ActMoodDocumentObservation	Display Name	x_ActMoodDocumentObservation
Description	<p>History description 2014-03-26: Lock all vaue sets untouched since 2014-03-26 to trackingId 2014T1_2014_03_26</p> <p>description:</p> <p>Used to enumerate the moods that an observation can take within the body of a clinical document.</p>		
Source Code System	2.16.840.1.113883.5.1001		

Level/ Type	Code	Display Name	Code System
0-L	DEF	definition	2.16.840.1.113883.5.1001
0-L	EVN	event (occurrence)	2.16.840.1.113883.5.1001
0-L	GOL	Goal	2.16.840.1.113883.5.1001
0-S	INT	intent	2.16.840.1.113883.5.1001
0-S	PRMS	promise	2.16.840.1.113883.5.1001
0-S	PRP	proposal	2.16.840.1.113883.5.1001
0-L	RQO	request	2.16.840.1.113883.5.1001

Legenda: Type L=leaf, S=specializable, A=abstract, D=deprecated. NullFlavors to appear in @nullFlavor attribute instead of @code.

6.1.112 x_ActMoodDocumentObservation 2.16.840.1.113883.1.11.18943 - 2011-07-26 (DEFN=UV=VO=1099-20110726) (from repository: ad2bbr-)

Id	2.16.840.1.113883.1.11.18943  ad2bbr-	Effective Date	2011-07-26 Other versions this id: <ul style="list-style-type: none">  x_ActMoodDocumentObservationDEFN=UV=VO=1360-20160323 - as of 2014-03-26  ad2bbr-
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Status	 Final	Version Label	DEFN=UV=VO=1099-20110726
Name	x_ActMoodDocumentObservation	Display Name	x_ActMoodDocumentObservation
Description	<p>description:</p> <p>Used to enumerate the moods that an observation can take within the body of a clinical document.</p>		
Source Code System	2.16.840.1.113883.5.1001		

Level/ Type	Code	Display Name	Code System
0-L	DEF	definition	2.16.840.1.113883.5.1001
0-L	EVN	event (occurrence)	2.16.840.1.113883.5.1001
0-L	GOL	Goal	2.16.840.1.113883.5.1001
0-S	INT	intent	2.16.840.1.113883.5.1001
0-S	PRMS	promise	2.16.840.1.113883.5.1001
0-S	PRP	proposal	2.16.840.1.113883.5.1001
0-L	RQO	request	2.16.840.1.113883.5.1001

Legenda: Type L=leaf, S=specializable, A=abstract, D=deprecated. NullFlavors to appear in @nullFlavor attribute instead of @code.

6.1.113 x_ActRelationshipDocument 2.16.840.1.113883.1.11.11610 - 2014-03-26 (DEFN=UV=VO=1360-20160323) (from repository: ad2bbr-)

Id	2.16.840.1.113883.1.11.11610  	Effective Date	2014-03-26 Other versions this id: <ul style="list-style-type: none">  x_ActRelationshipDocumentDEFN=UV=VO=1099-20110726 - as of 2011-07-26  
Status	 Final	Version Label	DEFN=UV=VO=1360-20160323
Name	x_ActRelationshipDocument	Display Name	x_ActRelationshipDocument

Description	History description 2014-03-26: Lock all vaue sets untouched since 2014-03-26 to trackingId 2014T1_2014_03_26 description: Used to enumerate the relationships between two clinical documents for document management.		
Source Code System	2.16.840.1.113883.5.1002		
Level/ Type	Code	Display Name	Code System
0-L	APND	is appendage	2.16.840.1.113883.5.1002
0-L	RPLC	replaces	2.16.840.1.113883.5.1002
0-L	XFRM	transformation	2.16.840.1.113883.5.1002

Legenda: Type L=leaf, S=specializable, A=abstract, D=deprecated. NullFlavors to appear in @nullFlavor attribute instead of @code.


6.1.114 ○ x_ActRelationshipDocument 2.16.840.1.113883.1.11.11610 - 2011-07-26 (DEFN=UV=VO=1099-20110726) ref (from repository: ad2bbr-)

Id	2.16.840.1.113883.1.11.11610 ref ad2bbr-	Effective Date	2011-07-26 Other versions this id: <ul style="list-style-type: none"> ● x_ActRelationshipDocumentDEFN=UV=VO=1360-20160323 - as of 2014-03-26 ref ad2bbr-
Status	● Final	Version Label	DEFN=UV=VO=1099-20110726
Name	x_ActRelationshipDocument	Display Name	x_ActRelationshipDocument
Description	description: Used to enumerate the relationships between two clinical documents for document management.		
Source Code System	2.16.840.1.113883.5.1002		
Level/ Type	Code	Display Name	Code System

0-L	APND	is appendage	2.16.840.1.113883.5.1002
0-L	RPLC	replaces	2.16.840.1.113883.5.1002
0-L	XFRM	transformation	2.16.840.1.113883.5.1002

Legenda: Type L=leaf, S=specializable, A=abstract, D=deprecated. NullFlavors to appear in @nullFlavor attribute instead of @code.





6.1.115 x_ActRelationshipEntry 2.16.840.1.113883.1.11.19446 - 2014-03-26 (DEFN=UV=VO=1360-20160323) (from repository: ad2bbr-)

Id	2.16.840.1.113883.1.11.19446  ad2bbr-	Effective Date	2014-03-26 Other versions this id: <ul style="list-style-type: none">  x_ActRelationshipEntryDEFN=UV=VO=1099-20110726 - as of 2011-07-26  ad2bbr-
Status	 Final	Version Label	DEFN=UV=VO=1360-20160323
Name	x_ActRelationshipEntry	Display Name	x_ActRelationshipEntry
Description	<p>History description 2014-03-26: Lock all vaue sets untouched since 2014-03-26 to trackingId 2014T1_2014_03_26</p> <p>description: Used to enumerate the relationships between a CDA section and its contained entries.</p>		
Source Code System	2.16.840.1.113883.5.1002		

Level/ Type	Code	Display Name	Code System
0-S	COMP	has component	2.16.840.1.113883.5.1002
0-L	DRIV	is derived from	2.16.840.1.113883.5.1002

Legenda: Type L=leaf, S=specializable, A=abstract, D=deprecated. NullFlavors to appear in @nullFlavor attribute instead of @code.

6.1.116 x_ActRelationshipEntry 2.16.840.1.113883.1.11.19446 - 2011-07-26 (DEFN=UV=VO=1099-20110726) (from repository: ad2bbr-)

Id	2.16.840.1.113883.1.11.19446  ad2bbr-	Effective Date	2011-07-26 Other versions this id: <ul style="list-style-type: none">  x_ActRelationshipEntryDEFN=UV=VO=1360-20160323 - as of 2014-03-26  ad2bbr-
Status	 Final	Version Label	DEFN=UV=VO=1099-20110726
Name	x_ActRelationshipEntry	Display Name	x_ActRelationshipEntry
Description	description: Used to enumerate the relationships between a CDA section and its contained entries.		
Source Code System	2.16.840.1.113883.5.1002		
Level/ Type	Code	Display Name	Code System
0-S	COMP	has component	2.16.840.1.113883.5.1002
0-L	DRIV	is derived from	2.16.840.1.113883.5.1002

Legenda: Type L=leaf, S=specializable, A=abstract, D=deprecated. NullFlavors to appear in @nullFlavor attribute instead of @code.

6.1.117 x_ActRelationshipExternalReference 2.16.840.1.113883.1.11.19000 - 2014-03-26 (DEFN=UV=VO=1360-20160323) (from repository: ad2bbr-)

Id	2.16.840.1.113883.1.11.19000  ad2bbr-	Effective Date	2014-03-26 Other versions this id: <ul style="list-style-type: none">  x_ActRelationshipExternalReferenceDEFN=UV=VO=1099-20110726 - as of 2011-07-26  ad2bbr-
Status	 Final	Version Label	DEFN=UV=VO=1360-20160323

Name	x_ActRelationshipExternalReference	Display Name	x_ActRelationshipExternalReference
Description	<p>History description 2014-03-26: Lock all vaue sets untouched since 2014-03-26 to trackingId 2014T1_2014_03_26</p> <p>description:</p> <p>Used to enumerate the relationships between a CDA entry and an externally referenced act.</p>		
Source Code System	2.16.840.1.113883.5.1002		
Level/ Type	Code	Display Name	Code System
0-L	ELNK	episodeLink	2.16.840.1.113883.5.1002
0-S	REFR	refers to	2.16.840.1.113883.5.1002
0-L	RPLC	replaces	2.16.840.1.113883.5.1002
0-S	SPRT	has support	2.16.840.1.113883.5.1002
0-S	SUBJ	has subject	2.16.840.1.113883.5.1002
0-S	XCRPT	Excerpts	2.16.840.1.113883.5.1002

Legenda: Type L=leaf, S=specializable, A=abstract, D=deprecated. NullFlavors to appear in @nullFlavor attribute instead of @code.

6.1.118 ○ x_ActRelationshipExternalReference 2.16.840.1.113883.1.11.19000 - 2011-07-26 (DEFN=UV=VO=1099-20110726) ref (from repository: ad2bbr-)

Id	2.16.840.1.113883.1.11.19000 ref ad2bbr-	Effective Date	2011-07-26 Other versions this id: <ul style="list-style-type: none"> ● x_ActRelationshipExternalReferenceDEFN=UV=VO=1360-20160323 - as of 2014-03-26 ref ad2bbr-
Status	● Final	Version Label	DEFN=UV=VO=1099-20110726
Name	x_ActRelationshipExternalReference	Display Name	x_ActRelationshipExternalReference
Description	description:		

	Used to enumerate the relationships between a CDA entry and an externally referenced act.		
Source Code System	2.16.840.1.113883.5.1002		
Level/ Type	Code	Display Name	Code System
0-L	ELNK	episodeLink	2.16.840.1.113883.5.1002
0-S	REFR	refers to	2.16.840.1.113883.5.1002
0-L	RPLC	replaces	2.16.840.1.113883.5.1002
0-S	SPRT	has support	2.16.840.1.113883.5.1002
0-L	SUBJ	has subject	2.16.840.1.113883.5.1002
0-S	XCRPT	Excerpts	2.16.840.1.113883.5.1002

Legenda: Type L=leaf, S=specializable, A=abstract, D=deprecated. NullFlavors to appear in @nullFlavor attribute instead of @code.



6.1.119 ○ **x_BasicConfidentialityKind 2.16.840.1.113883.1.11.16926 - 2014-03-26**
(DEFN=UV=VO=1360-20160323) ref **(from repository: ad2bbr-)**

Id	2.16.840.1.113883.1.11.16926 ref ad2bbr-	Effective Date	2014-03-26 Other versions this id: <ul style="list-style-type: none"> ▪ ● x_BasicConfidentialityKindDEFN=UV=VO=1150-20120331 - as of 2012-03-31 ref ad2bbr- ▪ ● x_BasicConfidentialityKindDEFN=UV=VO=1099-20110726 - as of 2011-07-26 ref ad2bbr-
Status	● Final	Version Label	DEFN=UV=VO=1360-20160323
Name	x_BasicConfidentialityKind	Display Name	x_BasicConfidentialityKind





Description	<p>History description 2014-03-26: Lock all vaue sets untouched since 2014-03-26 to trackingId 2014T1_2014_03_26</p> <p>description:</p> <p>Description: Used to enumerate the typical confidentiality constraints placed upon a clinical document.</p> <p><i>Usage Note:</i> x_BasicConfidentialityKind is a subset of Confidentiality codes that are used as metadata indicating the receiver responsibility to comply with normally applicable jurisdictional privacy law or disclosure authorization; that the receiver may not disclose this information except as directed by the information custodian, who may be the information subject; or that the receiver may not disclose this information except as directed by the information custodian, who may be the information subject.</p>		
Source Code System	2.16.840.1.113883.5.25		
Level/ Type	Code	Display Name	Code System
0-L	N	normal	2.16.840.1.113883.5.25
0-L	R	restricted	2.16.840.1.113883.5.25
0-L	V	very restricted	2.16.840.1.113883.5.25

Legenda: Type L=leaf, S=specializable, A=abstract, D=deprecated. NullFlavors to appear in @nullFlavor attribute instead of @code.

6.1.120 x_BasicConfidentialityKind 2.16.840.1.113883.1.11.16926 - 2012-03-31 (DEFN=UV=VO=1150-20120331) (from repository: ad2bbr-)

Id	2.16.840.1.113883.1.11.16926  ad2bbr-	Effective Date	2012-03-31
Status	 Final	Version Label	DEFN=UV=VO=1150-20120331
Name	x_BasicConfidentialityKind	Display Name	x_BasicConfidentialityKind







Other versions this id:

-  x_BasicConfidentialityKindDEFN=UV=VO=1360-20160323 - as of 2014-03-26  ad2bbr-
-  x_BasicConfidentialityKindDEFN=UV=VO=1099-20110726 - as of 2011-07-26  ad2bbr-

Description	<p>description:</p> <p>Description: Used to enumerate the typical confidentiality constraints placed upon a clinical document.</p> <p><i>Usage Note:</i> x_BasicConfidentialityKind is a subset of Confidentiality codes that are used as metadata indicating the receiver responsibility to comply with normally applicable jurisdictional privacy law or disclosure authorization; that the receiver may not disclose this information except as directed by the information custodian, who may be the information subject; or that the receiver may not disclose this information except as directed by the information custodian, who may be the information subject.</p>		
Source Code System	2.16.840.1.113883.5.25		
Level/ Type	Code	Display Name	Code System
0-L	N	normal	2.16.840.1.113883.5.25
0-L	R	restricted	2.16.840.1.113883.5.25
0-L	V	very restricted	2.16.840.1.113883.5.25

Legenda: Type L=leaf, S=specializable, A=abstract, D=deprecated. NullFlavors to appear in @nullFlavor attribute instead of @code.

6.1.121 x_BasicConfidentialityKind 2.16.840.1.113883.1.11.16926 - 2011-07-26 (DEFN=UV=VO=1099-20110726) (from repository: ad2bbr-)

Id	2.16.840.1.113883.1.11.16926  ad2bbr-	Effective Date	2011-07-26 Other versions this id: <ul style="list-style-type: none">  x_BasicConfidentialityKindDEFN=UV=VO=1360-20160323 - as of 2014-03-26  ad2bbr-  x_BasicConfidentialityKindDEFN=UV=VO=1150-20120331 - as of 2012-03-31  ad2bbr-
Status	 Final	Version Label	DEFN=UV=VO=1099-20110726
Name	x_BasicConfidentialityKind	Display Name	x_BasicConfidentialityKind
Description	description:		

	Used to enumerate the typical confidentiality constraints placed upon a clinical document.		
Source Code System	2.16.840.1.113883.5.25		
Level/ Type	Code	Display Name	Code System
0-L	N	normal	2.16.840.1.113883.5.25
0-L	R	restricted	2.16.840.1.113883.5.25
0-L	V	very restricted	2.16.840.1.113883.5.25

Legenda: Type L=leaf, S=specializable, A=abstract, D=deprecated. NullFlavors to appear in @nullFlavor attribute instead of @code.





6.1.122 ○ x_DocumentActMood 2.16.840.1.113883.1.11.19458 - 2014-03-26 (DEFN=UV=VO=1360-20160323) ref (from repository: ad2bbr-)

Id	2.16.840.1.113883.1.11.19458 <small>ref ad2bbr-</small>	Effective Date	2014-03-26 Other versions this id: <ul style="list-style-type: none"> ● x_DocumentActMoodDEFN=UV=VO=1099-20110726 - as of 2011-07-26 <small>ref ad2bbr-</small>
Status	● Final	Version Label	DEFN=UV=VO=1360-20160323
Name	x_DocumentActMood	Display Name	x_DocumentActMood
Description	<p>History description 2014-03-26: Lock all vaue sets untouched since 2014-03-26 to trackingId 2014T1_2014_03_26</p> <p>description:</p> <p>Used to enumerate the moods that an act can take within the body of a clinical document.</p>		
Source Code System	2.16.840.1.113883.5.1001		
Level/ Type	Code	Display Name	Code System
0-L	APT	appointment	2.16.840.1.113883.5.1001

0-L	ARQ	appointment request	2.16.840.1.113883.5.1001
0-L	DEF	definition	2.16.840.1.113883.5.1001
0-L	EVN	event (occurrence)	2.16.840.1.113883.5.1001
0-S	INT	intent	2.16.840.1.113883.5.1001
0-S	PRMS	promise	2.16.840.1.113883.5.1001
0-S	PRP	proposal	2.16.840.1.113883.5.1001
0-L	RQO	request	2.16.840.1.113883.5.1001

Legenda: Type L=leaf, S=specializable, A=abstract, D=deprecated. NullFlavors to appear in @nullFlavor attribute instead of @code.

6.1.123 x_DocumentActMood 2.16.840.1.113883.1.11.19458 - 2011-07-26 (DEFN=UV=VO=1099-20110726) (from repository: ad2bbr-)

Id	2.16.840.1.113883.1.11.19458  ad2bbr-	Effective Date	2011-07-26 Other versions this id: <ul style="list-style-type: none">  x_DocumentActMoodDEFN=UV=VO=1360-20160323 - as of 2014-03-26  ad2bbr-
Status	 Final	Version Label	DEFN=UV=VO=1099-20110726
Name	x_DocumentActMood	Display Name	x_DocumentActMood
Description	description: Used to enumerate the moods that an act can take within the body of a clinical document.		
Source Code System	2.16.840.1.113883.5.1001		

Level/ Type	Code	Display Name	Code System
0-L	APT	appointment	2.16.840.1.113883.5.1001

0-L	ARQ	appointment request	2.16.840.1.113883.5.1001
0-L	DEF	definition	2.16.840.1.113883.5.1001
0-L	EVN	event (occurrence)	2.16.840.1.113883.5.1001
0-S	INT	intent	2.16.840.1.113883.5.1001
0-S	PRMS	promise	2.16.840.1.113883.5.1001
0-S	PRP	proposal	2.16.840.1.113883.5.1001
0-L	RQO	request	2.16.840.1.113883.5.1001

Legenda: Type L=leaf, S=specializable, A=abstract, D=deprecated. NullFlavors to appear in @nullFlavor attribute instead of @code.

6.1.124 ○ x_DocumentEncounterMood 2.16.840.1.113883.1.11.19459 - 2014-03-26 (DEFN=UV=VO=1360-20160323) ref (from repository: ad2bbr-)

Id	2.16.840.1.113883.1.11.19459 ref ad2bbr-	Effective Date	2014-03-26 Other versions this id: <ul style="list-style-type: none"> ● x_DocumentEncounterMoodDEFN=UV=VO=1099-20110726 - as of 2011-07-26 ref ad2bbr-
Status	● Final	Version Label	DEFN=UV=VO=1360-20160323
Name	x_DocumentEncounterMood	Display Name	x_DocumentEncounterMood
Description	<p>History description 2014-03-26: Lock all vau e sets untouched since 2014-03-26 to trackingId 2014T1_2014_03_26</p> <p>description: Used to enumerate the moods that an encounter can take within the body of a clinical document.</p>		
Source Code System	2.16.840.1.113883.5.1001		

Level/ Type	Code	Display Name	Code System
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0-L	APT	appointment	2.16.840.1.113883.5.1001
0-L	ARQ	appointment request	2.16.840.1.113883.5.1001
0-L	EVN	event (occurrence)	2.16.840.1.113883.5.1001
0-S	INT	intent	2.16.840.1.113883.5.1001
0-S	PRMS	promise	2.16.840.1.113883.5.1001
0-S	PRP	proposal	2.16.840.1.113883.5.1001
0-L	RQO	request	2.16.840.1.113883.5.1001

Legenda: Type L=leaf, S=specializable, A=abstract, D=deprecated. NullFlavors to appear in @nullFlavor attribute instead of @code.

6.1.125 ○ x_DocumentEncounterMood 2.16.840.1.113883.1.11.19459 - 2011-07-26 (DEFN=UV=VO=1099-20110726) ref (from repository: ad2bbr-)



Id	2.16.840.1.113883.1.11.19459 ref ad2bbr-	Effective Date	2011-07-26 Other versions this id: <ul style="list-style-type: none"> ● x_DocumentEncounterMoodDEFN=UV=VO=1360-20160323 - as of 2014-03-26 ref ad2bbr-
Status	● Final	Version Label	DEFN=UV=VO=1099-20110726
Name	x_DocumentEncounterMood	Display Name	x_DocumentEncounterMood
Description	description: Used to enumerate the moods that an encounter can take within the body of a clinical document.		
Source Code System	2.16.840.1.113883.5.1001		

Level/ Type	Code	Display Name	Code System
0-L	APT	appointment	2.16.840.1.113883.5.1001

0-L	ARQ	appointment request	2.16.840.1.113883.5.1001
0-L	EVN	event (occurrence)	2.16.840.1.113883.5.1001
0-S	INT	intent	2.16.840.1.113883.5.1001
0-S	PRMS	promise	2.16.840.1.113883.5.1001
0-S	PRP	proposal	2.16.840.1.113883.5.1001
0-L	RQO	request	2.16.840.1.113883.5.1001

Legenda: Type L=leaf, S=specializable, A=abstract, D=deprecated. NullFlavors to appear in @nullFlavor attribute instead of @code.





6.1.126 ○ x_DocumentProcedureMood 2.16.840.1.113883.1.11.19460 - 2014-03-26 (DEFN=UV=VO=1360-20160323) ref (from repository: ad2bbr-)

Id	2.16.840.1.113883.1.11.19460 ref ad2bbr-	Effective Date	2014-03-26 Other versions this id: <ul style="list-style-type: none">  x_DocumentProcedureMoodDEFN=UV=VO=1099-20110726 - as of 2011-07-26 ref ad2bbr-
Status	 Final	Version Label	DEFN=UV=VO=1360-20160323
Name	x_DocumentProcedureMood	Display Name	x_DocumentProcedureMood
Description	<p>History description 2014-03-26: Lock all vaue sets untouched since 2014-03-26 to trackingId 2014T1_2014_03_26</p> <p>description: Used to enumerate the moods that a procedure can take within the body of a clinical document.</p>		
Source Code System	2.16.840.1.113883.5.1001		
Level/ Type	Code	Display Name	Code System
0-L	APT	appointment	2.16.840.1.113883.5.1001

0-L	ARQ	appointment request	2.16.840.1.113883.5.1001
0-L	DEF	definition	2.16.840.1.113883.5.1001
0-L	EVN	event (occurrence)	2.16.840.1.113883.5.1001
0-S	INT	intent	2.16.840.1.113883.5.1001
0-S	PRMS	promise	2.16.840.1.113883.5.1001
0-S	PRP	proposal	2.16.840.1.113883.5.1001
0-L	RQO	request	2.16.840.1.113883.5.1001

Legenda: Type L=leaf, S=specializable, A=abstract, D=deprecated. NullFlavors to appear in @nullFlavor attribute instead of @code.

6.1.127 x_DocumentProcedureMood 2.16.840.1.113883.1.11.19460 - 2011-07-26 (DEFN=UV=VO=1099-20110726) (from repository: ad2bbr-)

Id	2.16.840.1.113883.1.11.19460  ad2bbr-	Effective Date	2011-07-26 Other versions this id: <ul style="list-style-type: none">  x_DocumentProcedureMoodDEFN=UV=VO=1360-20160323 - as of 2014-03-26  ad2bbr-
Status	 Final	Version Label	DEFN=UV=VO=1099-20110726
Name	x_DocumentProcedureMood	Display Name	x_DocumentProcedureMood
Description	description: Used to enumerate the moods that a procedure can take within the body of a clinical document.		
Source Code System	2.16.840.1.113883.5.1001		

Level/ Type	Code	Display Name	Code System
0-L	APT	appointment	2.16.840.1.113883.5.1001

0-L	ARQ	appointment request	2.16.840.1.113883.5.1001
0-L	DEF	definition	2.16.840.1.113883.5.1001
0-L	EVN	event (occurrence)	2.16.840.1.113883.5.1001
0-S	INT	intent	2.16.840.1.113883.5.1001
0-S	PRMS	promise	2.16.840.1.113883.5.1001
0-S	PRP	proposal	2.16.840.1.113883.5.1001
0-L	RQO	request	2.16.840.1.113883.5.1001

Legenda: Type L=leaf, S=specializable, A=abstract, D=deprecated. NullFlavors to appear in @nullFlavor attribute instead of @code.





6.1.128 ○ x_DocumentSubject 2.16.840.1.113883.1.11.19368 - 2014-03-26 (DEFN=UV=VO=1360-20160323) ref ad2bbr- (from repository: ad2bbr-)

Id	2.16.840.1.113883.1.11.19368 ref ad2bbr-	Effective Date	2014-03-26 Other versions this id: <ul style="list-style-type: none"> ○ x_DocumentSubjectDEFN=UV=VO=1099-20110726 - as of 2011-07-26 ref ad2bbr-
Status	○ Final	Version Label	DEFN=UV=VO=1360-20160323
Name	x_DocumentSubject	Display Name	x_DocumentSubject
Description	History description 2014-03-26: Lock all vaue sets untouched since 2014-03-26 to trackingId 2014T1_2014_03_26		
Source Code System	2.16.840.1.113883.5.110		

Level/ Type	Code	Display Name	Code System
0-L	PAT	patient	2.16.840.1.113883.5.110
0-L	PRS	personal relationship	2.16.840.1.113883.5.110

Legenda: Type L=leaf, S=specializable, A=abstract, D=deprecated. NullFlavors to appear in @nullFlavor attribute instead of @code.


6.1.129 **x_DocumentSubject 2.16.840.1.113883.1.11.19368 - 2011-07-26** (DEFN=UV=VO=1099-20110726) (from repository: ad2bbr-)

Id	2.16.840.1.113883.1.11.19368  ad2bbr-	Effective Date	2011-07-26 Other versions this id: <ul style="list-style-type: none">  x_DocumentSubjectDEFN=UV=VO=1360-20160323 - as of 2014-03-26  ad2bbr-
Status	 Final	Version Label	DEFN=UV=VO=1099-20110726
Name	x_DocumentSubject	Display Name	x_DocumentSubject
Source Code System	2.16.840.1.113883.5.110		

Level/ Type	Code	Display Name	Code System
0-L	PAT	patient	2.16.840.1.113883.5.110
0-L	PRS	personal relationship	2.16.840.1.113883.5.110

Legenda: Type L=leaf, S=specializable, A=abstract, D=deprecated. NullFlavors to appear in @nullFlavor attribute instead of @code.





6.1.130 **x_DocumentSubstanceMood 2.16.840.1.113883.1.11.19461 - 2014-03-26** (DEFN=UV=VO=1360-20160323) (from repository: ad2bbr-)

Id	2.16.840.1.113883.1.11.19461  ad2bbr-	Effective Date	2014-03-26 Other versions this id: <ul style="list-style-type: none">  x_DocumentSubstanceMoodDEFN=UV=VO=1099-20110726 - as of 2011-07-26  ad2bbr-
Status	 Final	Version Label	DEFN=UV=VO=1360-20160323
Name	x_DocumentSubstanceMood	Display Name	x_DocumentSubstanceMood

Description	History description 2014-03-26: Lock all vaue sets untouched since 2014-03-26 to trackingId 2014T1_2014_03_26 description: Used to enumerate the moods that a substance administration can take within the body of a clinical document.		
Source Code System	2.16.840.1.113883.5.1001		
Level/ Type	Code	Display Name	Code System
0-L	EVN	event (occurrence)	2.16.840.1.113883.5.1001
0-S	INT	intent	2.16.840.1.113883.5.1001
0-S	PRMS	promise	2.16.840.1.113883.5.1001
0-S	PRP	proposal	2.16.840.1.113883.5.1001
0-L	RQO	request	2.16.840.1.113883.5.1001

Legenda: Type L=leaf, S=specializable, A=abstract, D=deprecated. NullFlavors to appear in @nullFlavor attribute instead of @code.





6.1.131 x_DocumentSubstanceMood 2.16.840.1.113883.1.11.19461 - 2011-07-26 (DEFN=UV=VO=1099-20110726) (from repository: ad2bbr-)

Id	2.16.840.1.113883.1.11.19461  ad2bbr-	Effective Date	2011-07-26 Other versions this id: <ul style="list-style-type: none">  x_DocumentSubstanceMoodDEFN=UV=VO=1360-20160323 - as of 2014-03-26  ad2bbr-
Status	 Final	Version Label	DEFN=UV=VO=1099-20110726
Name	x_DocumentSubstanceMood	Display Name	x_DocumentSubstanceMood
Description	description: Used to enumerate the moods that a substance administration can take within the body of a clinical document.		

Source Code System		2.16.840.1.113883.5.1001	
Level/ Type	Code	Display Name	Code System
0-L	EVN	event (occurrence)	2.16.840.1.113883.5.1001
0-S	INT	intent	2.16.840.1.113883.5.1001
0-S	PRMS	promise	2.16.840.1.113883.5.1001
0-S	PRP	proposal	2.16.840.1.113883.5.1001
0-L	RQO	request	2.16.840.1.113883.5.1001

Legenda: Type L=leaf, S=specializable, A=abstract, D=deprecated. NullFlavors to appear in @nullFlavor attribute instead of @code.





6.1.132 x_EncounterParticipant 2.16.840.1.113883.1.11.19600 - 2014-03-26 (DEFN=UV=VO=1360-20160323) (from repository: ad2bbr-)

Id	2.16.840.1.113883.1.11.19600  ad2bbr-	Effective Date	2014-03-26 Other versions this id: <ul style="list-style-type: none">  x_EncounterParticipantDEFN=UV=VO=1099-20110726 - as of 2011-07-26  ad2bbr-
Status	 Final	Version Label	DEFN=UV=VO=1360-20160323
Name	x_EncounterParticipant	Display Name	x_EncounterParticipant
Description	<p>History description 2014-03-26: Lock all vaue sets untouched since 2014-03-26 to trackingId 2014T1_2014_03_26</p> <p>description: Clones using this x_domain should have a name "encounterParticipant".</p>		
Source Code System	2.16.840.1.113883.5.90		
Level/ Type	Code	Display Name	Code System

0-L	ADM	admitter	2.16.840.1.113883.5.90
0-L	ATND	attender	2.16.840.1.113883.5.90
0-L	CON	consultant	2.16.840.1.113883.5.90
0-L	DIS	discharger	2.16.840.1.113883.5.90
0-L	REF	referrer	2.16.840.1.113883.5.90

Legenda: Type L=leaf, S=specializable, A=abstract, D=deprecated. NullFlavors to appear in @nullFlavor attribute instead of @code.

6.1.133 x_EncounterParticipant 2.16.840.1.113883.1.11.19600 - 2011-07-26 (DEFN=UV=VO=1099-20110726) (from repository: ad2bbr-)





Id	2.16.840.1.113883.1.11.19600  ad2bbr-	Effective Date	2011-07-26 Other versions this id: <ul style="list-style-type: none">  x_EncounterParticipantDEFN=UV=VO=1360-20160323 - as of 2014-03-26  ad2bbr-
Status	 Final	Version Label	DEFN=UV=VO=1099-20110726
Name	x_EncounterParticipant	Display Name	x_EncounterParticipant
Description	description: Clones using this x_domain should have a name "encounterParticipant".		
Source Code System	2.16.840.1.113883.5.90		

Level/ Type	Code	Display Name	Code System
0-L	ADM	admitter	2.16.840.1.113883.5.90
0-L	ATND	attender	2.16.840.1.113883.5.90
0-L	CON	consultant	2.16.840.1.113883.5.90

0-L	DIS	discharger	2.16.840.1.113883.5.90
0-L	REF	referrer	2.16.840.1.113883.5.90





Legenda: Type L=leaf, S=specializable, A=abstract, D=deprecated. NullFlavors to appear in @nullFlavor attribute instead of @code.

6.1.134 ○ x_InformationRecipient 2.16.840.1.113883.1.11.19366 - 2014-03-26 (DEFN=UV=VO=1360-20160323) (from repository: ad2bbr-)

Id	2.16.840.1.113883.1.11.19366  ad2bbr-	Effective Date	2014-03-26 Other versions this id: <ul style="list-style-type: none">  x_InformationRecipientDEFN=UV=VO=1099-20110726 - as of 2011-07-26  ad2bbr-
Status	 Final	Version Label	DEFN=UV=VO=1360-20160323
Name	x_InformationRecipient	Display Name	x_InformationRecipient
Description	<p>History description 2014-03-26: Lock all vaue sets untouched since 2014-03-26 to trackingId 2014T1_2014_03_26</p> <p>description: Used to represent participant(s) who should receive a copy of a document.</p>		
Source Code System	2.16.840.1.113883.5.90		
Level/ Type	Code	Display Name	Code System
0-L	PRCP	primary information recipient	2.16.840.1.113883.5.90
0-L	TRC	tracker	2.16.840.1.113883.5.90

Legenda: Type L=leaf, S=specializable, A=abstract, D=deprecated. NullFlavors to appear in @nullFlavor attribute instead of @code.

6.1.135 x_InformationRecipient 2.16.840.1.113883.1.11.19366 - 2011-07-26 (DEFN=UV=VO=1099-20110726) (from repository: ad2bbr-)

Id	2.16.840.1.113883.1.11.19366  ad2bbr-	Effective Date	2011-07-26 Other versions this id: <ul style="list-style-type: none">  x_InformationRecipientDEFN=UV=VO=1360-20160323 - as of 2014-03-26  ad2bbr-
Status	 Final	Version Label	DEFN=UV=VO=1099-20110726
Name	x_InformationRecipient	Display Name	x_InformationRecipient
Description	description: Used to represent participant(s) who should receive a copy of a document.		
Source Code System	2.16.840.1.113883.5.90		
Level/ Type	Code	Display Name	Code System
0-L	PRCP	primary information recipient	2.16.840.1.113883.5.90
0-L	TRC	tracker	2.16.840.1.113883.5.90

Legenda: Type L=leaf, S=specializable, A=abstract, D=deprecated. NullFlavors to appear in @nullFlavor attribute instead of @code.





6.1.136 x_InformationRecipientRole 2.16.840.1.113883.1.11.16772 - 2014-03-26 (DEFN=UV=VO=1360-20160323) (from repository: ad2bbr-)

Id	2.16.840.1.113883.1.11.16772  ad2bbr-	Effective Date	2014-03-26 Other versions this id: <ul style="list-style-type: none">  x_InformationRecipientRoleDEFN=UV=VO=1099-20110726 - as of 2011-07-26  ad2bbr-
Status	 Final	Version Label	DEFN=UV=VO=1360-20160323

Name	x_InformationRecipientRole	Display Name	x_InformationRecipientRole
Description	<p>History description 2014-03-26: Lock all vaue sets untouched since 2014-03-26 to trackingId 2014T1_2014_03_26</p> <p>description:</p> <p>Used to represent the role(s) of those who should receive a copy of a document.</p>		
Source Code System	2.16.840.1.113883.5.110		
Level/ Type	Code	Display Name	Code System
0-S	ASSIGNED	assigned entity	2.16.840.1.113883.5.110
0-L	CAREGIVER	caregiver	2.16.840.1.113883.5.110
0-L	GUAR	guarantor GuarantorRole	2.16.840.1.113883.5.110
0-L	PROV	healthcare provider	2.16.840.1.113883.5.110
0-L	PRS	personal relationship	2.16.840.1.113883.5.110

Legenda: Type L=leaf, S=specializable, A=abstract, D=deprecated. NullFlavors to appear in @nullFlavor attribute instead of @code.





6.1.137 **x_InformationRecipientRole 2.16.840.1.113883.1.11.16772 - 2011-07-26 (DEFN=UV=VO=1099-20110726) (from repository: ad2bbr-)**

Id	2.16.840.1.113883.1.11.16772  ad2bbr-	Effective Date	2011-07-26 Other versions this id: <ul style="list-style-type: none">  x_InformationRecipientRoleDEFN=UV=VO=1360-20160323 - as of 2014-03-26  ad2bbr-
Status	 Final	Version Label	DEFN=UV=VO=1099-20110726
Name	x_InformationRecipientRole	Display Name	x_InformationRecipientRole
Description	description:		

	Used to represent the role(s) of those who should receive a copy of a document.		
Source Code System	2.16.840.1.113883.5.110		
Level/ Type	Code	Display Name	Code System
0-S	ASSIGNED	assigned entity	2.16.840.1.113883.5.110
0-L	HLTHCHRT	health chart	2.16.840.1.113883.5.110





Legenda: Type L=leaf, S=specializable, A=abstract, D=deprecated. NullFlavors to appear in @nullFlavor attribute instead of @code.

6.1.138 x_ServiceEventPerformer 2.16.840.1.113883.1.11.19601 - 2014-03-26 (DEFN=UV=VO=1360-20160323) (from repository: ad2bbr-)

Id	2.16.840.1.113883.1.11.19601  ad2bbr-	Effective Date	2014-03-26 Other versions this id: <ul style="list-style-type: none">  x_ServiceEventPerformerDEFN=UV=VO=1099-20110726 - as of 2011-07-26  ad2bbr-
Status	 Final	Version Label	DEFN=UV=VO=1360-20160323
Name	x_ServiceEventPerformer	Display Name	x_ServiceEventPerformer
Description	<p>History description 2014-03-26: Lock all vaue sets untouched since 2014-03-26 to trackingId 2014T1_2014_03_26</p> <p>description:</p> <p>Clones using this x_domain should have a name "performer".</p>		
Source Code System	2.16.840.1.113883.5.90		
Level/ Type	Code	Display Name	Code System
0-S	PRF	performer	2.16.840.1.113883.5.90
0-L	SPRF	secondary performer	2.16.840.1.113883.5.90

Legenda: Type L=leaf, S=specializable, A=abstract, D=deprecated. NullFlavors to appear in @nullFlavor attribute instead of @code.

6.1.139 ○ x_ServiceEventPerformer 2.16.840.1.113883.1.11.19601 - 2011-07-26 (DEFN=UV=VO=1099-20110726) (from repository: ad2bbr-)

Id	2.16.840.1.113883.1.11.19601  ad2bbr-	Effective Date	2011-07-26 Other versions this id: <ul style="list-style-type: none">  x_ServiceEventPerformerDEFN=UV=VO=1360-20160323 - as of 2014-03-26  ad2bbr-
Status	 Final	Version Label	DEFN=UV=VO=1099-20110726
Name	x_ServiceEventPerformer	Display Name	x_ServiceEventPerformer
Description	description: Clones using this x_domain should have a name "performer".		
Source Code System	2.16.840.1.113883.5.90		
Level/ Type	Code	Display Name	Code System
0-S	PRF	performer	2.16.840.1.113883.5.90
0-L	SPRF	secondary performer	2.16.840.1.113883.5.90


Legenda: Type L=leaf, S=specializable, A=abstract, D=deprecated. NullFlavors to appear in @nullFlavor attribute instead of @code.

7 Templates

7.1 Templates with direct association to a transaction

7.1.1 eHDSI-ePrescription PDF embedded 1.3.6.1.4.1.12559.11.10.1.3.1.1.6 - 2017-03-11 22:32:59

Direction	Underlying Model	Template name	Schematron
 back	ClinicalDocument	ePrescriptionL1	epsos-ePrescriptionL1.sch









Id	1.3.6.1.4.1.12559.11.10.1.3.1.1.6	Effective Date	2017-03-11 22:32:59
Status	 Active	Version Label	
Name	eHDSI-Original-eP	Display Name	eHDSI-ePrescription PDF embedded
Description			
<u>< DESCRIPTION TO BE UPDATED ></u>			
<u><i>Note for the readers</i></u>			
<i>This template version represents the best representation of the original epSOS/EXPAND specifications in ART DECOR. However the original epSOS/EXPAND specifications in Microsoft Word took the original IHE Templates and added constraints in written language. This actually is not best practice in electronic Template Design because the additional constraints are not assigned to the original IHE template but rather than that are text only constraints. In order to make everything computable new Template OIDs need to be assigned to the epSOS Templates in order to cover both, the original IHE Template Design and the additional constraints from epSOS in the text and represent them electronically.</i>			
<i>Caveat: for the above mentioned reasons this version cannot be used for (automatic) testing/validation purposes. It shall be used however as basis for refinement (repository)</i>			
<i>Note: there is a new version planned that covers all above and makes proper testing/validation possible</i>			

epSOS ePrescription Template

The implementers must be familiar with the context of the project, as it shall not be repeated in this document. The implementers must also be familiar with the content of the following documents:

- CDA Release 2.0 Normative Web Edition, May, 2005
- HL7 Implementation Guide: CDA Release 2 – Continuity of Care Document (CCD), HL7, April 1, 2007.
- Integrating the Healthcare Enterprise, Patient Care Coordination Technical Framework, Volume 1 and Volume 2- Revision 10, IHE International, November 4, 2014.
- Integrating the Healthcare Enterprise, Patient Care Coordination CDA Content Modules- Trial Implementation Supplement, December 3, 2014.
- HL7 Implementation Guide for CDA Release 2: History and Physical (H&P) Notes, HL7, July 16, 2008.
- .

It must also be noted that although the guidelines are based on the above documents, they contain specific developments particular to the project epSOS. This document can be used as a standalone to develop the syntax of the epSOS documents; however in order to achieve the full functionality of the epSOS Semantic Services, they are to be used within the context of the deliverable 3.9.1.




Context	Pathname /		
Classification	CDA Document Level Template		
Open/Closed	Open (other than defined elements are allowed)		
Used by / Uses	Used by 1 transaction and 0 templates, Uses 7 templates		
Used by	as	Name	Version
epsos-transactions-32	Transaction	 Return eP(PDF embedded) from country A	2017-11-21 10:26:49
Uses	as	Name	Version
2.16.840.1.113883.3.1937.777.11.10.110	Include	 epSOS CDA Id	DYNAMIC
2.16.840.1.113883.3.1937.777.11.10.108	Include	 epSOS CDA setId	DYNAMIC
2.16.840.1.113883.3.1937.777.11.10.100	Include	 epSOS CDA recordTarget	DYNAMIC
2.16.840.1.113883.3.1937.777.11.10.103	Include	 epSOS CDA author prescriber	DYNAMIC
2.16.840.1.113883.3.1937.777.11.10.104	Include	 epSOS CDA custodian	DYNAMIC
2.16.840.1.113883.3.1937.777.11.10.109	Include	 epSOS CDA legalAuthenticator	DYNAMIC
2.16.840.1.113883.3.1937.777.11.10.107	Include	 epSOS CDA relatedDocument	DYNAMIC

























There are open issues with this item:

- epsos-issue-230: *custodian org, see epsos-issue-219* (Open)
- epsos-issue-238: *Create scenario for this template* (Open)

Item	DT	Card	Conf	Description	Label	
h17:ClinicalDocument			R	CDA header	(eHD... -eP)	
└ h17:realmCode	CS	1 ... 1	M		(eHD... -eP)	
└ h17:typeId	II.EPSOS	1 ... 1	M	The clinical document typeId identifies the constraints imposed by CDA R2 on the content, essentially acting as a version identifier. The @root and @extension values of this element are specified as shown in the <i>example</i> below.	(eHD... -eP)	
└ @root	uid	1 ... 1	F	2.16.840.1.113883.1.3		
└ @extension	st	1 ... 1	F	POCD_HD000040		
	Example	<code><typeId extension="POCD_HD000040" root="2.16.840.1.113883.1.3"/></code>				
└ h17:templateId	II	1 ... 1	M	Template ID for eHDSI original ePrescription document.	(eHD... -eP)	
└ @root	uid	1 ... 1	F	1.3.6.1.4.1.12559.11.10.1.3.1.1.6		
<i>Included</i>		1 ... 1	M	from 2.16.840.1.113883.3.1937.777.11.10.110 <i>epSOS CDA Id</i> (DYNAMIC)		
└ h17:id		1 ... 1	M	The ClinicalDocument/id element is an instance identifier data type. The root attribute is an OID. If there is a value in @extension, then the root uniquely identifies the scope of the extension. If there is no value in @extension then @root SHALL uniquely identify the document UUIDs SHALL be represented in the form XXXXXXXX-XXXX-XXXX-XXXX-XXXXXXXXXXXX, where each X is a character from the set [A-Fa-f0-9].	R1.11.3	

Item	DT	Card	Conf	Description	Label
				OIDs SHALL be represented in dotted decimal notation, where each decimal number is either 0, or starts with a nonzero digit. More formally, an OID SHALL be in the form $((0-2)).([1-9][0-9]^*0)^+$.	
	 epsos-dataelement-176		 Identification	 epSOS Data Set	
	Example	<code><id extension="a621" root="2.16.840.1.113883.3.1937.777.11.9999"/></code>			
└ h17:code	CV.EPSOS	1 ... 1	M	Determines the document type "epSOS ePrescription"	R1.11.6
└ @displayName		1 ... 1	R		
└ @code		1 ... 1	F	57833-6	
└ @codeSystem		1 ... 1	F	2.16.840.1.113883.6.1 (LOINC)	
	Example	<code><code code="57833-6" codeSystem="2.16.840.1.113883.6.1" codeSystemName="LOINC" displayName="Prescription for medication Document"/></code>			
└ h17:title	ST	1 ... 1	M	ClinicalDocument/title is used for display purposes.	R1.11.7
	Example	<code><title>epSOS ePrescription Maria Bakker November 13, 2011</title></code>			
└ h17:effectiveTime	TS.EPSOS.TZ	1 ... 1	M	The element contains the date and time at which this document was created as an electronic document.	R1.11.1
	Example	<code><effectiveTime value="20111113125600+0200"/></code>			
└ h17:confidentialityCode	CE.EPSOS	1 ... 1	R	ClinicalDocument/confidentialityCode shall be present in accordance with the HL7 CDA R2 standard.	R1.11.8
	CONF	The value of @code shall be drawn from value set 1.3.6.1.4.1.12559.11.10.1.3.1.42.31 <i>epSOSConfidentiality</i> (DYNAMIC)			
	Example	<code><confidentialityCode code="N" codeSystem="2.16.840.1.113883.5.25"/></code>			
└ h17:languageCode	CS	1 ... 1	M	Document Language Code <ul style="list-style-type: none"> The language code SHALL be in the form nn-CC. 	R.11.10

Item	DT	Card	Conf	Description	Label
				<ul style="list-style-type: none"> The nn portion SHALL be an ISO-639-1 language code in lower case derived by the Value Set epSOSLanguage. The CC portion SHALL be an ISO-3166 country code in upper case derived by the value Set epSOSCountry 	
	Example	<languageCode code="en-GB"/>			
	Schematron assert	role		error	
		test		matches(@code,'[a-z]{2}-[A-Z]{2}')	
		Message		The language code SHALL be in the form nn-CC where nn is ISO-639-1 epSOSLanguage and CC is ISO-3166 epSOSCountry	
Included		0 ... 1		from 2.16.840.1.113883.3.1937.777.11.10.108 epSOS CDA setId (DYNAMIC)	
└ h17:setId		0 ... 1	R	<p>This attribute “represents an identifier that is common across all document revisions”.</p> <p>In the case of the NCP transcoding /translation this is the ID that remains unchanged among all the existing transformations.</p> <p>Implementers are recommended to use this attribute.</p>	(eHD...-eP)
└ h17:versionNumber		0 ... 1	R		(eHD...-eP)
Included		1 ... 1	M	from 2.16.840.1.113883.3.1937.777.11.10.100 epSOS CDA recordTarget (DYNAMIC)	
└ h17:recordTarget		1 ... 1	M		(eHD...-eP)
	epsos-dataelement-5 Patient Data epSOS Data Set				
└ @typeCode	cs	0 ... 1	F	RCT	
└ @contextControlCode	cs	0 ... 1	F	OP	
└ h17:patientRole		1 ... 1	M		(eHD...-eP)













Item	DT	Card	Conf	Description	Label
	 epsos-dataelement-26  Contact Information  epSOS Data Set				
└ @classCode	cs	0 ... 1	F	PAT	
└ h17:id	II.EPSOS	1 ... *	R	Patient Identifiers: Primary Patient Identifier (Regional/National Health Id), Secondary Patient Identifier (Social/Insurance Number)	R1.4 / R1.4.1 / R1.4.2
	 epsos-dataelement-235  Other Identifier  epSOS Data Set				
	epsos-dataelement-7  National Health Care patient ID (country of affiliation)  epSOS Data Set				
	epsos-dataelement-234  National Health Care patient ID (country of treatment)  epSOS Data Set				
	epsos-dataelement-6  Identification  epSOS Data Set				
└ h17:addr	AD.EPSOS	1 ... 1	R	The patient address element is required. If there is no information, the nullFlavor attribute shall have a value of 'NI' and no address parts shall be present, otherwise there shall be no nullFlavor attribute, and at least one of the address parts listed below shall be present.	R1.5
	 epsos-dataelement-27  Address  epSOS Data Set				
└ @nullFlavor	cs	0 ... 1	F	NI	
└ h17:streetAddressLine		0 ... *	R	Patient's Number of Street/Patient's Number of Street	R1.5.1 / R1.5.2
	 epsos-dataelement-51  Street  epSOS Data Set				
	epsos-dataelement-52  Number of Street  epSOS Data Set				
└ h17:city		0 ... 1	R	Patient's City	R1.5.3
	 epsos-dataelement-55  City  epSOS Data Set				





Item	DT	Card	Conf	Description	Label
└ h17:postalCode		0 ... 1	R	Patient's Postal Code	R1.5.4
<div style="display: flex; justify-content: space-between; align-items: center;"> 🎯 epsos-dataelement-53 🟡 Postal Code 🟡 epSOS Data Set </div>					
└ h17:state		0 ... 1	R	Patient's State or Province	R1.5.5
<div style="display: flex; justify-content: space-between; align-items: center;"> 🎯 epsos-dataelement-56 🟡 State or Province 🟡 epSOS Data Set </div>					
└ h17:country		0 ... 1	R	Patient's Country. When used addr.country it is always bound to the epSOSCountry value set	R1.5.6
<div style="display: flex; justify-content: space-between; align-items: center;"> 🎯 epsos-dataelement-54 🟡 Country 🟡 epSOS Data Set </div>					
		<div style="border: 1px solid gray; padding: 2px;">CONF</div> The value of @code shall be drawn from value set 1.3.6.1.4.1.12559.11.10.1.3.1.42.4 <i>epSOSCountry</i> (DYNAMIC)			
└ h17:telecom	TEL	1 ... *	R	Patient's telephone number / Patient e-mail address. The patient telephone or e-mail element is required. If there is no information, the nullFlavor attribute shall have a value of 'NI' and the "value" and "use" attributes shall be omitted, otherwise the nullFlavor attribute shall not be present, and the "value" and "use" attributes shall be present. Optionalities and Cardinalities of the following two items shall be interpreted according to this rule: e.g. is not expected to have two nullFlavored telecom elements.	R1.6.1 / R1.6.2
<div style="display: flex; justify-content: space-between; align-items: center;"> 🎯 epsos-dataelement-28 🟡 Telephone No 🟡 epSOS Data Set </div> <div style="display: flex; justify-content: space-between; align-items: center; margin-top: 5px;"> epsos-dataelement-300 🟡 Telecom 🟡 epSOS Data Set </div> <div style="display: flex; justify-content: space-between; align-items: center; margin-top: 5px;"> epsos-dataelement-29 🟡 Email 🟡 epSOS Data Set </div>					
└ @use	set_cs	0 ... 1			
		<div style="border: 1px solid gray; padding: 2px;">CONF</div> The value of @use shall be drawn from value set 1.3.6.1.4.1.12559.11.10.1.3.1.42.40 <i>epSOSTelecomAddress</i> (DYNAMIC)			
└ @nullFlavor	cs	0 ... 1	F	NI	
└ h17:patient		1 ... 1	M		(eHD...

Item	DT	Card	Conf	Description	Label	
					-eP)	
				 epsos-dataelement-8  Personal Information  epSOS Data Set		
└ @classCode	cs	0 ... 1	F	PSN		
└ @determinerCode	cs	0 ... 1	F	INSTANCE		
└ h17:name	PN	1 ... *	R	Patient Name	R1.1	
				 epsos-dataelement-9  Full Name  epSOS Data Set		
└ h17:family		1 ... *	M	Patient's Family Name/Surname	R1.1.1	
				 epsos-dataelement-13  Family Name/Surname  epSOS Data Set		
└ h17:prefix		0 ... *	R	Patient's Prefix	R1.1.2	
				 epsos-dataelement-263  Prefix  epSOS Data Set		
	Constraint	If the attribute qualifier is used for this element it should be derived from epSOSEntityNamePartQualifier 2.16.840.1.113883.5.43				
└ h17:given		1 ... *	M	Patient's Given Name	R1.1.3	
				 epsos-dataelement-12  Given name  epSOS Data Set		
└ h17:administrativeGenderCode	CE.EPSOS	1 ... 1	R	Patient's Gender	R1.2	
				 epsos-dataelement-11  Gender  epSOS Data Set		

Item	DT	Card	Conf	Description	Label
└ @nullFlavor	cs	0 ... 1	F	UNK	
	CONF	The value of @code shall be drawn from value set 1.3.6.1.4.1.12559.11.10.1.3.1.42.34 epSOSAdministrativeGender (DYNAMIC)			
└ h17:birthTime	TS	1 ... 1	M	Patient's Date of Birth. The patient date of birth may be a partial date such as only the year.	R1.3
	🎯 epsos-dataelement-10		🟡 Date of Birth	🟡 epSOS Data Set	
└ h17:guardian		0 ... *	R	<p>The guardians of a patient shall be recorded in the <guardian> element beneath the /ClinicalDocument/recordTarget/patientRole/patient XML - <patient> element. Other patient contacts are described using the /ClinicalDocument/participant structure. The <associatedEntity> element defines the type of contact.</p> <p>The relationship between the patient and the guardian or other contact should be recorded in the <code> element. The code attribute is required and comes from the HL7 PersonalRelationshipRoleType vocabulary (epSOSPersonalRelationship value set).</p> <p>The address of the guardian or other contact should be present, and shall be represented, as any other address would be in CDA.</p> <p>The phone number of the guardian or other contact should be present, and shall be represented, as any other phone number would be in CDA.</p> <p>The name of the guardian or other contact shall be present, and shall be represented, as any other name would be in CDA.</p>	R1.7.A
└ @classCode	cs	1 ... 1	F	GUARD	
└ @nullFlavor	cs	0 ... 1		Use nullFlavor if unknown or if no information is applicable	
Example	<pre><guardian classCode="GUARD"> <templateId root="1.3.6.1.4.1.19376.1.5.3.1.2.4"/> <addr> <streetAddressLine>2222 Home Street</streetAddressLine></pre>				

Item	DT	Card	Conf	Description	Label
				<pre> <city>London</city> <state>London</state> <postalCode>A1B 2C3</postalCode> <country>UK</country> </addr> <telecom value="tel:+452070256161"/> <telecom value="mailto:jsmith@myprovider.co.uk"/> <guardianPerson> <name> <given>John</given> <family>Español Smith</family> </name> </guardianPerson> </guardian> </pre>	
└ h17:templateId	I.EPSOS	1 ... 1	M	Template id for IHE PCC Patient Contacts	R1.7.A
└ @root	uid	1 ... 1	F	1.3.6.1.4.1.19376.1.5.3.1.2.4	
└ h17:addr	A.EPSOS	1 ... 1	R	The guardian's address element is required. If there is no information, the nullFlavor attribute shall have a value of 'NI' and no address parts shall be present, otherwise there shall be no nullFlavor attribute, and at least one of the address parts listed below shall be present	R1.7.A
└ @nullFlavor	cs	0 ... 1	F	NI	
└ h17:streetAddressLine		0 ... *	R	Guardian's Number of Street/Guardian's Number of Street	R1.7... .3.2
└ h17:city		0 ... 1	R	Guardian's City	R1.7... .3.3
└ h17:postalCode		0 ... 1	R	Guardian's Postal Code	R1.7... .3.4
└ h17:state		0 ... 1	R	Guardian's State or Province	R1.7... .3.5
└ h17:country		0 ... 1	R	Guardian's Country. When used addr.country it is always bound to the epSOSCountry value set	R1.7... .3.6

Item	DT	Card	Conf	Description	Label
	CONF			The value of @code shall be drawn from value set 1.3.6.1.4.1.12559.11.10.1.3.1.42.4 <i>epSOSCountry</i> (DYNAMIC)	
└ h17:telecom	TEL	1 ... *	R	Guardian's telephone number / Patient e-mail address. The guardian telephone or e-mail element is required. If there is no information, the nullFlavor attribute shall have a value of 'NI' and the "value" and "use" attributes shall be omitted, otherwise the nullFlavor attribute shall not be present, and the "value" and "use" attributes shall be present. Optionalities and Cardinalities of the following two items shall be interpreted according to this rule: e.g. is not expected to have two nullFlavored telecom elements.	R1.7... .4.2
				 epsos-dataelement-39  Telephone No  epSOS Data Set	
└ @use	set_cs	0 ... 1			
	CONF			The value of @use shall be drawn from value set 1.3.6.1.4.1.12559.11.10.1.3.1.42.40 <i>epSOSTelecomAddress</i> (DYNAMIC)	
└ @nullFlavor	cs	0 ... 1	F	NI	
└ h17:guardianPerson		1 ... 1	R		R1.7.A
				 epsos-dataelement-34  Contact Person/legal guardian  epSOS Data Set	
└ h17:name	PN	1 ... *	R	Patient Guardian's Name	IHE PCC
				 epsos-dataelement-36  Full Name  epSOS Data Set	
Choice		2 ... *		Elements to choose from: <ul style="list-style-type: none"> ▪ h17:family ▪ h17:given 	
└ h17:family		1 ... *	R	Patient Guardian's Family Name/Surname	R1.7.A.1
				 epsos-dataelement-38  Family Name/Surname  epSOS Data Set	

Item	DT	Card	Conf	Description	Label
└ h17:given		1 ... *	R	Patient Guardian's Given Name	R1.7.A.2
<div style="display: flex; justify-content: space-between; align-items: center;">  epsos-dataelement-37  Given Name  epSOS Data Set </div>					
└ h17:languageCommunication		0 ... *	R	This element is derived from the IHE template LanguageCommunication (1.3.6.1.4.1.19376.1.5.3.1.2.1), however this template does not need the element preferenceInd because the language is already said to be the "preferred language".	(eHD...-eP)
└ h17:languageCode	CS	1 ... 1	R	Patient's preferred language <ul style="list-style-type: none"> The language code SHALL be in the form nn-CC. The nn portion SHALL be an ISO-639-1 language code in lower case derived by the Value Set epSOSLanguage. The CC portion SHALL be an ISO-3166 country code in upper case derived by the value Set epSOSCountry 	R1.7
Example		<languageCode code="en-GB"/>			
Schematron assert		role	 error		
		test	matches(@code,'[a-z]{2}-[A-Z]{2}')		
		Message	The language code SHALL be in the form nn-CC where nn is ISO-639-1 epSOSLanguage and CC is ISO-3166 epSOSCountry		
Included		1 ... *	M	from 2.16.840.1.113883.3.1937.777.11.10.103 epSOS CDA author prescriber (DYNAMIC)	
└ h17:author		1 ... *	M		(eHD...-eP)
└ @typeCode	cs	0 ... 1	F	AUT	
└ @contextControlCode	cs	0 ... 1	F	OP	
└ h17:functionCode	CE.EPSOS	1 ... 1	M		R1.10.6
CONF		The value of @code shall be drawn from value set 1.3.6.1.4.1.12559.11.10.1.3.1.42.1 epSOSHealthcareProfessionalRoles (DYNAMIC)			

Item	DT	Card	Conf	Description	Label
└ h17:time	TS.EPSOS.TZ	1 ... 1	R	The author/time element represents the start time of the author's participation in the creation of the clinical document. The author/time element SHALL be present.	(eHD... -eP)
└ h17:assignedAuthor		1 ... 1	R		(eHD... -eP)
└ @classCode	cs	0 ... 1	F	ASSIGNED	
				<div style="background-color: #ff69b4; padding: 2px;">Schematron assert</div> role  error test @nullFlavor or h17:assignedPerson or h17:assignedAuthoringDevice Message If assignedAuthor has an associated representedOrganization with no assignedPerson or assignedAuthoringDevice, then the value for "ClinicalDocument/author/assignedAuthor/id/@NullFlavor" SHALL be "NA" "Not applicable" 2.16.840.1.113883.5.1008 NullFlavor STATIC.	
└ h17:id	II.EPSOS	1 ... *	R	HP ID number	R1.10.5
└ @nullFlavor	cs	0 ... 1	F	NA	
└ h17:code	CE.EPSOS	0 ... 1	R	HP Specialty	R1.10.7
└ h17:addr	AD.EPSOS	1 ... *	R		IHE PCC
└ h17:telecom	TEL.EPSOS	1 ... *	R	Attribute @value SHALL contain a URI if element telecom is used. The URI scheme SHALL be one of URLScheme	IHE PCC / R1.10.8 / R1.10.8.1 / R1.10.8.2
└ @use	set_cs	0 ... 1			
	CONF			The value of @use shall be drawn from value set 1.3.6.1.4.1.12559.11.10.1.3.1.42.40 epSOSTelecomAddress (DYNAMIC)	
└ h17:assignedPerson		1 ... 1	M		(eHD... -eP)
└ @classCode	cs	0 ... 1	F	PSN	

Item	DT	Card	Conf	Description	Label
└ @determinerCode	cs	0 ... 1	F	INSTANCE	
└ h17:name	PN	1 ... 1	R	HP Name	IHE PCC
	Example	<pre><name> <given>John</given> <family>Español Smith</family> </name></pre>			
└ h17:family		1 ... *	R	HP Family Name/Surname	R1.10.1
└ h17:given		1 ... *	R	HP Given Name	R1.10.2
└ h17:prefix		0 ... *	R	HP Prefix	R1.10.3
└ h17:suffix		0 ... *	R	HP Suffix	R1.10.4
└ h17:representedOrganization		1 ... 1	R	Contains 2.16.840.1.113883.3.1937.777.11.10.111 <i>epSOS CDA Organization</i> (DYNAMIC)	R1.10.9
Included		1 ... 1	M	from 2.16.840.1.113883.3.1937.777.11.10.104 <i>epSOS CDA custodian</i> (DYNAMIC)	
└ h17:custodian		1 ... 1	M		(eHD... -eP)
└ @typeCode		0 ... 1	F	CST	
└ h17:assignedCustodian		1 ... 1	R		(eHD... -eP)
└ @classCode		0 ... 1	F	ASSIGNED	


Item	DT	Card	Conf	Description	Label
└ h17:representedCustodianOrganization		1 ... 1	R	Contains 2.16.840.1.113883.3.1937.777.11.10.111 epSOS CDA Organization (DYNAMIC)	R1.10.9
└ @classCode		0 ... 1	F	ORG	
└ @determinerCode		0 ... 1	F	INSTANCE	
Included		1 ... 1	M	from 2.16.840.1.113883.3.1937.777.11.10.109 epSOS CDA legalAuthenticator (DYNAMIC)	
└ h17:legalAuthenticator		1 ... 1	M	The person taking responsibility for the medical content of the document. In Spain this is the regional authority in healthcare. This regional authority healthcare organization will send this to the NCP. The definition of the legal authenticator may vary according to the rules set up in the framework agreement particular to each state. It may be a person or a regional authority, or an NCP.	R1.11.9
└ h17:time	TS.EPSOS.TZ	1 ... 1	M	Time of signing the document	R1.11.9
└ h17:signatureCode	CS	1 ... 1	R	Signature code	R1.11.9
└ @code	CONF	0 ... 1	F	S	
└ h17:assignedEntity		1 ... 1	M	The regional authority that is responsible for the legal authentication of the CDA document	R1.11.9
└ h17:id		1 ... 1	M	Unique identification of legal authenticator	R1.11.9
└ h17:addr	AD.EPSOS	1 ... *	R		IHE PCC
└ h17:telecom	TEL	1 ... *	R	Legal Authenticator's Telecom If there is no information, the nullFlavor attribute shall have a value of 'NI' and the "value" and "use" attributes shall be omitted, otherwise the nullFlavor attribute shall not be present, and the "value" and "use" attributes shall be present.	R1.10.9.4 / R1.10.9.4.1 / R1.10.9.4.2


Item	DT	Card	Conf	Description	Label
				Optionalities and Cardinalities of the following two items shall be interpreted according to this rule: e.g. is not expected to have two nullFlavored telecom elements.	
└ @use	set_cs	0 ... 1			
	CONF			The value of @use shall be drawn from value set 1.3.6.1.4.1.12559.11.10.1.3.1.42.40 <i>epSOSTelecomAddress</i> (DYNAMIC)	
└ @nullFlavor	cs	0 ... 1	F	NI	
	Example			<pre><telecom use="WP" value="tel:+45 20 7025 6161"/> <telecom use="HP" value="mailto:jsmith@myprovider.co.uk"/></pre>	
└ h17:assignedPerson		1 ... 1	R		IHE PCC
└ @classCode	cs	0 ... 1	F	PSN	
└ @determinerCode	cs	0 ... 1	F	INSTANCE	
└ h17:name	PN	1 ... 1	R	HP Name	IHE PCC
	Example			<pre><name> <given>John</given> <family>Español Smith</family> </name></pre>	
└ h17:family		1 ... *	M	HP Family Name/Surname	R1.10.1
└ h17:given		1 ... *	M	HP Given Name	R1.10.2
└ h17:prefix		0 ... *	R	HP Prefix	R1.10.3
└ h17:suffix		0 ... *	R	HP Suffix	R1.10.4

Item	DT	Card	Conf	Description	Label
└ h17:representedOrganization		1 ... 1	M	Contains 2.16.840.1.113883.3.1937.777.11.10.111 epSOS CDA Organization (DYNAMIC)	R1.11.9
where [not(@nullFlavor)]					
Included		1 ... 1	M	from 2.16.840.1.113883.3.1937.777.11.10.107 epSOS CDA relatedDocument (DYNAMIC)	
└ h17:relatedDocument		1 ... 1	M		(eHD... -eP)
└ @typeCode	cs	1 ... 1	R		
	CONF	The value of @typeCode shall be drawn from value set 2.16.840.1.113883.1.11.11610 x_ActRelationshipDocument (DYNAMIC)			
└ h17:parentDocument		1 ... 1	R		(eHD... -eP)
└ @classCode		0 ... 1	F	DOCCLIN	
└ @moodCode		0 ... 1	F	EVN	
└ h17:id	I1.EPSOS	1 ... *	R		(eHD... -eP)
└ h17:code	CD.EPSOS	0 ... 1	R		(eHD... -eP)
└ @codeSystem	CONF	0 ... 1	F	2.16.840.1.113883.6.1 (LOINC)	
└ h17:text	ED	0 ... 1	R		(eHD... -eP)
└ h17:setId	I1.EPSOS	0 ... 1	R		(eHD... -eP)

Item	DT	Card	Conf	Description	Label	
└ h17:versionNumber	INT	0 ... 1	R		(eHD... -eP)	
└ h17:component		1 ... 1	M		(eHD... -eP)	
└ h17:nonXMLBody		1 ... 1	M		(eHD... -eP)	
└ @classCode	cs	1 ... 1	F	DOCBODY		
└ @moodCode	cs	1 ... 1	F	EVN		
└ h17:text		1 ... 1	M	This element is used in this template to embed the PDF representation of the original document produced in the Country of Affiliation (Country A). The reference element shall never be used for this template.	(eHD... -eP)	
└ @mediaType	cs	1 ... 1	F	application/pdf		
└ @representation	cs	1 ... 1	F	B64		
	Constraint	The encoding rules of the pdf, including the allowed pdf formats, SHALL be the same defined by the IHE XDS-SD profile				
└ h17:reference			NP		(eHD... -eP)	

7.1.2 eHDSI-Patient Summary PDF embedded 1.3.6.1.4.1.12559.11.10.1.3.1.1.7 - 2017-03-11 18:41:31

Direction	Underlying Model	Template name	Schematron
 back		PatientSummary_L1	epsos-PatientSummary_L1.sch

Id	1.3.6.1.4.1.12559.11.10.1.3.1.1.7	Effective Date	2017-03-11 18:41:31
Status	 Active	Version Label	
Name	eHDSI-OriginalPS	Display Name	eHDSI-Patient Summary PDF embedded

Description

< DESCRIPTION TO BE UPDATED >

Note for the readers

This template version represents the best representation of the original epSOS/EXPAND specifications in ART DECOR. However the original epSOS/EXPAND specifications in Microsoft Word took the original IHE Templates and added constraints in written language. This actually is not best practice in electronic Template Design because the additional constraints are not assigned to the original IHE template but rather than that are text only constraints. In order to make everything computable new Template OIDs need to be assigned to the epSOS Templates in order to cover both, the original IHE Template Design and the additional constraints from epSOS in the text and represent them electronically.

Caveat: for the above mentioned reasons this version cannot be used for (automatic) testing/validation purposes. It shall be used however as basis for refinement (repository)

Note: there is a new version planned that covers all above and makes proper testing/validation possible

epSOS Patient Summary Template

The implementers must be familiar with the context of the project, as it shall not be repeated in this document. The implementers must also be familiar with the content of the following documents:

- CDA Release 2.0 Normative Web Edition, May, 2005
- HL7 Implementation Guide: CDA Release 2 – Continuity of Care Document (CCD), HL7, April 1, 2007.
- Integrating the Healthcare Enterprise, Patient Care Coordination Technical Framework, Volume 1 and Volume 2- Revision 10, IHE International, November 4, 2014.
- Integrating the Healthcare Enterprise, Patient Care Coordination CDA Content Modules- Trial Implementation Supplement, December 3, 2014.
- HL7 Implementation Guide for CDA Release 2: History and Physical (H&P) Notes, HL7, July 16, 2008.

It must also be noted that although the guidelines are based on the above documents, they contain specific developments particular to the project epSOS. This document can be used as a standalone to develop the syntax of the epSOS documents; however in order to achieve the full functionality of the epSOS Semantic Services, they are to be used within the context of the deliverable 3.9.1.

Prescribed and dispensed medications, including a specification of the Medication Summary section used in the Patient Summary document, have described in the previous chapter. The following sub-paragraphs specify how other sections that may be present in a Patient Summary are implemented.

According to requirements described in the Body Data Elements, the following sections - at least - shall be present in a Patient Summary document:

The Medication Summary Section 1.3.6.1.4.1.12559.11.10.1.3.1.2.3









The Allergies and Other Adverse Reactions Section 1.3.6.1.4.1.19376.1.5.3.1.3.13



The Coded List of Surgeries Section 1.3.6.1.4.1.19376.1.5.3.1.3.12

The Active Problems Section 1.3.6.1.4.1.19376.1.5.3.1.3.6

The Medical Devices Coded Section 1.3.6.1.4.1.12559.11.10.1.3.1.2.4

Appropriated codes and/or nullFlavor values will be used in these sections to express for example that coded information is not available, either that an entry is not applicable or that information is not known, See the related paragraph for further details.

Context	Pathname /		
Classification	CDA Document Level Template		
Open/Closed	Open (other than defined elements are allowed)		
Used by / Uses	Used by 1 transaction and 0 templates, Uses 9 templates		
	Used by	as	Name
	epsos-transactions-29	Transaction	 Return PS (PDF embedded) of country A
	Uses	as	Name
	2.16.840.1.113883.3.1937.777.11.10.110	Include	 epSOS CDA Id
	2.16.840.1.113883.3.1937.777.11.10.108	Include	 epSOS CDA setId
	2.16.840.1.113883.3.1937.777.11.10.100	Include	 epSOS CDA recordTarget
	2.16.840.1.113883.3.1937.777.11.10.102	Include	 epSOS CDA author
2.16.840.1.113883.3.1937.777.11.10.104	Include	 epSOS CDA custodian	
2.16.840.1.113883.3.1937.777.11.10.109	Include	 epSOS CDA legalAuthenticator	
2.16.840.1.113883.3.1937.777.11.10.101	Include	 epSOS CDA Contact/Preferred HP/Legal Organization	
		Version	2017-11-20 18:28:16



- 2.16.840.1.113883.3.1937.777.11.10.106 Include  epSOS CDA documentationOf PCPR DYNAMIC
- 2.16.840.1.113883.3.1937.777.11.10.107 Include  epSOS CDA relatedDocument DYNAMIC



There are open issues with this item:

- epsos-issue-229: *custodian org, see epsos-issue-219* (Open)
- epsos-issue-237: *Create scenario for this template* (Open)

Item	DT	Card	Conf	Description	Label
h17:ClinicalDocument			R	CDA header	(eHD... IPS)
└ h17:realmCode	CS	1 ... 1	M		(eHD... IPS)
└ h17:typeId	II.EPSOS	1 ... 1	M	The clinical document typeId identifies the constraints imposed by CDA R2 on the content, essentially acting as a version identifier. The @root and @extension values of this element are specified as shown in the <i>example</i> below.	(eHD... IPS)
└ @root	uid	1 ... 1	F	2.16.840.1.113883.1.3	
└ @extension	st	1 ... 1	F	POCD_HD000040	
Example		<code><typeId extension="POCD_HD000040" root="2.16.840.1.113883.1.3"/></code>			
└ h17:templateId	II	1 ... 1	M	Template ID for eHDSI original Patient Summary document.	(eHD... IPS)
└ @root	uid	1 ... 1	F	1.3.6.1.4.1.12559.11.10.1.3.1.1.7	
<i>Included</i>		1 ... 1	M	from 2.16.840.1.113883.3.1937.777.11.10.110 <i>epSOS CDA Id</i> (DYNAMIC)	

Item	DT	Card	Conf	Description	Label
└ h17:id		1 ... 1	M	<p>The ClinicalDocument/id element is an instance identifier data type. The root attribute is an OID. If there is a value in @extension, then the root uniquely identifies the scope of the extension. If there is no value in @extension then @root SHALL uniquely identify the document</p> <p>UUIDs SHALL be represented in the form XXXXXXXX-XXXX-XXXX-XXXX-XXXXXXXXXXXX, where each X is a character from the set [A-Fa-f0-9].</p> <p>OIDs SHALL be represented in dotted decimal notation, where each decimal number is either 0, or starts with a nonzero digit. More formally, an OID SHALL be in the form ([0-2])(.[1-9][0-9]* 0)+.</p>	R1.11.3
<div style="display: flex; justify-content: space-between; align-items: center;">  epsos-dataelement-176  Identification  epSOS Data Set </div>					
Example		<code><id extension="a621" root="2.16.840.1.113883.3.1937.777.11.9999"/></code>			
└ h17:code	CV.EPSOS	1 ... 1	M	Determines the document type "epSOS Patient Summary Document"	R1.11.6
└ @displayName		1 ... 1	R		
└ @code	CONF	1 ... 1	F	60591-5	
└ @codeSystem		1 ... 1	F	2.16.840.1.113883.6.1 (LOINC)	
Example		<code><code code="60591-5" codeSystem="2.16.840.1.113883.6.1" codeSystemName="LOINC" displayName="Patient summary Document"/></code>			
└ h17:title	ST	1 ... 1	M	ClinicalDocument/title is used for display purposes.	R1.11.7
Example		<code><title>epSOS Patient Summary Maria Bakker November 13, 2011</title></code>			
└ h17:effectiveTime	TS.EPSOS.TZ	1 ... 1	M	Relevant times for the Patient Summary	R1.11.1

Item	DT	Card	Conf	Description	Label
				<p>By definition, a Patient Summary document describes the Patient Summary at the time of creation of the document, represented by the <code>/ClinicalDocument/effectiveTime</code> XML Element.</p> <p>The time when this instance of the document has been authored may be instead recorded by the <code>/ClinicalDocument/author/time</code> element. (e.g. when a “spider” has collected information for generating this instance of the document; or a practitioner updated its local summary document).</p> <p>Finally, the latest summary update, intended as the last date documented by this summary (e.g. the last update occurred to the PHR from which the PS data has been extracted) can be represented by the <code>/ClinicalDocument/documentationOf/serviceEvent/effectiveTime/high</code> XML Element (see section 2.1, CONF-2, CONF-3 and CONF-4 of the CCD specification).</p>	
	Example	<code><effectiveTime value="20111113125600+0200"/></code>			
<code>h17:confidentialityCode</code>	CE.EPSOS	1 ... 1	R	ClinicalDocument/confidentialityCode shall be present in accordance with the HL7 CDA R2 standard.	R1.11.8
	CONF	The value of <code>@code</code> shall be drawn from value set 1.3.6.1.4.1.12559.11.10.1.3.1.42.31 <i>epSOSConfidentiality</i> (DYNAMIC)			
	Example	<code><confidentialityCode code="N" codeSystem="2.16.840.1.113883.5.25"/></code>			
<code>h17:languageCode</code>	CS	1 ... 1	M	<p>Document Language Code</p> <ul style="list-style-type: none"> The language code SHALL be in the form nn-CC. The nn portion SHALL be an ISO-639-1 language code in lower case derived by the Value Set <i>epSOSLanguage</i>. The CC portion SHALL be an ISO-3166 country code in upper case derived by the value Set <i>epSOSCountry</i> 	R.11.10
	Example	<code><languageCode code="en-GB"/></code>			
	Schematron assert	role	error		
		test	matches(@code,'[a-z]{2}-[A-Z]{2}')		
		Message	The language code SHALL be in the form nn-CC where nn is ISO-639-1 <i>epSOSLanguage</i> and CC is ISO-3166 <i>epSOSCountry</i>		
Included		0 ... 1		from 2.16.840.1.113883.3.1937.777.11.10.108 <i>epSOS CDA setId</i> (DYNAMIC)	

Item	DT	Card	Conf	Description	Label
└ h17:setId		0 ... 1	R	This attribute “represents an identifier that is common across all document revisions”. In the case of the NCP transcoding /translation this is the ID that remains unchanged among all the existing transformations. Implementers are recommended to use this attribute.	(eHD... IPS)
└ h17:versionNumber		0 ... 1	R		(eHD... IPS)
Included		1 ... 1	M	from 2.16.840.1.113883.3.1937.777.11.10.100 epSOS CDA recordTarget (DYNAMIC)	
└ h17:recordTarget		1 ... 1	M		(eHD... IPS)
<div style="display: flex; justify-content: space-between; align-items: center; background-color: #e0ffe0; padding: 5px;"> 🎯 epsos-dataelement-5 🟡 Patient Data 🟡 epSOS Data Set </div>					
└ @typeCode	cs	0 ... 1	F	RCT	
└ @contextControlCode	cs	0 ... 1	F	OP	
└ h17:patientRole		1 ... 1	M		(eHD... IPS)
<div style="display: flex; justify-content: space-between; align-items: center; background-color: #e0ffe0; padding: 5px;"> 🎯 epsos-dataelement-26 🟡 Contact Information 🟡 epSOS Data Set </div>					
└ @classCode	cs	0 ... 1	F	PAT	
└ h17:id	II.EPSOS	1 ... *	R	Patient Identifiers: Primary Patient Identifier (Regional/National Health Id), Secondary Patient Identifier (Social/Insurance Number)	R1.4 / R1.4.1 / R1.4.2
<div style="display: flex; justify-content: space-between; align-items: center; background-color: #e0ffe0; padding: 5px;"> 🎯 epsos-dataelement-235 🟡 Other Identifier 🟡 epSOS Data Set </div> <div style="display: flex; justify-content: space-between; align-items: center; background-color: #e0ffe0; padding: 5px;"> epsos-dataelement-7 🟡 National Health Care patient ID (country of affiliation) 🟡 epSOS Data Set </div>					

Item	DT	Card	Conf	Description	Label
	epsos-dataelement-234			National Health Care patient ID (country of treatment)	epSOS Data Set
	epsos-dataelement-6			Identification	epSOS Data Set
└ h17:addr	AD.EPSOS	1 ... 1	R	The patient address element is required. If there is no information, the nullFlavor attribute shall have a value of 'NI' and no address parts shall be present, otherwise there shall be no nullFlavor attribute, and at least one of the address parts listed below shall be present.	R1.5
	epsos-dataelement-27			Address	epSOS Data Set
└ @nullFlavor	cs	0 ... 1	F	NI	
└ h17:streetAddressLine		0 ... *	R	Patient's Number of Street/Patient's Number of Street	R1.5.1 / R1.5.2
	epsos-dataelement-51			Street	epSOS Data Set
	epsos-dataelement-52			Number of Street	epSOS Data Set
└ h17:city		0 ... 1	R	Patient's City	R1.5.3
	epsos-dataelement-55			City	epSOS Data Set
└ h17:postalCode		0 ... 1	R	Patient's Postal Code	R1.5.4
	epsos-dataelement-53			Postal Code	epSOS Data Set
└ h17:state		0 ... 1	R	Patient's State or Province	R1.5.5
	epsos-dataelement-56			State or Province	epSOS Data Set
└ h17:country		0 ... 1	R	Patient's Country. When used addr.country it is always bound to the epSOSCountry value set	R1.5.6

Item	DT	Card	Conf	Description	Label
	epsos-dataelement-54		Country	epSOS Data Set	
	CONF	The value of @code shall be drawn from value set 1.3.6.1.4.1.12559.11.10.1.3.1.42.4 <i>epSOSCountry</i> (DYNAMIC)			
└ h17:telecom	TEL	1 ... *	R	Patient's telephone number / Patient e-mail address. The patient telephone or e-mail element is required. If there is no information, the nullFlavor attribute shall have a value of 'NI' and the "value" and "use" attributes shall be omitted, otherwise the nullFlavor attribute shall not be present, and the "value" and "use" attributes shall be present Optionalities and Cardinalities of the following two items shall be interpreted according to this rule: e.g. is not expected to have two nullFlavored telecom elements.	R1.6.1 / R1.6.2
	epsos-dataelement-28 epsos-dataelement-300 epsos-dataelement-29		Telephone No Telecom Email	epSOS Data Set epSOS Data Set epSOS Data Set	
└ @use	set_cs	0 ... 1			
	CONF	The value of @use shall be drawn from value set 1.3.6.1.4.1.12559.11.10.1.3.1.42.40 <i>epSOSTelecomAddress</i> (DYNAMIC)			
└ @nullFlavor	cs	0 ... 1	F	NI	
└ h17:patient		1 ... 1	M		(eHD... IPS)
	epsos-dataelement-8		Personal Information	epSOS Data Set	
└ @classCode	cs	0 ... 1	F	PSN	
└ @determinerCode	cs	0 ... 1	F	INSTANCE	
└ h17:name	PN	1 ... *	R	Patient Name	R1.1

Item	DT	Card	Conf	Description	Label
	⊙ epsos-dataelement-9			● Full Name	● epSOS Data Set
└ h17:family		1 ... *	M	Patient's Family Name/Surname	R1.1.1
	⊙ epsos-dataelement-13			● Family Name/Surname	● epSOS Data Set
└ h17:prefix		0 ... *	R	Patient's Prefix	R1.1.2
	⊙ epsos-dataelement-263			● Prefix	● epSOS Data Set
	Constraint	If the attribute qualifier is used for this element it should be derived from epSOSEntityNamePartQualifier 2.16.840.1.113883.5.43			
└ h17:given		1 ... *	M	Patient's Given Name	R1.1.3
	⊙ epsos-dataelement-12			● Given name	● epSOS Data Set
└ h17:administrativeGenderCode	CE.EPSOS	1 ... 1	R	Patient's Gender	R1.2
	⊙ epsos-dataelement-11			● Gender	● epSOS Data Set
└ @nullFlavor	cs	0 ... 1	F	UNK	
	CONF	The value of @code shall be drawn from value set 1.3.6.1.4.1.12559.11.10.1.3.1.42.34 epSOSAdministrativeGender (DYNAMIC)			
└ h17:birthTime	TS	1 ... 1	M	Patient's Date of Birth. The patient date of birth may be a partial date such as only the year.	R1.3
	⊙ epsos-dataelement-10			● Date of Birth	● epSOS Data Set










Item	DT	Card	Conf	Description	Label
└─ h17:guardian		0 ... *	R	<p>The guardians of a patient shall be recorded in the <guardian> element beneath the /ClinicalDocument/recordTarget/patientRole/patient XML - <patient> element. Other patient contacts are described using the /ClinicalDocument/participant structure. The <associatedEntity> element defines the type of contact.</p> <p>The relationship between the patient and the guardian or other contact should be recorded in the <code> element. The code attribute is required and comes from the HL7 PersonalRelationshipRoleType vocabulary (epSOSPersonalRelationship value set).</p> <p>The address of the guardian or other contact should be present, and shall be represented, as any other address would be in CDA.</p> <p>The phone number of the guardian or other contact should be present, and shall be represented, as any other phone number would be in CDA.</p> <p>The name of the guardian or other contact shall be present, and shall be represented, as any other name would be in CDA.</p>	R1.7.A
└─ @classCode	cs	1 ... 1	F	GUARD	
└─ @nullFlavor	cs	0 ... 1		Use nullFlavor if unknown or if no information is applicable	
Example				<pre> <guardian classCode="GUARD"> <templateId root="1.3.6.1.4.1.19376.1.5.3.1.2.4"/> <addr> <streetAddressLine>2222 Home Street</streetAddressLine> <city>London</city> <state>London</state> <postalCode>A1B 2C3</postalCode> <country>UK</country> </addr> <telecom value="tel:+452070256161"/> <telecom value="mailto:jsmith@myprovider.co.uk"/> <guardianPerson> <name> <given>John</given> <family>Español Smith</family> </name> </pre>	







Item	DT	Card	Conf	Description	Label
				</guardianPerson> </guardian>	
└ h17:templateId	I1.EPSOS	1 ... 1	M	Template id for IHE PCC Patient Contacts	R1.7.A
└ @root	uid	1 ... 1	F	1.3.6.1.4.1.19376.1.5.3.1.2.4	
└ h17:addr	AD.EPSOS	1 ... 1	R	The guardian's address element is required. If there is no information, the nullFlavor attribute shall have a value of 'NI' and no address parts shall be present, otherwise there shall be no nullFlavor attribute, and at least one of the address parts listed below shall be present	R1.7.A
└ @nullFlavor	cs	0 ... 1	F	NI	
└ h17:streetAddressLine		0 ... *	R	Guardian's Number of Street/Guardian's Number of Street	R1.7... .3.2
└ h17:city		0 ... 1	R	Guardian's City	R1.7... .3.3
└ h17:postalCode		0 ... 1	R	Guardian's Postal Code	R1.7... .3.4
└ h17:state		0 ... 1	R	Guardian's State or Province	R1.7... .3.5
└ h17:country		0 ... 1	R	Guardian's Country. When used addr.country it is always bound to the epSOSCountry value set	R1.7... .3.6
	CONF			The value of @code shall be drawn from value set 1.3.6.1.4.1.12559.11.10.1.3.1.42.4 epSOSCountry (DYNAMIC)	
└ h17:telecom	TEL	1 ... *	R	Guardian's telephone number / Patient e-mail address. The guardian telephone or e-mail element is required. If there is no information, the nullFlavor attribute shall have a value of 'NI' and the "value" and "use" attributes shall be omitted, otherwise the nullFlavor attribute shall not be present, and the "value" and "use" attributes shall be present Optionalities and Cardinalities of the following two items shall be interpreted according to this rule: e.g. is not expected to have two nullFlavored telecom elements.	R1.7... .4.2
	epsos-dataelement-39		Telephone No		epSOS Data Set

Item	DT	Card	Conf	Description	Label
└ @use	set_cs	0 ... 1			
	CONF			The value of @use shall be drawn from value set 1.3.6.1.4.1.12559.11.10.1.3.1.42.40 epSOSTelecomAddress (DYNAMIC)	
└ @nullFlavor	cs	0 ... 1	F	NI	
└ h17:guardianPerson		1 ... 1	R		R1.7.A
	epsos-dataelement-34			Contact Person/legal guardian	epSOS Data Set
└ h17:name	PN	1 ... *	R	Patient Guardian's Name	IHE PCC
	epsos-dataelement-36			Full Name	epSOS Data Set
<i>Choice</i>		2 ... *		Elements to choose from: <ul style="list-style-type: none"> ▪ hl7:family ▪ hl7:given 	
└ hl7:family		1 ... *	R	Patient Guardian's Family Name/Surname	R1.7.A.1
	epsos-dataelement-38			Family Name/Surname	epSOS Data Set
└ hl7:given		1 ... *	R	Patient Guardian's Given Name	R1.7.A.2
	epsos-dataelement-37			Given Name	epSOS Data Set
└ hl7:languageCommunication		0 ... *	R	This element is derived from the IHE template LanguageCommunication (1.3.6.1.4.1.19376.1.5.3.1.2.1), however this template does not need the element preferenceInd because the language is already said to be the "preferred language".	(eHD... IPS)

Item	DT	Card	Conf	Description	Label
└ h17:languageCode	CS	1 ... 1	R	Patient's preferred language <ul style="list-style-type: none"> The language code SHALL be in the form nn-CC. The nn portion SHALL be an ISO-639-1 language code in lower case derived by the Value Set epSOSLanguage. The CC portion SHALL be an ISO-3166 country code in upper case derived by the value Set epSOSCountry 	R1.7
Example		<languageCode code="en-GB"/>			
Schematron assert		role	error		
		test	matches(@code,['a-z]{2}-[A-Z]{2}')		
		Message	The language code SHALL be in the form nn-CC where nn is ISO-639-1 epSOSLanguage and CC is ISO-3166 epSOSCountry		
Included		1 ... *	R	from 2.16.840.1.113883.3.1937.777.11.10.102 epSOS CDA author (DYNAMIC)	
└ h17:author		1 ... *	R		(eHD... IPS)
<div style="display: flex; justify-content: space-between; align-items: center;"> epsos-dataelement-67 Author epSOS Data Set </div>					
└ @typeCode	cs	0 ... 1	F	AUT	
└ @contextControlCode	cs	0 ... 1	F	OP	
└ h17:functionCode	CE.EPSOS	0 ... 1	R		R1.10.6
<div style="display: flex; justify-content: space-between; align-items: center;"> epsos-dataelement-180 Author Role epSOS Data Set </div>					
CONF		The value of @code shall be drawn from value set 1.3.6.1.4.1.12559.11.10.1.3.1.42.1 epSOSHealthcareProfessionalRoles (DYNAMIC)			
└ h17:time	TS.EPSOS.TZ	1 ... 1	R	The author/time element represents the start time of the author's participation in the creation of the clinical document. The author/time element SHALL be present.	(eHD... IPS)








Item	DT	Card	Conf	Description	Label
└ h17:assignedAuthor		1 ... 1	R		(eHD... IPS)
└ @classCode	cs	0 ... 1	F	ASSIGNED	
				<div style="background-color: #ff69b4; padding: 5px; margin-bottom: 5px;">Schematron assert</div> role error test @nullFlavor or h17:assignedPerson or h17:assignedAuthoringDevice Message If assignedAuthor has an associated representedOrganization with no assignedPerson or assignedAuthoringDevice, then the value for "ClinicalDocument/author/assignedAuthor/id/@nullFlavor" SHALL be "NA" "Not applicable" 2.16.840.1.113883.5.1008 NullFlavor STATIC.	
└ h17:id	II.EPSOS	1 ... *	R	HP ID number	R1.10.5
	epsos-dataelement-22		Author Identification		epSOS Data Set
└ @nullFlavor	cs	0 ... 1	F	NA	
└ h17:code	CE.EPSOS	0 ... 1	R	HP Specialty	R1.10.7
└ h17:addr	AD.EPSOS	1 ... *	R		IHE PCC
└ h17:telecom	TELEEPSOS	1 ... *	R	Attribute @value SHALL contain a URI if element telecom is used. The URI scheme SHALL be one of URLScheme	IHE PCC / R1.10.8 / R1.10.8.1 / R1.10.8.2
└ @use	set_cs	0 ... 1			
	CONF			The value of @use shall be drawn from value set 1.3.6.1.4.1.12559.11.10.1.3.1.42.40 epSOSTelecomAddress (DYNAMIC)	
Choice		0 ... 1		Elements to choose from:	
				<ul style="list-style-type: none"> ▪ h17:assignedPerson 	

Item	DT	Card	Conf	Description	Label
				<ul style="list-style-type: none"> hl7:assignedAuthoringDevice containing template 2.16.840.1.113883.3.1937.777.11.10.129 CDA Device (DYNAMIC) 	
└ h17:assignedPerson			R		(eHD... IPS)
└ @classCode	cs	0 ... 1	F	PSN	
└ @determinerCode	cs	0 ... 1	F	INSTANCE	
└ h17:name	PN	1 ... 1	R	HP Name	IHE PCC
	<div style="display: flex; justify-content: space-between; align-items: center;">  epsos-dataelement-19  Author Full Name  epSOS Data Set </div>				
Example	<pre><name> <given>John</given> <family>Español Smith</family> </name></pre>				
└ h17:family		1 ... *	M	HP Family Name/Surname	R1.10.1
	<div style="display: flex; justify-content: space-between; align-items: center;">  epsos-dataelement-21  Family Name/Surname  epSOS Data Set </div>				
└ h17:given		1 ... *	M	HP Given Name	R1.10.2
	<div style="display: flex; justify-content: space-between; align-items: center;">  epsos-dataelement-20  Given Name  epSOS Data Set </div>				
└ h17:prefix		0 ... *	R	HP Prefix	R1.10.3
	<div style="display: flex; justify-content: space-between; align-items: center;">  epsos-dataelement-273  Prefix  epSOS Data Set </div>				
└ h17:suffix		0 ... *	R	HP Suffix	R1.10.4

Item	DT	Card	Conf	Description	Label
	 epsos-dataelement-274		 Suffix	 epSOS Data Set	
└ h17:assignedAuthoringDevice			R	Contains 2.16.840.1.113883.3.1937.777.11.10.129 CDA Device (DYNAMIC)	(eHD... IPS)
└ h17:representedOrganization		1 ... 1	R	Contains 2.16.840.1.113883.3.1937.777.11.10.111 epSOS CDA Organization (DYNAMIC)	R1.10.9
	 epsos-dataelement-23		 Author Healthcare Facility	 epSOS Data Set	
Included		1 ... 1	M	from 2.16.840.1.113883.3.1937.777.11.10.104 epSOS CDA custodian (DYNAMIC)	
└ h17:custodian		1 ... 1	M		(eHD... IPS)
└ @typeCode		0 ... 1	F	CST	
└ h17:assignedCustodian		1 ... 1	R		(eHD... IPS)
└ @classCode		0 ... 1	F	ASSIGNED	
└ h17:representedCustodianOrganization		1 ... 1	R	Contains 2.16.840.1.113883.3.1937.777.11.10.111 epSOS CDA Organization (DYNAMIC)	R1.10.9
└ @classCode		0 ... 1	F	ORG	
└ @determinerCode		0 ... 1	F	INSTANCE	
Included		1 ... 1	M	from 2.16.840.1.113883.3.1937.777.11.10.109 epSOS CDA legalAuthenticator (DYNAMIC)	
└ h17:legalAuthenticator		1 ... 1	M	The person taking responsibility for the medical content of the document. In Spain this is the regional authority in healthcare. This regional authority healthcare organization will send this to the NCP. The definition of the legal authenticator may vary according to the rules set up in the framework agreement particular to each state. It may be a person or a regional authority, or an NCP.	R1.11.9

Item	DT	Card	Conf	Description	Label
└ h17:time	TS.EPSOS.TZ	1 ... 1	M	Time of signing the document	R1.11.9
└ h17:signatureCode	CS	1 ... 1	R	Signature code	R1.11.9
└ @code	CONF	0 ... 1	F	S	
└ h17:assignedEntity		1 ... 1	M	The regional authority that is responsible for the legal authentication of the CDA document	R1.11.9
└ h17:id		1 ... 1	M	Unique identification of legal authenticator	R1.11.9
└ h17:addr	AD.EPSOS	1 ... *	R		IHE PCC
└ h17:telecom	TEL	1 ... *	R	Legal Authenticator's Telecom If there is no information, the nullFlavor attribute shall have a value of 'NI' and the "value" and "use" attributes shall be omitted, otherwise the nullFlavor attribute shall not be present, and the "value" and "use" attributes shall be present. Optionality and Cardinalities of the following two items shall be interpreted according to this rule: e.g. is not expected to have two nullFlavored telecom elements.	R1.10.9.4 / R1.10.9.4.1 / R1.10.9.4.2
└ @use	set_cs	0 ... 1			
	CONF			The value of @use shall be drawn from value set 1.3.6.1.4.1.12559.11.10.1.3.1.42.40 epSOSTelecomAddress (DYNAMIC)	
└ @nullFlavor	cs	0 ... 1	F	NI	
	Example			<pre><telecom use="WP" value="tel:+45 20 7025 6161"/> <telecom use="HP" value="mailto:jsmith@myprovider.co.uk"/></pre>	
└ h17:assignedPerson		1 ... 1	R		IHE PCC

Item	DT	Card	Conf	Description	Label
└ @classCode	cs	0 ... 1	F	PSN	
└ @determinerCode	cs	0 ... 1	F	INSTANCE	
└ h17:name	PN	1 ... 1	R	HP Name	IHE PCC
	Example	<pre> <name> <given>John</given> <family>Español Smith</family> </name> </pre>			
└ h17:family		1 ... *	M	HP Family Name/Surname	R1.10.1
└ h17:given		1 ... *	M	HP Given Name	R1.10.2
└ h17:prefix		0 ... *	R	HP Prefix	R1.10.3
└ h17:suffix		0 ... *	R	HP Suffix	R1.10.4
└ h17:representedOrganization		1 ... 1	M	Contains 2.16.840.1.113883.3.1937.777.11.10.111 <i>epSOS CDA Organization</i> (DYNAMIC)	R1.11.9
where [not(@nullFlavor)]					
Included		0 ... *		from 2.16.840.1.113883.3.1937.777.11.10.101 <i>epSOS CDA Contact/Preferred HP/Legal Organization</i> (DYNAMIC) The IHE PCC template Patient Contacts shall be used for describing the patient contacts or the preferred HP.	
└ h17:participant		0 ... *	R	Contact person / Preferred Health Professional to contact about patient.	(eHD... IPS)
where [hl7:templateId/@root='1.3.6.1.4.1.19376.1.5.3.1.2.4']					

Item	DT	Card	Conf	Description	Label	
	 epsos-dataelement-31 epsos-dataelement-34 epsos-dataelement-30			 Legal Organization to contact  Contact Person/legal guardian  Preferred HP to contact	 epSOS Data Set  epSOS Data Set  epSOS Data Set	
└ @typeCode	cs	1 ... 1	F	IND	R1.8.5	
				Participant typeCode		
└ h17:templateId		1 ... 1	M		(eHD... IPS)	
└ @root	uid	1 ... 1	F	1.3.6.1.4.1.19376.1.5.3.1.2.4		
└ h17:functionCode		0 ... 1	C		(eHD... IPS)	
	Constraint	The element is mandatory when this participant is the preferred HP				
└ @code		0 ... 1	F	PCP		
└ @codeSystem	CONF	0 ... 1	F	2.16.840.1.113883.5.88 (HL7 ParticipationFunction)		
└ h17:time	IVL_TS.EPSOS.TZ.OPT	0 ... 1	R	The element may be present and indicates the time of the participation.	(eHD... IPS)	
└ h17:associatedEntity			R	The element identifies the type of contact. The classCode attribute shall be present, and contains a value from the epSOSRoleClass value set when used for the patient contacts; 'PRS' when used for "Preferred HP / Legal Organization".	(eHD... IPS)	
└ @classCode	cs	1 ... 1	R		R1.8.6	
	CONF	The value of @classCode shall be drawn from value set 1.3.6.1.4.1.12559.11.10.1.3.1.42.39 epSOSRoleClass (DYNAMIC) or				

Item	DT	Card	Conf	Description	Label
				@classCode shall be "PRS"	
└ h17:code	CV.EPSOS	0 ... 1	R	The relationship between the patient and the guardian or other contact should be recorded in the element. The code attribute is required and comes from the HL7 PersonalRelationshipRoleType vocabulary with codeSystem (2.16.840.1.113883.5.111). The codeSystem attribute is required. The relationship between the patient and his preferred HP comes from the the full RoleCode (2.16.840.1.113883.5.111) codeSystem	R1.8.6
<div style="display: flex; justify-content: space-between; align-items: center;">  epsos-dataelement-35  Role of that person  epSOS Data Set </div>					
	CONF			The value of @code shall be drawn from value set 1.3.6.1.4.1.12559.11.10.1.3.1.42.38 epSOSPersonalRelationship (DYNAMIC)	
└ h17:addr	AD.EPSOS	1 ... 1	R	Patient Contact's / Preferred HP's Address	R1.8.3 / R1.9.2
└ @nullFlavor	cs	0 ... 1	F	NI	
	Schematron assert	role		error	
		test		@nullFlavor or h17:*	
		Message		If addr is not nullflavored at least one sub element has to be provided	
└ h17:streetAddressLine		0 ... *	R	Patient Contact's Street/Number of Street / Preferred HP's Street/Number of Street	R1.8.3.1 / R1.8.3.2 / R1.9.2.1 / R1.9.2.2
└ h17:city		0 ... 1	R	Patient Contact's City / Preferred HP's City	R1.8.2.3 / R1.9.2.3
└ h17:postalCode		0 ... 1	R	Patient Contact's Postal Code / Preferred HP's Postal Code	R1.8.2.4 / R1.9.2.4
└ h17:state		0 ... 1	R	Patient Contact's State or Province / Preferred HP's State or Province	R1.8.2.5 / R1.9.2.5
└ h17:country		0 ... 1	R	Patient Contact's Country / Preferred HP's Country. When used addr.country it is always bound to the epSOSCountry value set	R1.8.2.6 / R1.9.2.6

Item	DT	Card	Conf	Description	Label																		
└ h17:telecom	TEL	1 ... *	R	Patient Contact's / Preferred HP's/Legal Organization telephone or e-mail element is required. If there is no information, the nullFlavor attribute shall have a value of 'UNK' and the "value" and "use" attributes shall be omitted, otherwise the nullFlavor attribute shall not be present, and the "value" and "use" attributes shall be present	R1.8.4.1 / R1.8.4.2 / R1.9.3.1 / R1.9.3.2																		
	<table border="0"> <tr> <td>☉ epsos-dataelement-40</td> <td>● Email</td> <td>● epSOS Data Set</td> </tr> <tr> <td>epsos-dataelement-50</td> <td>● Email</td> <td>● epSOS Data Set</td> </tr> <tr> <td>epsos-dataelement-43</td> <td>● Email</td> <td>● epSOS Data Set</td> </tr> <tr> <td>epsos-dataelement-41</td> <td>● Telephone No</td> <td>● epSOS Data Set</td> </tr> <tr> <td>epsos-dataelement-39</td> <td>● Telephone No</td> <td>● epSOS Data Set</td> </tr> <tr> <td>epsos-dataelement-49</td> <td>● Telephone No</td> <td>● epSOS Data Set</td> </tr> </table>					☉ epsos-dataelement-40	● Email	● epSOS Data Set	epsos-dataelement-50	● Email	● epSOS Data Set	epsos-dataelement-43	● Email	● epSOS Data Set	epsos-dataelement-41	● Telephone No	● epSOS Data Set	epsos-dataelement-39	● Telephone No	● epSOS Data Set	epsos-dataelement-49	● Telephone No	● epSOS Data Set
☉ epsos-dataelement-40	● Email	● epSOS Data Set																					
epsos-dataelement-50	● Email	● epSOS Data Set																					
epsos-dataelement-43	● Email	● epSOS Data Set																					
epsos-dataelement-41	● Telephone No	● epSOS Data Set																					
epsos-dataelement-39	● Telephone No	● epSOS Data Set																					
epsos-dataelement-49	● Telephone No	● epSOS Data Set																					
└ @use	set_cs	0 ... 1																					
	CONF	The value of @use shall be drawn from value set 1.3.6.1.4.1.12559.11.10.1.3.1.42.40 epSOSTelecomAddress (DYNAMIC)																					
└ @nullFlavor	cs	0 ... 1	F	NI																			
Example	<pre><telecom use="WP" value="tel:+45 20 7025 6161"/> <telecom use="HP" value="mailto:jsmith@myprovider.co.uk"/></pre>																						
Choice		1 ... 1		Elements to choose from:																			
				<ul style="list-style-type: none"> h17:associatedPerson h17:scopingOrganization 																			
└ h17:associatedPerson			R		(eHD... IPS)																		
└ h17:name	PN	1 ... 1	R	Patient Contact's Name / Preferred HP's Name	IHE PCC / R1.9.1																		
	<table border="0"> <tr> <td>☉ epsos-dataelement-46</td> <td>● Full Name</td> <td>● epSOS Data Set</td> </tr> </table>					☉ epsos-dataelement-46	● Full Name	● epSOS Data Set															
☉ epsos-dataelement-46	● Full Name	● epSOS Data Set																					
Example	<name>																						

Item	DT	Card	Conf	Description	Label
				<pre><given>John</given> <family>Español Smith</family> </name></pre>	
<i>Choice</i>		2 ... *		Elements to choose from: <ul style="list-style-type: none"> hl7:family hl7:given 	
└ h17:family		1 ... *	R	Patient Contact's Family Name/Surname / Preferred HP's Family Name/Surname	R1.8.1 / R1.9.1.1
				epsos-dataelement-38 Family Name/Surname epSOS Data Set epsos-dataelement-48 Family Name/Surname epSOS Data Set	
└ h17:given		1 ... *	R	Patient Contact's Given Name / Preferred HP's Given Name	R1.8.2 / R1.9.1.2
				epsos-dataelement-37 Given Name epSOS Data Set epsos-dataelement-47 Given Name epSOS Data Set	
└ h17:scopingOrganization			R		(eHD... IPS)
└ h17:name	ON	1 ... 1	R	Organization's Name	R1.9.1
				epsos-dataelement-33 Organization Name epSOS Data Set	
<i>Included</i>		1 ... 1	R	from 2.16.840.1.113883.3.1937.777.11.10.106 epSOS CDA documentationOf PCPR (DYNAMIC)	
└ h17:documentationOf		1 ... 1	R		(eHD... IPS)
└ @typeCode	cs	1 ... 1	F	DOC	
└ h17:serviceEvent		1 ... 1	R		(eHD... IPS)

Item	DT	Card	Conf	Description	Label
└ @classCode	cs	1 ... 1	F	PCPR	
└ @moodCode	cs	1 ... 1	F	EVN	
└ hl7:id	II.EPSOS	0 ... *	R		(eHD... IPS)
└ hl7:code	CE.EPSOS	0 ... 1	R		(eHD... IPS)
Choice		1 ... 1		Elements to choose from: <ul style="list-style-type: none"> hl7:effectiveTime[hl7:high] hl7:effectiveTime[@nullFlavor or @value] 	
└ hl7:effectiveTime	IVL_TS	... 1	R		(eHD... IPS)
where [hl7:high]					
└ hl7:low	TS	0 ... 1	R		(eHD... IPS)
└ hl7:high	TS	1 ... 1	R		(eHD... IPS)
└ hl7:effectiveTime	TS	... 1	R		(eHD... IPS)
where [@nullFlavor or @value]					
└ hl7:performer		0 ... *	R	represents the healthcare providers involved in the current or pertinent historical care of the patient. Preferably, the patient's key healthcare providers would be listed, particularly their primary physician and any active consulting physicians, therapists, and counselors	(eHD... IPS)
└ @typeCode	cs	1 ... 1	R		
	CONF			The value of @typeCode shall be drawn from value set 2.16.840.1.113883.1.11.19601 x_ServiceEventPerformer (DYNAMIC)	

Item	DT	Card	Conf	Description	Label
└ h17:functionCode	CE.EPSOS	1 ... 1	R		(eHD... IPS)
	CONF	The value of @code shall be drawn from value set 1.3.6.1.4.1.12559.11.10.1.3.1.42.1 <i>epSOSHealthcareProfessionalRoles</i> (DYNAMIC)			
└ h17:time	IVL_TS	0 ... 1	R		(eHD... IPS)
└ h17:assignedEntity		1 ... 1	M		(eHD... IPS)
└ h17:id	II.EPSOS	1 ... *	R	HP ID number	(eHD... IPS)
└ h17:code	CE.EPSOS	0 ... 1	R	HP Specialty	(eHD... IPS)
└ h17:addr	AD.EPSOS	1 ... *	R		IHE PCC
└ h17:telecom	TEL	1 ... *	R	<p>Performer's Telecom</p> <p>If there is no information, the nullFlavor attribute shall have a value of 'NI' and the "value" and "use" attributes shall be omitted, otherwise the nullFlavor attribute shall not be present, and the "value" and "use" attributes shall be present.</p> <p>Optionalities and Cardinalities of the following two items shall be interpreted according to this rule: e.g. is not expected to have two nullFlavored telecom elements.</p>	R1.10.8
└ @use	set_cs	0 ... 1			
	CONF	The value of @use shall be drawn from value set 1.3.6.1.4.1.12559.11.10.1.3.1.42.40 <i>epSOSTelecomAddress</i> (DYNAMIC)			
└ @nullFlavor	cs	0 ... 1	F	NI	
Example		<pre><telecom use="WP" value="tel:+45 20 7025 6161"/> <telecom use="HP" value="mailto:jsmith@myprovider.co.uk"/></pre>			


Item	DT	Card	Conf	Description	Label
└ h17:assignedPerson		0 ... 1		Contains 2.16.840.1.113883.3.1937.777.11.10.113 CDA Person (DYNAMIC)	(eHD... IPS)
└ h17:representedOrganization		0 ... 1		Contains 2.16.840.1.113883.3.1937.777.11.10.111 epSOS CDA Organization (DYNAMIC)	(eHD... IPS)
Included		1 ... 1	M	from 2.16.840.1.113883.3.1937.777.11.10.107 epSOS CDA relatedDocument (DYNAMIC)	
└ h17:relatedDocument		1 ... 1	M		(eHD... IPS)
└ @typeCode	cs	1 ... 1	R		
	CONF			The value of @typeCode shall be drawn from value set 2.16.840.1.113883.1.11.11610 x_ActRelationshipDocument (DYNAMIC)	
└ h17:parentDocument		1 ... 1	R		(eHD... IPS)
└ @classCode		0 ... 1	F	DOCCLIN	
└ @moodCode		0 ... 1	F	EVN	
└ h17:id	II.EPSOS	1 ... *	R		(eHD... IPS)
└ h17:code	CD.EPSOS	0 ... 1	R		(eHD... IPS)
└ @codeSystem	CONF	0 ... 1	F	2.16.840.1.113883.6.1 (LOINC)	
└ h17:text	ED	0 ... 1	R		(eHD... IPS)
└ h17:setId	II.EPSOS	0 ... 1	R		(eHD... IPS)

Item	DT	Card	Conf	Description	Label
└ h17:versionNumber	INT	0 ... 1	R		(eHD... IPS)
└ h17:component		1 ... 1	M		(eHD... IPS)
└ h17:nonXMLBody		1 ... 1	M		(eHD... IPS)
└ @classCode	cs	1 ... 1	F	DOCBODY	
└ @moodCode	cs	1 ... 1	F	EVN	
└ h17:text		1 ... 1	M	This element is used in this template to embed the PDF representation of the original document produced in the Country of Affiliation (Country A). The reference element shall never be used for this template.	(eHD... IPS)
└ @mediaType	cs	1 ... 1	F	application/pdf	
└ @representation	cs	1 ... 1	F	B64	
	Constraint	The encoding rules of the pdf, including the allowed pdf formats, SHALL be the same defined by the IHE XDS-SD profile			
└ h17:reference			NP		(eHD... IPS)

7.1.3 epSOS-ePrescription 1.3.6.1.4.1.12559.11.10.1.3.1.1.1 - 2013-12-20

Direction	Underlying Model	Template name	Schematron
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 back ClinicalDocument ePrescription epsos-ePrescription.sch

Id	1.3.6.1.4.1.12559.11.10.1.3.1.1.1	Effective Date	2013-12-20
Status	 Active	Version Label	
Name	epSOS-eP	Display Name	epSOS-ePrescription

Description

Note for the readers

This template version represents the best representation of the original epSOS/EXPAND specifications in ART DECOR. However the original epSOS/EXPAND specifications in Microsoft Word took the original IHE Templates and added constraints in written language. This actually is not best practice in electronic Template Design because the additional constraints are not assigned to the original IHE template but rather than that are text only constraints. In order to make everything computable new Template OIDs need to be assigned to the epSOS Templates in order to cover both, the original IHE Template Design and the additional constraints from epSOS in the text and represent them electronically.

Caveat: for the above mentioned reasons this version cannot be used for (automatic) testing/validation purposes. It shall be used however as basis for refinement (repository)

Note: there is a new version planned that covers all above and makes proper testing/validation possible

epSOS ePrescription Template

The implementers must be familiar with the context of the project, as it shall not be repeated in this document. The implementers must also be familiar with the content of the following documents:

- CDA Release 2.0 Normative Web Edition, May, 2005
- HL7 Implementation Guide: CDA Release 2 – Continuity of Care Document (CCD), HL7, April 1, 2007.
- Integrating the Healthcare Enterprise, Patient Care Coordination Technical Framework, Volume 1 and Volume 2- Revision 10, IHE International, November 4, 2014.
- Integrating the Healthcare Enterprise, Patient Care Coordination CDA Content Modules- Trial Implementation Supplement, December 3, 2014.
- HL7 Implementation Guide for CDA Release 2: History and Physical (H&P) Notes, HL7, July 16, 2008.
- .

It must also be noted that although the guidelines are based on the above documents, they contain specific developments particular to the project epSOS. This document can be used as a standalone to develop the syntax of the epSOS documents; however in order to achieve the full functionality of the epSOS Semantic Services, they are to be used within the context of the deliverable 3.9.1.

Context	Pathname /
Classification	CDA Document Level Template
Open/Closed	Open (other than defined elements are allowed)

Used by / Uses

Used by 1 transaction and 0 templates, Uses 8 templates

Used by	as	Name	Version
epsos-transactions-19	Transaction	Return eP from country A	2013-11-02

Uses	as	Name	Version
2.16.840.1.113883.3.1937.777.11.10.110	Include	epSOS CDA Id	DYNAMIC
2.16.840.1.113883.3.1937.777.11.10.108	Include	epSOS CDA setId	DYNAMIC
2.16.840.1.113883.3.1937.777.11.10.100	Include	epSOS CDA recordTarget	DYNAMIC
2.16.840.1.113883.3.1937.777.11.10.103	Include	epSOS CDA author prescriber	DYNAMIC
2.16.840.1.113883.3.1937.777.11.10.104	Include	epSOS CDA custodian	DYNAMIC
2.16.840.1.113883.3.1937.777.11.10.109	Include	epSOS CDA legalAuthenticator	DYNAMIC
2.16.840.1.113883.3.1937.777.11.10.107	Include	epSOS CDA relatedDocument	DYNAMIC
1.3.6.1.4.1.12559.11.10.1.3.1.2.1	Containment	Section Prescription	DYNAMIC


Relationship

Specialization: template 2.16.840.1.113883.10.12.1 (2005-09-07)



There is an open issue with this item:
 ▪ epsos-issue-165: *realmCode* (Open)




Item	DT	Card	Conf	Description	Label
h17:ClinicalDocument			R	CDA header	(epS... -eP)
└ h17:realmCode	CS	0 ... 1	R		(epS... -eP)
└ h17:typeId	II.EPSOS	1 ... 1	M	The clinical document typeId identifies the constraints imposed by CDA R2 on the content, essentially acting as a version identifier. The @root and @extension values of this element are specified as shown in the <i>example</i> below.	(epS... -eP)
└ @root	uid	1 ... 1	F	2.16.840.1.113883.1.3	

Item	DT	Card	Conf	Description	Label
└ @extension	st	1 ... 1	F	POCD_HD000040	
	Example	<code><typeId extension="POCD_HD000040" root="2.16.840.1.113883.1.3"/></code>			
└ h17:templateId	II.EPSOS	1 ... 1	M	Template ID for epSOS ePrescription document	(epS... -eP)
└ @root	uid	1 ... 1	F	1.3.6.1.4.1.12559.11.10.1.3.1.1.1	
	Example	<code><templateId root="1.3.6.1.4.1.12559.11.10.1.3.1.1.1"/></code>			
Included		1 ... 1	M	from 2.16.840.1.113883.3.1937.777.11.10.110 <i>epSOS CDA Id</i> (DYNAMIC)	
└ h17:id		1 ... 1	M	The <code>ClinicalDocument/id</code> element is an instance identifier data type. The root attribute is an OID. If there is a value in <code>@extension</code> , then the root uniquely identifies the scope of the extension. If there is no value in <code>@extension</code> then <code>@root</code> SHALL uniquely identify the document UUIDs SHALL be represented in the form XXXXXXXX-XXXX-XXXX-XXXX-XXXXXXXXXXXX, where each X is a character from the set [A-Fa-f0-9]. OIDs SHALL be represented in dotted decimal notation, where each decimal number is either 0, or starts with a nonzero digit. More formally, an OID SHALL be in the form <code>((0-2]).([1-9][0-9]* 0)+</code> .	R1.11.3
	 epsos-dataelement-176  Identification  epSOS Data Set				
	Example	<code><id extension="a621" root="2.16.840.1.113883.3.1937.777.11.9999"/></code>			
└ h17:code	CV.EPSOS	1 ... 1	M	Determines the document type "epSOS ePrescription"	R1.11.6
└ @displayName		1 ... 1	R		
└ @code	CONF	1 ... 1	F	57833-6	

Item	DT	Card	Conf	Description	Label
└ @codeSystem		1 ... 1	F	2.16.840.1.113883.6.1 (LOINC)	
	Example	<code><code code="57833-6" codeSystem="2.16.840.1.113883.6.1" codeSystemName="LOINC" displayName="Prescription for medication Document"/></code>			
└ h17:title	ST	1 ... 1	M	ClinicalDocument/title is used for display purposes.	R1.11.7
	Example	<code><title>epSOS ePrescription Maria Bakker November 13, 2011</title></code>			
└ h17:effectiveTime	TS.EPSOS.TZ	1 ... 1	M	The element contains the date and time at which this document was created as an electronic document.	R1.11.1
	Example	<code><effectiveTime value="20111113125600+0200"/></code>			
└ h17:confidentialityCode	CE.EPSOS	1 ... 1	R	ClinicalDocument/confidentialityCode shall be present in accordance with the HL7 CDA R2 standard.	R1.11.8
	CONF	The value of @code shall be drawn from value set 1.3.6.1.4.1.12559.11.10.1.3.1.42.31 <i>epSOSConfidentiality</i> (DYNAMIC)			
	Example	<code><confidentialityCode code="N" codeSystem="2.16.840.1.113883.5.25"/></code>			
└ h17:languageCode	CS	1 ... 1	M	Document Language Code <ul style="list-style-type: none"> ▪ The language code SHALL be in the form nn-CC. ▪ The nn portion SHALL be an ISO-639-1 language code in lower case derived by the Value Set epSOSLanguage. ▪ The CC portion SHALL be an ISO-3166 country code in upper case derived by the value Set epSOSCountry 	R.11.10
	Example	<code><languageCode code="en-GB"/></code>			
	Schematron assert	role	error		
		test	matches(@code,'[a-z]{2}-[A-Z]{2}')		
		Message	The language code SHALL be in the form nn-CC where nn is ISO-639-1 epSOSLanguage and CC is ISO-3166 epSOSCountry		
Included		0 ... 1		from 2.16.840.1.113883.3.1937.777.11.10.108 <i>epSOS CDA setId</i> (DYNAMIC)	
└ h17:setId		0 ... 1	R	This attribute “represents an identifier that is common across all document revisions”.	(epS...-eP)




Item	DT	Card	Conf	Description	Label
				In the case of the NCP transcoding /translation this is the ID that remains unchanged among all the existing transformations. Implementers are recommended to use this attribute.	
└ h17:versionNumber		0 ... 1	R		(epS...-eP)
<i>Included</i>		1 ... 1	M	from 2.16.840.1.113883.3.1937.777.11.10.100 epSOS CDA recordTarget (DYNAMIC)	
└ h17:recordTarget		1 ... 1	M		(epS...-eP)
<div style="display: flex; justify-content: space-between; align-items: center;"> 🎯 epsos-dataelement-5 🟡 Patient Data 🟡 epSOS Data Set </div>					
└ @typeCode	cs	0 ... 1	F	RCT	
└ @contextControlCode	cs	0 ... 1	F	OP	
└ h17:patientRole		1 ... 1	M		(epS...-eP)
<div style="display: flex; justify-content: space-between; align-items: center;"> 🎯 epsos-dataelement-26 🟡 Contact Information 🟡 epSOS Data Set </div>					
└ @classCode	cs	0 ... 1	F	PAT	
└ h17:id	II.EPSOS	1 ... *	R	Patient Identifiers: Primary Patient Identifier (Regional/National Health Id), Secondary Patient Identifier (Social/Insurance Number)	R1.4 / R1.4.1 / R1.4.2
<div style="display: flex; justify-content: space-between; align-items: center;"> 🎯 epsos-dataelement-235 🟡 Other Identifier 🟡 epSOS Data Set </div> <div style="display: flex; justify-content: space-between; align-items: center; margin-top: 5px;"> epsos-dataelement-7 🟡 National Health Care patient ID (country of affiliation) 🟡 epSOS Data Set </div> <div style="display: flex; justify-content: space-between; align-items: center; margin-top: 5px;"> epsos-dataelement-234 🟡 National Health Care patient ID (country of affiliation) 🟡 epSOS Data Set </div>					













Item	DT	Card	Conf	Description	Label
				treatment) epsos-dataelement-6  Identification  epSOS Data Set	
└ h17:addr	AD.EPSOS	1 ... 1	R	The patient address element is required. If there is no information, the nullFlavor attribute shall have a value of 'NI' and no address parts shall be present, otherwise there shall be no nullFlavor attribute, and at least one of the address parts listed below shall be present.	R1.5
				 epsos-dataelement-27  Address  epSOS Data Set	
└ @nullFlavor	cs	0 ... 1	F	NI	
└ h17:streetAddressLine		0 ... *	R	Patient's Number of Street/Patient's Number of Street	R1.5.1 / R1.5.2
				 epsos-dataelement-51  Street  epSOS Data Set epsos-dataelement-52  Number of Street  epSOS Data Set	
└ h17:city		0 ... 1	R	Patient's City	R1.5.3
				 epsos-dataelement-55  City  epSOS Data Set	
└ h17:postalCode		0 ... 1	R	Patient's Postal Code	R1.5.4
				 epsos-dataelement-53  Postal Code  epSOS Data Set	
└ h17:state		0 ... 1	R	Patient's State or Province	R1.5.5
				 epsos-dataelement-56  State or Province  epSOS Data Set	
└ h17:country		0 ... 1	R	Patient's Country. When used addr.country it is always bound to the epSOSCountry value set	R1.5.6

Item	DT	Card	Conf	Description	Label
	 epsos-dataelement-54			 Country	 epSOS Data Set
	CONF			The value of @code shall be drawn from value set 1.3.6.1.4.1.12559.11.10.1.3.1.42.4 <i>epSOSCountry</i> (DYNAMIC)	
└ h17:telecom	TEL	1 ... *	R	Patient's telephone number / Patient e-mail address. The patient telephone or e-mail element is required. If there is no information, the nullFlavor attribute shall have a value of 'NI' and the "value" and "use" attributes shall be omitted, otherwise the nullFlavor attribute shall not be present, and the "value" and "use" attributes shall be present Optionalities and Cardinalities of the following two items shall be interpreted according to this rule: e.g. is not expected to have two nullFlavored telecom elements.	R1.6.1 / R1.6.2
	 epsos-dataelement-28 epsos-dataelement-300 epsos-dataelement-29			 Telephone No  Telecom  Email	 epSOS Data Set  epSOS Data Set  epSOS Data Set
└ @use	set_cs	0 ... 1			
	CONF			The value of @use shall be drawn from value set 1.3.6.1.4.1.12559.11.10.1.3.1.42.40 <i>epSOSTelecomAddress</i> (DYNAMIC)	
└ @nullFlavor	cs	0 ... 1	F	NI	
└ h17:patient		1 ... 1	M		(epS...-eP)
	 epsos-dataelement-8			 Personal Information	 epSOS Data Set
└ @classCode	cs	0 ... 1	F	PSN	
└ @determinerCode	cs	0 ... 1	F	INSTANCE	
└ h17:name	PN	1 ... *	R	Patient Name	R1.1

Item	DT	Card	Conf	Description	Label
	⊙ epsos-dataelement-9			● Full Name	● epSOS Data Set
└ h17:family		1 ... *	M	Patient's Family Name/Surname	R1.1.1
	⊙ epsos-dataelement-13			● Family Name/Surname	● epSOS Data Set
└ h17:prefix		0 ... *	R	Patient's Prefix	R1.1.2
	⊙ epsos-dataelement-263			● Prefix	● epSOS Data Set
	Constraint	If the attribute qualifier is used for this element it should be derived from epSOSEntityNamePartQualifier 2.16.840.1.113883.5.43			
└ h17:given		1 ... *	M	Patient's Given Name	R1.1.3
	⊙ epsos-dataelement-12			● Given name	● epSOS Data Set
└ h17:administrativeGenderCode	CE.EPSOS	1 ... 1	R	Patient's Gender	R1.2
	⊙ epsos-dataelement-11			● Gender	● epSOS Data Set
└ @nullFlavor	cs	0 ... 1	F	UNK	
	CONF	The value of @code shall be drawn from value set 1.3.6.1.4.1.12559.11.10.1.3.1.42.34 epSOSAdministrativeGender (DYNAMIC)			
└ h17:birthTime	TS	1 ... 1	M	Patient's Date of Birth. The patient date of birth may be a partial date such as only the year.	R1.3
	⊙ epsos-dataelement-10			● Date of Birth	● epSOS Data Set

Item	DT	Card	Conf	Description	Label
└ h17:guardian		0 ... *	R	<p>The guardians of a patient shall be recorded in the <guardian> element beneath the /ClinicalDocument/recordTarget/patientRole/patient XML - <patient> element. Other patient contacts are described using the /ClinicalDocument/participant structure. The <associatedEntity> element defines the type of contact.</p> <p>The relationship between the patient and the guardian or other contact should be recorded in the <code> element. The code attribute is required and comes from the HL7 PersonalRelationshipRoleType vocabulary (epSOSPersonalRelationship value set).</p> <p>The address of the guardian or other contact should be present, and shall be represented, as any other address would be in CDA.</p> <p>The phone number of the guardian or other contact should be present, and shall be represented, as any other phone number would be in CDA.</p> <p>The name of the guardian or other contact shall be present, and shall be represented, as any other name would be in CDA.</p>	R1.7.A
└ @classCode	cs	1 ... 1	F	GUARD	
└ @nullFlavor	cs	0 ... 1		Use nullFlavor if unknown or if no information is applicable	
Example				<pre> <guardian classCode="GUARD"> <templateId root="1.3.6.1.4.1.19376.1.5.3.1.2.4"/> <addr> <streetAddressLine>2222 Home Street</streetAddressLine> <city>London</city> <state>London</state> <postalCode>A1B 2C3</postalCode> <country>UK</country> </addr> <telecom value="tel:+452070256161"/> <telecom value="mailto:jsmith@myprovider.co.uk"/> <guardianPerson> <name> <given>John</given> <family>Español Smith</family> </name> </pre>	

Item	DT	Card	Conf	Description	Label
				</guardianPerson> </guardian>	
└ h17:templateId	I1.EPSOS	1 ... 1	M	Template id for IHE PCC Patient Contacts	R1.7.A
└ @root	uid	1 ... 1	F	1.3.6.1.4.1.19376.1.5.3.1.2.4	
└ h17:addr	AD.EPSOS	1 ... 1	R	The guardian's address element is required. If there is no information, the nullFlavor attribute shall have a value of 'NI' and no address parts shall be present, otherwise there shall be no nullFlavor attribute, and at least one of the address parts listed below shall be present	R1.7.A
└ @nullFlavor	cs	0 ... 1	F	NI	
└ h17:streetAddressLine		0 ... *	R	Guardian's Number of Street/Guardian's Number of Street	R1.7... .3.2
└ h17:city		0 ... 1	R	Guardian's City	R1.7... .3.3
└ h17:postalCode		0 ... 1	R	Guardian's Postal Code	R1.7... .3.4
└ h17:state		0 ... 1	R	Guardian's State or Province	R1.7... .3.5
└ h17:country		0 ... 1	R	Guardian's Country. When used addr.country it is always bound to the epSOSCountry value set	R1.7... .3.6
	CONF			The value of @code shall be drawn from value set 1.3.6.1.4.1.12559.11.10.1.3.1.42.4 epSOSCountry (DYNAMIC)	
└ h17:telecom	TEL	1 ... *	R	Guardian's telephone number / Patient e-mail address. The guardian telephone or e-mail element is required. If there is no information, the nullFlavor attribute shall have a value of 'NI' and the "value" and "use" attributes shall be omitted, otherwise the nullFlavor attribute shall not be present, and the "value" and "use" attributes shall be present. Optionalities and Cardinalities of the following two items shall be interpreted according to this rule: e.g. is not expected to have two nullFlavored telecom elements.	R1.7... .4.2
	 epsos-dataelement-39		 Telephone No		 epSOS Data Set

Item	DT	Card	Conf	Description	Label
└ @use	set_cs	0 ... 1			
	CONF			The value of @use shall be drawn from value set 1.3.6.1.4.1.12559.11.10.1.3.1.42.40 epSOSTelecomAddress (DYNAMIC)	
└ @nullFlavor	cs	0 ... 1	F	NI	
└ h17:guardianPerson		1 ... 1	R		R1.7.A
	 epsos-dataelement-34			 Contact Person/legal guardian	 epSOS Data Set
└ h17:name	PN	1 ... *	R	Patient Guardian's Name	IHE PCC
	 epsos-dataelement-36			 Full Name	 epSOS Data Set
Choice		2 ... *		Elements to choose from: <ul style="list-style-type: none"> ▪ h17:family ▪ h17:given 	
└ h17:family		1 ... *	R	Patient Guardian's Family Name/Surname	R1.7.A.1
	 epsos-dataelement-38			 Family Name/Surname	 epSOS Data Set
└ h17:given		1 ... *	R	Patient Guardian's Given Name	R1.7.A.2
	 epsos-dataelement-37			 Given Name	 epSOS Data Set
└ h17:languageCommunication		0 ... *	R	This element is derived from the IHE template LanguageCommunication (1.3.6.1.4.1.19376.1.5.3.1.2.1), however this template does not need the element preferenceInd because the language is already said to be the "preferred language".	(epS... -eP)

Item	DT	Card	Conf	Description	Label
└ h17:languageCode	CS	1 ... 1	R	Patient's preferred language <ul style="list-style-type: none"> The language code SHALL be in the form nn-CC. The nn portion SHALL be an ISO-639-1 language code in lower case derived by the Value Set epSOSLanguage. The CC portion SHALL be an ISO-3166 country code in upper case derived by the value Set epSOSCountry 	R1.7
	Example	<languageCode code="en-GB"/>			
	Schematron assert	role	error		
		test	matches(@code,'[a-z]{2}-[A-Z]{2}')		
		Message	The language code SHALL be in the form nn-CC where nn is ISO-639-1 epSOSLanguage and CC is ISO-3166 epSOSCountry		
Included		1 ... *	M	from 2.16.840.1.113883.3.1937.777.11.10.103 epSOS CDA author prescriber (DYNAMIC)	
└ h17:author		1 ... *	M		(epS...-eP)
└ @typeCode	cs	0 ... 1	F	AUT	
└ @contextControlCode	cs	0 ... 1	F	OP	
└ h17:functionCode	CE.EPSOS	1 ... 1	M		R1.10.6
	CONF	The value of @code shall be drawn from value set 1.3.6.1.4.1.12559.11.10.1.3.1.42.1 epSOSHealthcareProfessionalRoles (DYNAMIC)			
└ h17:time	TS.EPSOS.TZ	1 ... 1	R	The author/time element represents the start time of the author's participation in the creation of the clinical document. The author/time element SHALL be present.	(epS...-eP)
└ h17:assignedAuthor		1 ... 1	R		(epS...-eP)
└ @classCode	cs	0 ... 1	F	ASSIGNED	
	Schematron assert	role	error		

Item	DT	Card	Conf	Description	Label
		test		@nullFlavor or hl7:assignedPerson or hl7:assignedAuthoringDevice	
		Message		If assignedAuthor has an associated representedOrganization with no assignedPerson or assignedAuthoringDevice, then the value for "ClinicalDocument/author/assignedAuthor/id/@NullFlavor" SHALL be "NA" "Not applicable" 2.16.840.1.113883.5.1008 NullFlavor STATIC.	
└ h17:id	I.EPSOS	1 ... *	R	HP ID number	R1.10.5
└ @nullFlavor	cs	0 ... 1	F	NA	
└ h17:code	CE.EPSOS	0 ... 1	R	HP Specialty	R1.10.7
└ h17:addr	AD.EPSOS	1 ... *	R		IHE PCC
└ h17:telecom	TELE.EPSOS	1 ... *	R	Attribute @value SHALL contain a URI if element telecom is used. The URI scheme SHALL be one of URLScheme	IHE PCC / R1.10.8 / R1.10.8.1 / R1.10.8.2
└ @use	set_cs	0 ... 1			
	CONF			The value of @use shall be drawn from value set 1.3.6.1.4.1.12559.11.10.1.3.1.42.40 epSOSTelecomAddress (DYNAMIC)	
└ h17:assignedPerson		1 ... 1	M		(epS... -eP)
└ @classCode	cs	0 ... 1	F	PSN	
└ @determinerCode	cs	0 ... 1	F	INSTANCE	
└ h17:name	PN	1 ... 1	R	HP Name	IHE PCC
	Example	<name>			

Item	DT	Card	Conf	Description	Label
				<given>John</given> <family>Español Smith</family> </name>	
└ h17:family		1 ... *	R	HP Family Name/Surname	R1.10.1
└ h17:given		1 ... *	R	HP Given Name	R1.10.2
└ h17:prefix		0 ... *	R	HP Prefix	R1.10.3
└ h17:suffix		0 ... *	R	HP Suffix	R1.10.4
└ h17:representedOrganization		1 ... 1	R	Contains 2.16.840.1.113883.3.1937.777.11.10.111 epSOS CDA Organization (DYNAMIC)	R1.10.9
Included		1 ... 1	M	from 2.16.840.1.113883.3.1937.777.11.10.104 epSOS CDA custodian (DYNAMIC)	
└ h17:custodian		1 ... 1	M		(epS... -eP)
└ @typeCode		0 ... 1	F	CST	
└ h17:assignedCustodian		1 ... 1	R		(epS... -eP)
└ @classCode		0 ... 1	F	ASSIGNED	
└ h17:representedCustodianOrganization		1 ... 1	R	Contains 2.16.840.1.113883.3.1937.777.11.10.111 epSOS CDA Organization (DYNAMIC)	R1.10.9
└ @classCode		0 ... 1	F	ORG	
└ @determinerCode		0 ... 1	F	INSTANCE	

Item	DT	Card	Conf	Description	Label
<i>Included</i>		1 ... 1	M	from 2.16.840.1.113883.3.1937.777.11.10.109 <i>epSOS CDA legalAuthenticator</i> (DYNAMIC)	
└ h17:legalAuthenticator		1 ... 1	M	The person taking responsibility for the medical content of the document. In Spain this is the regional authority in healthcare. This regional authority healthcare organization will send this to the NCP. The definition of the legal authenticator may vary according to the rules set up in the framework agreement particular to each state. It may be a person or a regional authority, or an NCP.	R1.11.9
└ h17:time	TS.EPSOS.TZ	1 ... 1	M	Time of signing the document	R1.11.9
└ h17:signatureCode	CS	1 ... 1	R	Signature code	R1.11.9
└ @code	CONF	0 ... 1	F	S	
└ h17:assignedEntity		1 ... 1	M	The regional authority that is responsible for the legal authentication of the CDA document	R1.11.9
└ h17:id		1 ... 1	M	Unique identification of legal authenticator	R1.11.9
└ h17:addr	AD.EPSOS	1 ... *	R		IHE PCC
└ h17:telecom	TEL	1 ... *	R	<p>Legal Authenticator's Telecom</p> <p>If there is no information, the nullFlavor attribute shall have a value of 'NI' and the "value" and "use" attributes shall be omitted, otherwise the nullFlavor attribute shall not be present, and the "value" and "use" attributes shall be present.</p> <p>Optionalities and Cardinalities of the following two items shall be interpreted according to this rule: e.g. is not expected to have two nullFlavored telecom elements.</p>	R1.10.9.4 / R1.10.9.4.1 / R1.10.9.4.2
└ @use	set_cs	0 ... 1			
	CONF			The value of @use shall be drawn from value set 1.3.6.1.4.1.12559.11.10.1.3.1.42.40 <i>epSOSTelecomAddress</i> (DYNAMIC)	


Item	DT	Card	Conf	Description	Label
└ @nullFlavor	cs	0 ... 1	F	NI	
Example				<pre><telecom use="WP" value="tel:+45 20 7025 6161"/> <telecom use="HP" value="mailto:jsmith@myprovider.co.uk"/></pre>	
└ h17:assignedPerson		1 ... 1	R		IHE PCC
└ @classCode	cs	0 ... 1	F	PSN	
└ @determinerCode	cs	0 ... 1	F	INSTANCE	
└ h17:name	PN	1 ... 1	R	HP Name	IHE PCC
Example				<pre><name> <given>John</given> <family>Español Smith</family> </name></pre>	
└ h17:family		1 ... *	M	HP Family Name/Surname	R1.10.1
└ h17:given		1 ... *	M	HP Given Name	R1.10.2
└ h17:prefix		0 ... *	R	HP Prefix	R1.10.3
└ h17:suffix		0 ... *	R	HP Suffix	R1.10.4
└ h17:representedOrganization		1 ... 1	M	Contains 2.16.840.1.113883.3.1937.777.11.10.111 <i>epSOS CDA Organization</i> (DYNAMIC)	R1.11.9
where [not(@nullFlavor)]					
Included		1 ... 1	M	from 2.16.840.1.113883.3.1937.777.11.10.107 <i>epSOS CDA relatedDocument</i> (DYNAMIC)	

Item	DT	Card	Conf	Description	Label
└ h17:relatedDocument		1 ... 1	M		(epS... -eP)
└ @typeCode	cs	1 ... 1	R		
	CONF			The value of @typeCode shall be drawn from value set 2.16.840.1.113883.1.11.11610 <i>x_ActRelationshipDocument</i> (DYNAMIC)	
└ h17:parentDocument		1 ... 1	R		(epS... -eP)
└ @classCode		0 ... 1	F	DOCCLIN	
└ @moodCode		0 ... 1	F	EVN	
└ h17:id	II.EPSOS	1 ... *	R		(epS... -eP)
└ h17:code	CD.EPSOS	0 ... 1	R		(epS... -eP)
└ @codeSystem	CONF	0 ... 1	F	2.16.840.1.113883.6.1 (LOINC)	
└ h17:text	ED	0 ... 1	R		(epS... -eP)
└ h17:setId	II.EPSOS	0 ... 1	R		(epS... -eP)
└ h17:versionNumber	INT	0 ... 1	R		(epS... -eP)
└ h17:component		1 ... 1	M		(epS... -eP)
└ h17:structuredBody		1 ... 1	M		(epS... -eP)

Item	DT	Card	Conf	Description	Label
└ @classCode	cs	0 .. 1	F	DOCBODY	
└ hl7:component		1 .. 1	R	Contains 1.3.6.1.4.1.12559.11.10.1.3.1.2.1 Section Prescription (DYNAMIC)	(epS... -eP)
where [hl7:section [hl7:templateId [@root = '1.3.6.1.4.1.12559.11.10.1.3.1.2.1']]]					

7.1.4 epSOS-eDispensation 1.3.6.1.4.1.12559.11.10.1.3.1.1.2 - 2013-12-20

Direction	Underlying Model	Template name	Schematron
→ initial	ClinicalDocument	eDispensation	epsos-eDispensation.sch

Id	1.3.6.1.4.1.12559.11.10.1.3.1.1.2	Effective Date	2013-12-20
Status	 Active	Version Label	
Name	epSOS-eD	Display Name	epSOS-eDispensation

Description

Note for the readers

This template version represents the best representation of the original epSOS/EXPAND specifications in ART DECOR. However the original epSOS/EXPAND specifications in Microsoft Word took the original IHE Templates and added constraints in written language. This actually is not best practice in electronic Template Design because the additional constraints are not assigned to the original IHE template but rather than that are text only constraints. In order to make everything computable new Template OIDs need to be assigned to the epSOS Templates in order to cover both, the original IHE Template Design and the additional constraints from epSOS in the text and represent them electronically.

Caveat: for the above mentioned reasons this version cannot be used for (automatic) testing/validation purposes. It shall be used however as basis for refinement (repository)

Note: there is a new version planned that covers all above and makes proper testing/validation possible




epSOS eDispensation Template

The implementers must be familiar with the context of the project, as it shall not be repeated in this document. The implementers must also be familiar with the content of the following documents:

- CDA Release 2.0 Normative Web Edition, May, 2005
- HL7 Implementation Guide: CDA Release 2 – Continuity of Care Document (CCD), HL7, April 1, 2007.
- Integrating the Healthcare Enterprise, Patient Care Coordination Technical Framework, Volume 1 and Volume 2- Revision 10, IHE International, November 4, 2014.
- Integrating the Healthcare Enterprise, Patient Care Coordination CDA Content Modules- Trial Implementation Supplement, December 3, 2014.
- HL7 Implementation Guide for CDA Release 2: History and Physical (H&P) Notes, HL7, July 16, 2008.

It must also be noted that although the guidelines are based on the above documents, they contain specific developments particular to the project epSOS. This document can be used as a standalone to develop the syntax of the epSOS documents; however in order to achieve the full functionality of the epSOS Semantic Services, they are to be used within the context of the deliverable 3.9.1.

Context	Pathname /		
Classification	CDA Document Level Template		
Open/Closed	Open (other than defined elements are allowed)		
Used by / Uses	Used by 1 transaction and 0 templates, Uses 9 templates		
	Used by	as	Name
	epsos-transactions-25	Transaction	Send eD to country A
	Uses	as	Name
	2.16.840.1.113883.3.1937.777.11.10.110	Include	epSOS CDA Id
	2.16.840.1.113883.3.1937.777.11.10.108	Include	epSOS CDA setId
	2.16.840.1.113883.3.1937.777.11.10.100	Include	epSOS CDA recordTarget
	2.16.840.1.113883.3.1937.777.11.10.102	Include	epSOS CDA author
2.16.840.1.113883.3.1937.777.11.10.104	Include	epSOS CDA custodian	
2.16.840.1.113883.3.1937.777.11.10.109	Include	epSOS CDA legalAuthenticator	
			Version
			2013-11-02
			DYNAMIC
			DYNAMIC
			DYNAMIC
			DYNAMIC
			DYNAMIC
			DYNAMIC

2.16.840.1.113883.3.1937.777.11.10.115	Include		CDA inFulfillmentOf	DYNAMIC
2.16.840.1.113883.3.1937.777.11.10.107	Include		epSOS CDA relatedDocument	DYNAMIC
1.3.6.1.4.1.12559.11.10.1.3.1.2.2	Containment		Section Dispensation	DYNAMIC

Relationship

Specialization: template 2.16.840.1.113883.10.12.1 (2005-09-07)

There are open issues with this item:

























- epsos-issue-166: *realmCode* (Open)
- epsos-issue-220: *see epsos-issue-219* (Open)
- epsos-issue-221: *can not have more than one legalAuthenticator* (In Progress)

Item	DT	Card	Conf	Description	Label
h17:ClinicalDocument			R	CDA header	(epS... -eD)
└ h17:realmCode	CS	0 ... 1	R		(epS... -eD)
└ h17:typeId	II.EPSOS	1 ... 1	M	The clinical document typeId identifies the constraints imposed by CDA R2 on the content, essentially acting as a version identifier. The @root and @extension values of this element are specified as shown in the <i>example</i> below.	(epS... -eD)
└ @root	uid	1 ... 1	F	2.16.840.1.113883.1.3	
└ @extension	st	1 ... 1	F	POCD_HD000040	
Example				<code><typeId extension="POCD_HD000040" root="2.16.840.1.113883.1.3"/></code>	
└ h17:templateId	II.EPSOS	1 ... 1	M	Template ID for epSOS eDispensation document	(epS... -eD)
└ @root	uid	1 ... 1	F	1.3.6.1.4.1.12559.11.10.1.3.1.1.2	
Example				<code><templateId root="1.3.6.1.4.1.12559.11.10.1.3.1.1.2"/></code>	

Item	DT	Card	Conf	Description	Label
Included		1 ... 1	M	from 2.16.840.1.113883.3.1937.777.11.10.110 epSOS CDA Id (DYNAMIC)	
└ h17:id		1 ... 1	M	<p>The ClinicalDocument/id element is an instance identifier data type. The root attribute is an OID. If there is a value in @extension, then the root uniquely identifies the scope of the extension. If there is no value in @extension then @root SHALL uniquely identify the document</p> <p>UUIDs SHALL be represented in the form XXXXXXXX-XXXX-XXXX-XXXX-XXXXXXXXXXXX, where each X is a character from the set [A-Fa-f0-9].</p> <p>OIDs SHALL be represented in dotted decimal notation, where each decimal number is either 0, or starts with a nonzero digit. More formally, an OID SHALL be in the form ([0-2]).([1-9][0-9]* 0)+.</p>	R1.11.3
<div style="display: flex; justify-content: space-between; align-items: center;">  epsos-dataelement-176  Identification  epSOS Data Set </div>					
Example		<code><id extension="a621" root="2.16.840.1.113883.3.1937.777.11.9999"/></code>			
└ h17:code	CV.EPSOS	1 ... 1	M	Determines the document type "epSOS eDispensation"	R1.11.6
└ @displayName		1 ... 1	R		
└ @code	CONF	1 ... 1	F	60593-1	
└ @codeSystem		1 ... 1	F	2.16.840.1.113883.6.1 (LOINC)	
Example		<code><code code="60593-1" codeSystem="2.16.840.1.113883.6.1" codeSystemName="LOINC" displayName="Medication dispensed.extended Document"/></code>			
└ h17:title	ST	1 ... 1	M	ClinicalDocument/title is used for display purposes.	R1.11.7
Example		<code><title>epSOS eDispensation Maria Bakker November 13, 2011</title></code>			
└ h17:effectiveTime	TS.EPSOS.TZ	1 ... 1	M	The element contains the date and time at which this document was created as an electronic document.	R1.11.1
Example		<code><effectiveTime value="20111113125600+0200"/></code>			

Item	DT	Card	Conf	Description	Label
└ h17:confidentialityCode	CE.EPSOS	1 ... 1	R	ClinicalDocument/confidentialityCode shall be present in accordance with the HL7 CDA R2 standard.	R1.11.8
	CONF	The value of @code shall be drawn from value set 1.3.6.1.4.1.12559.11.10.1.3.1.42.31 epSOSConfidentiality (DYNAMIC)			
	Example	<confidentialityCode code="N" codeSystem="2.16.840.1.113883.5.25"/>			
└ h17:languageCode	CS	1 ... 1	M	Document Language Code <ul style="list-style-type: none"> ▪ The language code SHALL be in the form nn-CC. ▪ The nn portion SHALL be an ISO-639-1 language code in lower case derived by the Value Set epSOSLanguage. ▪ The CC portion SHALL be an ISO-3166 country code in upper case derived by the value Set epSOSCountry 	R.11.10
	Example	<languageCode code="en-GB"/>			
	Schematron assert	role	error		
		test	matches(@code,'[a-z]{2}-[A-Z]{2}')		
		Message	The language code SHALL be in the form nn-CC where nn is ISO-639-1 epSOSLanguage and CC is ISO-3166 epSOSCountry		
Included		0 ... 1		from 2.16.840.1.113883.3.1937.777.11.10.108 epSOS CDA setId (DYNAMIC)	
└ h17:setId		0 ... 1	R	This attribute “represents an identifier that is common across all document revisions”. In the case of the NCP transcoding /translation this is the ID that remains unchanged among all the existing transformations. Implementers are recommended to use this attribute.	(epS...-eD)
└ h17:versionNumber		0 ... 1	R		(epS...-eD)
Included		1 ... 1	M	from 2.16.840.1.113883.3.1937.777.11.10.100 epSOS CDA recordTarget (DYNAMIC)	
└ h17:recordTarget		1 ... 1	M		(epS...-eD)
					




Item	DT	Card	Conf	Description	Label
		epsos-dataelement-5		Patient Data	epSOS Data Set
└ @typeCode	cs	0 ... 1	F	RCT	
└ @contextControlCode	cs	0 ... 1	F	OP	
└ h17:patientRole		1 ... 1	M		(epS... -eD)
		epsos-dataelement-26		Contact Information	epSOS Data Set
└ @classCode	cs	0 ... 1	F	PAT	
└ h17:id	II.EPSOS	1 ... *	R	Patient Identifiers: Primary Patient Identifier (Regional/National Health Id), Secondary Patient Identifier (Social/Insurance Number)	R1.4 / R1.4.1 / R1.4.2
		epsos-dataelement-235		Other Identifier	epSOS Data Set
		epsos-dataelement-7		National Health Care patient ID (country of affiliation)	epSOS Data Set
		epsos-dataelement-234		National Health Care patient ID (country of treatment)	epSOS Data Set
		epsos-dataelement-6		Identification	epSOS Data Set
└ h17:addr	AD.EPSOS	1 ... 1	R	The patient address element is required. If there is no information, the nullFlavor attribute shall have a value of 'NI' and no address parts shall be present, otherwise there shall be no nullFlavor attribute, and at least one of the address parts listed below shall be present.	R1.5
		epsos-dataelement-27		Address	epSOS Data Set
└ @nullFlavor	cs	0 ... 1	F	NI	
└ h17:streetAddressLine		0 ... *	R	Patient's Number of Street/Patient's Number of Street	R1.5.1 /




Item	DT	Card	Conf	Description	Label
					R1.5.2
				 epsos-dataelement-51  Street  epSOS Data Set epsos-dataelement-52  Number of Street  epSOS Data Set	
└ h17:city		0 ... 1	R	Patient's City	R1.5.3
				 epsos-dataelement-55  City  epSOS Data Set	
└ h17:postalCode		0 ... 1	R	Patient's Postal Code	R1.5.4
				 epsos-dataelement-53  Postal Code  epSOS Data Set	
└ h17:state		0 ... 1	R	Patient's State or Province	R1.5.5
				 epsos-dataelement-56  State or Province  epSOS Data Set	
└ h17:country		0 ... 1	R	Patient's Country. When used addr.country it is always bound to the epSOSCountry value set	R1.5.6
				 epsos-dataelement-54  Country  epSOS Data Set	
	CONF			The value of @code shall be drawn from value set 1.3.6.1.4.1.12559.11.10.1.3.1.42.4 <i>epSOSCountry</i> (DYNAMIC)	
└ h17:telecom	TEL	1 ... *	R	Patient's telephone number / Patient e-mail address. The patient telephone or e-mail element is required. If there is no information, the nullFlavor attribute shall have a value of 'NI' and the "value" and "use" attributes shall be omitted, otherwise the nullFlavor attribute shall not be present, and the "value" and "use" attributes shall be present. Optionalities and Cardinalities of the following two items shall be interpreted according to this rule: e.g. is not expected to have two nullFlavored telecom elements.	R1.6.1 / R1.6.2
				 epsos-dataelement-28  Telephone No  epSOS Data Set epsos-dataelement-300  Telecom  epSOS Data Set	

Item	DT	Card	Conf	Description	Label
	epsos-dataelement-29			Email	epSOS Data Set
└ @use	set_cs	0 ... 1			
	CONF	The value of @use shall be drawn from value set 1.3.6.1.4.1.12559.11.10.1.3.1.42.40 <i>epSOSTelecomAddress</i> (DYNAMIC)			
└ @nullFlavor	cs	0 ... 1	F	NI	
└ h17:patient		1 ... 1	M		(epS... -eD)
	⊙ epsos-dataelement-8			Personal Information	epSOS Data Set
└ @classCode	cs	0 ... 1	F	PSN	
└ @determinerCode	cs	0 ... 1	F	INSTANCE	
└ h17:name	PN	1 ... *	R	Patient Name	R1.1
	⊙ epsos-dataelement-9			Full Name	epSOS Data Set
└ h17:family		1 ... *	M	Patient's Family Name/Surname	R1.1.1
	⊙ epsos-dataelement-13			Family Name/Surname	epSOS Data Set
└ h17:prefix		0 ... *	R	Patient's Prefix	R1.1.2
	⊙ epsos-dataelement-263			Prefix	epSOS Data Set
	Constraint	If the attribute qualifier is used for this element it should be derived from epSOSEntityNamePartQualifier			

Item	DT	Card	Conf	Description	Label
		2.16.840.1.113883.5.43			
└ h17:given		1 ... *	M	Patient's Given Name	R1.1.3
	🎯 epsos-dataelement-12			● Given name	● epSOS Data Set
└ h17:administrativeGenderCode	CE.EPSOS	1 ... 1	R	Patient's Gender	R1.2
	🎯 epsos-dataelement-11			● Gender	● epSOS Data Set
└ @nullFlavor	cs	0 ... 1	F	UNK	
	CONF	The value of @code shall be drawn from value set 1.3.6.1.4.1.12559.11.10.1.3.1.42.34 <i>epSOSAdministrativeGender</i> (DYNAMIC)			
└ h17:birthTime	TS	1 ... 1	M	Patient's Date of Birth. The patient date of birth may be a partial date such as only the year.	R1.3
	🎯 epsos-dataelement-10			● Date of Birth	● epSOS Data Set
└ h17:guardian		0 ... *	R	<p>The guardians of a patient shall be recorded in the <guardian> element beneath the /ClinicalDocument/recordTarget/patientRole/patient XML - <patient> element. Other patient contacts are described using the /ClinicalDocument/participant structure. The <associatedEntity> element defines the type of contact.</p> <p>The relationship between the patient and the guardian or other contact should be recorded in the <code> element. The code attribute is required and comes from the HL7 PersonalRelationshipRoleType vocabulary (epSOSPersonalRelationship value set).</p> <p>The address of the guardian or other contact should be present, and shall be represented, as any other address would be in CDA.</p> <p>The phone number of the guardian or other contact should be present, and shall be represented, as any other phone number would be in CDA.</p>	R1.7.A

Item	DT	Card	Conf	Description	Label
				The name of the guardian or other contact shall be present, and shall be represented, as any other name would be in CDA.	
└ @classCode	cs	1 .. 1	F	GUARD	
└ @nullFlavor	cs	0 .. 1		Use nullFlavor if unknown or if no information is applicable	
Example				<pre> <guardian classCode="GUARD"> <templateId root="1.3.6.1.4.1.19376.1.5.3.1.2.4"/> <addr> <streetAddressLine>2222 Home Street</streetAddressLine> <city>London</city> <state>London</state> <postalCode>A1B 2C3</postalCode> <country>UK</country> </addr> <telecom value="tel:+452070256161"/> <telecom value="mailto:jsmith@myprovider.co.uk"/> <guardianPerson> <name> <given>John</given> <family>Español Smith</family> </name> </guardianPerson> </guardian> </pre>	
└ h17:templateId	I1.EPSOS	1 .. 1	M	Template id for IHE PCC Patient Contacts	R1.7.A
└ @root	uid	1 .. 1	F	1.3.6.1.4.1.19376.1.5.3.1.2.4	
└ h17:addr	AD.EPSOS	1 .. 1	R	The guardian's address element is required. If there is no information, the nullFlavor attribute shall have a value of 'NI' and no address parts shall be present, otherwise there shall be no nullFlavor attribute, and at least one of the address parts listed below shall be present	R1.7.A
└ @nullFlavor	cs	0 .. 1	F	NI	

Item	DT	Card	Conf	Description	Label
└ h17:streetAddressLine		0 ... *	R	Guardian's Number of Street/Guardian's Number of Street	R1.7... .3.2
└ h17:city		0 ... 1	R	Guardian's City	R1.7... .3.3
└ h17:postalCode		0 ... 1	R	Guardian's Postal Code	R1.7... .3.4
└ h17:state		0 ... 1	R	Guardian's State or Province	R1.7... .3.5
└ h17:country		0 ... 1	R	Guardian's Country. When used addr.country it is always bound to the epSOSCountry value set	R1.7... .3.6
	CONF	The value of @code shall be drawn from value set 1.3.6.1.4.1.12559.11.10.1.3.1.42.4 epSOSCountry (DYNAMIC)			
└ h17:telecom	TEL	1 ... *	R	Guardian's telephone number / Patient e-mail address. The guardian telephone or e-mail element is required. If there is no information, the nullFlavor attribute shall have a value of 'NI' and the "value" and "use" attributes shall be omitted, otherwise the nullFlavor attribute shall not be present, and the "value" and "use" attributes shall be present. Optionalities and Cardinalities of the following two items shall be interpreted according to this rule: e.g. is not expected to have two nullFlavored telecom elements.	R1.7... .4.2
	 epsos-dataelement-39  Telephone No  epSOS Data Set				
└ @use	set_cs	0 ... 1			
	CONF	The value of @use shall be drawn from value set 1.3.6.1.4.1.12559.11.10.1.3.1.42.4 epSOSTelecomAddress (DYNAMIC)			
└ @nullFlavor	cs	0 ... 1	F	NI	
└ h17:guardianPerson		1 ... 1	R		R1.7.A
	 epsos-dataelement-34  Contact Person/legal guardian  epSOS Data Set				

Item	DT	Card	Conf	Description	Label
└ h17:name	PN	1 ... *	R	Patient Guardian's Name	IHE PCC
<div style="background-color: #e0ffe0; padding: 5px;">  epsos-dataelement-36  Full Name  epSOS Data Set </div>					
Choice		2 ... *		Elements to choose from: <ul style="list-style-type: none"> ▪ hl7:family ▪ hl7:given 	
└ h17:family		1 ... *	R	Patient Guardian's Family Name/Surname	R1.7.A.1
<div style="background-color: #e0ffe0; padding: 5px;">  epsos-dataelement-38  Family Name/Surname  epSOS Data Set </div>					
└ h17:given		1 ... *	R	Patient Guardian's Given Name	R1.7.A.2
<div style="background-color: #e0ffe0; padding: 5px;">  epsos-dataelement-37  Given Name  epSOS Data Set </div>					
└ h17:languageCommunication		0 ... *	R	This element is derived from the IHE template LanguageCommunication (1.3.6.1.4.1.19376.1.5.3.1.2.1), however this template does not need the element preferenceInd because the language is already said to be the "preferred language".	(epS...-eD)
└ h17:languageCode	CS	1 ... 1	R	Patient's preferred language <ul style="list-style-type: none"> ▪ The language code SHALL be in the form nn-CC. ▪ The nn portion SHALL be an ISO-639-1 language code in lower case derived by the Value Set epSOSLanguage. ▪ The CC portion SHALL be an ISO-3166 country code in upper case derived by the value Set epSOSCountry 	R1.7
Example		<code><languageCode code="en-GB" /></code>			
Schematron assert		role	 error		
		test	matches(@code,'[a-z]{2}-[A-Z]{2}')		
		Message	The language code SHALL be in the form nn-CC where nn is ISO-639-1 epSOSLanguage and CC is ISO-3166 epSOSCountry		
Included		1 ... *	M	from 2.16.840.1.113883.3.1937.777.11.10.102 epSOS CDA author (DYNAMIC)	

Item	DT	Card	Conf	Description	Label
└ h17:author		1 ... *	M		(epS...-eD)
 epsos-dataelement-67  Author  epSOS Data Set					
└ @typeCode	cs	0 ... 1	F	AUT	
└ @contextControlCode	cs	0 ... 1	F	OP	
└ h17:functionCode	CE.EPSOS	0 ... 1	R		R1.10.6
 epsos-dataelement-180  Author Role  epSOS Data Set					
		CONF	The value of @code shall be drawn from value set 1.3.6.1.4.1.12559.11.10.1.3.1.42.1 epSOSHealthcareProfessionalRoles (DYNAMIC)		
└ h17:time	TS.EPSOS.TZ	1 ... 1	R	The author/time element represents the start time of the author's participation in the creation of the clinical document. The author/time element SHALL be present.	(epS...-eD)
└ h17:assignedAuthor		1 ... 1	R		(epS...-eD)
└ @classCode	cs	0 ... 1	F	ASSIGNED	
		role	 error		
		test	@nullFlavor or h17:assignedPerson or h17:assignedAuthoringDevice		
		Message	If assignedAuthor has an associated representedOrganization with no assignedPerson or assignedAuthoringDevice, then the value for "ClinicalDocument/author/assignedAuthor/id/@nullFlavor" SHALL be "NA" "Not applicable" 2.16.840.1.113883.5.1008 NullFlavor STATIC.		
└ h17:id	II.EPSOS	1 ... *	R	HP ID number	R1.10.5
 epsos-dataelement-22  Author Identification  epSOS Data Set					

Item	DT	Card	Conf	Description	Label
└ @nullFlavor	cs	0 ... 1	F	NA	
└ h17:code	CE.EPSOS	0 ... 1	R	HP Specialty	R1.10.7
└ h17:addr	AD.EPSOS	1 ... *	R		IHE PCC
└ h17:telecom	TELE.EPSOS	1 ... *	R	Attribute @value SHALL contain a URI if element telecom is used. The URI scheme SHALL be one of URLScheme	IHE PCC / R1.10.8 / R1.10.8.1 / R1.10.8.2
└ @use	set_cs	0 ... 1			
	CONF			The value of @use shall be drawn from value set 1.3.6.1.4.1.12559.11.10.1.3.1.42.40 epSOSTelecomAddress (DYNAMIC)	
<i>Choice</i>		0 ... 1		Elements to choose from: <ul style="list-style-type: none"> h17:assignedPerson h17:assignedAuthoringDevice containing template 2.16.840.1.113883.3.1937.777.11.10.129 CDA Device (DYNAMIC) 	
└ h17:assignedPerson			R		(epS...-eD)
└ @classCode	cs	0 ... 1	F	PSN	
└ @determinerCode	cs	0 ... 1	F	INSTANCE	
└ h17:name	PN	1 ... 1	R	HP Name	IHE PCC
	 epsos-dataelement-19  Author Full Name  epSOS Data Set				
Example	<name>				

Item	DT	Card	Conf	Description	Label
				<given>John</given> <family>Español Smith</family> </name>	
└ h17:family		1 ... *	M	HP Family Name/Surname	R1.10.1
				🎯 epsos-dataelement-21 🟡 Family Name/Surname 🟡 epSOS Data Set	
└ h17:given		1 ... *	M	HP Given Name	R1.10.2
				🎯 epsos-dataelement-20 🟡 Given Name 🟡 epSOS Data Set	
└ h17:prefix		0 ... *	R	HP Prefix	R1.10.3
				🎯 epsos-dataelement-273 🟡 Prefix 🟡 epSOS Data Set	
└ h17:suffix		0 ... *	R	HP Suffix	R1.10.4
				🎯 epsos-dataelement-274 🟡 Suffix 🟡 epSOS Data Set	
└ h17:assignedAuthoringDevice			R	Contains 2.16.840.1.113883.3.1937.777.11.10.129 CDA Device (DYNAMIC)	(epS...-eD)
└ h17:representedOrganization		1 ... 1	R	Contains 2.16.840.1.113883.3.1937.777.11.10.111 epSOS CDA Organization (DYNAMIC)	R1.10.9
				🎯 epsos-dataelement-23 🟡 Author Healthcare Facility 🟡 epSOS Data Set	
Included		1 ... 1	M	from 2.16.840.1.113883.3.1937.777.11.10.104 epSOS CDA custodian (DYNAMIC)	
└ h17:custodian		1 ... 1	M		(epS...-eD)
└ @typeCode		0 ... 1	F	CST	

Item	DT	Card	Conf	Description	Label
└ h17:assignedCustodian		1 ... 1	R		(epS... -eD)
└ @classCode		0 ... 1	F	ASSIGNED	
└ h17:representedCustodianOrganization		1 ... 1	R	Contains 2.16.840.1.113883.3.1937.777.11.10.111 <i>epSOS CDA Organization</i> (DYNAMIC)	R1.10.9
└ @classCode		0 ... 1	F	ORG	
└ @determinerCode		0 ... 1	F	INSTANCE	
<i>Included</i>		1 ... 1	M	from 2.16.840.1.113883.3.1937.777.11.10.109 <i>epSOS CDA legalAuthenticator</i> (DYNAMIC)	
└ h17:legalAuthenticator		1 ... 1	M	The person taking responsibility for the medical content of the document. In Spain this is the regional authority in healthcare. This regional authority healthcare organization will send this to the NCP. The definition of the legal authenticator may vary according to the rules set up in the framework agreement particular to each state. It may be a person or a regional authority, or an NCP.	R1.11.9
└ h17:time	TS.EPSOS.TZ	1 ... 1	M	Time of signing the document	R1.11.9
└ h17:signatureCode	CS	1 ... 1	R	Signature code	R1.11.9
└ @code	CONF	0 ... 1	F	S	
└ h17:assignedEntity		1 ... 1	M	The regional authority that is responsible for the legal authentication of the CDA document	R1.11.9
└ h17:id		1 ... 1	M	Unique identification of legal authenticator	R1.11.9
└ h17:addr	AD.EPSOS	1 ... *	R		IHE PCC

Item	DT	Card	Conf	Description	Label
└ h17:telecom	TEL	1 ... *	R	<p>Legal Authenticator's Telecom</p> <p>If there is no information, the nullFlavor attribute shall have a value of 'NI' and the "value" and "use" attributes shall be omitted, otherwise the nullFlavor attribute shall not be present, and the "value" and "use" attributes shall be present.</p> <p>Optionalities and Cardinalities of the following two items shall be interpreted according to this rule: e.g. is not expected to have two nullFlavored telecom elements.</p>	R1.10.9.4 / R1.10.9.4.1 / R1.10.9.4.2
└ @use	set_cs	0 ... 1			
	CONF			The value of @use shall be drawn from value set 1.3.6.1.4.1.12559.11.10.1.3.1.42.40 epSOSTelecomAddress (DYNAMIC)	
└ @nullFlavor	cs	0 ... 1	F	NI	
	Example			<pre><telecom use="WP" value="tel:+45 20 7025 6161"/> <telecom use="HP" value="mailto:jsmith@myprovider.co.uk"/></pre>	
└ h17:assignedPerson		1 ... 1	R		IHE PCC
└ @classCode	cs	0 ... 1	F	PSN	
└ @determinerCode	cs	0 ... 1	F	INSTANCE	
└ h17:name	PN	1 ... 1	R	HP Name	IHE PCC
	Example			<pre><name> <given>John</given> <family>Español Smith</family> </name></pre>	
└ h17:family		1 ... *	M	HP Family Name/Surname	R1.10.1

Item	DT	Card	Conf	Description	Label
└ h17:given		1 ... *	M	HP Given Name	R1.10.2
└ h17:prefix		0 ... *	R	HP Prefix	R1.10.3
└ h17:suffix		0 ... *	R	HP Suffix	R1.10.4
└ h17:representedOrganization		1 ... 1	M	Contains 2.16.840.1.113883.3.1937.777.11.10.111 <i>epSOS CDA Organization</i> (DYNAMIC)	R1.11.9
where [not(@nullFlavor)]					
Included		1 ... 1	M	from 2.16.840.1.113883.3.1937.777.11.10.115 <i>CDA inFulfillmentOf</i> (DYNAMIC)	
└ h17:inFulfillmentOf		1 ... 1	M		(epS... -eD)
└ @typeCode		0 ... 1	F	FLFS	
└ h17:order		1 ... 1			(epS... -eD)
└ @classCode		0 ... 1	F	ACT	
└ @moodCode		1 ... 1	F	RQO	
└ h17:id	II	1 ... *	R		(epS... -eD)
└ h17:code	CE	0 ... 1			(epS... -eD)
└ @codeSystem	CONF	0 ... 1	F	2.16.840.1.113883.5.4 (ActCode)	
└ h17:priorityCode	CE	0 ... 1			(epS... -eD)


Item	DT	Card	Conf	Description	Label
	CONF			The value of @code shall be drawn from value set 2.16.840.1.113883.1.11.16866 <i>ActPriority</i> (DYNAMIC)	
Included		1 ... 1	M	from 2.16.840.1.113883.3.1937.777.11.10.107 <i>epSOS CDA relatedDocument</i> (DYNAMIC)	
└ h17:relatedDocument		1 ... 1	M		(epS... -eD)
└ @typeCode	cs	1 ... 1	R		
	CONF			The value of @typeCode shall be drawn from value set 2.16.840.1.113883.1.11.11610 <i>x_ActRelationshipDocument</i> (DYNAMIC)	
└ h17:parentDocument		1 ... 1	R		(epS... -eD)
└ @classCode		0 ... 1	F	DOCCLIN	
└ @moodCode		0 ... 1	F	EVN	
└ h17:id	II.EPSOS	1 ... *	R		(epS... -eD)
└ h17:code	CD.EPSOS	0 ... 1	R		(epS... -eD)
└ @codeSystem	CONF	0 ... 1	F	2.16.840.1.113883.6.1 (LOINC)	
└ h17:text	ED	0 ... 1	R		(epS... -eD)
└ h17:setId	II.EPSOS	0 ... 1	R		(epS... -eD)
└ h17:versionNumber	INT	0 ... 1	R		(epS... -eD)
└ h17:component		1 ... 1	M		(epS... -eD)

Item	DT	Card	Conf	Description	Label
└ h17:structuredBody		1 ... 1	M		(epS... -eD)
└ @classCode	cs	0 ... 1	F	DOCBODY	
└ h17:component		1 ... 1	R	Contains 1.3.6.1.4.1.12559.11.10.1.3.1.2.2 <i>Section Dispensation</i> (DYNAMIC)	(epS... -eD)
where [hl7:section [hl7:templateId [@root = '2.16.840.1.113883.10.20.1.8']] and hl7:templateId [@root = '1.3.6.1.4.1.12559.11.10.1.3.1.2.2']]]					
└ @typeCode	cs	0 ... 1	F	COMP	

7.1.5 epSOS-Health Care Encounter Report 1.3.6.1.4.1.12559.11.10.1.3.1.1.4 - 2013-12-20

Direction	Underlying Model	Template name	Schematron
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 back ClinicalDocument MedicationRelatedOverview epsos-MedicationRelatedOverview.sch

Id	1.3.6.1.4.1.12559.11.10.1.3.1.1.4	Effective Date	2013-12-20
Status	 Active	Version Label	
Name	epSOS-HCER	Display Name	epSOS-Health Care Encounter Report

Description

epSOS Health Care Encounter Report Template












The implementers must be familiar with the context of the project, as it shall not be repeated in this document. The implementers must also be familiar with the content of the following documents:

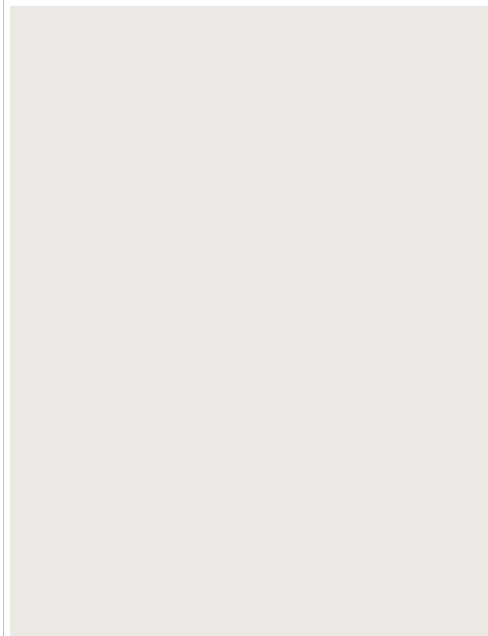
- CDA Release 2.0 Normative Web Edition, May, 2005
- HL7 Implementation Guide: CDA Release 2 – Continuity of Care Document (CCD), HL7, April 1, 2007.

- Integrating the Healthcare Enterprise, Patient Care Coordination Technical Framework, Volume 1 and Volume 2- Revision 5, IHE International, August 10, 2009.
- Integrating the Healthcare Enterprise, Patient Care Coordination CDA Content Modules- Trial Implementation Supplement, August 10, 2009.
- HL7 Implementation Guide for CDA Release 2: History and Physical (H&P) Notes, HL7, July 16, 2008.

The Healthcare Encounter Report service not only supports the patient summary extension use case, but also supports the ePrescription extension use case and the 112 emergency use case. Therefore this service descriptor covers the patient summary extension, but also the ePrescription extension and the part of the 112 emergency use case where information about the emergency encounter is sent back to country A.

The definition of a healthcare event can be broad. The HCER service is designed to offer a health professional in country B flexibility to record a wide range of medical information, enough to cover the most basic health encounters. The service offers country A the basic contact information of the health professional in country B together with the medical information gathered during the healthcare encounter. Informing country A of a healthcare encounter in county B, of course, is done with consent of the patient.

Context	Pathname /			
Classification	CDA Document Level Template			
Open/Closed	Open (other than defined elements are allowed)			
Used by / Uses	Used by 1 transaction and 0 templates, Uses 21 templates			
	Used by	as	Name	Version
	epsos-transactions-23	Transaction	 Return MRO	2013-11-02
	Uses	as	Name	Version
	2.16.840.1.113883.3.1937.777.11.10.110	Include	 epSOS CDA Id	DYNAMIC
	2.16.840.1.113883.3.1937.777.11.10.108	Include	 epSOS CDA setId	DYNAMIC
	2.16.840.1.113883.3.1937.777.11.10.100	Include	 epSOS CDA recordTarget	DYNAMIC
	2.16.840.1.113883.3.1937.777.11.10.102	Include	 epSOS CDA author	DYNAMIC
	2.16.840.1.113883.3.1937.777.11.10.104	Include	 epSOS CDA custodian	DYNAMIC
	2.16.840.1.113883.3.1937.777.11.10.109	Include	 epSOS CDA legalAuthenticator	DYNAMIC
2.16.840.1.113883.3.1937.777.11.10.101	Include	 epSOS CDA Contact/Preferred HP/Legal Organization	DYNAMIC	
2.16.840.1.113883.3.1937.777.11.10.112	Include	 CDA participant	DYNAMIC	
2.16.840.1.113883.3.1937.777.11.10.106	Include	 epSOS CDA documentationOf PCPR	DYNAMIC	
2.16.840.1.113883.3.1937.777.11.10.107	Include	 epSOS CDA relatedDocument	DYNAMIC	



1.3.6.1.4.1.12559.11.10.1.3.1.2.3	Containment		Section Medication Summary	DYNAMIC
1.3.6.1.4.1.19376.1.5.3.1.3.13	Containment		Section Allergies and Other Adverse Reactions	DYNAMIC
1.3.6.1.4.1.19376.1.5.3.1.3.12	Containment		Section Coded List of Surgeries	DYNAMIC
1.3.6.1.4.1.19376.1.5.3.1.3.6	Containment		Section Active Problems	DYNAMIC
1.3.6.1.4.1.12559.11.10.1.3.1.2.4	Containment		Section Medical Devices Coded	DYNAMIC
1.3.6.1.4.1.19376.1.5.3.1.3.23	Containment		Section Immunizations	DYNAMIC
1.3.6.1.4.1.19376.1.5.3.1.1.9.50	Containment		Section Health Maintenance Care Plan	DYNAMIC
1.3.6.1.4.1.19376.1.5.3.1.3.8	Containment		Section History of Past Illness	DYNAMIC
1.3.6.1.4.1.19376.1.5.3.1.3.16.1	Containment		Section Coded Social History	DYNAMIC
1.3.6.1.4.1.19376.1.5.3.1.1.5.3.4	Containment		Section Pregnancy History	DYNAMIC
1.3.6.1.4.1.19376.1.5.3.1.1.5.3.2	Containment		Section Coded Vital Signs	DYNAMIC



Relationship Specialization: template 2.16.840.1.113883.10.12.1 (2005-09-07)

















There are open issues with this item:



















- epsos-issue-167: *realmCode* (Open)
- epsos-issue-227: *custodian org*, see *epsos-issue-219* (Open)

Item	DT	Card	Conf	Description
h17:ClinicalDocument			R	CDA header
└ h17:realmCode	CS	1 ... 1	M	
└ h17:typeId	IIEPSOS	1 ... 1	M	The clinical document typeId identifies the constraints imposed by CDA R2 on the content, essential acting as a version identifier. The @root and @extension values of this element are specified as shown in the <i>example</i> below.
└ @root	uid	1 ... 1	F	2.16.840.1.113883.1.3



Item	DT	Card	Conf	Description
└ @extension	st	1 ... 1	F	POCD_HD000040
	Example	<code><typeId extension="POCD_HD000040" root="2.16.840.1.113883.1.3"/></code>		
└ h17:templateId	II.EPSOS	1 ... 1	M	Template ID for epSOS Health Care Encounter Report
└ @root	uid	1 ... 1	F	1.3.6.1.4.1.12559.11.10.1.3.1.1.4
Included		1 ... 1	M	from 2.16.840.1.113883.3.1937.777.11.10.110 <i>epSOS CDA Id</i> (DYNAMIC)
└ h17:id		1 ... 1	M	<p>The <code>ClinicalDocument/id</code> element is an instance identifier data type. The root attribute is an OID. If there is a value in <code>@extension</code>, then the root uniquely identifies the scope of the extension. If there is no value in <code>@extension</code> then <code>@root</code> SHALL uniquely identify the document</p> <p>UUIIDs SHALL be represented in the form XXXXXXXX-XXXX-XXXX-XXXX-XXXXXXXXXXXX, where each X is a character from the set [A-Fa-f0-9].</p> <p>OIDs SHALL be represented in dotted decimal notation, where each decimal number is either 0, or starts with a nonzero digit. More formally, an OID SHALL be in the form $([0-2])(.[1-9][0-9]^*0)^+$.</p>
	 epsos-dataelement-176		 Identification	 epSOS Data Set
	Example	<code><id extension="a621" root="2.16.840.1.113883.3.1937.777.11.9999"/></code>		
└ h17:code	CV.EPSOS	1 ... 1	M	Determines the document type "epSOS Health Care Encounter Report"
└ @displayName		1 ... 1	R	
└ @code		1 ... 1	F	34133-9
└ @codeSystem	CONF	1 ... 1	F	2.16.840.1.113883.6.1 (LOINC)
	Example	<code><code code="34133-9" codeSystem="2.16.840.1.113883.6.1" codeSystemName="LOINC" displayName="Subject of episode note"/></code>		

Item	DT	Card	Conf	Description
└ h17:title	ST	1 ... 1	M	ClinicalDocument/title is used for display purposes.
	Example	<title>epSOS Health Care Encounter Report Maria Bakker November 13, 2011</title>		
└ h17:effectiveTime	TS.EPSOS.TZ	1 ... 1	M	The element contains the date and time at which this document was created as an electronic document.
	Example	<effectiveTime value="20111113125600+0200"/>		
└ h17:confidentialityCode	CE.EPSOS	1 ... 1	R	ClinicalDocument/confidentialityCode shall be present in accordance with the HL7 CDA R2 standard.
	CONF	The value of @code shall be drawn from value set 1.3.6.1.4.1.12559.11.10.1.3.1.42.31 epSOSConfidentiality (DYNAMIC).		
	Example	<confidentialityCode code="N" codeSystem="2.16.840.1.113883.5.25"/>		
└ h17:languageCode	CS	1 ... 1	M	Document Language Code <ul style="list-style-type: none"> ▪ The language code SHALL be in the form nn-CC. ▪ The nn portion SHALL be an ISO-639-1 language code in lower case derived by the Value Set epSOSLanguage. ▪ The CC portion SHALL be an ISO-3166 country code in upper case derived by the value Set epSOSCountry
	Example	<languageCode code="en-GB"/>		
	Schematron assert	role	error	
		test	matches(@code,[a-z]{2}-[A-Z]{2})	
Message	The language code SHALL be in the form nn-CC where nn is ISO-639-1 epSOSLanguage and CC is ISO-3166 epSOSCountry			
Included		0 ... 1		from 2.16.840.1.113883.3.1937.777.11.10.108 epSOS CDA setId (DYNAMIC)
└ h17:setId		0 ... 1	R	This attribute “represents an identifier that is common across all document revisions”. In the case of the NCP transcoding /translation this is the ID that remains unchanged among all the existing transformations. Implementers are recommended to use this attribute.




Item	DT	Card	Conf	Description
└ h17:versionNumber		0 ... 1	R	
Included		1 ... 1	M	from 2.16.840.1.113883.3.1937.777.11.10.100 epSOS CDA recordTarget (DYNAMIC)
└ h17:recordTarget		1 ... 1	M	
	 epsos-dataelement-5			 Patient Data  epSOS Data Set
└ @typeCode	cs	0 ... 1	F	RCT
└ @contextControlCode	cs	0 ... 1	F	OP
└ h17:patientRole		1 ... 1	M	
	 epsos-dataelement-26			 Contact Information  epSOS Data Set
└ @classCode	cs	0 ... 1	F	PAT
└ h17:id	II.EPSOS	1 ... *	R	Patient Identifiers: Primary Patient Identifier (Regional/National Health Id), Secondary Patient Identifier (Social/Insurance Number)
	 epsos-dataelement-235 epsos-dataelement-7 epsos-dataelement-234 epsos-dataelement-6			 Other Identifier  epSOS Data Set  National Health Care patient ID (country of affiliation)  epSOS Data Set  National Health Care patient ID (country of treatment)  epSOS Data Set  Identification  epSOS Data Set
└ h17:addr	AD.EPSOS	1 ... 1	R	The patient address element is required. If there is no information, the nullFlavor attribute shall have value of 'NI' and no address parts shall be present, otherwise there shall be no nullFlavor attribute, and at least one of the address parts listed below shall be present.

Item	DT	Card	Conf	Description
	 epsos-dataelement-27			 Address  epSOS Data Set
└ @nullFlavor	cs	0 ... 1	F	NI
└ h17:streetAddressLine		0 ... *	R	Patient's Number of Street/Patient's Number of Street
	 epsos-dataelement-51 epsos-dataelement-52			 Street  Number of Street  epSOS Data Set  epSOS Data Set
└ h17:city		0 ... 1	R	Patient's City
	 epsos-dataelement-55			 City  epSOS Data Set
└ h17:postalCode		0 ... 1	R	Patient's Postal Code
	 epsos-dataelement-53			 Postal Code  epSOS Data Set
└ h17:state		0 ... 1	R	Patient's State or Province
	 epsos-dataelement-56			 State or Province  epSOS Data Set
└ h17:country		0 ... 1	R	Patient's Country. When used addr.country it is always bound to the epSOSCountry value set
	 epsos-dataelement-54			 Country  epSOS Data Set
	CONF	The value of @code shall be drawn from value set 1.3.6.1.4.1.12559.11.10.1.3.1.42.4 epSOSCountry (DYNAMIC)		
└ h17:telecom	TEL	1 ... *	R	Patient's telephone number / Patient e-mail address. The patient telephone or e-mail element is required. If there is no information, the nullFlavor attribute shall have a value of 'NI' and the "value" and "use" attributes shall be omitted, otherwise the nullFlavor attribute shall not be present, and the "value" and "use" attributes shall be present Optionalities and Cardinalities of the following two item








Item	DT	Card	Conf	Description
				shall be interpreted according to this rule: e.g. is not expected to have two nullFlavored telecom elements.
	epsos-dataelement-28 epsos-dataelement-300 epsos-dataelement-29			Telephone No Telecom Email epSOS Data Set epSOS Data Set epSOS Data Set
└ @use	set_cs	0 ... 1		
	CONF	The value of @use shall be drawn from value set 1.3.6.1.4.1.12559.11.10.1.3.1.42.40 epSOSTelecomAddress (DYN)		
└ @nullFlavor	cs	0 ... 1	F	NI
└ h17:patient		1 ... 1	M	
	epsos-dataelement-8			Personal Information epSOS Data Set
└ @classCode	cs	0 ... 1	F	PSN
└ @determinerCode	cs	0 ... 1	F	INSTANCE
└ h17:name	PN	1 ... *	R	Patient Name
	epsos-dataelement-9			Full Name epSOS Data Set
└ h17:family		1 ... *	M	Patient's Family Name/Surname
	epsos-dataelement-13			Family Name/Surname epSOS Data Set
└ h17:prefix		0 ... *	R	Patient's Prefix

Item	DT	Card	Conf	Description
	 epsos-dataelement-263		 Prefix	 epSOS Data Set
	Constraint	If the attribute qualifier is used for this element it should be derived from epSOSEntityNamePartQualifier 2.16.840.1.		
└ h17:given		1 ... *	M	Patient's Given Name
	 epsos-dataelement-12		 Given name	 epSOS Data Set
└ h17:administrativeGenderCode	CE.EPSOS	1 ... 1	R	Patient's Gender
	 epsos-dataelement-11		 Gender	 epSOS Data Set
└ @nullFlavor	cs	0 ... 1	F	UNK
	CONF	The value of @code shall be drawn from value set 1.3.6.1.4.1.12559.11.10.1.3.1.42.34 <i>epSOSAdministrativeGender</i>		
└ h17:birthTime	TS	1 ... 1	M	Patient's Date of Birth. The patient date of birth may be a partial date such as only the year.
	 epsos-dataelement-10		 Date of Birth	 epSOS Data Set
└ h17:guardian		0 ... *	R	<p>The guardians of a patient shall be recorded in the <guardian> element beneath the /ClinicalDocument/recordTarget/patientRole/patient XML - <patient> element. Other patient contacts are described using the /ClinicalDocument/participant structure. The <associatedEntity> element defines the type of contact.</p> <p>The relationship between the patient and the guardian or other contact should be recorded in the <code> element. The code attribute is required and comes from the HL7 PersonalRelationshipRoleType vocabulary (epSOSPersonalRelationship value set).</p> <p>The address of the guardian or other contact should be present, and shall be represented, as any other address would be in CDA.</p>

Item	DT	Card	Conf	Description
				<p>The phone number of the guardian or other contact should be present, and shall be represented, as any other phone number would be in CDA.</p> <p>The name of the guardian or other contact shall be present, and shall be represented, as any other name would be in CDA.</p>
└ @classCode	cs	1 .. 1	F	GUARD
└ @nullFlavor	cs	0 .. 1		Use nullFlavor if unknown or if no information is applicable
Example				<pre><guardian classCode="GUARD"> <templateId root="1.3.6.1.4.1.19376.1.5.3.1.2.4"/> <addr> <streetAddressLine>2222 Home Street</streetAddressLine> <city>London</city> <state>London</state> <postalCode>A1B 2C3</postalCode> <country>UK</country> </addr> <telecom value="tel:+452070256161"/> <telecom value="mailto:jsmith@myprovider.co.uk"/> <guardianPerson> <name> <given>John</given> <family>Español Smith</family> </name> </guardianPerson> </guardian></pre>
└ h17:templateId	II.EPSOS	1 .. 1	M	Template id for IHE PCC Patient Contacts
└ @root	uid	1 .. 1	F	1.3.6.1.4.1.19376.1.5.3.1.2.4
└ h17:addr	AD.EPSOS	1 .. 1	R	The guardian's address element is required. If there is no information, the nullFlavor attribute shall have a value of 'NI' and no address parts shall be present, otherwise there shall be no nullFlavor attribute, and at least one of the address parts listed below shall be present

Item	DT	Card	Conf	Description
└ @nullFlavor	cs	0 ... 1	F	NI
└ h17:streetAddressLine		0 ... *	R	Guardian's Number of Street/Guardian's Number of Street
└ h17:city		0 ... 1	R	Guardian's City
└ h17:postalCode		0 ... 1	R	Guardian's Postal Code
└ h17:state		0 ... 1	R	Guardian's State or Province
└ h17:country		0 ... 1	R	Guardian's Country. When used addr.country it is always bound to the epSOSCountry value set
	CONF	The value of @code shall be drawn from value set 1.3.6.1.4.1.12559.11.10.1.3.1.42.4 epSOSCountry (DYNAMIC)		
└ h17:telecom	TEL	1 ... *	R	Guardian's telephone number / Patient e-mail address. The guardian telephone or e-mail element is required. If there is no information, the nullFlavor attribute shall have a value of 'NI' and the "value" and "use" attributes shall be omitted, otherwise the nullFlavor attribute shall not be present, and the "value" and "use" attributes shall be present. Optionalities and Cardinalities of the following two items shall be interpreted according to this rule: e.g. is not expected to have two nullFlavored telecom elements.
	 epsos-dataelement-39		 Telephone No	 epSOS Data Set
└ @use	set_cs	0 ... 1		
	CONF	The value of @use shall be drawn from value set 1.3.6.1.4.1.12559.11.10.1.3.1.42.40 epSOSTelecomAddress (DYNAMIC)		
└ @nullFlavor	cs	0 ... 1	F	NI
└ h17:guardianPerson		1 ... 1	R	

Item	DT	Card	Conf	Description
	⊙ epsos-dataelement-34			☉ Contact Person/legal guardian ☉ epSOS Data Set
└ h17:name	PN	1 ... *	R	Patient Guardian's Name
	⊙ epsos-dataelement-36			☉ Full Name ☉ epSOS Data Set
Choice		2 ... *		Elements to choose from: <ul style="list-style-type: none"> ▪ h17:family ▪ h17:given
└ h17:family		1 ... *	R	Patient Guardian's Family Name/Surname
	⊙ epsos-dataelement-38			☉ Family Name/Surname ☉ epSOS Data Set
└ h17:given		1 ... *	R	Patient Guardian's Given Name
	⊙ epsos-dataelement-37			☉ Given Name ☉ epSOS Data Set
└ h17:languageCommunication		0 ... *	R	This element is derived from the IHE template LanguageCommunication (1.3.6.1.4.1.19376.1.5.3.1.2.1), however this template does not need the element preferenceInd because the language is already said to be the "preferred language".
└ h17:languageCode	CS	1 ... 1	R	Patient's preferred language <ul style="list-style-type: none"> ▪ The nn portion SHALL be in the form nn-CC. ▪ The nn portion SHALL be an ISO-639-1 language code in lower case derived by the Value Set epSOSLanguage. ▪ The CC portion SHALL be an ISO-3166 country code in upper case derived by the value Set epSOSCountry
	Example	<languageCode code="en-GB"/>		
	Schematron assert	role	error	
		test	matches(@code,'[a-z]{2}-[A-Z]{2}')	
		Message	The language code SHALL be in the form nn-CC where nn is ISO-639-1 epSOSLanguage and CC is	

Item	DT	Card	Conf	Description
				ISO-3166 epSOSCountry
Included		1 ... *	R	from 2.16.840.1.113883.3.1937.777.11.10.102 epSOS CDA author (DYNAMIC)
└ h17:author		1 ... *	R	
	 epsos-dataelement-67  Author  epSOS Data Set 			
└ @typeCode	cs	0 ... 1	F	AUT
└ @contextControlCode	cs	0 ... 1	F	OP
└ h17:functionCode	CE.EPSOS	0 ... 1	R	
	 epsos-dataelement-180  Author Role  epSOS Data Set 			
	CONF	The value of @code shall be drawn from value set 1.3.6.1.4.1.12559.11.10.1.3.1.42.1 epSOSHealthcareProfessionalRoles (DYNAMIC)		
└ h17:time	TS.EPSOS.TZ	1 ... 1	R	The author/time element represents the start time of the author's participation in the creation of the clinical document. The author/time element SHALL be present.
└ h17:assignedAuthor		1 ... 1	R	
└ @classCode	cs	0 ... 1	F	ASSIGNED
	Schematron assert	role		error
		test		@nullFlavor or h17:assignedPerson or h17:assignedAuthoringDevice
		Message		If assignedAuthor has an associated representedOrganization with no assignedPerson or assignedAuthoringDevice, then the value for "ClinicalDocument/author/assignedAuthor/id/@nullFlavor" SHALL be "NA" "Not applicable" 2.16.840.1.113883.5.1008 NullFlavor STATIC.
└ h17:id	II.EPSOS	1 ... *	R	HP ID number


Item	DT	Card	Conf	Description
	 epsos-dataelement-22			Author Identification  epSOS Data Set
└ @nullFlavor	cs	0 ... 1	F	NA
└ h17:code	CE.EPSOS	0 ... 1	R	HP Specialty
└ h17:addr	AD.EPSOS	1 ... *	R	
└ h17:telecom	TELE.EPSOS	1 ... *	R	Attribute @value SHALL contain a URI if element telecom is used. The URI scheme SHALL be one of URLScheme
└ @use	set_cs	0 ... 1		
	CONF			The value of @use shall be drawn from value set 1.3.6.1.4.1.12559.11.10.1.3.1.42.40 epSOSTelecomAddress (DYNAMIC)
Choice		0 ... 1		Elements to choose from: <ul style="list-style-type: none"> ▪ h17:assignedPerson ▪ h17:assignedAuthoringDevice containing template 2.16.840.1.113883.3.1937.777.11.10.129 CD (DYNAMIC)
└ h17:assignedPerson			R	
└ @classCode	cs	0 ... 1	F	PSN
└ @determinerCode	cs	0 ... 1	F	INSTANCE
└ h17:name	PN	1 ... 1	R	HP Name
	 epsos-dataelement-19			Author Full Name  epSOS Data Set

Item	DT	Card	Conf	Description
	Example	<pre><name> <given>John</given> <family>Español Smith</family> </name></pre>		
└ h17:family		1 ... *	M	HP Family Name/Surname
	🎯 epsos-dataelement-21			● Family Name/Surname ● epSOS Data Set
└ h17:given		1 ... *	M	HP Given Name
	🎯 epsos-dataelement-20			● Given Name ● epSOS Data Set
└ h17:prefix		0 ... *	R	HP Prefix
	🎯 epsos-dataelement-273			● Prefix ● epSOS Data Set
└ h17:suffix		0 ... *	R	HP Suffix
	🎯 epsos-dataelement-274			● Suffix ● epSOS Data Set
└ h17:assignedAuthoringDevice			R	Contains 2.16.840.1.113883.3.1937.777.11.10.129 <i>CDA Device</i> (DYNAMIC)
└ h17:representedOrganization		1 ... 1	R	Contains 2.16.840.1.113883.3.1937.777.11.10.111 <i>epSOS CDA Organization</i> (DYNAMIC)
	🎯 epsos-dataelement-23			● Author Healthcare Facility ● epSOS Data Set
Included		1 ... 1	M	from 2.16.840.1.113883.3.1937.777.11.10.104 <i>epSOS CDA custodian</i> (DYNAMIC)
└ h17:custodian		1 ... 1	M	

Item	DT	Card	Conf	Description
└ @typeCode		0 ... 1	F	CST
└ h17:assignedCustodian		1 ... 1	R	
└ @classCode		0 ... 1	F	ASSIGNED
└ h17:representedCustodianOrganization		1 ... 1	R	Contains 2.16.840.1.113883.3.1937.777.11.10.111 <i>epSOS CDA Organization</i> (DYNAMIC)
└ @classCode		0 ... 1	F	ORG
└ @determinerCode		0 ... 1	F	INSTANCE
<i>Included</i>		1 ... 1	M	from 2.16.840.1.113883.3.1937.777.11.10.109 <i>epSOS CDA legalAuthenticator</i> (DYNAMIC)
└ h17:legalAuthenticator		1 ... 1	M	The person taking responsibility for the medical content of the document. In Spain this is the regional authority in healthcare. This regional authority healthcare organization will send this to the NCP. The definition of the legal authenticator may vary according to the rules set up in the framework agreement particular to each state. It may be a person or a regional authority, or an NCP.
└ h17:time	TS.EPSOS.TZ	1 ... 1	M	Time of signing the document
└ h17:signatureCode	CS	1 ... 1	R	Signature code
└ @code	CONF	0 ... 1	F	S
└ h17:assignedEntity		1 ... 1	M	The regional authority that is responsible for the legal authentication of the CDA document
└ h17:id		1 ... 1	M	Unique identification of legal authenticator
└ h17:addr	AD.EPSOS	1 ... *	R	

Item	DT	Card	Conf	Description
└ h17:telecom	TEL	1 ... *	R	<p>Legal Authenticator's Telecom</p> <p>If there is no information, the nullFlavor attribute shall have a value of 'NI' and the "value" and "use" attributes shall be omitted, otherwise the nullFlavor attribute shall not be present, and the "value" and "use" attributes shall be present.</p> <p>Optionalities and Cardinalities of the following two items shall be interpreted according to this rule: e.g. is not expected to have two nullFlavored telecom elements.</p>
└ @use	set_cs	0 ... 1		
	CONF			The value of @use shall be drawn from value set 1.3.6.1.4.1.12559.11.10.1.3.1.42.40 epSOSTelecomAddress (DYN)
└ @nullFlavor	cs	0 ... 1	F	NI
	Example			<pre><telecom use="WP" value="tel:+45 20 7025 6161"/> <telecom use="HP" value="mailto:jsmith@myprovider.co.uk"/></pre>
└ h17:assignedPerson		1 ... 1	R	
└ @classCode	cs	0 ... 1	F	PSN
└ @determinerCode	cs	0 ... 1	F	INSTANCE
└ h17:name	PN	1 ... 1	R	HP Name
	Example			<pre><name> <given>John</given> <family>Español Smith</family> </name></pre>
└ h17:family		1 ... *	M	HP Family Name/Surname
└ h17:given		1 ... *	M	HP Given Name

Item	DT	Card	Conf	Description									
└ h17:prefix		0 ... *	R	HP Prefix									
└ h17:suffix		0 ... *	R	HP Suffix									
└ h17:representedOrganization		1 ... 1	M	Contains 2.16.840.1.113883.3.1937.777.11.10.111 epSOS CDA Organization (DYNAMIC)									
where [not(@nullFlavor)]													
Choice		0 ... *		<p>The participant element identifies other supporting participants, including parents, relatives, caregivers, policy holders, guarantors, and other participants related in some way to the patient. A supporting person or organization is an individual or an organization with a relationship to the patient. A supporting person playing multiple roles would be recorded in multiple participants (e.g., emergency contact and next-of-kin).</p> <p>Elements to choose from:</p> <ul style="list-style-type: none"> hl7:participant[hl7:templateId/@root='1.3.6.1.4.1.19376.1.5.3.1.2.4'] included from template 2.16.840.1.113883.3.1937.777.11.10.101 epSOS CDA Contact/Preferred HP/Legal Organization (DYNAMIC) hl7:participant included from template 2.16.840.1.113883.3.1937.777.11.10.112 CDA participant (DYNAMIC) 									
Included				from 2.16.840.1.113883.3.1937.777.11.10.101 epSOS CDA Contact/Preferred HP/Legal Organization (DYNAMIC)									
└ h17:participant			R	Contact person / Preferred Health Professional to contact about patient.									
where [hl7:templateId/@root='1.3.6.1.4.1.19376.1.5.3.1.2.4']													
<table border="0"> <tr> <td>🎯 epsos-dataelement-31</td> <td>🟡 Legal Organization to contact</td> <td>🟡 epSOS Data Set</td> </tr> <tr> <td>epsos-dataelement-34</td> <td>🟡 Contact Person/legal guardian</td> <td>🟡 epSOS Data Set</td> </tr> <tr> <td>epsos-dataelement-30</td> <td>🟡 Preferred HP to contact</td> <td>🟡 epSOS Data Set</td> </tr> </table>					🎯 epsos-dataelement-31	🟡 Legal Organization to contact	🟡 epSOS Data Set	epsos-dataelement-34	🟡 Contact Person/legal guardian	🟡 epSOS Data Set	epsos-dataelement-30	🟡 Preferred HP to contact	🟡 epSOS Data Set
🎯 epsos-dataelement-31	🟡 Legal Organization to contact	🟡 epSOS Data Set											
epsos-dataelement-34	🟡 Contact Person/legal guardian	🟡 epSOS Data Set											
epsos-dataelement-30	🟡 Preferred HP to contact	🟡 epSOS Data Set											
└ @typeCode	cs	1 ... 1	F	IND									

Item	DT	Card	Conf	Description
				Participant typeCode
└ h17:templateId		1 ... 1	M	
└ @root	uid	1 ... 1	F	1.3.6.1.4.1.19376.1.5.3.1.2.4
└ h17:functionCode		0 ... 1	C	
	Constraint	The element is mandatory when this participant is the preferred HP		
└ @code		0 ... 1	F	PCP
└ @codeSystem	CONF	0 ... 1	F	2.16.840.1.113883.5.88 (HL7 ParticipationFunction)
└ h17:time	IVL_TS.EPSOS.TZ.OPT	0 ... 1	R	The element may be present and indicates the time of the participation.
└ h17:associatedEntity			R	The element identifies the type of contact. The classCode attribute shall be present, and contains a value from the epSOSRoleClass value set when used for the patient contacts; 'PRS' when used for "Preferred HP / Legal Organization".
└ @classCode	cs	1 ... 1	R	
	CONF	The value of @classCode shall be drawn from value set 1.3.6.1.4.1.12559.11.10.1.3.1.42.39 epSOSRoleClass (DYN) or @classCode shall be "PRS"		
└ h17:code	CV.EPSOS	0 ... 1	R	The relationship between the patient and the guardian or other contact should be recorded in the element. The code attribute is required and comes from the HL7 PersonalRelationshipRoleType vocabulary with codeSystem (2.16.840.1.113883.5.111). The codeSystem attribute is required. The relationship between the patient and his preferred HP comes from the the full RoleCode (2.16.840.1.113883.5.111) codeSystem
				

Item	DT	Card	Conf	Description
	epsos-dataelement-35			Role of that person epSOS Data Set
	CONF	The value of @code shall be drawn from value set 1.3.6.1.4.1.12559.11.10.1.3.1.42.38 <i>epSOSPersonalRelationship</i>		
└ h17:addr	AD.EPSOS	1 ... 1	R	Patient Contact's / Preferred HP's Address
└ @nullFlavor	cs	0 ... 1	F	NI
	Schematron assert	role		error
		test		@nullFlavor or h17:*
		Message		If addr is not nullflavored at least one sub element has to be provided
└ h17:streetAddressLine		0 ... *	R	Patient Contact's Street/Number of Street / Preferred HP's Street/Number of Street
└ h17:city		0 ... 1	R	Patient Contact's City / Preferred HP's City
└ h17:postalCode		0 ... 1	R	Patient Contact's Postal Code / Preferred HP's Postal Code
└ h17:state		0 ... 1	R	Patient Contact's State or Province / Preferred HP's State or Province
└ h17:country		0 ... 1	R	Patient Contact's Country / Preferred HP's Country. When used addr.country it is always bound to the epSOSCountry value set
└ h17:telecom	TEL	1 ... *	R	Patient Contact's / Preferred HP's/Legal Organization telephone or e-mail element is required. If there is no information, the nullFlavor attribute shall have a value of 'UNK' and the "value" and "use" attributes shall be omitted, otherwise the nullFlavor attribute shall not be present, and the "value" and "use" attributes shall be present
	epsos-dataelement-40			Email epSOS Data Set
	epsos-dataelement-50			Email epSOS Data Set
	epsos-dataelement-43			Email epSOS Data Set

Item	DT	Card	Conf	Description
	epsos-dataelement-41			Telephone No epSOS Data Set
	epsos-dataelement-39			Telephone No epSOS Data Set
	epsos-dataelement-49			Telephone No epSOS Data Set
└ @use	set_cs	0 ... 1		
	CONF	The value of @use shall be drawn from value set 1.3.6.1.4.1.12559.11.10.1.3.1.42.40 epSOSTelecomAddress (DYN)		
└ @nullFlavor	cs	0 ... 1	F	NI
	Example	<pre><telecom use="WP" value="tel:+45 20 7025 6161"/> <telecom use="HP" value="mailto:jsmith@myprovider.co.uk"/></pre>		
<i>Choice</i>		1 ... 1		Elements to choose from: <ul style="list-style-type: none"> h17:associatedPerson h17:scopingOrganization
└ h17:associatedPerson			R	
└ h17:name	PN	1 ... 1	R	Patient Contact's Name / Preferred HP's Name
	epsos-dataelement-46			Full Name epSOS Data Set
	Example	<pre><name> <given>John</given> <family>Español Smith</family> </name></pre>		
<i>Choice</i>		2 ... *		Elements to choose from: <ul style="list-style-type: none"> h17:family h17:given
└ h17:family		1 ... *	R	Patient Contact's Family Name/Surname / Preferred HP's Family Name/Surname

Item	DT	Card	Conf	Description
	epsos-dataelement-38 epsos-dataelement-48			Family Name/Surname Family Name/Surname epSOS Data Set epSOS Data Set
└ h17:given		1 ... *	R	Patient Contact's Given Name / Preferred HP's Given Name
	epsos-dataelement-37 epsos-dataelement-47			Given Name Given Name epSOS Data Set epSOS Data Set
└ h17:scopingOrganization			R	
└ h17:name	ON	1 ... 1	R	Organization's Name
	epsos-dataelement-33			Organization Name epSOS Data Set
<i>Included</i>				from 2.16.840.1.113883.3.1937.777.11.10.112 CDA participant (DYNAMIC)
└ h17:participant		0 ... *	R	
└ @typeCode	cs	1 ... 1	R	
	CONF			The value of @typeCode shall be drawn from value set 2.16.840.1.113883.1.11.10901 ParticipationType (DYNAMIC)
└ @contextControlCode		1 ... 1	F	OP
└ h17:functionCode	CE.EPSOS	0 ... 1	R	
	CONF			The value of @code shall be drawn from value set 2.16.840.1.113883.1.11.10267 ParticipationFunction (DYNAMIC)
└ h17:time	IVL_TS	0 ... 1	R	

Item	DT	Card	Conf	Description
└ h17:associatedEntity		1 ... 1	R	
└ @classCode	cs	1 ... 1	R	
	CONF			The value of @classCode shall be drawn from value set 2.16.840.1.113883.1.11.19313 <i>RoleClassAssociative</i> (DYN
└ h17:id	II.EPSOS	0 ... *	R	
└ h17:code	CE.EPSOS	0 ... 1	R	
└ @codeSystem	CONF	0 ... 1	F	2.16.840.1.113883.5.111 (RoleCode)
└ h17:addr	AD	0 ... *	R	
└ h17:telecom	TEL	0 ... *	R	
└ h17:associatedPerson		0 ... 1	R	Contains 2.16.840.1.113883.3.1937.777.11.10.113 <i>CDA Person</i> (DYNAMIC)
└ h17:scopingOrganization		0 ... 1	R	Contains 2.16.840.1.113883.3.1937.777.11.10.111 <i>epSOS CDA Organization</i> (DYNAMIC)
<i>Included</i>		1 ... 1	R	from 2.16.840.1.113883.3.1937.777.11.10.106 <i>epSOS CDA documentationOf PCPR</i> (DYNAMIC)
└ h17:documentationOf		1 ... 1	R	
└ @typeCode	cs	1 ... 1	F	DOC
└ h17:serviceEvent		1 ... 1	R	
└ @classCode	cs	1 ... 1	F	PCPR

Item	DT	Card	Conf	Description
└ @moodCode	cs	1 ... 1	F	EVN
└ hl7:id	II.EPSOS	0 ... *	R	
└ hl7:code	CE.EPSOS	0 ... 1	R	
Choice		1 ... 1		Elements to choose from: <ul style="list-style-type: none"> hl7:effectiveTime[hl7:high] hl7:effectiveTime[@nullFlavor or @value]
└ hl7:effectiveTime	IVL_TS	... 1	R	
where [hl7:high]				
└ hl7:low	TS	0 ... 1	R	
└ hl7:high	TS	1 ... 1	R	
└ hl7:effectiveTime	TS	... 1	R	
where [@nullFlavor or @value]				
└ hl7:performer		0 ... *	R	represents the healthcare providers involved in the current or pertinent historical care of the patient. Preferably, the patient's key healthcare providers would be listed, particularly their primary physician and any active consulting physicians, therapists, and counselors
└ @typeCode	cs	1 ... 1	R	
	CONF	The value of @typeCode shall be drawn from value set 2.16.840.1.113883.1.11.19601 x_ServiceEventPerformer (D)		
└ hl7:functionCode	CE.EPSOS	1 ... 1	R	


Item	DT	Card	Conf	Description
	CONF			The value of @code shall be drawn from value set 1.3.6.1.4.1.12559.11.10.1.3.1.42.1 <i>epSOSHealthcareProfessionalRoles</i> (DYNAMIC)
└ h17:time	IVL_TS	0 ... 1	R	
└ h17:assignedEntity		1 ... 1	M	
└ h17:id	II.EPSOS	1 ... *	R	HP ID number
└ h17:code	CE.EPSOS	0 ... 1	R	HP Specialty
└ h17:addr	AD.EPSOS	1 ... *	R	
└ h17:telecom	TEL	1 ... *	R	<p>Performer's Telecom</p> <p>If there is no information, the nullFlavor attribute shall have a value of 'NI' and the "value" and "use" attributes shall be omitted, otherwise the nullFlavor attribute shall not be present, and the "value" and "use" attributes shall be present.</p> <p>Optionalities and Cardinalities of the following two items shall be interpreted according to this rule: e.g. is not expected to have two nullFlavored telecom elements.</p>
└ @use	set_cs	0 ... 1		
	CONF			The value of @use shall be drawn from value set 1.3.6.1.4.1.12559.11.10.1.3.1.42.40 <i>epSOSTelecomAddress</i> (DYN)
└ @nullFlavor	cs	0 ... 1	F	NI
	Example			<pre><telecom use="WP" value="tel:+45 20 7025 6161"/> <telecom use="HP" value="mailto:jsmith@myprovider.co.uk"/></pre>
└ h17:assignedPerson		0 ... 1		Contains 2.16.840.1.113883.3.1937.777.11.10.113 <i>CDA Person</i> (DYNAMIC)

Item	DT	Card	Conf	Description
└ h17:representedOrganization		0 ... 1		Contains 2.16.840.1.113883.3.1937.777.11.10.111 epSOS CDA Organization (DYNAMIC)
Included		1 ... 1	M	from 2.16.840.1.113883.3.1937.777.11.10.107 epSOS CDA relatedDocument (DYNAMIC)
└ h17:relatedDocument		1 ... 1	M	
└ @typeCode	cs	1 ... 1	R	
	CONF			The value of @typeCode shall be drawn from value set 2.16.840.1.113883.1.11.11610 x_ActRelationshipDocument
└ h17:parentDocument		1 ... 1	R	
└ @classCode		0 ... 1	F	DOCCLIN
└ @moodCode		0 ... 1	F	EVN
└ h17:id	I1.EPSOS	1 ... *	R	
└ h17:code	CD.EPSOS	0 ... 1	R	
└ @codeSystem	CONF	0 ... 1	F	2.16.840.1.113883.6.1 (LOINC)
└ h17:text	ED	0 ... 1	R	
└ h17:setId	I1.EPSOS	0 ... 1	R	
└ h17:versionNumber	INT	0 ... 1	R	
└ h17:component		1 ... 1	M	

Item	DT	Card	Conf	Description
<p>└ h17:structuredBody</p>		<p>1 ... 1</p>	<p>M</p>	<p>the component/structuredBody SHALL contain at least one [1..*] component/section.</p> <p>the component/structuredBody SHALL conform to the section constraints below</p> <ul style="list-style-type: none"> ▪ MAY contain zero or one [0..1] Medication Summary Section (templateId: 1.3.6.1.4.1.12559.11.10.1.3.1.2.3). ▪ MAY contain zero or one [0..1] Allergies and Other Adverse Reactions Section (templateId: 1.3.6.1.4.1.19376.1.5.3.1.3.13). ▪ MAY contain zero or one [0..1] Coded List of Surgeries Section (templateId: 1.3.6.1.4.1.19376.1.5.3.1.3.12). ▪ MAY contain zero or one [0..1] Active Problems Section (templateId: 1.3.6.1.4.1.19376.1.5.3.1.3.6). ▪ MAY contain zero or one [0..1] Medical Devices Coded Section (templateId: 1.3.6.1.4.1.12559.11.10.1.3.1.2.4). ▪ MAY contain zero or one [0..1] Immunizations Section (templateId: 1.3.6.1.4.1.19376.1.5.3.1.3.23). ▪ MAY contain zero or one [0..1] Health Maintenance Care Plan Section (templateId: 1.3.6.1.4.1.19376.1.5.3.1.1.9.50). ▪ MAY contain zero or one [0..1] History of Past Illness Section (templateId: 1.3.6.1.4.1.19376.1.5.3.1.3.8). ▪ MAY contain zero or one [0..1] Coded Social History Section (templateId: 1.3.6.1.4.1.19376.1.5.3.1.3.16.1). ▪ MAY contain zero or one [0..1] Pregnancy History Section (templateId: 1.3.6.1.4.1.19376.1.5.3.1.1.5.3.4). ▪ MAY contain zero or one [0..1] Coded Vital Signs Section (templateId: 1.3.6.1.4.1.19376.1.5.3.1.1.5.3.2). ▪ MAY contain zero or one [0..1] Coded Results Section (templateId: 1.3.6.1.4.1.19376.1.5.3.1.3.28).
<p>└ @classCode</p>	<p>cs</p>	<p>0 ... 1</p>	<p>F</p>	<p>DOCBODY</p>


Item	DT	Card	Conf	Description	
Choice		1 ... *		Elements to choose from: <ul style="list-style-type: none"> hl7:component containing template 1.3.6.1.4.1.12559.11.10.1.3.1.2.3 <i>Section Medication Summary</i> (DYNAMIC) hl7:component containing template 1.3.6.1.4.1.19376.1.5.3.1.3.13 <i>Section Allergies and Other Adverse Reactions</i> (DYNAMIC) hl7:component containing template 1.3.6.1.4.1.19376.1.5.3.1.3.12 <i>Section Coded List of Surgical Procedures</i> (DYNAMIC) hl7:component containing template 1.3.6.1.4.1.19376.1.5.3.1.3.6 <i>Section Active Problems</i> (DYNAMIC) hl7:component containing template 1.3.6.1.4.1.12559.11.10.1.3.1.2.4 <i>Section Medical Devices, Implants and Prostheses</i> (DYNAMIC) hl7:component containing template 1.3.6.1.4.1.19376.1.5.3.1.3.23 <i>Section Immunizations</i> (DYNAMIC) hl7:component containing template 1.3.6.1.4.1.19376.1.5.3.1.1.9.50 <i>Section Health Maintenance</i> (DYNAMIC) hl7:component containing template 1.3.6.1.4.1.19376.1.5.3.1.3.8 <i>Section History of Past Illnesses</i> (DYNAMIC) hl7:component containing template 1.3.6.1.4.1.19376.1.5.3.1.3.16.1 <i>Section Coded Social History</i> (DYNAMIC) hl7:component containing template 1.3.6.1.4.1.19376.1.5.3.1.1.5.3.4 <i>Section Pregnancy History</i> (DYNAMIC) hl7:component containing template 1.3.6.1.4.1.19376.1.5.3.1.1.5.3.2 <i>Section Coded Vital Signs</i> (DYNAMIC) hl7:component containing template 1.3.6.1.4.1.19376.1.5.3.1.3.28 (DYNAMIC) 	
	└ hl7:component		0 ... 1	R	Contains 1.3.6.1.4.1.12559.11.10.1.3.1.2.3 <i>Section Medication Summary</i> (DYNAMIC)
	where [hl7:section [hl7:templateId [@root = '1.3.6.1.4.1.12559.11.10.1.3.1.2.3']] and hl7:templateId [@root = '2.16.840.1.113883.10.20.1.8']]]				
	└ hl7:component		0 ... 1	R	Contains 1.3.6.1.4.1.19376.1.5.3.1.3.13 <i>Section Allergies and Other Adverse Reactions</i> (DYNAMIC)
	where [hl7:section [hl7:templateId [@root = '2.16.840.1.113883.10.20.1.2']] and hl7:templateId [@root = '1.3.6.1.4.1.19376.1.5.3.1.3.13']]]				

Item	DT	Card	Conf	Description
└─ hl7:component		0 ... 1	R	Contains 1.3.6.1.4.1.19376.1.5.3.1.3.12 <i>Section Coded List of Surgeries</i> (DYNAMIC)
where [hl7:section [hl7:templateId [@root = '1.3.6.1.4.1.19376.1.5.3.1.3.12']] and hl7:templateId [@root = '1.3.6.1.4.1.19376.1.5.3.1.3.11']]				
└─ hl7:component		0 ... 1	R	Contains 1.3.6.1.4.1.19376.1.5.3.1.3.6 <i>Section Active Problems</i> (DYNAMIC)
where [hl7:section [hl7:templateId [@root = '1.3.6.1.4.1.19376.1.5.3.1.3.6']] and hl7:templateId [@root = '2.16.840.1.113883.10.20.1.11']]				
└─ hl7:component		0 ... 1	R	Contains 1.3.6.1.4.1.12559.11.10.1.3.1.2.4 <i>Section Medical Devices Coded</i> (DYNAMIC)
where [hl7:section [hl7:templateId [@root = '1.3.6.1.4.1.12559.11.10.1.3.1.2.4']] and hl7:templateId [@root = '2.16.840.1.113883.10.20.1.7']] and hl7:templateId [@root = '1.3.6.1.4.1.19376.1.5.3.1.1.5.3.5']]				
└─ hl7:component		0 ... 1	R	Contains 1.3.6.1.4.1.19376.1.5.3.1.3.23 <i>Section Immunizations</i> (DYNAMIC)
where [hl7:section [hl7:templateId [@root = '1.3.6.1.4.1.19376.1.5.3.1.3.23']] and hl7:templateId [@root = '2.16.840.1.113883.10.20.1.6']]				
└─ hl7:component		0 ... 1	R	Contains 1.3.6.1.4.1.19376.1.5.3.1.1.9.50 <i>Section Health Maintenance Care Plan</i> (DYNAMIC)
where [hl7:section [hl7:templateId [@root = '2.16.840.1.113883.10.20.1.10']] and hl7:templateId [@root = '1.3.6.1.4.1.19376.1.5.3.1.3.31']] and hl7:templateId [@root = '1.3.6.1.4.1.19376.1.5.3.1.1.9.50']]				
└─ hl7:component		0 ... 1	R	Contains 1.3.6.1.4.1.19376.1.5.3.1.3.8 <i>Section History of Past Illness</i> (DYNAMIC)
where [hl7:section [hl7:templateId [@root = '1.3.6.1.4.1.19376.1.5.3.1.3.8']]				
└─ hl7:component		0 ... 1	R	Contains 1.3.6.1.4.1.19376.1.5.3.1.3.16.1 <i>Section Coded Social History</i> (DYNAMIC)
where [hl7:section [hl7:templateId [@root = '1.3.6.1.4.1.19376.1.5.3.1.3.16.1']] and hl7:templateId [@root = '1.3.6.1.4.1.19376.1.5.3.1.3.16']] and hl7:templateId [@root = '2.16.840.1.113883.10.20.1.15']]				
└─ hl7:component		0 ... 1	R	Contains 1.3.6.1.4.1.19376.1.5.3.1.1.5.3.4 <i>Section Pregnancy History</i> (DYNAMIC)

Item	DT	Card	Conf	Description
where [hl7:section [hl7:templateId [@root = '1.3.6.1.4.1.19376.1.5.3.1.1.5.3.4']]]				
└ h17:component		0 ... 1	R	Contains 1.3.6.1.4.1.19376.1.5.3.1.1.5.3.2 Section Coded Vital Signs (DYNAMIC)
where [hl7:section [hl7:templateId [@root = '1.3.6.1.4.1.19376.1.5.3.1.1.5.3.2']] and hl7:templateId [@root = '1.3.6.1.4.1.19376.1.5.3.1.3.25']]]				
└ h17:component		0 ... 1	R	Contains  Error: Cannot find template "1.3.6.1.4.1.19376.1.5.3.1.3.28" (DYNAMIC)

7.1.6 epSOS-Medication Related Overview 1.3.6.1.4.1.12559.11.10.1.3.1.1.5 - 2013-12-20

Direction	Underlying Model	Template name	Schematron
 initial	ClinicalDocument	HealthCareEncounterReport	epsos-HealthCareEncounterReport.sch

Id	1.3.6.1.4.1.12559.11.10.1.3.1.1.5	Effective Date	2013-12-20
Status	 Active	Version Label	
Name	epSOS-MRO	Display Name	epSOS-Medication Related Overview

Description














epSOS Medication Related Overview Template

The implementers must be familiar with the context of the project, as it shall not be repeated in this document. The implementers must also be familiar with the content of the following documents:

- CDA Release 2.0 Normative Web Edition, May, 2005
- HL7 Implementation Guide: CDA Release 2 – Continuity of Care Document (CCD), HL7, April 1, 2007.
- Integrating the Healthcare Enterprise, Patient Care Coordination Technical Framework, Volume 1 and Volume 2- Revision 5, IHE International, August 10, 2009.
- Integrating the Healthcare Enterprise, Patient Care Coordination CDA Content Modules- Trial Implementation Supplement, August 10, 2009.
- HL7 Implementation Guide for CDA Release 2: History and Physical (H&P) Notes, HL7, July 16, 2008.

The Medication Related Overview (MRO) is a document for informational purposes only that supports all possible information that might be needed in the process of prescribing, dispensing (and possibly even administering) medication to the patient in a foreign country.

The absolute minimum set of medical information in the MRO consists of all the coded prescriptions and medication dispenses available in country A. Other useful information for the medication process, such as allergies and intolerances, are in the extended data set of the MRO.

Context	Pathname /		
Classification	CDA Document Level Template		
Open/Closed	Open (other than defined elements are allowed)		
Used by / Uses	Used by 1 transaction and 0 templates, Uses 17 templates		
	Used by	as	Name
	epsos-transactions-21	Transaction	 Send HCER to country A
	Uses	as	Name
	2.16.840.1.113883.3.1937.777.11.10.110	Include	 epSOS CDA Id
	2.16.840.1.113883.3.1937.777.11.10.108	Include	 epSOS CDA setId
	2.16.840.1.113883.3.1937.777.11.10.100	Include	 epSOS CDA recordTarget
	2.16.840.1.113883.3.1937.777.11.10.102	Include	 epSOS CDA author
	2.16.840.1.113883.3.1937.777.11.10.104	Include	 epSOS CDA custodian
	2.16.840.1.113883.3.1937.777.11.10.109	Include	 epSOS CDA legalAuthenticator
2.16.840.1.113883.3.1937.777.11.10.101	Include	 epSOS CDA Contact/Preferred HP/Legal Organization	
2.16.840.1.113883.3.1937.777.11.10.112	Include	 CDA participant	
2.16.840.1.113883.3.1937.777.11.10.106	Include	 epSOS CDA documentationOf PCPR	
2.16.840.1.113883.3.1937.777.11.10.107	Include	 epSOS CDA relatedDocument	
1.3.6.1.4.1.12559.11.10.1.3.1.2.3	Containment	 Section Medication Summary	
1.3.6.1.4.1.19376.1.5.3.1.3.13	Containment	 Section Allergies and Other Adverse Reactions	

	1.3.6.1.4.1.19376.1.5.3.1.3.6	Containment		Section Active Problems	DYNAMIC
	1.3.6.1.4.1.19376.1.5.3.1.3.23	Containment		Section Immunizations	DYNAMIC
	1.3.6.1.4.1.19376.1.5.3.1.3.16.1	Containment		Section Coded Social History	DYNAMIC
	1.3.6.1.4.1.19376.1.5.3.1.1.5.3.4	Containment		Section Pregnancy History	DYNAMIC
	1.3.6.1.4.1.19376.1.5.3.1.1.5.3.2	Containment		Section Coded Vital Signs	DYNAMIC

Relationship

Specialization: template 2.16.840.1.113883.10.12.1 (2005-09-07)

There are open issues with this item:



- epsos-issue-168: *realmCode* (Open)
- epsos-issue-228: *custodian org*, see *epsos-issue-219* (Open)

Item	DT	Card	Conf	Description
h17:ClinicalDocument			R	CDA header
└ h17:realmCode	CS	1 ... 1	M	
└ h17:typeId	II.EPSOS	1 ... 1	M	The clinical document typeId identifies the constraints imposed by CDA R2 on the content, essential acting as a version identifier. The @root and @extension values of this element are specified as shown in the <i>example</i> below.
└ @root	uid	1 ... 1	F	2.16.840.1.113883.1.3
└ @extension	st	1 ... 1	F	POCD_HD000040
	Example	<code><typeId extension="POCD_HD000040" root="2.16.840.1.113883.1.3"/></code>		
└ h17:templateId	II.EPSOS	1 ... 1	M	Template ID for epSOS Medication Related Overview document
└ @root	uid	1 ... 1	F	1.3.6.1.4.1.12559.11.10.1.3.1.1.5
	Example	<code><templateId root="1.3.6.1.4.1.12559.11.10.1.3.1.1.5"/></code>		

Item	DT	Card	Conf	Description
Included		1 ... 1	M	from 2.16.840.1.113883.3.1937.777.11.10.110 epSOS CDA Id (DYNAMIC)
└ h17:id		1 ... 1	M	<p>The ClinicalDocument/id element is an instance identifier data type. The root attribute is an OID. If there is a value in @extension, then the root uniquely identifies the scope of the extension. If there is no value in @extension then @root SHALL uniquely identify the document</p> <p>UUIDs SHALL be represented in the form XXXXXXXX-XXXX-XXXX-XXXX-XXXXXXXXXXXX, where each X is a character from the set [A-Fa-f0-9].</p> <p>OIDs SHALL be represented in dotted decimal notation, where each decimal number is either 0, or starts with a nonzero digit. More formally, an OID SHALL be in the form ([0-2]).([1-9][0-9]* 0)+.</p>
		 epsos-dataelement-176  Identification  epSOS Data Set		
Example		<code><id extension="a621" root="2.16.840.1.113883.3.1937.777.11.9999"/></code>		
└ h17:code	CV.EPSOS	1 ... 1	M	Determines the document type "epSOS Patient Summary Document"
└ @displayName		1 ... 1	R	
└ @code		1 ... 1	F	56445-0
└ @codeSystem	CONF	1 ... 1	F	2.16.840.1.113883.6.1 (LOINC)
Example		<code><code code="56445-0" codeSystem="2.16.840.1.113883.6.1" codeSystemName="LOINC" displayName="Medication Summary Document"/></code>		
└ h17:title	ST	1 ... 1	M	ClinicalDocument/title is used for display purposes.
Example		<code><title>epSOS Medication Related Overview Maria Bakker November 13, 2011</title></code>		
└ h17:effectiveTime	TS.EPSOS.TZ	1 ... 1	M	The element contains the date and time at which this document was created as an electronic document
Example		<code><effectiveTime value="20111113125600"/></code>		
└ h17:confidentialityCode	CE.EPSOS	1 ... 1	R	ClinicalDocument/confidentialityCode shall be present in accordance with the HL7 CDA R2 standard

Item	DT	Card	Conf	Description
	CONF			The value of @code shall be drawn from value set 1.3.6.1.4.1.12559.11.10.1.3.1.42.31 <i>epSOSConfidentiality</i> (DYNAMIC)
	Example			<confidentialityCode code="N" codeSystem="2.16.840.1.113883.5.25"/>
└ h17:languageCode	CS	1 ... 1	M	<p>Document Language Code</p> <ul style="list-style-type: none"> The language code SHALL be in the form nn-CC. The nn portion SHALL be an ISO-639-1 language code in lower case derived by the Value Set <i>epSOSLanguage</i>. The CC portion SHALL be an ISO-3166 country code in upper case derived by the value Set <i>epSOSCountry</i>
	Example			<languageCode code="en-GB"/>
	Schematron assert	role	error	
		test	matches(@code,'[a-z]{2}-[A-Z]{2}')	
		Message	The language code SHALL be in the form nn-CC where nn is ISO-639-1 <i>epSOSLanguage</i> and CC is ISO-3166 <i>epSOSCountry</i>	
Included		0 ... 1		from 2.16.840.1.113883.3.1937.777.11.10.108 <i>epSOS CDA setId</i> (DYNAMIC)
└ h17:setId		0 ... 1	R	<p>This attribute “represents an identifier that is common across all document revisions”.</p> <p>In the case of the NCP transcoding /translation this is the ID that remains unchanged among all the existing transformations.</p> <p>Implementers are recommended to use this attribute.</p>
└ h17:versionNumber		0 ... 1	R	
Included		1 ... 1	M	from 2.16.840.1.113883.3.1937.777.11.10.100 <i>epSOS CDA recordTarget</i> (DYNAMIC)
└ h17:recordTarget		1 ... 1	M	
		 epsos-dataelement-5		 Patient Data
				 epSOS Data Set










Item	DT	Card	Conf	Description
└ @typeCode	cs	0 ... 1	F	RCT
└ @contextControlCode	cs	0 ... 1	F	OP
└ h17:patientRole		1 ... 1	M	
	⊙ epsos-dataelement-26			● Contact Information ● epSOS Data Set
└ @classCode	cs	0 ... 1	F	PAT
└ h17:id	I1.EPSOS	1 ... *	R	Patient Identifiers: Primary Patient Identifier (Regional/National Health Id), Secondary Patient Identifier (Social/Insurance Number)
	⊙ epsos-dataelement-235			● Other Identifier ● epSOS Data Set
	epsos-dataelement-7			● National Health Care patient ID (country of affiliation) ● epSOS Data Set
	epsos-dataelement-234			● National Health Care patient ID (country of treatment) ● epSOS Data Set
	epsos-dataelement-6			● Identification ● epSOS Data Set
└ h17:addr	AD.EPSOS	1 ... 1	R	The patient address element is required. If there is no information, the nullFlavor attribute shall have value of 'NI' and no address parts shall be present, otherwise there shall be no nullFlavor attribute, and at least one of the address parts listed below shall be present.
	⊙ epsos-dataelement-27			● Address ● epSOS Data Set
└ @nullFlavor	cs	0 ... 1	F	NI
└ h17:streetAddressLine		0 ... *	R	Patient's Number of Street/Patient's Number of Street
	⊙ epsos-dataelement-51			● Street ● epSOS Data Set

Item	DT	Card	Conf	Description
	epsos-dataelement-52			Number of Street epSOS Data Set
└ h17:city		0 ... 1	R	Patient's City
	epsos-dataelement-55			City epSOS Data Set
└ h17:postalCode		0 ... 1	R	Patient's Postal Code
	epsos-dataelement-53			Postal Code epSOS Data Set
└ h17:state		0 ... 1	R	Patient's State or Province
	epsos-dataelement-56			State or Province epSOS Data Set
└ h17:country		0 ... 1	R	Patient's Country. When used addr.country it is always bound to the epSOSCountry value set
	epsos-dataelement-54			Country epSOS Data Set
	CONF	The value of @code shall be drawn from value set 1.3.6.1.4.1.12559.11.10.1.3.1.42.4 epSOSCountry (DYNAMIC)		
└ h17:telecom	TEL	1 ... *	R	Patient's telephone number / Patient e-mail address. The patient telephone or e-mail element is required. If there is no information, the nullFlavor attribute shall have a value of 'NI' and the "value" and "use" attributes shall be omitted, otherwise the nullFlavor attribute shall not be present, and the "value" and "use" attributes shall be present. Optionalities and Cardinalities of the following two items shall be interpreted according to this rule: e.g. is not expected to have two nullFlavored telecom elements.
	epsos-dataelement-28			Telephone No epSOS Data Set
	epsos-dataelement-300			Telecom epSOS Data Set
	epsos-dataelement-29			Email epSOS Data Set
└ @use	set_cs	0 ... 1		








Item	DT	Card	Conf	Description
	CONF			The value of @use shall be drawn from value set 1.3.6.1.4.1.12559.11.10.1.3.1.42.40 epSOSTelecomAddress (DYN)
└ @nullFlavor	cs	0 ... 1	F	NI
└ h17:patient		1 ... 1	M	
	⊙ epsos-dataelement-8			● Personal Information ● epSOS Data Set
└ @classCode	cs	0 ... 1	F	PSN
└ @determinerCode	cs	0 ... 1	F	INSTANCE
└ h17:name	PN	1 ... *	R	Patient Name
	⊙ epsos-dataelement-9			● Full Name ● epSOS Data Set
└ h17:family		1 ... *	M	Patient's Family Name/Surname
	⊙ epsos-dataelement-13			● Family Name/Surname ● epSOS Data Set
└ h17:prefix		0 ... *	R	Patient's Prefix
	⊙ epsos-dataelement-263			● Prefix ● epSOS Data Set
	Constraint			If the attribute qualifier is used for this element it should be derived from epSOSEntityNamePartQualifier 2.16.840.1.
└ h17:given		1 ... *	M	Patient's Given Name
	⊙			

Item	DT	Card	Conf	Description
	epsos-dataelement-12			Given name epSOS Data Set
└ h17:administrativeGenderCode	CE.EPSOS	1 ... 1	R	Patient's Gender
	epsos-dataelement-11			Gender epSOS Data Set
└ @nullFlavor	cs	0 ... 1	F	UNK
	CONF	The value of @code shall be drawn from value set 1.3.6.1.4.1.12559.11.10.1.3.1.42.34 <i>epSOSAdministrativeGender</i>		
└ h17:birthTime	TS	1 ... 1	M	Patient's Date of Birth. The patient date of birth may be a partial date such as only the year.
	epsos-dataelement-10			Date of Birth epSOS Data Set
└ h17:guardian		0 ... *	R	<p>The guardians of a patient shall be recorded in the <guardian> element beneath the /ClinicalDocument/recordTarget/patientRole/patient XML - <patient> element. Other patient contacts are described using the /ClinicalDocument/participant structure. The <associatedEntity> element defines the type of contact.</p> <p>The relationship between the patient and the guardian or other contact should be recorded in the <code> element. The code attribute is required and comes from the HL7 PersonalRelationshipRoleType vocabulary (epSOSPersonalRelationship value set).</p> <p>The address of the guardian or other contact should be present, and shall be represented, as any other address would be in CDA.</p> <p>The phone number of the guardian or other contact should be present, and shall be represented, as any other phone number would be in CDA.</p> <p>The name of the guardian or other contact shall be present, and shall be represented, as any other name would be in CDA.</p>
└ @classCode	cs	1 ... 1	F	GUARD

Item	DT	Card	Conf	Description
└ @nullFlavor	cs	0 ... 1		Use nullFlavor if unknown or if no information is applicable
Example				<pre> <guardian classCode="GUARD"> <templateId root="1.3.6.1.4.1.19376.1.5.3.1.2.4"/> <addr> <streetAddressLine>2222 Home Street</streetAddressLine> <city>London</city> <state>London</state> <postalCode>A1B 2C3</postalCode> <country>UK</country> </addr> <telecom value="tel:+452070256161"/> <telecom value="mailto:jsmith@myprovider.co.uk"/> <guardianPerson> <name> <given>John</given> <family>Español Smith</family> </name> </guardianPerson> </guardian> </pre>
└ h17:templateId	I1.EPSOS	1 ... 1	M	Template id for IHE PCC Patient Contacts
└ @root	uid	1 ... 1	F	1.3.6.1.4.1.19376.1.5.3.1.2.4
└ h17:addr	AD.EPSOS	1 ... 1	R	The guardian's address element is required. If there is no information, the nullFlavor attribute shall have a value of 'NI' and no address parts shall be present, otherwise there shall be no nullFlavor attribute, and at least one of the address parts listed below shall be present
└ @nullFlavor	cs	0 ... 1	F	NI
└ h17:streetAddressLine		0 ... *	R	Guardian's Number of Street/Guardian's Number of Street
└ h17:city		0 ... 1	R	Guardian's City

Item	DT	Card	Conf	Description
└ h17:postalCode		0 ... 1	R	Guardian's Postal Code
└ h17:state		0 ... 1	R	Guardian's State or Province
└ h17:country		0 ... 1	R	Guardian's Country. When used addr.country it is always bound to the epSOSCountry value set
	CONF	The value of @code shall be drawn from value set 1.3.6.1.4.1.12559.11.10.1.3.1.42.4 epSOSCountry (DYNAMIC)		
└ h17:telecom	TEL	1 ... *	R	Guardian's telephone number / Patient e-mail address. The guardian telephone or e-mail element is required. If there is no information, the nullFlavor attribute shall have a value of 'NI' and the "value" and "use" attributes shall be omitted, otherwise the nullFlavor attribute shall not be present, and the "value" and "use" attributes shall be present. Optionalities and Cardinalities of the following two item shall be interpreted according to this rule: e.g. is not expected to have two nullFlavored telecom elements.
	 epsos-dataelement-39		 Telephone No	 epSOS Data Set
└ @use	set_cs	0 ... 1		
	CONF	The value of @use shall be drawn from value set 1.3.6.1.4.1.12559.11.10.1.3.1.42.40 epSOSTelecomAddress (DYNAMIC)		
└ @nullFlavor	cs	0 ... 1	F	NI
└ h17:guardianPerson		1 ... 1	R	
	 epsos-dataelement-34		 Contact Person/legal guardian	 epSOS Data Set
└ h17:name	PN	1 ... *	R	Patient Guardian's Name
	 epsos-dataelement-36		 Full Name	 epSOS Data Set

Item	DT	Card	Conf	Description
Choice		2 ... *		Elements to choose from: <ul style="list-style-type: none"> hl7:family hl7:given
└ hl7:family		1 ... *	R	Patient Guardian's Family Name/Surname
	🎯 epsos-dataelement-38			🟡 Family Name/Surname 🟡 epSOS Data Set
└ hl7:given		1 ... *	R	Patient Guardian's Given Name
	🎯 epsos-dataelement-37			🟡 Given Name 🟡 epSOS Data Set
└ hl7:languageCommunication		0 ... *	R	This element is derived from the IHE template LanguageCommunication (1.3.6.1.4.1.19376.1.5.3.1.2.1), however this template does not need the element preferenceInd because the language is already said to be the "preferred language".
└ hl7:languageCode	CS	1 ... 1	R	Patient's preferred language <ul style="list-style-type: none"> The language code SHALL be in the form nn-CC. The nn portion SHALL be an ISO-639-1 language code in lower case derived by the Value Set epSOSLanguage. The CC portion SHALL be an ISO-3166 country code in upper case derived by the value Set epSOSCountry
	Example	<languageCode code="en-GB"/>		
	Schematron assert	role	🔴 error	
		test	matches(@code,[a-z]{2}-[A-Z]{2}')	
		Message	The language code SHALL be in the form nn-CC where nn is ISO-639-1 epSOSLanguage and CC is ISO-3166 epSOSCountry	
Included		1 ... *	R	from 2.16.840.1.113883.3.1937.777.11.10.102 epSOS CDA author (DYNAMIC)
└ hl7:author		1 ... *	R	
	🎯 epsos-dataelement-67			🟡 Author 🟡 epSOS Data Set

Item	DT	Card	Conf	Description
└ @typeCode	cs	0 ... 1	F	AUT
└ @contextControlCode	cs	0 ... 1	F	OP
└ h17:functionCode	CE.EPSOS	0 ... 1	R	
		 epsos-dataelement-180		 Author Role  epSOS Data Set
		CONF		The value of @code shall be drawn from value set 1.3.6.1.4.1.12559.11.10.1.3.1.42.1 <i>epSOSHealthcareProfessionalRoles</i> (DYNAMIC)
└ h17:time	TS.EPSOS.TZ	1 ... 1	R	The author/time element represents the start time of the author's participation in the creation of the clinical document. The author/time element SHALL be present.
└ h17:assignedAuthor		1 ... 1	R	
└ @classCode	cs	0 ... 1	F	ASSIGNED
		Schematron assert		role  error test @nullFlavor or h17:assignedPerson or h17:assignedAuthoringDevice Message If assignedAuthor has an associated representedOrganization with no assignedPerson or assignedAuthoringDevice, then the value for "ClinicalDocument/author/assignedAuthor/id/@nullFlavor" SHALL be "NA" "Not applicable" 2.16.840.1.113883.5.1008 NullFlavor STATIC.
└ h17:id	II.EPSOS	1 ... *	R	HP ID number
		 epsos-dataelement-22		 Author Identification  epSOS Data Set
└ @nullFlavor	cs	0 ... 1	F	NA
└ h17:code	CE.EPSOS	0 ... 1	R	HP Specialty

Item	DT	Card	Conf	Description
└ h17:addr	AD.EPSOS	1 ... *	R	
└ h17:telecom	TEL.EPSOS	1 ... *	R	Attribute @value SHALL contain a URI if element telecom is used. The URI scheme SHALL be one of URLScheme
└ @use	set_cs	0 ... 1		
	CONF			The value of @use shall be drawn from value set 1.3.6.1.4.1.12559.11.10.1.3.1.42.40 epSOSTelecomAddress (DYNAMIC)
<i>Choice</i>		0 ... 1		Elements to choose from: <ul style="list-style-type: none"> ▪ h17:assignedPerson ▪ h17:assignedAuthoringDevice containing template 2.16.840.1.113883.3.1937.777.11.10.129 CD (DYNAMIC)
└ h17:assignedPerson			R	
└ @classCode	cs	0 ... 1	F	PSN
└ @determinerCode	cs	0 ... 1	F	INSTANCE
└ h17:name	PN	1 ... 1	R	HP Name
	epsos-dataelement-19		Author Full Name	epSOS Data Set
Example		<pre><name> <given>John</given> <family>Español Smith</family> </name></pre>		
└ h17:family		1 ... *	M	HP Family Name/Surname

Item	DT	Card	Conf	Description
	⊙ epsos-dataelement-21			● Family Name/Surname ● epSOS Data Set
└ h17:given		1 ... *	M	HP Given Name
	⊙ epsos-dataelement-20			● Given Name ● epSOS Data Set
└ h17:prefix		0 ... *	R	HP Prefix
	⊙ epsos-dataelement-273			● Prefix ● epSOS Data Set
└ h17:suffix		0 ... *	R	HP Suffix
	⊙ epsos-dataelement-274			● Suffix ● epSOS Data Set
└ h17:assignedAuthoringDevice			R	Contains 2.16.840.1.113883.3.1937.777.11.10.129 <i>CDA Device</i> (DYNAMIC)
└ h17:representedOrganization		1 ... 1	R	Contains 2.16.840.1.113883.3.1937.777.11.10.111 <i>epSOS CDA Organization</i> (DYNAMIC)
	⊙ epsos-dataelement-23			● Author Healthcare Facility ● epSOS Data Set
Included		1 ... 1	M	from 2.16.840.1.113883.3.1937.777.11.10.104 <i>epSOS CDA custodian</i> (DYNAMIC)
└ h17:custodian		1 ... 1	M	
└ @typeCode		0 ... 1	F	CST
└ h17:assignedCustodian		1 ... 1	R	
└ @classCode		0 ... 1	F	ASSIGNED

Item	DT	Card	Conf	Description
└ h17:representedCustodianOrganization		1 ... 1	R	Contains 2.16.840.1.113883.3.1937.777.11.10.111 epSOS CDA Organization (DYNAMIC)
└ @classCode		0 ... 1	F	ORG
└ @determinerCode		0 ... 1	F	INSTANCE
Included		1 ... 1	M	from 2.16.840.1.113883.3.1937.777.11.10.109 epSOS CDA legalAuthenticator (DYNAMIC)
└ h17:legalAuthenticator		1 ... 1	M	The person taking responsibility for the medical content of the document. In Spain this is the regional authority in healthcare. This regional authority healthcare organization will send this to the NCP. The definition of the legal authenticator may vary according to the rules set up in the framework agreement particular to each state. It may be a person or a regional authority, or an NCP.
└ h17:time	TS.EPSOS.TZ	1 ... 1	M	Time of signing the document
└ h17:signatureCode	CS	1 ... 1	R	Signature code
└ @code	CONF	0 ... 1	F	S
└ h17:assignedEntity		1 ... 1	M	The regional authority that is responsible for the legal authentication of the CDA document
└ h17:id		1 ... 1	M	Unique identification of legal authenticator
└ h17:addr	AD.EPSOS	1 ... *	R	
└ h17:telecom	TEL	1 ... *	R	Legal Authenticator's Telecom If there is no information, the nullFlavor attribute shall have a value of 'NI' and the "value" and "use" attributes shall be omitted, otherwise the nullFlavor attribute shall not be present, and the "value" and "use" attributes shall be present.

Item	DT	Card	Conf	Description
				Optionalities and Cardinalities of the following two items shall be interpreted according to this rule: e.g. is not expected to have two nullFlavored telecom elements.
└ @use	set_cs	0 ... 1		
	CONF			The value of @use shall be drawn from value set 1.3.6.1.4.1.12559.11.10.1.3.1.42.40 <i>epSOSTelecomAddress</i> (DYN)
└ @nullFlavor	cs	0 ... 1	F	NI
	Example			<pre><telecom use="WP" value="tel:+45 20 7025 6161"/> <telecom use="HP" value="mailto:jsmith@myprovider.co.uk"/></pre>
└ h17:assignedPerson		1 ... 1	R	
└ @classCode	cs	0 ... 1	F	PSN
└ @determinerCode	cs	0 ... 1	F	INSTANCE
└ h17:name	PN	1 ... 1	R	HP Name
	Example			<pre><name> <given>John</given> <family>Español Smith</family> </name></pre>
└ h17:family		1 ... *	M	HP Family Name/Surname
└ h17:given		1 ... *	M	HP Given Name
└ h17:prefix		0 ... *	R	HP Prefix
└ h17:suffix		0 ... *	R	HP Suffix

Item	DT	Card	Conf	Description									
└ h17:representedOrganization		1 ... 1	M	Contains 2.16.840.1.113883.3.1937.777.11.10.111 epSOS CDA Organization (DYNAMIC)									
where [not(@nullFlavor)]													
Choice		0 ... *		<p>The participant element identifies other supporting participants, including parents, relatives, caregivers, policy holders, guarantors, and other participants related in some way to the patient. A supporting person or organization is an individual or an organization with a relationship to the patient. A supporting person playing multiple roles would be recorded in multiple participants (e.g., emergency contact and next-of-kin).</p> <p>Elements to choose from:</p> <ul style="list-style-type: none"> hl7:participant[hl7:templateId/@root='1.3.6.1.4.1.19376.1.5.3.1.2.4'] included from template 2.16.840.1.113883.3.1937.777.11.10.101 epSOS CDA Contact/Preferred HP/Legal Organization (DYNAMIC) hl7:participant included from template 2.16.840.1.113883.3.1937.777.11.10.112 CDA participant (DYNAMIC) 									
Included				from 2.16.840.1.113883.3.1937.777.11.10.101 epSOS CDA Contact/Preferred HP/Legal Organization (DYNAMIC)									
└ h17:participant			R	Contact person / Preferred Health Professional to contact about patient.									
where [hl7:templateId/@root='1.3.6.1.4.1.19376.1.5.3.1.2.4']													
				<table border="0"> <tr> <td>⊙ epsos-dataelement-31</td> <td>● Legal Organization to contact</td> <td>● epSOS Data Set</td> </tr> <tr> <td>epsos-dataelement-34</td> <td>● Contact Person/legal guardian</td> <td>● epSOS Data Set</td> </tr> <tr> <td>epsos-dataelement-30</td> <td>● Preferred HP to contact</td> <td>● epSOS Data Set</td> </tr> </table>	⊙ epsos-dataelement-31	● Legal Organization to contact	● epSOS Data Set	epsos-dataelement-34	● Contact Person/legal guardian	● epSOS Data Set	epsos-dataelement-30	● Preferred HP to contact	● epSOS Data Set
⊙ epsos-dataelement-31	● Legal Organization to contact	● epSOS Data Set											
epsos-dataelement-34	● Contact Person/legal guardian	● epSOS Data Set											
epsos-dataelement-30	● Preferred HP to contact	● epSOS Data Set											
└ @typeCode	cs	1 ... 1	F	IND Participant typeCode									
└ h17:templateId		1 ... 1	M										

Item	DT	Card	Conf	Description
└ @root	uid	1 ... 1	F	1.3.6.1.4.1.19376.1.5.3.1.2.4
└ h17:functionCode		0 ... 1	C	
	Constraint	The element is mandatory when this participant is the preferred HP		
└ @code		0 ... 1	F	PCP
└ @codeSystem	CONF	0 ... 1	F	2.16.840.1.113883.5.88 (HL7 ParticipationFunction)
└ h17:time	IVL_TS.EPSOS.TZ.OPT	0 ... 1	R	The element may be present and indicates the time of the participation.
└ h17:associatedEntity			R	The element identifies the type of contact. The classCode attribute shall be present, and contains a value from the epSOSRoleClass value set when used for the patient contacts; 'PRS' when used for "Preferred HP / Legal Organization".
└ @classCode	cs	1 ... 1	R	
	CONF	The value of @classCode shall be drawn from value set 1.3.6.1.4.1.12559.11.10.1.3.1.42.39 epSOSRoleClass (DYN) or @classCode shall be "PRS"		
└ h17:code	CV.EPSOS	0 ... 1	R	The relationship between the patient and the guardian or other contact should be recorded in the element. The code attribute is required and comes from the HL7 PersonalRelationshipRoleType vocabulary with codeSystem (2.16.840.1.113883.5.111). The codeSystem attribute is required. The relationship between the patient and his preferred HP comes from the the full RoleCode (2.16.840.1.113883.5.111) codeSystem
	🎯 epsos-dataelement-35		🟡 Role of that person	🟡 epSOS Data Set
	CONF	The value of @code shall be drawn from value set 1.3.6.1.4.1.12559.11.10.1.3.1.42.38 epSOSPersonalRelationship		
└ h17:addr	AD.EPSOS	1 ... 1	R	Patient Contact's / Preferred HP's Address

Item	DT	Card	Conf	Description
└ @nullFlavor	cs	0 ... 1	F	NI
	Schematron assert		role	error
			test	@nullFlavor or hl7:*
			Message	If addr is not nullflavored at least one sub element has to be provided
└ hl7:streetAddressLine		0 ... *	R	Patient Contact's Street/Number of Street / Preferred HP's Street/Number of Street
└ hl7:city		0 ... 1	R	Patient Contact's City / Preferred HP's City
└ hl7:postalCode		0 ... 1	R	Patient Contact's Postal Code / Preferred HP's Postal Code
└ hl7:state		0 ... 1	R	Patient Contact's State or Province / Preferred HP's State or Province
└ hl7:country		0 ... 1	R	Patient Contact's Country / Preferred HP's Country. When used addr.country it is always bound to the epSOSCountry value set
└ hl7:telecom	TEL	1 ... *	R	Patient Contact's / Preferred HP's/Legal Organization telephone or e-mail element is required. If there is no information, the nullFlavor attribute shall have a value of 'UNK' and the "value" and "use" attributes shall be omitted, otherwise the nullFlavor attribute shall not be present, and the "value" and "use" attributes shall be present
	epsos-dataelement-40 epsos-dataelement-50 epsos-dataelement-43 epsos-dataelement-41 epsos-dataelement-39 epsos-dataelement-49		Email Email Email Telephone No Telephone No Telephone No	epSOS Data Set epSOS Data Set epSOS Data Set epSOS Data Set epSOS Data Set epSOS Data Set

Item	DT	Card	Conf	Description
└ @use	set_cs	0 ... 1		
	CONF	The value of @use shall be drawn from value set 1.3.6.1.4.1.12559.11.10.1.3.1.42.40 epSOSTelecomAddress (DYN)		
└ @nullFlavor	cs	0 ... 1	F	NI
	Example	<pre><telecom use="WP" value="tel:+45 20 7025 6161"/> <telecom use="HP" value="mailto:jsmith@myprovider.co.uk"/></pre>		
<i>Choice</i>		1 ... 1		Elements to choose from: <ul style="list-style-type: none"> hl7:associatedPerson hl7:scopingOrganization
└ hl7:associatedPerson			R	
└ hl7:name	PN	1 ... 1	R	Patient Contact's Name / Preferred HP's Name
	epsos-dataelement-46		Full Name	epSOS Data Set
	Example	<pre><name> <given>John</given> <family>Español Smith</family> </name></pre>		
<i>Choice</i>		2 ... *		Elements to choose from: <ul style="list-style-type: none"> hl7:family hl7:given
└ hl7:family		1 ... *	R	Patient Contact's Family Name/Surname / Preferred HP's Family Name/Surname
	epsos-dataelement-38		Family Name/Surname	epSOS Data Set
	epsos-dataelement-48		Family Name/Surname	epSOS Data Set
└ hl7:given		1 ... *	R	Patient Contact's Given Name / Preferred HP's Given Name

Item	DT	Card	Conf	Description
	 epsos-dataelement-37 epsos-dataelement-47			 Given Name  epSOS Data Set  Given Name  epSOS Data Set
└ h17:scopingOrganization			R	
└ h17:name	ON	1 ... 1	R	Organization's Name
	 epsos-dataelement-33			 Organization Name  epSOS Data Set
<i>Included</i>				from 2.16.840.1.113883.3.1937.777.11.10.112 CDA participant (DYNAMIC)
└ h17:participant		0 ... *	R	
└ @typeCode	cs	1 ... 1	R	
	CONF	The value of @typeCode shall be drawn from value set 2.16.840.1.113883.1.11.10901 ParticipationType (DYNAMIC)		
└ @contextControlCode		1 ... 1	F	OP
└ h17:functionCode	CE.EPSOS	0 ... 1	R	
	CONF	The value of @code shall be drawn from value set 2.16.840.1.113883.1.11.10267 ParticipationFunction (DYNAMIC)		
└ h17:time	IVL_TS	0 ... 1	R	
└ h17:associatedEntity		1 ... 1	R	
└ @classCode	cs	1 ... 1	R	

Item	DT	Card	Conf	Description
	CONF	The value of @classCode shall be drawn from value set 2.16.840.1.113883.1.11.19313 <i>RoleClassAssociative</i> (DYN)		
└ h17:id	I.LEPSOS	0 ... *	R	
└ h17:code	CE.EPSOS	0 ... 1	R	
└ @codeSystem	CONF	0 ... 1	F	2.16.840.1.113883.5.111 (RoleCode)
└ h17:addr	AD	0 ... *	R	
└ h17:telecom	TEL	0 ... *	R	
└ h17:associatedPerson		0 ... 1	R	Contains 2.16.840.1.113883.3.1937.777.11.10.113 <i>CDA Person</i> (DYNAMIC)
└ h17:scopingOrganization		0 ... 1	R	Contains 2.16.840.1.113883.3.1937.777.11.10.111 <i>epSOS CDA Organization</i> (DYNAMIC)
Included		1 ... 1	R	from 2.16.840.1.113883.3.1937.777.11.10.106 <i>epSOS CDA documentationOf PCPR</i> (DYNAMIC)
└ h17:documentationOf		1 ... 1	R	
└ @typeCode	cs	1 ... 1	F	DOC
└ h17:serviceEvent		1 ... 1	R	
└ @classCode	cs	1 ... 1	F	PCPR
└ @moodCode	cs	1 ... 1	F	EVN
└ h17:id	I.LEPSOS	0 ... *	R	

Item	DT	Card	Conf	Description
└ h17:code	CE.EPSOS	0 ... 1	R	
Choice		1 ... 1		Elements to choose from: <ul style="list-style-type: none"> hl7:effectiveTime[hl7:high] hl7:effectiveTime[@nullFlavor or @value]
└ h17:effectiveTime	IVL_TS	... 1	R	
where [hl7:high]				
└ h17:low	TS	0 ... 1	R	
└ h17:high	TS	1 ... 1	R	
└ h17:effectiveTime	TS	... 1	R	
where [@nullFlavor or @value]				
└ h17:performer		0 ... *	R	represents the healthcare providers involved in the current or pertinent historical care of the patient. Preferably, the patient's key healthcare providers would be listed, particularly their primary physician and any active consulting physicians, therapists, and counselors
└ @typeCode	cs	1 ... 1	R	
	CONF	The value of @typeCode shall be drawn from value set 2.16.840.1.113883.1.11.19601 x_ServiceEventPerformer (DYNAMIC)		
└ h17:functionCode	CE.EPSOS	1 ... 1	R	
	CONF	The value of @code shall be drawn from value set 1.3.6.1.4.1.12559.11.10.1.3.1.42.1 epSOSHealthcareProfessionalRoles (DYNAMIC)		
└ h17:time	IVL_TS	0 ... 1	R	

Item	DT	Card	Conf	Description
└ h17:assignedEntity		1 ... 1	M	
└ h17:id	II.EPSOS	1 ... *	R	HP ID number
└ h17:code	CE.EPSOS	0 ... 1	R	HP Specialty
└ h17:addr	AD.EPSOS	1 ... *	R	
└ h17:telecom	TEL	1 ... *	R	<p>Performer's Telecom</p> <p>If there is no information, the nullFlavor attribute shall have a value of 'NI' and the "value" and "use" attributes shall be omitted, otherwise the nullFlavor attribute shall not be present, and the "value" and "use" attributes shall be present.</p> <p>Optionalities and Cardinalities of the following two items shall be interpreted according to this rule: e.g. is not expected to have two nullFlavored telecom elements.</p>
└ @use	set_cs	0 ... 1		
	CONF			The value of @use shall be drawn from value set 1.3.6.1.4.1.12559.11.10.1.3.1.42.40 epSOSTelecomAddress (DYNAMIC)
└ @nullFlavor	cs	0 ... 1	F	NI
	Example			<pre><telecom use="WP" value="tel:+45 20 7025 6161"/> <telecom use="HP" value="mailto:jsmith@myprovider.co.uk"/></pre>
└ h17:assignedPerson		0 ... 1		Contains 2.16.840.1.113883.3.1937.777.11.10.113 CDA Person (DYNAMIC)
└ h17:representedOrganization		0 ... 1		Contains 2.16.840.1.113883.3.1937.777.11.10.111 epSOS CDA Organization (DYNAMIC)
Included		1 ... 1	M	from 2.16.840.1.113883.3.1937.777.11.10.107 epSOS CDA relatedDocument (DYNAMIC)
└ h17:relatedDocument		1 ... 1	M	

Item	DT	Card	Conf	Description
└ @typeCode	cs	1 ... 1	R	
	CONF	The value of @typeCode shall be drawn from value set 2.16.840.1.113883.1.11.11610.x_ActRelationshipDocument		
└ h17:parentDocument		1 ... 1	R	
└ @classCode		0 ... 1	F	DOCCLIN
└ @moodCode		0 ... 1	F	EVN
└ h17:id	I1.EPSOS	1 ... *	R	
└ h17:code	CD.EPSOS	0 ... 1	R	
└ @codeSystem	CONF	0 ... 1	F	2.16.840.1.113883.6.1 (LOINC)
└ h17:text	ED	0 ... 1	R	
└ h17:setId	I1.EPSOS	0 ... 1	R	
└ h17:versionNumber	INT	0 ... 1	R	
└ h17:component		1 ... 1	M	
└ h17:structuredBody		1 ... 1	M	<ul style="list-style-type: none"> SHALL contain exactly one [1..1] Medication Summary Section (templateId: 1.3.6.1.4.1.12559.11.10.1.3.1.2.3). SHALL contain exactly one [1..1] Allergies and Other Adverse Reactions Section (templateId: 1.3.6.1.4.1.19376.1.5.3.1.3.13). MAY contain zero or one [0..1] Active Problems Section (templateId:


Item	DT	Card	Conf	Description
				1.3.6.1.4.1.19376.1.5.3.1.3.6). <ul style="list-style-type: none"> ▪ MAY contain zero or one [0..1] Immunizations Section (templateId: 1.3.6.1.4.1.19376.1.5.3.1.3.23). ▪ MAY contain zero or one [0..1] Coded Social History Section (templateId: 1.3.6.1.4.1.19376.1.5.3.1.3.16.1). ▪ MAY contain zero or one [0..1] Pregnancy History Section (templateId: 1.3.6.1.4.1.19376.1.5.3.1.1.5.3.4). ▪ MAY contain zero or one [0..1] Coded Vital Signs Section (templateId: 1.3.6.1.4.1.19376.1.5.3.1.1.5.3.2).
└ @classCode	cs	0 ... 1	F	DOCBODY
└ hl7:component		1 ... 1	R	Contains 1.3.6.1.4.1.12559.11.10.1.3.1.2.3 <i>Section Medication Summary</i> (DYNAMIC)
				where [hl7:section [hl7:templateId [@root = '1.3.6.1.4.1.12559.11.10.1.3.1.2.3']] and hl7:templateId [@root = '2.16.840.1.113883.10.20.1.8']]
└ hl7:component		1 ... 1	R	Contains 1.3.6.1.4.1.19376.1.5.3.1.3.13 <i>Section Allergies and Other Adverse Reactions</i> (DYNAMIC)
				where [hl7:section [hl7:templateId [@root = '2.16.840.1.113883.10.20.1.2']] and hl7:templateId [@root = '1.3.6.1.4.1.19376.1.5.3.1.3.13']]
└ hl7:component		1 ... 1	R	Contains 1.3.6.1.4.1.19376.1.5.3.1.3.6 <i>Section Active Problems</i> (DYNAMIC)
				where [hl7:section [hl7:templateId [@root = '1.3.6.1.4.1.19376.1.5.3.1.3.6']] and hl7:templateId [@root = '2.16.840.1.113883.10.20.1.11']]
└ hl7:component		1 ... 1	R	Contains 1.3.6.1.4.1.19376.1.5.3.1.3.23 <i>Section Immunizations</i> (DYNAMIC)
				where [hl7:section [hl7:templateId [@root = '1.3.6.1.4.1.19376.1.5.3.1.3.23']] and hl7:templateId [@root = '2.16.840.1.113883.10.20.1.6']]
└ hl7:component		1 ... 1	R	Contains 1.3.6.1.4.1.19376.1.5.3.1.3.16.1 <i>Section Coded Social History</i> (DYNAMIC)
				where [hl7:section [hl7:templateId [@root = '1.3.6.1.4.1.19376.1.5.3.1.3.16.1']] and hl7:templateId [@root = '1.3.6.1.4.1.19376.1.5.3.1.3.16']] and hl7:templateId [@root =

Item	DT	Card	Conf	Description
'2.16.840.1.113883.10.20.1.15']]]				
└ h17:component		1 ... 1	R	Contains 1.3.6.1.4.1.19376.1.5.3.1.1.5.3.4 Section Pregnancy History (DYNAMIC)
where [hl7:section [hl7:templateId [@root = '1.3.6.1.4.1.19376.1.5.3.1.1.5.3.4']]]				
└ h17:component		1 ... 1	R	Contains 1.3.6.1.4.1.19376.1.5.3.1.1.5.3.2 Section Coded Vital Signs (DYNAMIC)
where [hl7:section [hl7:templateId [@root = '1.3.6.1.4.1.19376.1.5.3.1.1.5.3.2'] and hl7:templateId [@root = '1.3.6.1.4.1.19376.1.5.3.1.3.25']]]				

7.1.7 epSOS-Patient Summary 1.3.6.1.4.1.12559.11.10.1.3.1.1.3 - 2013-12-20

Direction	Underlying Model	Template name	Schematron
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 back ClinicalDocument PatientSummary epsos-PatientSummary.sch

Id	1.3.6.1.4.1.12559.11.10.1.3.1.1.3	Effective Date	2013-12-20
Status	 Active	Version Label	
Name	epSOS-PS	Display Name	epSOS-Patient Summary
Description			

Note for the readers

This template version represents the best representation of the original epSOS/EXPAND specifications in ART DECOR. However the original epSOS/EXPAND specifications in Microsoft Word took the original IHE Templates and added constraints in written language. This actually is not best practice in electronic Template Design because the additional constraints are not assigned to the original IHE template but rather than that are text only constraints. In order to make everything computable new Template OIDs need to be assigned to the epSOS Templates in order to cover both, the original IHE Template Design and the additional constraints from epSOS in the text and represent them electronically.

Caveat: for the above mentioned reasons this version cannot be used for (automatic) testing/validation purposes. It shall be used however as basis for refinement (repository)

Note: there is a new version planned that covers all above and makes proper testing/validation possible

epSOS Patient Summary Template

The implementers must be familiar with the context of the project, as it shall not be repeated in this document. The implementers must also be familiar with the content of the following documents:

- CDA Release 2.0 Normative Web Edition, May, 2005
- HL7 Implementation Guide: CDA Release 2 – Continuity of Care Document (CCD), HL7, April 1, 2007.
- Integrating the Healthcare Enterprise, Patient Care Coordination Technical Framework, Volume 1 and Volume 2- Revision 10, IHE International, November 4, 2014.
- Integrating the Healthcare Enterprise, Patient Care Coordination CDA Content Modules- Trial Implementation Supplement, December 3, 2014.
- HL7 Implementation Guide for CDA Release 2: History and Physical (H&P) Notes, HL7, July 16, 2008.

It must also be noted that although the guidelines are based on the above documents, they contain specific developments particular to the project epSOS. This document can be used as a standalone to develop the syntax of the epSOS documents; however in order to achieve the full functionality of the epSOS Semantic Services, they are to be used within the context of the deliverable 3.9.1.

Prescribed and dispensed medications, including a specification of the Medication Summary section used in the Patient Summary document, have described in the previous chapter. The following subparagraphs specify how other sections that may be present in a Patient Summary are implemented.

According to requirements described in the Body Data Elements, the following sections - at least - shall be present in a Patient Summary document:

The Medication Summary Section 1.3.6.1.4.1.12559.11.10.1.3.1.2.3

















The Allergies and Other Adverse Reactions Section 1.3.6.1.4.1.19376.1.5.3.1.3.13

The Coded List of Surgeries Section 1.3.6.1.4.1.19376.1.5.3.1.3.12

The Active Problems Section 1.3.6.1.4.1.19376.1.5.3.1.3.6

The Medical Devices Coded Section 1.3.6.1.4.1.12559.11.10.1.3.1.2.4

Appropriated codes and/or nullFlavor values will be used in these sections to express for example that coded information is not available, either that an entry is not applicable or that information is not known, See the related paragraph for further details.

Context	Pathname /			
Classification	CDA Document Level Template			
Open/Closed	Open (other than defined elements are allowed)			
Associated with	Associated with 5 concepts			
	Id	Name	Data Set	
	epsos-dataelement-16	 Clinical Data	 epSOS Data Set	
	epsos-dataelement-298	 Language	 epSOS Data Set	
	epsos-dataelement-65	 Date Created	 epSOS Data Set	
	epsos-dataelement-297	 Confidentiality	 epSOS Data Set	
epsos-dataelement-296	 Type	 epSOS Data Set		
Used by / Uses	Used by 1 transaction and 0 templates, Uses 22 templates			
	Used by	as	Name	Version
	epsos-transactions-12	Transaction	 Return PS of country A	2012-05-02
	Uses	as	Name	Version
	2.16.840.1.113883.3.1937.777.11.10.110	Include	 epSOS CDA Id	DYNAMIC
	2.16.840.1.113883.3.1937.777.11.10.108	Include	 epSOS CDA setId	DYNAMIC
2.16.840.1.113883.3.1937.777.11.10.100	Include	 epSOS CDA recordTarget	DYNAMIC	
2.16.840.1.113883.3.1937.777.11.10.102	Include	 epSOS CDA author	DYNAMIC	
2.16.840.1.113883.3.1937.777.11.10.104	Include	 epSOS CDA custodian	DYNAMIC	

2.16.840.1.113883.3.1937.777.11.10.109	Include	 epSOS CDA legalAuthenticator	DYNAMIC
2.16.840.1.113883.3.1937.777.11.10.101	Include	 epSOS CDA Contact/Preferred HP/Legal Organization	DYNAMIC
2.16.840.1.113883.3.1937.777.11.10.106	Include	 epSOS CDA documentationOf PCPR	DYNAMIC
2.16.840.1.113883.3.1937.777.11.10.107	Include	 epSOS CDA relatedDocument	DYNAMIC
1.3.6.1.4.1.12559.11.10.1.3.1.2.3	Containment	 Section Medication Summary	DYNAMIC
1.3.6.1.4.1.19376.1.5.3.1.3.13	Containment	 Section Allergies and Other Adverse Reactions	DYNAMIC
1.3.6.1.4.1.19376.1.5.3.1.3.23	Containment	 Section Immunizations	DYNAMIC
1.3.6.1.4.1.19376.1.5.3.1.3.8	Containment	 Section History of Past Illness	DYNAMIC
1.3.6.1.4.1.19376.1.5.3.1.3.12	Containment	 Section Coded List of Surgeries	DYNAMIC
1.3.6.1.4.1.19376.1.5.3.1.3.6	Containment	 Section Active Problems	DYNAMIC
1.3.6.1.4.1.12559.11.10.1.3.1.2.4	Containment	 Section Medical Devices Coded	DYNAMIC
1.3.6.1.4.1.19376.1.5.3.1.1.9.50	Containment	 Section Health Maintenance Care Plan	DYNAMIC
1.3.6.1.4.1.19376.1.5.3.1.3.17	Containment	 Section Functional Status	DYNAMIC
1.3.6.1.4.1.19376.1.5.3.1.3.16.1	Containment	 Section Coded Social History	DYNAMIC
1.3.6.1.4.1.19376.1.5.3.1.1.5.3.4	Containment	 Section Pregnancy History	DYNAMIC
1.3.6.1.4.1.19376.1.5.3.1.1.5.3.2	Containment	 Section Coded Vital Signs	DYNAMIC
1.3.6.1.4.1.12559.11.10.1.3.1.2.5	Containment	 Section Coded Results	DYNAMIC

Relationship

Specialization: template 2.16.840.1.113883.10.12.1 (2005-09-07)

There are open issues with this item:







- epsos-issue-160: *Cardinality Contact/Preferred HP/Legal Organization* (In Progress)
- epsos-issue-164: *realmCode* (Open)
- epsos-issue-225: *custodian org, see epsos-issue-219* (Open)
















Item	DT	Card	Conf	Description	Label
h17:ClinicalDocument			R	CDA header	(epS...-PS)
└ h17:realmCode	CS	0 ... 1	R		(epS...-PS)
└ h17:typeId	I.IEPSOS	1 ... 1	M	The clinical document typeId identifies the constraints imposed by CDA R2 on the content, essentially acting as a version identifier. The @root and @extension values of this element are specified as shown in the <i>example</i> below.	(epS...-PS)
└ @root	uid	1 ... 1	F	2.16.840.1.113883.1.3	
└ @extension	st	1 ... 1	F	POCD_HD000040	
Example				<code><typeId extension="POCD_HD000040" root="2.16.840.1.113883.1.3"/></code>	
└ h17:templateId	I.IEPSOS	1 ... 1	M	Template ID for epSOS Patient Summary document	(epS...-PS)
└ @root	uid	1 ... 1	F	1.3.6.1.4.1.12559.11.10.1.3.1.1.3	
Example				<code><templateId root="1.3.6.1.4.1.12559.11.10.1.3.1.1.3"/></code>	
Included		1 ... 1	M	from 2.16.840.1.113883.3.1937.777.11.10.110 <i>epSOS CDA Id</i> (DYNAMIC)	
└ h17:id		1 ... 1	M	The ClinicalDocument/id element is an instance identifier data type. The root attribute is an OID. If there is a value in @extension, then the root uniquely identifies the scope of the extension. If there is no value in @extension then @root SHALL uniquely identify the document UUIDs SHALL be represented in the form XXXXXXXX-XXXX-XXXX-XXXX-XXXXXXXXXXXX, where each X is a character from the set [A-Fa-f0-9]. OIDs SHALL be represented in dotted decimal notation, where each decimal number is either 0, or starts with a nonzero digit. More formally, an OID SHALL be in the form ([0-2])(.[1-9][0-9]* 0)+.	R1.11.3

Item	DT	Card	Conf	Description	Label
	🎯 epsos-dataelement-176		🟡	Identification	🟡 epSOS Data Set
	Example	<id extension="a621" root="2.16.840.1.113883.3.1937.777.11.9999"/>			
└ h17:code	CV.EPSOS	1 ... 1	M	Determines the document type "epSOS Patient Summary Document"	R1.11.6
	🎯 epsos-dataelement-296		🟡	Type	🟡 epSOS Data Set
└ @displayName		1 ... 1	R		
└ @code		1 ... 1	F	60591-5	
└ @codeSystem	CONF	1 ... 1	F	2.16.840.1.113883.6.1 (LOINC)	
	Example	<code code="60591-5" codeSystem="2.16.840.1.113883.6.1" codeSystemName="LOINC" displayName="Patient summary Document"/>			
└ h17:title	ST	1 ... 1	M	ClinicalDocument/title is used for display purposes.	R1.11.7
	Example	<title>epSOS Patient Summary Maria Bakker November 13, 2011</title>			
└ h17:effectiveTime	TS.EPSOS.TZ	1 ... 1	M	<p>Relevant times for the Patient Summary</p> <p>By definition, a Patient Summary document describes the Patient Summary at the time of creation of the document, represented by the /ClinicalDocument/effectiveTime XML Element.</p> <p>The time when this instance of the document has been authored may be instead recorded by the /ClinicalDocument/author/time element. (e.g. when a “spider” has collected information for generating this instance of the document; or a practitioner updated its local summary document).</p>	R1.11.1

Item	DT	Card	Conf	Description	Label
				Finally, the latest summary update, intended as the last date documented by this summary (e.g. the last update occurred to the PHR from which the PS data has been extracted) can be represented by the <code>/ClinicalDocument/documentationOf/serviceEvent/effectiveTime/high</code> XML Element (see section 2.1, CONF-2, CONF-3 and CONF-4 of the CCD specification).	
<div style="display: flex; justify-content: space-between; align-items: center;"> epsos-dataelement-65 Date Created epSOS Data Set </div>					
Example		<code><effectiveTime value="20111113125600+0200"/></code>			
<code>h17:confidentialityCode</code>	CE.EPSOS	1 ... 1	R	ClinicalDocument/confidentialityCode shall be present in accordance with the HL7 CDA R2 standard.	R1.11.8
<div style="display: flex; justify-content: space-between; align-items: center;"> epsos-dataelement-297 Confidentiality epSOS Data Set </div>					
CONF		The value of @code shall be drawn from value set 1.3.6.1.4.1.12559.11.10.1.3.1.42.31 <i>epSOSConfidentiality</i> (DYNAMIC)			
Example		<code><confidentialityCode code="N" codeSystem="2.16.840.1.113883.5.25"/></code>			
<code>h17:languageCode</code>	CS	1 ... 1	M	Document Language Code <ul style="list-style-type: none"> The language code SHALL be in the form nn-CC. The nn portion SHALL be an ISO-639-1 language code in lower case derived by the Value Set epSOSLanguage. The CC portion SHALL be an ISO-3166 country code in upper case derived by the value Set epSOSCountry 	R.11.10
<div style="display: flex; justify-content: space-between; align-items: center;"> epsos-dataelement-298 Language epSOS Data Set </div>					
Example		<code><languageCode code="en-GB"/></code>			
Schematron assert		role	error		
		test	matches(@code, '[a-z]{2}-[A-Z]{2}')		
		Message	The language code SHALL be in the form nn-CC where nn is ISO-639-1 epSOSLanguage and CC is ISO-3166 epSOSCountry		
Included		0 ... 1		from 2.16.840.1.113883.3.1937.777.11.10.108 <i>epSOS CDA setId</i> (DYNAMIC)	

Item	DT	Card	Conf	Description	Label
└ h17:setId		0 ... 1	R	This attribute “represents an identifier that is common across all document revisions”. In the case of the NCP transcoding /translation this is the ID that remains unchanged among all the existing transformations. Implementers are recommended to use this attribute.	(epS ... -PS)
└ h17:versionNumber		0 ... 1	R		(epS ... -PS)
Included		1 ... 1	M	from 2.16.840.1.113883.3.1937.777.11.10.100 epSOS CDA recordTarget (DYNAMIC)	
└ h17:recordTarget		1 ... 1	M		(epS ... -PS)
				 epsos-dataelement-5  Patient Data  epSOS Data Set	
└ @typeCode	cs	0 ... 1	F	RCT	
└ @contextControlCode	cs	0 ... 1	F	OP	
└ h17:patientRole		1 ... 1	M		(epS ... -PS)
				 epsos-dataelement-26  Contact Information  epSOS Data Set	
└ @classCode	cs	0 ... 1	F	PAT	
└ h17:id	II.EPSOS	1 ... *	R	Patient Identifiers: Primary Patient Identifier (Regional/National Health Id), Secondary Patient Identifier (Social/Insurance Number)	R1.4 / R1.4.1 / R1.4.2
				 epsos-dataelement-235  Other Identifier  epSOS Data Set  epsos-dataelement-7  National Health Care patient ID (country of  epSOS Data Set	

Item	DT	Card	Conf	Description	Label
	epsos-dataelement-234			affiliation) National Health Care patient ID (country of treatment)	epSOS Data Set
	epsos-dataelement-6			Identification	epSOS Data Set
└ h17:addr	AD.EPSOS	1 ... 1	R	The patient address element is required. If there is no information, the nullFlavor attribute shall have a value of 'NI' and no address parts shall be present, otherwise there shall be no nullFlavor attribute, and at least one of the address parts listed below shall be present.	R1.5
	⊙ epsos-dataelement-27			Address	epSOS Data Set
└ @nullFlavor	cs	0 ... 1	F	NI	
└ h17:streetAddressLine		0 ... *	R	Patient's Number of Street/Patient's Number of Street	R1.5.1 / R1.5.2
	⊙ epsos-dataelement-51			Street	epSOS Data Set
	epsos-dataelement-52			Number of Street	epSOS Data Set
└ h17:city		0 ... 1	R	Patient's City	R1.5.3
	⊙ epsos-dataelement-55			City	epSOS Data Set
└ h17:postalCode		0 ... 1	R	Patient's Postal Code	R1.5.4
	⊙ epsos-dataelement-53			Postal Code	epSOS Data Set
└ h17:state		0 ... 1	R	Patient's State or Province	R1.5.5
	⊙ epsos-dataelement-56			State or Province	epSOS Data Set











Item	DT	Card	Conf	Description	Label
└ h17:country		0 ... 1	R	Patient's Country. When used addr.country it is always bound to the epSOSCountry value set	R1.5.6
	 epsos-dataelement-54  Country  epSOS Data Set				
	CONF The value of @code shall be drawn from value set 1.3.6.1.4.1.12559.11.10.1.3.1.42.4 epSOSCountry (DYNAMIC)				
└ h17:telecom	TEL	1 ... *	R	Patient's telephone number / Patient e-mail address. The patient telephone or e-mail element is required. If there is no information, the nullFlavor attribute shall have a value of 'NI' and the "value" and "use" attributes shall be omitted, otherwise the nullFlavor attribute shall not be present, and the "value" and "use" attributes shall be present. Optionalities and Cardinalities of the following two items shall be interpreted according to this rule: e.g. is not expected to have two nullFlavored telecom elements.	R1.6.1 / R1.6.2
	 epsos-dataelement-28  Telephone No  epSOS Data Set  epsos-dataelement-300  Telecom  epSOS Data Set  epsos-dataelement-29  Email  epSOS Data Set				
└ @use	set_cs	0 ... 1			
	CONF The value of @use shall be drawn from value set 1.3.6.1.4.1.12559.11.10.1.3.1.42.4 epSOSTelecomAddress (DYNAMIC)				
└ @nullFlavor	cs	0 ... 1	F	NI	
└ h17:patient		1 ... 1	M		(epS... -PS)
	 epsos-dataelement-8  Personal Information  epSOS Data Set				
└ @classCode	cs	0 ... 1	F	PSN	





Item	DT	Card	Conf	Description	Label
└ @determinerCode	cs	0 ... 1	F	INSTANCE	
└ h17:name	PN	1 ... *	R	Patient Name	R1.1
	🎯 epsos-dataelement-9		🟡 Full Name	🟡 epSOS Data Set	
└ h17:family		1 ... *	M	Patient's Family Name/Surname	R1.1.1
	🎯 epsos-dataelement-13		🟡 Family Name/Surname	🟡 epSOS Data Set	
└ h17:prefix		0 ... *	R	Patient's Prefix	R1.1.2
	🎯 epsos-dataelement-263		🟡 Prefix	🟡 epSOS Data Set	
	Constraint	If the attribute qualifier is used for this element it should be derived from epSOSEntityNamePartQualifier 2.16.840.1.113883.5.43			
└ h17:given		1 ... *	M	Patient's Given Name	R1.1.3
	🎯 epsos-dataelement-12		🟡 Given name	🟡 epSOS Data Set	
└ h17:administrativeGenderCode	CE.EPSOS	1 ... 1	R	Patient's Gender	R1.2
	🎯 epsos-dataelement-11		🟡 Gender	🟡 epSOS Data Set	
└ @nullFlavor	cs	0 ... 1	F	UNK	
	CONF	The value of @code shall be drawn from value set 1.3.6.1.4.1.12559.11.10.1.3.1.42.34 epSOSAdministrativeGender (DYNAMIC)			
└ h17:birthTime	TS	1 ... 1	M	Patient's Date of Birth. The patient date of birth may be a partial date such as only the year.	R1.3

Item	DT	Card	Conf	Description	Label
 epsos-dataelement-10  Date of Birth  epSOS Data Set					
L h17:guardian		0 ... *	R	<p>The guardians of a patient shall be recorded in the <guardian> element beneath the /ClinicalDocument/recordTarget/patientRole/patient XML - <patient> element. Other patient contacts are described using the /ClinicalDocument/participant structure. The <associatedEntity> element defines the type of contact.</p> <p>The relationship between the patient and the guardian or other contact should be recorded in the <code> element. The code attribute is required and comes from the HL7 PersonalRelationshipRoleType vocabulary (epSOSPersonalRelationship value set).</p> <p>The address of the guardian or other contact should be present, and shall be represented, as any other address would be in CDA.</p> <p>The phone number of the guardian or other contact should be present, and shall be represented, as any other phone number would be in CDA.</p> <p>The name of the guardian or other contact shall be present, and shall be represented, as any other name would be in CDA.</p>	R1.7.A
L @classCode	cs	1 ... 1	F	GUARD	
L @nullFlavor	cs	0 ... 1		Use nullFlavor if unknown or if no information is applicable	
Example				<pre> <guardian classCode="GUARD"> <templateId root="1.3.6.1.4.1.19376.1.5.3.1.2.4"/> <addr> <streetAddressLine>2222 Home Street</streetAddressLine> <city>London</city> <state>London</state> <postalCode>A1B 2C3</postalCode> <country>UK</country> </addr> <telecom value="tel:+452070256161"/> <telecom value="mailto:jsmith@myprovider.co.uk"/> </pre>	

Item	DT	Card	Conf	Description	Label
				<pre> <guardianPerson> <name> <given>John</given> <family>Español Smith</family> </name> </guardianPerson> </guardian> </pre>	
└ h17:templateId	I.I.EPSOS	1 ... 1	M	Template id for IHE PCC Patient Contacts	R1.7.A
└ @root	uid	1 ... 1	F	1.3.6.1.4.1.19376.1.5.3.1.2.4	
└ h17:addr	AD.EPSOS	1 ... 1	R	The guardian's address element is required. If there is no information, the nullFlavor attribute shall have a value of 'NI' and no address parts shall be present, otherwise there shall be no nullFlavor attribute, and at least one of the address parts listed below shall be present	R1.7.A
└ @nullFlavor	cs	0 ... 1	F	NI	
└ h17:streetAddressLine		0 ... *	R	Guardian's Number of Street/Guardian's Number of Street	R1.7... .3.2
└ h17:city		0 ... 1	R	Guardian's City	R1.7... .3.3
└ h17:postalCode		0 ... 1	R	Guardian's Postal Code	R1.7... .3.4
└ h17:state		0 ... 1	R	Guardian's State or Province	R1.7... .3.5
└ h17:country		0 ... 1	R	Guardian's Country. When used addr.country it is always bound to the epSOSCountry value set	R1.7... .3.6
	CONF			The value of @code shall be drawn from value set 1.3.6.1.4.1.12559.11.10.1.3.1.42.4 epSOSCountry (DYNAMIC)	
└ h17:telecom	TEL	1 ... *	R	Guardian's telephone number / Patient e-mail address. The guardian telephone or e-mail element is required. If there is no information, the nullFlavor attribute shall	R1.7... .4.2

Item	DT	Card	Conf	Description	Label
				have a value of 'NI' and the "value" and "use" attributes shall be omitted, otherwise the nullFlavor attribute shall not be present, and the "value" and "use" attributes shall be present. Optionalities and Cardinalities of the following two items shall be interpreted according to this rule: e.g. is not expected to have two nullFlavored telecom elements.	
	⊙ epsos-dataelement-39		● Telephone No		● epSOS Data Set
└ @use	set_cs	0 ... 1			
	CONF			The value of @use shall be drawn from value set 1.3.6.1.4.1.12559.11.10.1.3.1.42.40 epSOSTelecomAddress (DYNAMIC)	
└ @nullFlavor	cs	0 ... 1	F	NI	
└ h17:guardianPerson		1 ... 1	R		R1.7.A
	⊙ epsos-dataelement-34		● Contact Person/legal guardian		● epSOS Data Set
└ h17:name	PN	1 ... *	R	Patient Guardian's Name	IHE PCC
	⊙ epsos-dataelement-36		● Full Name		● epSOS Data Set
Choice		2 ... *		Elements to choose from: <ul style="list-style-type: none"> ▪ h17:family ▪ h17:given 	
└ h17:family		1 ... *	R	Patient Guardian's Family Name/Surname	R1.7.A.1
	⊙ epsos-dataelement-38		● Family Name/Surname		● epSOS Data Set
└ h17:given		1 ... *	R	Patient Guardian's Given Name	R1.7.A.2

Item	DT	Card	Conf	Description	Label
<div style="background-color: #e0ffe0; padding: 5px;">  epsos-dataelement-37  Given Name  epSOS Data Set </div>					
└ h17:languageCommunication		0 ... *	R	This element is derived from the IHE template LanguageCommunication (1.3.6.1.4.1.19376.1.5.3.1.2.1), however this template does not need the element preferenceInd because the language is already said to be the "preferred language".	(epS ... -PS)
└ h17:languageCode	CS	1 ... 1	R	Patient's preferred language <ul style="list-style-type: none"> ▪ The language code SHALL be in the form nn-CC. ▪ The nn portion SHALL be an ISO-639-1 language code in lower case derived by the Value Set epSOSLanguage. ▪ The CC portion SHALL be an ISO-3166 country code in upper case derived by the value Set epSOSCountry 	R1.7
Example		<languageCode code="en-GB"/>			
Schematron assert		role	 error		
		test	matches(@code,'[a-z]{2}-[A-Z]{2}')		
		Message	The language code SHALL be in the form nn-CC where nn is ISO-639-1 epSOSLanguage and CC is ISO-3166 epSOSCountry		
Included		1 ... *	R	from 2.16.840.1.113883.3.1937.777.11.10.102 epSOS CDA author (DYNAMIC)	
└ h17:author		1 ... *	R		(epS ... -PS)
<div style="background-color: #e0ffe0; padding: 5px;">  epsos-dataelement-67  Author  epSOS Data Set </div>					
└ @typeCode	cs	0 ... 1	F	AUT	
└ @contextControlCode	cs	0 ... 1	F	OP	
└ h17:functionCode	CE.EPSOS	0 ... 1	R		R1.10.6
<div style="background-color: #e0ffe0; padding: 5px;">  epsos-dataelement-180  Author Role  epSOS Data Set </div>					








Item	DT	Card	Conf	Description	Label
	CONF			The value of @code shall be drawn from value set 1.3.6.1.4.1.12559.11.10.1.3.1.42.1 <i>epSOSHealthcareProfessionalRoles</i> (DYNAMIC)	
└ h17:time	TS.EPSOS.TZ	1 ... 1	R	The author/time element represents the start time of the author's participation in the creation of the clinical document. The author/time element SHALL be present.	(epS --- -PS)
└ h17:assignedAuthor		1 ... 1	R		(epS --- -PS)
└ @classCode	cs	0 ... 1	F	ASSIGNED	
	Schematron assert	role	 error		
		test	@nullFlavor or hl7:assignedPerson or hl7:assignedAuthoringDevice		
		Message	If assignedAuthor has an associated representedOrganization with no assignedPerson or assignedAuthoringDevice, then the value for "ClinicalDocument/author/assignedAuthor/id/@nullFlavor" SHALL be "NA" "Not applicable" 2.16.840.1.113883.5.1008 NullFlavor STATIC.		
└ h17:id	I1.EPSOS	1 ... *	R	HP ID number	R1.10.5
	 epsos-dataelement-22		 Author Identification	 epSOS Data Set	
└ @nullFlavor	cs	0 ... 1	F	NA	
└ h17:code	CE.EPSOS	0 ... 1	R	HP Specialty	R1.10.7
└ h17:addr	AD.EPSOS	1 ... *	R		IHE PCC
└ h17:telecom	TELE.EPSOS	1 ... *	R	Attribute @value SHALL contain a URI if element telecom is used. The URI scheme SHALL be one of URLScheme	IHE PCC / R1.10.8 / R1.10.8.1 / R1.10.8.2
└ @use	set_cs	0 ... 1			





Item	DT	Card	Conf	Description	Label
	CONF			The value of @use shall be drawn from value set 1.3.6.1.4.1.12559.11.10.1.3.1.42.40 <i>epSOSTelecomAddress</i> (DYNAMIC)	
<i>Choice</i>		0 ... 1		Elements to choose from: <ul style="list-style-type: none"> ▪ h17:assignedPerson ▪ h17:assignedAuthoringDevice containing template 2.16.840.1.113883.3.1937.777.11.10.129 <i>CDA Device</i> (DYNAMIC) 	
└ h17:assignedPerson			R		(epS... -PS)
└ @classCode	cs	0 ... 1	F	PSN	
└ @determinerCode	cs	0 ... 1	F	INSTANCE	
└ h17:name	PN	1 ... 1	R	HP Name	IHE PCC
	<div style="display: flex; justify-content: space-between; align-items: center;"> epsos-dataelement-19 Author Full Name epSOS Data Set </div>				
Example	<pre><name> <given>John</given> <family>Español Smith</family> </name></pre>				
└ h17:family		1 ... *	M	HP Family Name/Surname	R1.10.1
	<div style="display: flex; justify-content: space-between; align-items: center;"> epsos-dataelement-21 Family Name/Surname epSOS Data Set </div>				
└ h17:given		1 ... *	M	HP Given Name	R1.10.2
	<div style="display: flex; justify-content: space-between; align-items: center;"> epsos-dataelement-20 Given Name epSOS Data Set </div>				
└ h17:prefix		0 ... *	R	HP Prefix	R1.10.3

Item	DT	Card	Conf	Description	Label
	🎯 epsos-dataelement-273		🟡	Prefix	🟡 epSOS Data Set
└ h17:suffix		0 ... *	R	HP Suffix	R1.10.4
	🎯 epsos-dataelement-274		🟡	Suffix	🟡 epSOS Data Set
└ h17:assignedAuthoringDevice			R	Contains 2.16.840.1.113883.3.1937.777.11.10.129 CDA Device (DYNAMIC)	(epS...-PS)
└ h17:representedOrganization		1 ... 1	R	Contains 2.16.840.1.113883.3.1937.777.11.10.111 epSOS CDA Organization (DYNAMIC)	R1.10.9
	🎯 epsos-dataelement-23		🟡	Author Healthcare Facility	🟡 epSOS Data Set
Included		1 ... 1	M	from 2.16.840.1.113883.3.1937.777.11.10.104 epSOS CDA custodian (DYNAMIC)	
└ h17:custodian		1 ... 1	M		(epS...-PS)
└ @typeCode		0 ... 1	F	CST	
└ h17:assignedCustodian		1 ... 1	R		(epS...-PS)
└ @classCode		0 ... 1	F	ASSIGNED	
└ h17:representedCustodianOrganization		1 ... 1	R	Contains 2.16.840.1.113883.3.1937.777.11.10.111 epSOS CDA Organization (DYNAMIC)	R1.10.9
└ @classCode		0 ... 1	F	ORG	
└ @determinerCode		0 ... 1	F	INSTANCE	
Included		1 ... 1	M	from 2.16.840.1.113883.3.1937.777.11.10.109 epSOS CDA legalAuthenticator (DYNAMIC)	

Item	DT	Card	Conf	Description	Label
└ h17:legalAuthenticator		1 ... 1	M	The person taking responsibility for the medical content of the document. In Spain this is the regional authority in healthcare. This regional authority healthcare organization will send this to the NCP. The definition of the legal authenticator may vary according to the rules set up in the framework agreement particular to each state. It may be a person or a regional authority, or an NCP.	R1.11.9
└ h17:time	TS.EPSOS.TZ	1 ... 1	M	Time of signing the document	R1.11.9
└ h17:signatureCode	CS	1 ... 1	R	Signature code	R1.11.9
└ @code	CONF	0 ... 1	F	S	
└ h17:assignedEntity		1 ... 1	M	The regional authority that is responsible for the legal authentication of the CDA document	R1.11.9
└ h17:id		1 ... 1	M	Unique identification of legal authenticator	R1.11.9
└ h17:addr	AD.EPSOS	1 ... *	R		IHE PCC
└ h17:telecom	TEL	1 ... *	R	<p>Legal Authenticator's Telecom</p> <p>If there is no information, the nullFlavor attribute shall have a value of 'NI' and the "value" and "use" attributes shall be omitted, otherwise the nullFlavor attribute shall not be present, and the "value" and "use" attributes shall be present.</p> <p>Optionalities and Cardinalities of the following two items shall be interpreted according to this rule: e.g. is not expected to have two nullFlavored telecom elements.</p>	R1.10.9.4 / R1.10.9.4.1 / R1.10.9.4.2
└ @use	set_cs	0 ... 1			
	CONF			The value of @use shall be drawn from value set 1.3.6.1.4.1.12559.11.10.1.3.1.42.40 epSOSTelecomAddress (DYNAMIC)	

Item	DT	Card	Conf	Description	Label
└ @nullFlavor	cs	0 ... 1	F	NI	
	Example	<pre><telecom use="WP" value="tel:+45 20 7025 6161"/> <telecom use="HP" value="mailto:jsmith@myprovider.co.uk"/></pre>			
└ h17:assignedPerson		1 ... 1	R		IHE PCC
└ @classCode	cs	0 ... 1	F	PSN	
└ @determinerCode	cs	0 ... 1	F	INSTANCE	
└ h17:name	PN	1 ... 1	R	HP Name	IHE PCC
	Example	<pre><name> <given>John</given> <family>Español Smith</family> </name></pre>			
└ h17:family		1 ... *	M	HP Family Name/Surname	R1.10.1
└ h17:given		1 ... *	M	HP Given Name	R1.10.2
└ h17:prefix		0 ... *	R	HP Prefix	R1.10.3
└ h17:suffix		0 ... *	R	HP Suffix	R1.10.4
└ h17:representedOrganization		1 ... 1	M	Contains 2.16.840.1.113883.3.1937.777.11.10.111 <i>epSOS CDA Organization</i> (DYNAMIC)	R1.11.9
where [not(@nullFlavor)]					
Included		1 ... *	R	from 2.16.840.1.113883.3.1937.777.11.10.101 <i>epSOS CDA Contact/Preferred HP/Legal Organization</i> (DYNAMIC)	

Item	DT	Card	Conf	Description	Label
└ h17:participant		1 ... *	R	Contact person / Preferred Health Professional to contact about patient.	(epS ... -PS)
where [hl7:templateId/@root='1.3.6.1.4.1.19376.1.5.3.1.2.4']					
				 epsos-dataelement-31  Legal Organization to contact  epSOS Data Set epsos-dataelement-34  Contact Person/legal guardian  epSOS Data Set epsos-dataelement-30  Preferred HP to contact  epSOS Data Set	
└ @typeCode	cs	1 ... 1	F	IND Participant typeCode	R1.8.5
└ h17:templateId		1 ... 1	M		(epS ... -PS)
└ @root	uid	1 ... 1	F	1.3.6.1.4.1.19376.1.5.3.1.2.4	
└ h17:functionCode		0 ... 1	C		(epS ... -PS)
				Constraint: The element is mandatory when this participant is the preferred HP	
└ @code		0 ... 1	F	PCP	
└ @codeSystem		0 ... 1	F	2.16.840.1.113883.5.88 (HL7 ParticipationFunction)	
└ h17:time	IVL_TS.EPSOS.TZ.OPT	0 ... 1	R	The element may be present and indicates the time of the participation.	(epS ... -PS)
└ h17:associatedEntity			R	The element identifies the type of contact. The classCode attribute shall be present, and contains a value from the epSOSRoleClass value set when used for the patient contacts; 'PRS' when used for "Preferred HP / Legal Organization".	(epS ... -PS)
└ @classCode	cs	1 ... 1	R		R1.8.6

Item	DT	Card	Conf	Description	Label
	CONF			The value of @classCode shall be drawn from value set 1.3.6.1.4.1.12559.11.10.1.3.1.42.39 <i>epSOSRoleClass</i> (DYNAMIC) or @classCode shall be "PRS"	
└ h17:code	CV.EPSOS	0 ... 1	R	The relationship between the patient and the guardian or other contact should be recorded in the element. The code attribute is required and comes from the HL7 PersonalRelationshipRoleType vocabulary with codeSystem (2.16.840.1.113883.5.111). The codeSystem attribute is required. The relationship between the patient and his preferred HP comes from the the full RoleCode (2.16.840.1.113883.5.111) codeSystem	R1.8.6
 epsos-dataelement-35  Role of that person  epSOS Data Set					
	CONF			The value of @code shall be drawn from value set 1.3.6.1.4.1.12559.11.10.1.3.1.42.38 <i>epSOSPersonalRelationship</i> (DYNAMIC)	
└ h17:addr	AD.EPSOS	1 ... 1	R	Patient Contact's / Preferred HP's Address	R1.8.3 / R1.9.2
└ @nullFlavor	cs	0 ... 1	F	NI	
	Schematron assert	role	 error	test @nullFlavor or h17:*	
		Message		If addr is not nullflavored at least one sub element has to be provided	
└ h17:streetAddressLine		0 ... *	R	Patient Contact's Street/Number of Street / Preferred HP's Street/Number of Street	R1.8.3.1 / R1.8.3.2 / R1.9.2.1 / R1.9.2.2
└ h17:city		0 ... 1	R	Patient Contact's City / Preferred HP's City	R1.8.2.3 / R1.9.2.3
└ h17:postalCode		0 ... 1	R	Patient Contact's Postal Code / Preferred HP's Postal Code	R1.8.2.4 / R1.9.2.4
└ h17:state		0 ... 1	R	Patient Contact's State or Province / Preferred HP's State or Province	R1.8.2.5 / R1.9.2.5

Item	DT	Card	Conf	Description	Label																		
└ h17:country		0 ... 1	R	Patient Contact's Country / Preferred HP's Country. When used addr.country it is always bound to the epSOSCountry value set	R1.8.2.6 / R1.9.2.6																		
└ h17:telecom	TEL	1 ... *	R	Patient Contact's / Preferred HP's/Legal Organization telephone or e-mail element is required. If there is no information, the nullFlavor attribute shall have a value of 'UNK' and the "value" and "use" attributes shall be omitted, otherwise the nullFlavor attribute shall not be present, and the "value" and "use" attributes shall be present	R1.8.4.1 / R1.8.4.2 / R1.9.3.1 / R1.9.3.2																		
	<table border="0"> <tr> <td>⊙ epsos-dataelement-40</td> <td>● Email</td> <td>● epSOS Data Set</td> </tr> <tr> <td>epsos-dataelement-50</td> <td>● Email</td> <td>● epSOS Data Set</td> </tr> <tr> <td>epsos-dataelement-43</td> <td>● Email</td> <td>● epSOS Data Set</td> </tr> <tr> <td>epsos-dataelement-41</td> <td>● Telephone No</td> <td>● epSOS Data Set</td> </tr> <tr> <td>epsos-dataelement-39</td> <td>● Telephone No</td> <td>● epSOS Data Set</td> </tr> <tr> <td>epsos-dataelement-49</td> <td>● Telephone No</td> <td>● epSOS Data Set</td> </tr> </table>					⊙ epsos-dataelement-40	● Email	● epSOS Data Set	epsos-dataelement-50	● Email	● epSOS Data Set	epsos-dataelement-43	● Email	● epSOS Data Set	epsos-dataelement-41	● Telephone No	● epSOS Data Set	epsos-dataelement-39	● Telephone No	● epSOS Data Set	epsos-dataelement-49	● Telephone No	● epSOS Data Set
⊙ epsos-dataelement-40	● Email	● epSOS Data Set																					
epsos-dataelement-50	● Email	● epSOS Data Set																					
epsos-dataelement-43	● Email	● epSOS Data Set																					
epsos-dataelement-41	● Telephone No	● epSOS Data Set																					
epsos-dataelement-39	● Telephone No	● epSOS Data Set																					
epsos-dataelement-49	● Telephone No	● epSOS Data Set																					
└ @use	set_cs	0 ... 1																					
	CONF	The value of @use shall be drawn from value set 1.3.6.1.4.1.12559.11.10.1.3.1.42.40 epSOSTelecomAddress (DYNAMIC)																					
└ @nullFlavor	cs	0 ... 1	F	NI																			
	Example	<pre><telecom use="WP" value="tel:+45 20 7025 6161"/> <telecom use="HP" value="mailto:jsmith@myprovider.co.uk"/></pre>																					
<i>Choice</i>		1 ... 1		Elements to choose from: <ul style="list-style-type: none"> ▪ h17:associatedPerson ▪ h17:scopingOrganization 																			
└ h17:associatedPerson			R		(epS --- -PS)																		
└ h17:name	PN	1 ... 1	R	Patient Contact's Name / Preferred HP's Name	IHE PCC / R1.9.1																		

Item	DT	Card	Conf	Description	Label
	epsos-dataelement-46			Full Name	epSOS Data Set
Example	<pre><name> <given>John</given> <family>Español Smith</family> </name></pre>				
Choice		2 ... *		Elements to choose from: <ul style="list-style-type: none"> ▪ hl7:family ▪ hl7:given 	
└ h17:family		1 ... *	R	Patient Contact's Family Name/Surname / Preferred HP's Family Name/Surname	R1.8.1 / R1.9.1.1
	epsos-dataelement-38 epsos-dataelement-48			Family Name/Surname	epSOS Data Set epSOS Data Set
└ h17:given		1 ... *	R	Patient Contact's Given Name / Preferred HP's Given Name	R1.8.2 / R1.9.1.2
	epsos-dataelement-37 epsos-dataelement-47			Given Name	epSOS Data Set epSOS Data Set
└ h17:scopingOrganization			R		(epS... -PS)
└ h17:name	ON	1 ... 1	R	Organization's Name	R1.9.1
	epsos-dataelement-33			Organization Name	epSOS Data Set
Included		1 ... 1	R	from 2.16.840.1.113883.3.1937.777.11.10.106 epSOS CDA documentationOf PCPR (DYNAMIC)	
└ h17:documentationOf		1 ... 1	R		(epS... -PS)

Item	DT	Card	Conf	Description	Label
└ @typeCode	cs	1 .. 1	F	DOC	
└ h17:serviceEvent		1 .. 1	R		(epS ... -PS)
└ @classCode	cs	1 .. 1	F	PCPR	
└ @moodCode	cs	1 .. 1	F	EVN	
└ h17:id	II.EPSOS	0 .. *	R		(epS ... -PS)
└ h17:code	CE.EPSOS	0 .. 1	R		(epS ... -PS)
Choice		1 .. 1		Elements to choose from: <ul style="list-style-type: none"> ▪ h17:effectiveTime[h17:high] ▪ h17:effectiveTime[@nullFlavor or @value] 	
└ h17:effectiveTime	IVL_TS	... 1	R		(epS ... -PS)
where [h17:high]					
└ h17:low	TS	0 .. 1	R		(epS ... -PS)
└ h17:high	TS	1 .. 1	R		(epS ... -PS)
└ h17:effectiveTime	TS	... 1	R		(epS ... -PS)
where [@nullFlavor or @value]					
└ h17:performer		0 .. *	R	represents the healthcare providers involved in the current or pertinent historical care of the patient. Preferably, the patient's key healthcare providers would be listed, particularly their primary physician and any active consulting physicians,	(epS ... -PS)

Item	DT	Card	Conf	Description	Label
				therapists, and counselors	
└ @typeCode	cs	1 .. 1	R		
	CONF			The value of @typeCode shall be drawn from value set 2.16.840.1.113883.1.11.19601 x_ServiceEventPerformer (DYNAMIC)	
└ h17:functionCode	CE.EPSOS	1 .. 1	R		(epS --- -PS)
	CONF			The value of @code shall be drawn from value set 1.3.6.1.4.1.12559.11.10.1.3.1.42.1 epSOSHealthcareProfessionalRoles (DYNAMIC)	
└ h17:time	IVL_TS	0 .. 1	R		(epS --- -PS)
└ h17:assignedEntity		1 .. 1	M		(epS --- -PS)
└ h17:id	IIEPSOS	1 .. *	R	HP ID number	(epS --- -PS)
└ h17:code	CE.EPSOS	0 .. 1	R	HP Specialty	(epS --- -PS)
└ h17:addr	AD.EPSOS	1 .. *	R		IHE PCC
└ h17:telecom	TEL	1 .. *	R	Performer's Telecom If there is no information, the nullFlavor attribute shall have a value of 'NI' and the "value" and "use" attributes shall be omitted, otherwise the nullFlavor attribute shall not be present, and the "value" and "use" attributes shall be present. Optionalities and Cardinalities of the following two items shall be interpreted according to this rule: e.g. is not expected to have two nullFlavored telecom elements.	R1.10.8
└ @use	set_cs	0 .. 1			

Item	DT	Card	Conf	Description	Label
	CONF			The value of @use shall be drawn from value set 1.3.6.1.4.1.12559.11.10.1.3.1.42.40 <i>epSOSTelecomAddress</i> (DYNAMIC)	
└ @nullFlavor	cs	0 ... 1	F	NI	
	Example			<telecom use="WP" value="tel:+45 20 7025 6161"/> <telecom use="HP" value="mailto:jsmith@myprovider.co.uk"/>	
└ h17:assignedPerson		0 ... 1		Contains 2.16.840.1.113883.3.1937.777.11.10.113 <i>CDA Person</i> (DYNAMIC)	(epS ... -PS)
└ h17:representedOrganization		0 ... 1		Contains 2.16.840.1.113883.3.1937.777.11.10.111 <i>epSOS CDA Organization</i> (DYNAMIC)	(epS ... -PS)
Included		1 ... *	M	from 2.16.840.1.113883.3.1937.777.11.10.107 <i>epSOS CDA relatedDocument</i> (DYNAMIC)	
└ h17:relatedDocument		1 ... *	M		(epS ... -PS)
└ @typeCode	cs	1 ... 1	R		
	CONF			The value of @typeCode shall be drawn from value set 2.16.840.1.113883.1.11.11610 <i>x_ActRelationshipDocument</i> (DYNAMIC)	
└ h17:parentDocument		1 ... 1	R		(epS ... -PS)
└ @classCode		0 ... 1	F	DOCCLIN	
└ @moodCode		0 ... 1	F	EVN	
└ h17:id	II.EPSOS	1 ... *	R		(epS ... -PS)
└ h17:code	CD.EPSOS	0 ... 1	R		(epS ... -PS)
└ @codeSystem	CONF	0 ... 1	F	2.16.840.1.113883.6.1 (LOINC)	

Item	DT	Card	Conf	Description	Label
└ h17:text	ED	0 ... 1	R		(epS ... -PS)
└ h17:setId	IIEPSOS	0 ... 1	R		(epS ... -PS)
└ h17:versionNumber	INT	0 ... 1	R		(epS ... -PS)
└ h17:component		1 ... 1	M		(epS ... -PS)
└ h17:structuredBody		1 ... 1	M		(epS ... -PS)
 epsos-dataelement-16  Clinical Data  epSOS Data Set					
└ @classCode	cs	0 ... 1	F	DOCBODY	
└ h17:component		1 ... 1	R	Contains 1.3.6.1.4.1.12559.11.10.1.3.1.2.3 <i>Section Medication Summary</i> (DYNAMIC)	(epS ... -PS)
where [hl7:section [hl7:templateId [@root = '1.3.6.1.4.1.12559.11.10.1.3.1.2.3']] and hl7:templateId [@root = '2.16.840.1.113883.10.20.1.8']]]					
└ h17:component		1 ... 1	R	Contains 1.3.6.1.4.1.19376.1.5.3.1.3.13 <i>Section Allergies and Other Adverse Reactions</i> (DYNAMIC)	(epS ... -PS)
where [hl7:section [hl7:templateId [@root = '2.16.840.1.113883.10.20.1.2']] and hl7:templateId [@root = '1.3.6.1.4.1.19376.1.5.3.1.3.13']]]					
└ h17:component		0 ... 1		Contains 1.3.6.1.4.1.19376.1.5.3.1.3.23 <i>Section Immunizations</i> (DYNAMIC)	(epS ... -PS)
where [hl7:section [hl7:templateId [@root = '1.3.6.1.4.1.19376.1.5.3.1.3.23']] and hl7:templateId [@root = '2.16.840.1.113883.10.20.1.6']]]					
└ h17:component		0 ... 1		Contains 1.3.6.1.4.1.19376.1.5.3.1.3.8 <i>Section History of Past Illness</i> (DYNAMIC)	(epS ... -PS)


































Item	DT	Card	Conf	Description	Label
where [hl7:section [hl7:templateId [@root = '1.3.6.1.4.1.19376.1.5.3.1.3.8']]]					
└ hl7:component		1 ... 1	R	Contains 1.3.6.1.4.1.19376.1.5.3.1.3.12 <i>Section Coded List of Surgeries</i> (DYNAMIC)	(epS --- -PS)
where [hl7:section [hl7:templateId [@root = '1.3.6.1.4.1.19376.1.5.3.1.3.12']] and hl7:templateId [@root = '1.3.6.1.4.1.19376.1.5.3.1.3.11']]]					
└ hl7:component		1 ... 1	R	Contains 1.3.6.1.4.1.19376.1.5.3.1.3.6 <i>Section Active Problems</i> (DYNAMIC)	(epS --- -PS)
where [hl7:section [hl7:templateId [@root = '1.3.6.1.4.1.19376.1.5.3.1.3.6']] and hl7:templateId [@root = '2.16.840.1.113883.10.20.1.11']]]					
└ hl7:component		1 ... 1	R	Contains 1.3.6.1.4.1.12559.11.10.1.3.1.2.4 <i>Section Medical Devices Coded</i> (DYNAMIC)	(epS --- -PS)
where [hl7:section [hl7:templateId [@root = '1.3.6.1.4.1.12559.11.10.1.3.1.2.4']] and hl7:templateId [@root = '2.16.840.1.113883.10.20.1.7']] and hl7:templateId [@root = '1.3.6.1.4.1.19376.1.5.3.1.1.5.3.5']]]					
└ hl7:component		0 ... 1		Contains 1.3.6.1.4.1.19376.1.5.3.1.1.9.50 <i>Section Health Maintenance Care Plan</i> (DYNAMIC)	(epS --- -PS)
where [hl7:section [hl7:templateId [@root = '2.16.840.1.113883.10.20.1.10']] and hl7:templateId [@root = '1.3.6.1.4.1.19376.1.5.3.1.3.31']] and hl7:templateId [@root = '1.3.6.1.4.1.19376.1.5.3.1.1.9.50']]]					
└ hl7:component		0 ... 1		Contains 1.3.6.1.4.1.19376.1.5.3.1.3.17 <i>Section Functional Status</i> (DYNAMIC)	(epS --- -PS)
where [hl7:section [hl7:templateId [@root = '1.3.6.1.4.1.19376.1.5.3.1.3.17']] and hl7:templateId [@root = '2.16.840.1.113883.10.20.1.5']]]					
└ hl7:component		0 ... 1		Contains 1.3.6.1.4.1.19376.1.5.3.1.3.16.1 <i>Section Coded Social History</i> (DYNAMIC)	(epS --- -PS)
where [hl7:section [hl7:templateId [@root = '1.3.6.1.4.1.19376.1.5.3.1.3.16.1']] and hl7:templateId [@root = '1.3.6.1.4.1.19376.1.5.3.1.3.16']] and hl7:templateId [@root = '2.16.840.1.113883.10.20.1.15']]]					
└ hl7:component		0 ... 1		Contains 1.3.6.1.4.1.19376.1.5.3.1.1.5.3.4 <i>Section Pregnancy History</i> (DYNAMIC)	(epS --- -PS)
where [hl7:section [hl7:templateId [@root = '1.3.6.1.4.1.19376.1.5.3.1.1.5.3.4']]]					

Item	DT	Card	Conf	Description	Label
└ h17:component		0 ... 1		Contains 1.3.6.1.4.1.19376.1.5.3.1.1.5.3.2 <i>Section Coded Vital Signs</i> (DYNAMIC)	(epS...-PS)
where [hl7:section [hl7:templateId [@root = '1.3.6.1.4.1.19376.1.5.3.1.1.5.3.2']] and hl7:templateId [@root = '1.3.6.1.4.1.19376.1.5.3.1.3.25']]					
└ h17:component		0 ... 1		Contains 1.3.6.1.4.1.12559.11.10.1.3.1.2.5 <i>Section Coded Results</i> (DYNAMIC)	(epS...-PS)
where [hl7:section [hl7:templateId [@root = '1.3.6.1.4.1.12559.11.10.1.3.1.2.5']]					

7.2 Templates

7.2.1 ● CDA Device 2.16.840.1.113883.3.1937.777.11.10.129 - 2013-12-20

Id	2.16.840.1.113883.3.1937.777.11.10.129	Effective Date	2013-12-20
Status	● Active	Version Label	
Name	CDADevice	Display Name	CDA Device
Description	Template CDA Device (prototype, directly derived from POCD_RM000040 MIF)		
Classification	CDA Entry Level Template		
Open/Closed	Open (other than defined elements are allowed)		
	Used by 0 transactions and 22 templates, Uses 0 templates		
Used by / Uses	Used by	as	Name Version
	2.16.840.1.113883.3.1937.777.11.10.102	Containment	● epSOS CDA author 2013-12-20
	1.3.6.1.4.1.12559.11.10.1.3.1.1.2		● epSOS-eDispensation 2013-12-20
	1.3.6.1.4.1.12559.11.10.1.3.1.1.3		● epSOS-Patient Summary 2013-12-20
	1.3.6.1.4.1.12559.11.10.1.3.1.1.4		● epSOS-Health Care Encounter Report 2013-12-20
	1.3.6.1.4.1.12559.11.10.1.3.1.1.5		● epSOS-Medication Related Overview 2013-12-20

1.3.6.1.4.1.12559.11.10.1.3.1.1.7		 eHDSI-Patient Summary PDF embedded	2017-03-11 18:41:31
1.3.6.1.4.1.19376.1.5.3.1.4.2		 Comment	2013-12-20
1.3.6.1.4.1.19376.1.5.3.1.4.12		 Immunizations	2013-12-20
1.3.6.1.4.1.19376.1.5.3.1.3.23		 Section Immunizations	2013-12-20
1.3.6.1.4.1.19376.1.5.3.1.4.5		 Problem	2013-12-20
1.3.6.1.4.1.19376.1.5.3.1.4.5.2		 Problem Concern	2013-12-20
1.3.6.1.4.1.19376.1.5.3.1.3.6		 Section Active Problems	2013-12-20
1.3.6.1.4.1.19376.1.5.3.1.3.8		 Section History of Past Illness	2013-12-20
1.3.6.1.4.1.19376.1.5.3.1.4.6		 Allergies And Intolerances	2013-12-20
1.3.6.1.4.1.19376.1.5.3.1.4.5.3		 Allergy and Intolerance Concern	2013-12-20
1.3.6.1.4.1.19376.1.5.3.1.3.13		 Section Allergies and Other Adverse Reactions	2013-12-20
2.16.840.1.113883.3.1937.777.11.10.134	Containment	 CDA Participant (Body)	2013-12-20
1.3.6.1.4.1.12559.11.10.1.3.1.3.2		 epSOS CDA substanceAdministration	2013-12-20
1.3.6.1.4.1.12559.11.10.1.3.1.2.1		 Section Prescription	2013-12-20
1.3.6.1.4.1.12559.11.10.1.3.1.1.1		 epSOS-ePrescription	2013-12-20
1.3.6.1.4.1.12559.11.10.1.3.1.3.3		 epSOS CDA Supply	2013-12-20
1.3.6.1.4.1.12559.11.10.1.3.1.2.2		 Section Dispensation	2013-12-20

Relationship Specialization: template 2.16.840.1.113883.10.12.315 (2005-09-07)



















There is an open issue with this item:

- epsos-issue-176: CDA Device : check value set binding with device.code (Open)

Item	DT	Card	Conf	Description	Label
@classCode		0 ... 1	F	DEV	

Item	DT	Card	Conf	Description	Label
@determinerCode		0 ... 1	F	INSTANCE	
h17:code	CE.EPSOS	0 ... 1	R		(CDA ... ice)
	CONF	The value of @code shall be drawn from value set 2.16.840.1.113883.1.11.16040 <i>EntityCode</i> (DYNAMIC)			
h17:manufacturerModelName	SC	0 ... 1	R		(CDA ... ice)
h17:softwareName	SC	0 ... 1	R		(CDA ... ice)

7.2.2 CDA Number of Packages 1.3.6.1.4.1.12559.11.10.1.3.1.3.6 - 2017-12-21 15:44:42

Id	1.3.6.1.4.1.12559.11.10.1.3.1.3.6	Effective Date	2017-12-21 15:44:42														
Status	 Active	Version Label															
Name	CDANumberOfPackages	Display Name	CDA Number of Packages														
Description	This template is used to represent the number of packages in an ePrescription document.																
Context	Parent nodes of template element with id 1.3.6.1.4.1.12559.11.10.1.3.1.3.6																
Classification	CDA Entry Level Template																
Open/Closed	Open (other than defined elements are allowed)																
	Used by 0 transactions and 3 templates, Uses 0 templates																
Used by / Uses	<table border="1"> <thead> <tr> <th>Used by</th> <th>as</th> <th>Name</th> <th>Version</th> </tr> </thead> <tbody> <tr> <td>1.3.6.1.4.1.12559.11.10.1.3.1.3.2</td> <td>Containment </td> <td>epSOS CDA substanceAdministration</td> <td>2013-12-20</td> </tr> <tr> <td>1.3.6.1.4.1.12559.11.10.1.3.1.2.1</td> <td> </td> <td>Section Prescription</td> <td>2013-12-20</td> </tr> <tr> <td>1.3.6.1.4.1.12559.11.10.1.3.1.1.1</td> <td> </td> <td>epSOS-ePrescription</td> <td>2013-12-20</td> </tr> </tbody> </table>	Used by	as	Name	Version	1.3.6.1.4.1.12559.11.10.1.3.1.3.2	Containment 	epSOS CDA substanceAdministration	2013-12-20	1.3.6.1.4.1.12559.11.10.1.3.1.2.1	 	Section Prescription	2013-12-20	1.3.6.1.4.1.12559.11.10.1.3.1.1.1	 	epSOS-ePrescription	2013-12-20
Used by	as	Name	Version														
1.3.6.1.4.1.12559.11.10.1.3.1.3.2	Containment 	epSOS CDA substanceAdministration	2013-12-20														
1.3.6.1.4.1.12559.11.10.1.3.1.2.1	 	Section Prescription	2013-12-20														
1.3.6.1.4.1.12559.11.10.1.3.1.1.1	 	epSOS-ePrescription	2013-12-20														

Example	<pre>Example <supply classCode="SPLY" moodCode="RQO"> <independentInd value="false"/> <quantity unit="1" value="4"/> </supply></pre>
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There is an open issue with this item:

- epsos-issue-280: Add templateID to CDA Number of Packages (Open)

Item	DT	Card	Conf	Description	Label
h17:supply					(CDA ... ges)
└ @classCode	cs	1 ... 1	F	SPLY	
└ @moodCode	cs	1 ... 1	F	RQO	
└ h17:independentInd	BL	1 ... 1	M		(CDA ... ges)
└ @value	bl	1 ... 1	F	false	
└ h17:quantity	PQ	1 ... 1	M	The supply entry should indicate the quantity supplied (such as tablets or containers). The value attribute shall be present and indicates the quantity of medication supplied. If the medication is supplied in dosing units (tablets or capsules), then the unit attribute need not be present (and should be set to 1 if present). Otherwise, the unit element shall be present to indicate the quantity (e.g., volume or mass) of medication supplied.	(CDA ... ges)

7.2.3 CDA Participant (Body) 2.16.840.1.113883.3.1937.777.11.10.134 - 2013-12-20

Id	2.16.840.1.113883.3.1937.777.11.10.134	Effective Date	2013-12-20
Status	Active	Version Label	
Name	CDAParticipantBody	Display Name	CDA Participant (Body)
Description	Template CDA Participant (Body) (prototype, directly derived from POCD_RM000040 MIF)		

Classification	CDA Header Level Template				
Open/Closed	Open (other than defined elements are allowed)				
Used by / Uses	Used by 0 transactions and 12 templates, Uses 2 templates				
	Used by	as	Name	Version	
	1.3.6.1.4.1.12559.11.10.1.3.1.3.2	Include	 epSOS CDA substanceAdministration	2013-12-20	
	1.3.6.1.4.1.12559.11.10.1.3.1.2.1		 Section Prescription	2013-12-20	
	1.3.6.1.4.1.12559.11.10.1.3.1.1.1		 epSOS-ePrescription	2013-12-20	
	1.3.6.1.4.1.12559.11.10.1.3.1.3.3	Containment	 epSOS CDA Supply	2013-12-20	
	1.3.6.1.4.1.12559.11.10.1.3.1.2.2		 Section Dispensation	2013-12-20	
	1.3.6.1.4.1.12559.11.10.1.3.1.1.2		 epSOS-eDispensation	2013-12-20	
	1.3.6.1.4.1.19376.1.5.3.1.4.6	Containment	 Allergies And Intolerances	2013-12-20	
	1.3.6.1.4.1.19376.1.5.3.1.4.5.3		 Allergy and Intolerance Concern	2013-12-20	
	1.3.6.1.4.1.19376.1.5.3.1.3.13		 Section Allergies and Other Adverse Reactions	2013-12-20	
	1.3.6.1.4.1.12559.11.10.1.3.1.1.3		 epSOS-Patient Summary	2013-12-20	
	1.3.6.1.4.1.12559.11.10.1.3.1.1.4		 epSOS-Health Care Encounter Report	2013-12-20	
	1.3.6.1.4.1.12559.11.10.1.3.1.1.5		 epSOS-Medication Related Overview	2013-12-20	
	Uses	as	Name	Version	
2.16.840.1.113883.3.1937.777.11.10.129	Containment	 CDA Device	DYNAMIC		
2.16.840.1.113883.3.1937.777.11.10.128	Containment	 CDA PlayingEntity	DYNAMIC		
Relationship	Specialization: template 2.16.840.1.113883.10.12.321 (2005-09-07)				
Item	DT	Card	Conf	Description	Label
h17:participant		0 ... *	R		(CDA ... ody)

Item	DT	Card	Conf	Description	Label
└ @typeCode	cs	1 .. 1	R		
	CONF			The value of @typeCode shall be drawn from value set 2.16.840.1.113883.1.11.10901 <i>ParticipationType</i> (DYNAMIC)	
└ @contextControlCode		1 .. 1	F	OP	
└ h17:time	IVL_TS	0 .. 1	R		(CDA ... ody)
└ h17:awarenessCode	CE.EPSOS	0 .. 1	R		(CDA ... ody)
	CONF			The value of @code shall be drawn from value set 2.16.840.1.113883.1.11.10310 <i>TargetAwareness</i> (DYNAMIC)	
└ h17:participantRole		1 .. 1	R		(CDA ... ody)
└ @classCode		0 .. 1	F	ROL	
└ h17:id	II.EPSOS	0 .. *	R		(CDA ... ody)
└ h17:code	CE.EPSOS	0 .. 1	R		(CDA ... ody)
└ @codeSystem	CONF	0 .. 1	F	2.16.840.1.113883.5.111 (RoleCode)	
└ h17:addr	AD	0 .. *	R		(CDA ... ody)

Item	DT	Card	Conf	Description	Label
└ h17:telecom	TEL	0 ... *	R		(CDA ... ody)
Choice		0 ... 1		Elements to choose from: <ul style="list-style-type: none"> h17:playingDevice containing template 2.16.840.1.113883.3.1937.777.11.10.129 CDA Device (DYNAMIC) h17:playingEntity containing template 2.16.840.1.113883.3.1937.777.11.10.128 CDA PlayingEntity (DYNAMIC) 	
└ h17:playingDevice			R	Contains 2.16.840.1.113883.3.1937.777.11.10.129 CDA Device (DYNAMIC)	(CDA ... ody)
└ h17:playingEntity			R	Contains 2.16.840.1.113883.3.1937.777.11.10.128 CDA PlayingEntity (DYNAMIC)	(CDA ... ody)
└ h17:scopingEntity		0 ... 1	R		(CDA ... ody)
└ @classCode		0 ... 1	F	ENT	
└ @determinerCode		0 ... 1	F	INSTANCE	
└ h17:id	II.EPSOS	0 ... *	R		(CDA ... ody)
└ h17:code	CE.EPSOS	0 ... 1	R		(CDA ... ody)
	CONF	The value of @code shall be drawn from value set 2.16.840.1.113883.1.11.16040 EntityCode (DYNAMIC)			
└ h17:desc	ED	0 ... 1	R		(CDA ... ody)

7.2.4 ● CDA Person 2.16.840.1.113883.3.1937.777.11.10.113 - 2013-12-20

Id	2.16.840.1.113883.3.1937.777.11.10.113	Effective Date	2013-12-20		
Status	● Active	Version Label			
Name	CDA Person	Display Name	CDA Person		
Description	Template CDA Person (prototype, directly derived from POCD_RM000040 MIF)				
Classification	CDA Header Level Template				
Open/Closed	Open (other than defined elements are allowed)				
Used by / Uses	Used by 0 transactions and 11 templates, Uses 0 templates				
	Used by	as	Name	Version	
	2.16.840.1.113883.3.1937.777.11.10.106	Containment	● epSOS CDA documentationOf PCPR	2013-12-20	
	1.3.6.1.4.1.12559.11.10.1.3.1.1.3		● epSOS-Patient Summary	2013-12-20	
	1.3.6.1.4.1.12559.11.10.1.3.1.1.4		● epSOS-Health Care Encounter Report	2013-12-20	
	1.3.6.1.4.1.12559.11.10.1.3.1.1.5		● epSOS-Medication Related Overview	2013-12-20	
	1.3.6.1.4.1.12559.11.10.1.3.1.1.7		● eHDSI-Patient Summary PDF embedded	2017-03-11 18:41:31	
	2.16.840.1.113883.3.1937.777.11.10.112	Containment	● CDA participant	2013-12-20	
	2.16.840.1.113883.3.1937.777.11.10.114	Containment	● epSOS CDA AssignedEntity	2013-12-20	
	2.16.840.1.113883.3.1937.777.11.10.136		● CDA Performer (Body)	2013-12-20	
1.3.6.1.4.1.12559.11.10.1.3.1.3.3		● epSOS CDA Supply	2013-12-20		
1.3.6.1.4.1.12559.11.10.1.3.1.2.2		● Section Dispensation	2013-12-20		
1.3.6.1.4.1.12559.11.10.1.3.1.1.2		● epSOS-eDispensation	2013-12-20		
Relationship	Specialization: template 2.16.840.1.113883.10.12.152 (2005-09-07)				
Item	DT	Card	Conf	Description	Label
@classCode		0 ... 1	F	PSN	

Item	DT	Card	Conf	Description	Label
@determinerCode		0 ... 1	F	INSTANCE	
h17:name	PN	1 ... *	R		IHE PCC


7.2.5 ● CDA PlayingEntity 2.16.840.1.113883.3.1937.777.11.10.128 - 2013-12-20

Id	2.16.840.1.113883.3.1937.777.11.10.128	Effective Date	2013-12-20	
Status	● Active	Version Label		
Name	CDAPlayingEntity	Display Name	CDA PlayingEntity	
Description	Template CDA PlayingEntity (prototype, directly derived from POCD_RM000040 MIF)			
Classification	CDA Entry Level Template			
Open/Closed	Open (other than defined elements are allowed)			
Associated with	Associated with 2 concepts			
	Id	Name	Data Set	
	epsos-dataelement-71	● Agent description	● epSOS Data Set	
epsos-dataelement-72	● Agent Code	● epSOS Data Set		
Used by / Uses	Used by 0 transactions and 13 templates, Uses 0 templates			
	Used by	as	Name	Version
	2.16.840.1.113883.3.1937.777.11.10.134	Containment	● CDA Participant (Body)	2013-12-20
	1.3.6.1.4.1.12559.11.10.1.3.1.3.2	●	● epSOS CDA substanceAdministration	2013-12-20
	1.3.6.1.4.1.12559.11.10.1.3.1.2.1	●	● Section Prescription	2013-12-20
1.3.6.1.4.1.12559.11.10.1.3.1.1.1	●	● epSOS-ePrescription	2013-12-20	





1.3.6.1.4.1.12559.11.10.1.3.1.3.3			epSOS CDA Supply	2013-12-20
1.3.6.1.4.1.12559.11.10.1.3.1.2.2			Section Dispensation	2013-12-20
1.3.6.1.4.1.12559.11.10.1.3.1.1.2			epSOS-eDispensation	2013-12-20
1.3.6.1.4.1.19376.1.5.3.1.4.6			Allergies And Intolerances	2013-12-20
1.3.6.1.4.1.19376.1.5.3.1.4.5.3			Allergy and Intolerance Concern	2013-12-20
1.3.6.1.4.1.19376.1.5.3.1.3.13			Section Allergies and Other Adverse Reactions	2013-12-20
1.3.6.1.4.1.12559.11.10.1.3.1.1.3			epSOS-Patient Summary	2013-12-20
1.3.6.1.4.1.12559.11.10.1.3.1.1.4			epSOS-Health Care Encounter Report	2013-12-20
1.3.6.1.4.1.12559.11.10.1.3.1.1.5			epSOS-Medication Related Overview	2013-12-20

Relationship Specialization: template 2.16.840.1.113883.10.12.313 (2005-09-07)

Item	DT	Card	Conf	Description	Label
@classCode		0 ... 1	F	ENT	
@determinerCode		0 ... 1	F	INSTANCE	
h17:code	CE.EPSOS	0 ... 1	R		(CDA ... ity)
	epsos-dataelement-72 Agent Code epSOS Data Set				
	CONF	The value of @code shall be drawn from value set 2.16.840.1.113883.1.11.16040 <i>EntityCode</i> (DYNAMIC)			
h17:quantity	PQ	0 ... *	R		(CDA ... ity)
h17:name	PN	0 ... *	R		(CDA ... ity)

Item	DT	Card	Conf	Description	Label
				 epsos-dataelement-71  Agent description  epSOS Data Set	
h17:desc	ED	0 ... 1	R		(CDA ... ity)





7.2.6 CDA inFulfillmentOf 2.16.840.1.113883.3.1937.777.11.10.115 - 2013-12-20


Id	2.16.840.1.113883.3.1937.777.11.10.115	Effective Date	2013-12-20							
Status	 Active	Version Label								
Name	CDAinFulfillmentOf	Display Name	CDA inFulfillmentOf							
Description	Template CDA inFulfillmentOf (prototype, directly derived from POCD_RM000040 MIF)									
Classification	CDA Header Level Template									
Open/Closed	Open (other than defined elements are allowed)									
Used by / Uses	Used by 0 transactions and 1 template, Uses 0 templates									
	<table border="1"> <thead> <tr> <th>Used by</th> <th>as</th> <th>Name</th> <th>Version</th> </tr> </thead> <tbody> <tr> <td>1.3.6.1.4.1.12559.11.10.1.3.1.1.2</td> <td>Include</td> <td> epSOS-eDispensation</td> <td>2013-12-20</td> </tr> </tbody> </table>	Used by	as	Name	Version	1.3.6.1.4.1.12559.11.10.1.3.1.1.2	Include	 epSOS-eDispensation	2013-12-20	
Used by	as	Name	Version							
1.3.6.1.4.1.12559.11.10.1.3.1.1.2	Include	 epSOS-eDispensation	2013-12-20							
Relationship	Copy: template 2.16.840.1.113883.10.12.109 (2005-09-07)									

Item	DT	Card	Conf	Description	Label
h17:inFulfillmentOf		0 ... *			(CDA ... tOf)
└ @typeCode		0 ... 1	F	FLFS	
└ h17:order		1 ... 1			(CDA ... tOf)
└ @classCode		0 ... 1	F	ACT	

Item	DT	Card	Conf	Description	Label
└ @moodCode		1 ... 1	F	RQO	
└ h17:id	II	1 ... *	R		(CDA ... tOf)
└ h17:code	CE	0 ... 1			(CDA ... tOf)
└ @codeSystem	CONF	0 ... 1	F	2.16.840.1.113883.5.4 (ActCode)	
└ h17:priorityCode	CE	0 ... 1			(CDA ... tOf)
	CONF	The value of @code shall be drawn from value set 2.16.840.1.113883.1.11.16866 ActPriority (DYNAMIC)			


7.2.7 CDA participant 2.16.840.1.113883.3.1937.777.11.10.112 - 2013-12-20



















Id	2.16.840.1.113883.3.1937.777.11.10.112	Effective Date	2013-12-20
Status	 Active	Version Label	
Name	CDAparticipant	Display Name	CDA participant
Description	Template CDA participant (prototype, directly derived from POCD_RM000040 MIF)		
Classification	CDA Header Level Template		
Open/Closed	Open (other than defined elements are allowed)		
	Used by 0 transactions and 2 templates, Uses 2 templates		
Used by / Uses	Used by	as	Name
	1.3.6.1.4.1.12559.11.10.1.3.1.1.4	Include	 epSOS-Health Care Encounter Report
	1.3.6.1.4.1.12559.11.10.1.3.1.1.5	Include	 epSOS-Medication Related Overview
	Uses	as	Name
	2.16.840.1.113883.3.1937.777.11.10.113	Containment	 CDA Person
			DYNAMIC

		2.16.840.1.113883.3.1937.777.11.10.111 Containment  epSOS CDA Organization			DYNAMIC
Relationship		Specialization: template 2.16.840.1.113883.10.12.108 (2005-09-07)			
Item	DT	Card	Conf	Description	Label
h17:participant		0 ... *	R		(CDA ... ant)
└ @typeCode	cs	1 ... 1	R		
	CONF	The value of @typeCode shall be drawn from value set 2.16.840.1.113883.1.11.10901 <i>ParticipationType</i> (DYNAMIC)			
└ @contextControlCode		1 ... 1	F	OP	
└ h17:functionCode	CE.EPSOS	0 ... 1	R		(CDA ... ant)
	CONF	The value of @code shall be drawn from value set 2.16.840.1.113883.1.11.10267 <i>ParticipationFunction</i> (DYNAMIC)			
└ h17:time	IVL_TS	0 ... 1	R		(CDA ... ant)
└ h17:associatedEntity		1 ... 1	R		(CDA ... ant)
└ @classCode	cs	1 ... 1	R		
	CONF	The value of @classCode shall be drawn from value set 2.16.840.1.113883.1.11.19313 <i>RoleClassAssociative</i> (DYNAMIC)			
└ h17:id	II.EPSOS	0 ... *	R		(CDA ... ant)

Item	DT	Card	Conf	Description	Label
└ h17:code	CE.EPSOS	0 ... 1	R		(CDA ... ant)
└ @codeSystem	CONF	0 ... 1	F	2.16.840.1.113883.5.111 (RoleCode)	
└ h17:addr	AD	0 ... *	R		(CDA ... ant)
└ h17:telecom	TEL	0 ... *	R		(CDA ... ant)
└ h17:associatedPerson		0 ... 1	R	Contains 2.16.840.1.113883.3.1937.777.11.10.113 CDA Person (DYNAMIC)	(CDA ... ant)
└ h17:scopingOrganization		0 ... 1	R	Contains 2.16.840.1.113883.3.1937.777.11.10.111 epSOS CDA Organization (DYNAMIC)	(CDA ... ant)

7.2.8 Allergies And Intolerances 1.3.6.1.4.1.19376.1.5.3.1.4.6 - 2013-12-20

Id	1.3.6.1.4.1.19376.1.5.3.1.4.6	Effective Date	2013-12-20
Status	 Active	Version Label	
Name	EntryAllergyAndIntolerance	Display Name	Allergies And Intolerances
Description			
Allergies and intolerances are special kinds of problems, and so are also recorded in the CDA <observation> element, with classCode='OBS'. They follow the same pattern as the problem entry, with exceptions noted below.			
Parent Template			
This is a specialization of the IHE PCC Problem Entry 1.3.6.1.4.1.19376.1.5.3.1.4.5 and of the CCD alert observation template 2.16.840.1.113883.10.20.1.18			

Context	Parent nodes of template element with id 1.3.6.1.4.1.19376.1.5.3.1.4.6			
Classification	CDA Entry Level Template			
Open/Closed	Open (other than defined elements are allowed)			
Associated with	Associated with 3 concepts			
	Id	Name	Data Set	
	epsos-dataelement-70	 Onset Date	 epSOS Data Set	
	epsos-dataelement-68	 Allergy description	 epSOS Data Set	
epsos-dataelement-69	 Allergy code	 epSOS Data Set		
Used by / Uses	Used by 0 transactions and 5 templates, Uses 3 templates			
	Used by	as	Name	Version
	1.3.6.1.4.1.19376.1.5.3.1.4.5.3	Containment	 Allergy and Intolerance Concern	2013-12-20
	1.3.6.1.4.1.19376.1.5.3.1.3.13		 Section Allergies and Other Adverse Reactions	2013-12-20
	1.3.6.1.4.1.12559.11.10.1.3.1.1.3		 epSOS-Patient Summary	2013-12-20
	1.3.6.1.4.1.12559.11.10.1.3.1.1.4		 epSOS-Health Care Encounter Report	2013-12-20
	1.3.6.1.4.1.12559.11.10.1.3.1.1.5		 epSOS-Medication Related Overview	2013-12-20
	Uses	as	Name	Version
2.16.840.1.113883.3.1937.777.11.10.134	Containment	 CDA Participant (Body)	DYNAMIC	
1.3.6.1.4.1.19376.1.5.3.1.4.5	Containment	 Problem	DYNAMIC	
1.3.6.1.4.1.19376.1.5.3.1.4.1	Containment	 Severity	DYNAMIC	
Relationship	Specialization: template 2.16.840.1.113883.10.20.1.18 (DYNAMIC)			
	Specialization: template 1.3.6.1.4.1.19376.1.5.3.1.4.5 (DYNAMIC)			
Example	<p>Example</p> <pre><observation classCode="OBS" moodCode="EVN" negationInd="false"> <templateId root="2.16.840.1.113883.10.20.1.18"/> </observation></pre>			

```

<templateId root="2.16.840.1.113883.10.20.1.28"/>
<templateId root="1.3.6.1.4.1.19376.1.5.3.1.4.6"/>
<templateId root="1.3.6.1.4.1.19376.1.5.3.1.4.5"/>
<id root=" " extension=" "/>
<!-- This is the code that shows what kind of allergy or intolerance derived from the epSOSAdverseEventType Value
Set-->

<code code="" codeSystem="2.16.840.1.113883.6.96"/>
<text>

  <reference value=" "/>
</text>
<statusCode code="completed"/>
<effectiveTime>

  <low value=" "/>
  <high value=" "/>
</effectiveTime>
<!-- value element is present only to indicate no known allergies, in all other cases is used for referencng text
in the narrative -->

<value xsi:type="CD"/>
<!-- This is the allergen - the substance that caused the allergy -->

<participant typeCode="CSM">

  <participantRole classCode="MANU">

    <playingEntity classCode="MMAT">

      <code code=" " codeSystem=" " >

        <originalText>

          <reference value="#substance"/>
        </originalText>
      </code>
      <name/>
    </playingEntity>
  </participantRole>
</participant>
<!-- This is how the allergy manifests itself -->

<entryRelationship typeCode="MFST">

  <templateId root="1.3.6.1.4.1.19376.1.5.3.1.4.6.1"/>
  <!-- a problem entry -->

  <observation classCode="OBS" moodCode="EVN">

    <templateId root="2.16.840.1.113883.10.20.1.54"/>

```



```

<templateId root="1.3.6.1.4.1.19376.1.5.3.1.4.5"/>
<!-- The code tells us that the observation is a symptom -->

<code code="418799008" codeSystem="2.16.840.1.113883.6.96" displayName="Finding reported by subject or history
provider" codeSystemName="SNOMED CT"/>
<text>

    <reference value="#manifest-1"/>
</text>
<statusCode code="completed"/>
<!-- The value tells us what the symptom (i.e. allergy manifestation) is -->

<!-- This is where anaphylaxy or angiooedema will be coded -->

<value xsi:type="CD" code=" " codeSystem=" " displayName=" " codeSystemName=" "/>
</observation>
</entryRelationship>
<!-- This is how the severity of the allergy is described (Optional)-->

<entryRelationship typeCode="SUBJ" inversionInd="true">

<observation classCode="OBS" moodCode="EVN">

<templateId root="2.16.840.1.113883.10.20.1.55"/>
<templateId root="1.3.6.1.4.1.19376.1.5.3.1.4.1"/>
<!-- This code is from HL7 and indicates that the observation is about severity -->

<code code="SEV" displayName="Severity" codeSystem="2.16.840.1.113883.5.4" codeSystemName="ActCode"/>
<text>

    <reference value="#severity-1"/>
</text>
<statusCode code="completed"/>
<!-- This code is from SNOMED, according to the epSOS value set-->

<value xsi:type="CD" code="" codeSystem="2.16.840.1.113883.6.96" codeSystemName="SNOMED CT"/>
</observation>
</entryRelationship>
</observation>







```




There are open issues with this item:



- epsos-issue-150: *Fix participant role for agents* (Open)
- epsos-issue-206: *Define a specialized template for the agent* (Open)
- epsos-issue-232: *participant duplication - see epsos-issue-231* (Open)
- epsos-issue-274: *Change cardinality of value element* (Open)
- epsos-issue-275: *Change the Cardinality of the id and text elements according to the IHE PCC* (Feedback needed)

Item	DT	Card	Conf	Description	Label
h17:observation			R	<p>This entry has a template identifier of 1.3.6.1.4.1.19376.1.5.3.1.4.6, and is a subtype of the <u>Problem Entry</u>, and so must also conform to the rules of the problem entry, which has the template identifier of 1.3.6.1.4.1.19376.1.5.3.1.4.5. These elements are required and shall be recorded exactly as shown above.</p> <p>Note: the 1.3.6.1.4.1.19376.1.5.3.1.4.5 requires that also the template ID '2.16.840.1.113883.10.20.1.28' is included.</p>	(Ent ... nce)
└ @classCode	cs	1 ... 1	F	OBS	
└ @moodCode	cs	1 ... 1	F	EVN	
└ @negationInd	bl	0 ... 1			
└ h17:templateId	I1.EPSOS	1 ... 1	R	IHE PCC Problem Entry	(Ent ... nce)
└ @root	uid	1 ... 1	F	1.3.6.1.4.1.19376.1.5.3.1.4.5	
└ h17:templateId	I1.EPSOS	1 ... 1	R	CCD Alert Observation	(Ent ... nce)
└ @root	uid	1 ... 1	F	2.16.840.1.113883.10.20.1.18	
└ h17:templateId	I1.EPSOS	1 ... 1	R		(Ent ... nce)
└ @root	uid	1 ... 1	F	2.16.840.1.113883.10.20.1.28	
└ h17:templateId	I1.EPSOS	1 ... 1	R		(Ent ... nce)









Item	DT	Card	Conf	Description	Label
└ @root	uid	1 .. 1	F	1.3.6.1.4.1.19376.1.5.3.1.4.6	
└ h17:id	II.EPSOS	0 .. *	R		(Ent ... nce)
└ h17:code	CD	1 .. 1	R	The <code> element represents the kind of allergy observation made, to a drug, food or environmental agent, and whether it is an allergy, non-allergy intolerance, or unknown class of intolerance (not known to be allergy or intolerance). The <code> element of an allergy entry shall be provided, and a code and codeSystem attribute shall be present.	(Ent ... nce)
<div style="display: flex; justify-content: space-between; align-items: center;">  epsos-dataelement-69  Allergy code  epSOS Data Set </div>					
		<div style="border: 1px solid gray; padding: 2px;"> CONF The value of @code shall be drawn from value set 1.3.6.1.4.1.12559.11.10.1.3.1.42.18 <i>epSOSAdverseEventType</i> (DYNAMIC) </div>			
└ h17:text	ED	1 .. 1	R		(Ent ... nce)
<div style="display: flex; justify-content: space-between; align-items: center;">  epsos-dataelement-68  Allergy description  epSOS Data Set </div>					
└ h17:reference	TEL	1 .. 1	M		(Ent ... nce)
└ @value		1 .. 1	R	Reference pointing to the narrative, typically #{label}-{generated-id}, e.g. #xxx-1	
└ h17:statusCode	CS	1 .. 1	R		(Ent ... nce)
└ @code	<div style="border: 1px solid gray; padding: 2px;">CONF</div>	0 .. 1	F	completed	
└ h17:effectiveTime	IVL_TS	0 .. 1	R		(Ent ... nce)

Item	DT	Card	Conf	Description	Label
					nce)
<div style="display: flex; justify-content: space-between; align-items: center;">  epsos-dataelement-70  Onset Date  epSOS Data Set </div>					
└ h17:value	CD	0 ... *	R	The value element shall be present in a coded or uncoded form. In both cases the type shall be set to xsi:type='CD'. The coded form shall be used to indicate "No known allergy" (code='716186003' codeSystem='2.16.840.1.113883.6.96' codeSystemName='SNOMED CT'). In all other cases it shall be in its uncoded form and may contain a <reference> to the <originalText> in the narrative where the allergy is described.	(Ent ... nce)
└ h17:participant		0 ... *	C	<p>The substance that causes the allergy or intolerance shall be specified in the <participant> structure.</p> <p>The <code> element shall be present. It may contain a code and codeSystem attribute to indicate the code for the substance causing the allergy or intolerance. It shall contain a <reference> to the <originalText> in the narrative where the substance is named.</p> <p>Contains 2.16.840.1.113883.3.1937.777.11.10.134 <i>CDA Participant (Body)</i> (DYNAMIC)</p>	(Ent ... nce)
where [hl7:participant [@contextControlCode = 'OP'] [@typeCode]]					
		<div style="background-color: #ffffcc; padding: 2px;"> Constraint Conditional: Omit if Observation.value is SNOMED-CT 716186003 No known allergy </div>			
└ h17:entryRelationship		0 ... *	R	<p>An allergy entry can record the reactions that are manifestations of the allergy or intolerance as shown below. It uses a related entry (<entryRelationship>) that indicates the manifestations (typeCode='MFST') the reported allergy or intolerance. These are events that may occur, or have occurred in the past as a reaction to the allergy or intolerance<entryRelationship typeCode='MFST'></p> <p>The entry contained with this entry relationship is some sort of problem that is a manifestation of the allergy. It is recorded using the <u>Problem Entry</u> structure.</p> <p>Note: the 1.3.6.1.4.1.19376.1.5.3.1.4.5 requires that also the template ID '2.16.840.1.113883.10.20.1.28' is included.</p> <p>Contains 1.3.6.1.4.1.19376.1.5.3.1.4.5 <i>Problem</i> (DYNAMIC)</p>	(Ent ... nce)

Item	DT	Card	Conf	Description	Label
where [hl7:observation [hl7:templateId [@root = '1.3.6.1.4.1.19376.1.5.3.1.4.5']] and hl7:templateId [@root = '2.16.840.1.113883.10.20.1.28']]]					
└ hl7:entryRelationship		0 ... 1	R	<p>An optional <entryRelationship> element may be present indicating the severity of the problem. If present, this <entryRelationship> element shall contain a severity observation conforming to the Severity entry template (1.3.6.1.4.1.19376.1.5.3.1.4.1).</p> <p>The related statement is made about the severity of the condition, concern, or allergy). This observation is recorded inside an <entryRelationship> element occurring in the containing entry. The containing <entry> is the subject (typeCode='SUBJ') of this new observation, which is the inverse of the normal containment structure, thus inversionInd='true'.</p> <p>The related statement is another event (moodCode='EVN') observing (<observation classCode='OBS'>) the severity of the (surrounding) related entry (e.g., a condition or allergy).</p> <p>Contains 1.3.6.1.4.1.19376.1.5.3.1.4.1 Severity (DYNAMIC)</p>	(Ent ... nce)
where [hl7:observation [hl7:templateId [@root = '1.3.6.1.4.1.19376.1.5.3.1.4.1']] and hl7:templateId [@root = '2.16.840.1.113883.10.20.1.55']]]					
Example				<pre> <!-- The encompassing condition or allergy observation --> <observation classCode="COND" moodCode="EVN"> <!-- ... --> <entryRelationship typeCode="SUBJ" inversionInd="true"> <observation classCode="OBS" moodCode="EVN"> <templateId root="2.16.840.1.113883.10.20.1.55"/> <templateId root="1.3.6.1.4.1.19376.1.5.3.1.4.1"/> <code code="SEV" displayName="Severity" codeSystem="2.16.840.1.113883.5.4" codeSystemName="ActCode"/> <text> <reference value="#severity-2"/> </text> <statusCode code="completed"/> <!-- This code is from SNOMED, according to the epSOS value set--> <value xsi:type="CD" code="" codeSystem="2.16.840.1.113883.6.96" </pre>	

Item	DT	Card	Conf	Description	Label
				<pre>codeSystemName="SNOMED CT"/> </observation> </entryRelationship> <!-- ... --> </observation></pre>	

7.2.9 Allergy and Intolerance Concern 1.3.6.1.4.1.19376.1.5.3.1.4.5.3 - 2013-12-20

Id	1.3.6.1.4.1.19376.1.5.3.1.4.5.3	Effective Date	2013-12-20
Status	 Active	Version Label	
Name	EntryAllergyAndIntoleranceConcern	Display Name	Allergy and Intolerance Concern
Description			
<p>This entry is a specialization of the Concern Entry, wherein the subject of the concern is focused on an allergy or intolerance.</p> <p>This entry has a template identifier of 1.3.6.1.4.1.19376.1.5.3.1.4.5.3, and is a subtype of the Concern entry, and so must also conform to the rules of the Concern Entry. These elements are required and shall be recorded exactly as shown above.</p> <p>This entry shall contain one or more allergy or intolerance entries that conform to the Allergy and Intolerance Entry Content Module. This shall be represented with the <entryRelationship> element. The typeCode shall be 'SUBJ' and inversionInd shall be 'false'</p>			
Context	Parent nodes of template element with id 1.3.6.1.4.1.19376.1.5.3.1.4.5.3		
Classification	CDA Entry Level Template		
Open/Closed	Open (other than defined elements are allowed)		
Used by 0 transactions and 4 templates, Uses 1 template			
Used by / Uses	Used by	as	Name
	1.3.6.1.4.1.19376.1.5.3.1.3.13	Containment	 Section Allergies and Other Adverse Reactions
	1.3.6.1.4.1.12559.11.10.1.3.1.1.3		 epSOS-Patient Summary
	1.3.6.1.4.1.12559.11.10.1.3.1.1.4		 epSOS-Health Care Encounter Report
	1.3.6.1.4.1.12559.11.10.1.3.1.1.5		 epSOS-Medication Related Overview
			Version
			2013-12-20
			2013-12-20
			2013-12-20
			2013-12-20

Uses	as	Name	Version
1.3.6.1.4.1.19376.1.5.3.1.4.6	Containment	 Allergies And Intolerances	DYNAMIC


Relationship	Specialization: template 2.16.840.1.113883.10.12.301 (2005-09-07)
Example	<p>Example</p> <pre> <act classCode="ACT" moodCode="EVN"> <templateId root="2.16.840.1.113883.10.20.1.27"/> <templateId root="1.3.6.1.4.1.19376.1.5.3.1.4.5.1"/> <templateId root="1.3.6.1.4.1.19376.1.5.3.1.4.5.3"/> <id root=" " extension=" "/> <code nullFlavor="NA"/> <statusCode code="active suspended aborted completed"/> <effectiveTime> <low value=" "/> <high value=" "/> </effectiveTime> <!-- 1..* entry relationships identifying allergies of concern --> <entryRelationship typeCode="SUBJ"> <observation classCode="OBS" moodCode="EVN"> <templateId root="1.3.6.1.4.1.19376.1.5.3.1.4.6"/> <!-- ... --> </observation> </entryRelationship> <!-- optional entry relationship providing more information about the concern --> <entryRelationship type="REFR"> <!-- ... --> </entryRelationship> </act> </pre>

Item	DT	Card	Conf	Description	Label
h17:act		0 ... *	R		(Ent ... ern)
└ @classCode	cs	1 ... 1	F	ACT	

Item	DT	Card	Conf	Description	Label
└ @moodCode	cs	1 .. 1	F	EVN	
└ h17:templateId	II.EPSOS	1 .. 1	R		(Ent ... ern)
└ @root	uid	1 .. 1	F	2.16.840.1.113883.10.20.1.27	
└ h17:templateId	II.EPSOS	1 .. 1	R		(Ent ... ern)
└ @root	uid	1 .. 1	F	1.3.6.1.4.1.19376.1.5.3.1.4.5.1	
└ h17:templateId	II.EPSOS	1 .. 1	R		(Ent ... ern)
└ @root	uid	1 .. 1	F	1.3.6.1.4.1.19376.1.5.3.1.4.5.3	
└ h17:id	II.EPSOS	0 .. *	R		(Ent ... ern)
└ h17:code	CD	1 .. 1	R	Fixed nullFlavor='NA'	(Ent ... ern)
└ h17:statusCode	CS	0 .. 1	R		(Ent ... ern)
	CONF			@code shall be "active" or @code shall be "suspended"	

Item	DT	Card	Conf	Description	Label
				or @code shall be "aborted" or @code shall be "completed"	
└ h17:effectiveTime	IVL_TS	0 ... 1	R		(Ent ... ern)
└ h17:entryRelationship		0 ... *	R	This entry shall contain one or more allergy or intolerance entries that conform to the Allergy and Intolerance Entry Content Module. This shall be represented with the <entryRelationship> element. The typeCode shall be 'SUBJ' and inversionInd shall be 'false' Contains 1.3.6.1.4.1.19376.1.5.3.1.4.6 <i>Allergies And Intolerances</i> (DYNAMIC)	(Ent ... ern)
where [hl7:observation [hl7:templateId [@root = '1.3.6.1.4.1.19376.1.5.3.1.4.5']] and hl7:templateId [@root = '2.16.840.1.113883.10.20.1.18']] and hl7:templateId [@root = '2.16.840.1.113883.10.20.1.28']] and hl7:templateId [@root = '1.3.6.1.4.1.19376.1.5.3.1.4.6']]]					
└ @typeCode	cs	1 ... 1	F	SUBJ	
└ @inversionInd	bl	1 ... 1	F	false	

7.2.10 Blood Group 1.3.6.1.4.1.19376.1.5.3.1.4.13.6 - 2017-07-12 16:25:39

Id	1.3.6.1.4.1.19376.1.5.3.1.4.13.6	Effective Date	2017-07-12 16:25:39
Status	 Active	Version Label	
Name	EntryBloodGroupObservation	Display Name	Blood Group
Description			
Note that this template was specified by IHE PCC. Find the referenced specification here: https://art-decor.ihe-europe.net/art-decor/decor-templates--IHE-PCC-?section=templates&id=1.3.6.1.4.1.19376.1.5.3.1.4.13.6			
Context	Parent nodes of template element with id 1.3.6.1.4.1.19376.1.5.3.1.4.13.6		













Classification	CDA Entry Level Template												
Open/Closed	Open (other than defined elements are allowed)												
Used by / Uses	<p>Used by 0 transactions and 2 templates, Uses 0 templates</p> <table border="1"> <thead> <tr> <th>Used by</th> <th>as</th> <th>Name</th> <th>Version</th> </tr> </thead> <tbody> <tr> <td>1.3.6.1.4.1.12559.11.10.1.3.1.2.5</td> <td>Containment</td> <td> Section Coded Results</td> <td>2013-12-20</td> </tr> <tr> <td>1.3.6.1.4.1.12559.11.10.1.3.1.1.3</td> <td></td> <td> epSOS-Patient Summary</td> <td>2013-12-20</td> </tr> </tbody> </table>	Used by	as	Name	Version	1.3.6.1.4.1.12559.11.10.1.3.1.2.5	Containment	Section Coded Results	2013-12-20	1.3.6.1.4.1.12559.11.10.1.3.1.1.3		epSOS-Patient Summary	2013-12-20
Used by	as	Name	Version										
1.3.6.1.4.1.12559.11.10.1.3.1.2.5	Containment	Section Coded Results	2013-12-20										
1.3.6.1.4.1.12559.11.10.1.3.1.1.3		epSOS-Patient Summary	2013-12-20										
Relationship	Specialization: template 1.3.6.1.4.1.19376.1.5.3.1.4.13 (2013-12-20)												
Example	<p>Example</p> <pre> <observation classCode="OBS" moodCode="EVN"> <templateId root="1.3.6.1.4.1.19376.1.5.3.1.4.13"/> <id root="" extension=""/> <code code="" displayName="" codeSystem="" codeSystemName=""/> <text> <reference value="#xxx"/> </text> <statusCode code="completed"/> <effectiveTime value=""/> <repeatNumber value=""/> <value xsi:type=""/> <interpretationCode code="" codeSystem="" codeSystemName=""/> <methodCode code="" codeSystem="" codeSystemName=""/> <targetSiteCode code="" codeSystem="" codeSystemName=""/> <author typeCode="AUT"> <assignedAuthor typeCode="ASSIGNED"> <id root="" extension=""/> </assignedAuthor> </author> </observation> </pre>												
	<p>There are open issues with this item:</p> <ul style="list-style-type: none"> ▪ epsos-issue-192: <i>revert to original IHE template</i> (Feedback needed) ▪ epsos-issue-216: <i>text: maximum multiplicity</i> (In Progress) ▪ epsos-issue-217: <i>effectiveTime maximum multiplicity</i> (In Progress) 												














Item	DT	Card	Conf	Description	Label
h17:observation		1 ... 1	R	These acts are simply observations that have occurred, and so are recored using the <observation> element as shown above.	(Ent ... ion)
└ @classCode	cs	1 ... 1	F	OBS	
└ @moodCode	cs	1 ... 1	F	EVN	
└ h17:templateId	II	1 ... 1	M		(Ent ... ion)
└└ @root	uid	1 ... 1	F	1.3.6.1.4.1.19376.1.5.3.1.4.13.6	
└ h17:templateId	II.EPSOS	1 ... 1	M		(Ent ... ion)
└└ @root	uid	1 ... 1	F	1.3.6.1.4.1.19376.1.5.3.1.4.13	
└ h17:id	II.EPSOS	1 ... 1	M	Each observation shall have an identifier.	(Ent ... ion)
└ h17:code	CD	1 ... 1	M	Observations shall have a code describing what was measured. The code system used is determined by the vocabulary constraints on the types of measurements that might be recorded in a section. Content modules that are derived from the Simple Observation content module may restrict the code system and code values used for the observation.	(Ent ... ion)
└└ @code		1 ... 1	F	34530-6	
└└ @codeSystem	CONF	1 ... 1	F	2.16.840.1.113883.6.1 (LOINC)	

Item	DT	Card	Conf	Description	Label
└ h17:text	ED	1 ... 1	R	Each observation measurement entry may contain a <text> element providing the free text that provides the same information as the observation within the narrative portion of the document with a <text> element. For CDA based uses of Simple Observations, this element SHALL be present, and SHALL contain a <reference> element that points to the related string in the narrative portion of the document. For HL7 Version 3 based uses, the <text> element MAY be included.	(Ent ... ion)
└ h17:statusCode	CD	1 ... 1	M	The status code of all observations shall be completed.	(Ent ... ion)
└ @code	CONF	1 ... 1	F	completed	
└ h17:effectiveTime	IVL_TS	1 ... 1	R	The <effectiveTime> element shall be present in standalone observations , and shall record the date and time when the measurement was taken. This element should be precise to the day. If the date and time is unknown, this element should record that using the nullFlavor attribute.	(Ent ... ion)
└ h17:value	CV.EPSOS	1 ... *	R	The value of the observation shall be recording using a data type appropriate to the observation. Content modules derived from the Simple Observation content module may restrict the allowable data types used for the observation.	(Ent ... ion)
	CONF			The value of @code shall be drawn from value set 1.3.6.1.4.1.12559.11.10.1.3.1.42.20 <i>epSOSBloodGroup</i> (DYNAMIC)	
└ h17:interpretationCode	CE (extensible)	0 ... *	R	If there is an interpretation that can be performed using an observation result (e.g., high, borderline, normal, low), these may be recorded within the interpretationCode element.	(Ent ... ion)
└ h17:methodCode	CE (extensible)	0 ... *	R	The methodCode element may be used to record the specific method used to make an observation when this information is not already pre-coordinated with the observation code .	(Ent ... ion)

Item	DT	Card	Conf	Description	Label
└ h17:targetSiteCode	CD (extensible)	0 ... *	R	The targetSiteCode may be used to record the target site where an observation is made when this information is not already pre-coordinated with the observation code.	(Ent ... ion)

7.2.11 Comment 1.3.6.1.4.1.19376.1.5.3.1.4.2 - 2013-12-20

Id	1.3.6.1.4.1.19376.1.5.3.1.4.2	Effective Date	2013-12-20
Status	 Active	Version Label	
Name	EntryComment	Display Name	Comment
Description			
<p>This entry allows for a comment to be supplied with each entry. For CDA this structure is usually included in the target act using the <entryRelationship> element defined in the CDA Schema, but can also be used in the <component> element when the comment appears within an <organizer>. The example below shows recording a comment for an <entry>, and is used as context for the following sections. For HL7 Version 3 Messages, this relationship is represented with the element <sourceOf>, although the remainder of the typecodes and semantics are unchanged.</p> <p>Any condition or allergy may be the subject of a comment.</p>			
Context	Parent nodes of template element with id 1.3.6.1.4.1.19376.1.5.3.1.4.2		
Classification	CDA Entry Level Template		
Open/Closed	Open (other than defined elements are allowed)		
Used by 0 transactions and 12 templates, Uses 1 template			
Used by / Uses	Used by	as	Name
	1.3.6.1.4.1.19376.1.5.3.1.4.12	Containment 	Immunizations
	1.3.6.1.4.1.19376.1.5.3.1.3.23	 	Section Immunizations
	1.3.6.1.4.1.12559.11.10.1.3.1.1.3	 	epSOS-Patient Summary
	1.3.6.1.4.1.12559.11.10.1.3.1.1.4	 	epSOS-Health Care Encounter Report
	1.3.6.1.4.1.12559.11.10.1.3.1.1.5	 	epSOS-Medication Related Overview
1.3.6.1.4.1.19376.1.5.3.1.4.5	Containment 	Problem	
1.3.6.1.4.1.19376.1.5.3.1.4.5	Containment 	Problem	2013-12-20

1.3.6.1.4.1.19376.1.5.3.1.4.5.2		 Problem Concern	2013-12-20
1.3.6.1.4.1.19376.1.5.3.1.3.6		 Section Active Problems	2013-12-20
1.3.6.1.4.1.19376.1.5.3.1.3.8		 Section History of Past Illness	2013-12-20
1.3.6.1.4.1.19376.1.5.3.1.4.6		 Allergies And Intolerances	2013-12-20
1.3.6.1.4.1.19376.1.5.3.1.4.5.3		 Allergy and Intolerance Concern	2013-12-20
1.3.6.1.4.1.19376.1.5.3.1.3.13		 Section Allergies and Other Adverse Reactions	2013-12-20
Uses	as	Name	Version
2.16.840.1.113883.3.1937.777.11.10.102	Include	 epSOS CDA author	DYNAMIC

Example

Example

```








<act classCode="ACT" moodCode="EVN">
  <templateId root="2.16.840.1.113883.10.20.1.40"/>
  <templateId root="1.3.6.1.4.1.19376.1.5.3.1.4.2"/>
  <code code="48767-8" displayName="Annotation Comment" codeSystem="2.16.840.1.113883.6.1" codeSystemName="LOINC"/>
  <text>
    <reference value="#comment-2"/>
  </text>
  <statusCode code="completed"/>
  <author>
    <time value=""/>
    <assignedAuthor>
      <id root="" extension=""/>
      <addr/>
      <telecom value="" use=""/>
      <assignedPerson>
        <name/>
      </assignedPerson>
      <representedOrganization>
        <name/>
      </representedOrganization>
    </assignedAuthor>
  </author>
</act>
    
```







There are open issues with this item:




- epsos-issue-99: *Comment Author* (Open)
- epsos-issue-175: *OID for Comment Template* (Open)

Item	DT	Card	Conf	Description	Label
h17:act			R		(Ent...ent)
└ @classCode	cs	1 ... 1	F	ACT	
└ @moodCode	cs	1 ... 1	F	EVN	
└ h17:templateId	II	1 ... 1	R		(Ent...ent)
└ @root	uid	1 ... 1	F	2.16.840.1.113883.10.20.1.40	
└ h17:templateId	II	1 ... 1	R		(Ent...ent)
└ @root	uid	1 ... 1	F	1.3.6.1.4.1.19376.1.5.3.1.4.2	
└ h17:code	CD	1 ... 1	R		(Ent...ent)
└ @code		0 ... 1	F	48767-8	
└ @codeSystem	CONF	0 ... 1	F	2.16.840.1.113883.6.1 (LOINC)	
└ h17:statusCode	CS	1 ... 1	R		(Ent...ent)
└ @code	CONF	0 ... 1	F	completed	
└ h17:text	ED	1 ... 1	R		(Ent...


Item	DT	Card	Conf	Description	Label
					ent)
└ h17:reference	TEL	1 ... 1	M		(Ent...ent)
└ @value		1 ... 1	R	Reference pointing to the narrative, typically #{label}-{generated-id}, e.g. #xxx-1	
Included		0 ... *	R	from 2.16.840.1.113883.3.1937.777.11.10.102 epSOS CDA author (DYNAMIC)	
└ h17:author		0 ... *	R		(Ent...ent)
	 epsos-dataelement-67  Author  epSOS Data Set				
└ @typeCode	cs	0 ... 1	F	AUT	
└ @contextControlCode	cs	0 ... 1	F	OP	
└ h17:functionCode	CE.EPSOS	0 ... 1	R		R1.10.6
	 epsos-dataelement-180  Author Role  epSOS Data Set				
	CONF	The value of @code shall be drawn from value set 1.3.6.1.4.1.12559.11.10.1.3.1.42.1 epSOSHealthcareProfessionalRoles (DYNAMIC)			
└ h17:time	TS.EPSOS.TZ	1 ... 1	R	The author/time element represents the start time of the author's participation in the creation of the clinical document. The author/time element SHALL be present.	(Ent...ent)
└ h17:assignedAuthor		1 ... 1	R		(Ent...ent)
└ @classCode	cs	0 ... 1	F	ASSIGNED	
	Schematron assert	role	 error		
		test	@nullFlavor or h17:assignedPerson or h17:assignedAuthoringDevice		



Item	DT	Card	Conf	Description	Label
		Message		If assignedAuthor has an associated representedOrganization with no assignedPerson or assignedAuthoringDevice, then the value for "ClinicalDocument/author/assignedAuthor/id/@nullFlavor" SHALL be "NA" "Not applicable" 2.16.840.1.113883.5.1008 NullFlavor STATIC.	
└ h17:id	I.EPSOS	1 ... *	R	HP ID number	R1.10.5
	 epsos-dataelement-22  Author Identification  epSOS Data Set				
└ @nullFlavor	cs	0 ... 1	F	NA	
└ h17:code	CE.EPSOS	0 ... 1	R	HP Specialty	R1.10.7
└ h17:addr	AD.EPSOS	1 ... *	R		IHE PCC
└ h17:telecom	TELE.EPSOS	1 ... *	R	Attribute @value SHALL contain a URI if element telecom is used. The URI scheme SHALL be one of URLScheme	IHE PCC / R1.10.8 / R1.10.8.1 / R1.10.8.2
└ @use	set_cs	0 ... 1			
	CONF			The value of @use shall be drawn from value set 1.3.6.1.4.1.12559.11.10.1.3.1.42.40 epSOSTelecomAddress (DYNAMIC)	
Choice		0 ... 1		Elements to choose from: <ul style="list-style-type: none"> h17:assignedPerson h17:assignedAuthoringDevice containing template 2.16.840.1.113883.3.1937.777.11.10.129 CDA Device (DYNAMIC) 	
└ h17:assignedPerson			R		(Ent...ent)

Item	DT	Card	Conf	Description	Label
└ @classCode	cs	0 ... 1	F	PSN	
└ @determinerCode	cs	0 ... 1	F	INSTANCE	
└ h17:name	PN	1 ... 1	R	HP Name	IHE PCC
<div style="background-color: #e0ffe0; padding: 5px;">  epsos-dataelement-19  Author Full Name  epSOS Data Set </div>					
Example	<pre><name> <given>John</given> <family>Español Smith</family> </name></pre>				
└ h17:family		1 ... *	M	HP Family Name/Surname	R1.10.1
<div style="background-color: #e0ffe0; padding: 5px;">  epsos-dataelement-21  Family Name/Surname  epSOS Data Set </div>					
└ h17:given		1 ... *	M	HP Given Name	R1.10.2
<div style="background-color: #e0ffe0; padding: 5px;">  epsos-dataelement-20  Given Name  epSOS Data Set </div>					
└ h17:prefix		0 ... *	R	HP Prefix	R1.10.3
<div style="background-color: #e0ffe0; padding: 5px;">  epsos-dataelement-273  Prefix  epSOS Data Set </div>					
└ h17:suffix		0 ... *	R	HP Suffix	R1.10.4
<div style="background-color: #e0ffe0; padding: 5px;">  epsos-dataelement-274  Suffix  epSOS Data Set </div>					
└ h17:assignedAuthoringDevice			R	Contains 2.16.840.1.113883.3.1937.777.11.10.129 CDA Device (DYNAMIC)	(Ent...ent)

Item	DT	Card	Conf	Description	Label
└ h17:representedOrganization		1 ... 1	R	Contains 2.16.840.1.113883.3.1937.777.11.10.111 epSOS CDA Organization (DYNAMIC)	R1.10.9
 epsos-dataelement-23  Author Healthcare Facility  epSOS Data Set					

7.2.12 External Reference 1.3.6.1.4.1.19376.1.5.3.1.4.4 - 2013-12-20

Id	1.3.6.1.4.1.19376.1.5.3.1.4.4	Effective Date	2013-12-20
Status	 Active	Version Label	
Name	EntryExternalReference	Display Name	External Reference
Description			
<p>CDA Documents may reference information contained in other documents. While CDA Release 2.0 supports references in content via the <linkHtml> element, this is insufficient for many EMR systems as the link is assumed to be accessible via a URL, which is often not the case. In order to link an external reference, one needs the document identifier, and access to the clinical system wherein the document resides. For a variety of reasons, it is desirable to refer to the document by its identity, rather than by linking through a URL.</p> <ol style="list-style-type: none"> 1. The identity of a document does not change, but the URLs used to access it may vary depending upon location, implementation, or other factors. 2. Referencing clinical documents by identity does not impose any implementation specific constraints on the mechanism used to resolve these references, allowing the content to be implementation neutral. For example, in the context of an XDS Affinity domain the clinical system used to access documents would be an XDS Registry and one or more XDS Repositories where documents are stored. In other contexts, access might be through a Clinical Data Repository (CDR), or Document Content Management System (DCMS). Each of these may have different mechanisms to resolve a document identifier to the document resource. 3. The identity of a document is known before the document is published (e.g., in an XDS Repository, Clinical Data Repository, or Document Content Management System), but its URL is often not known. Using the document identity allows references to existing documents to be created before those documents have been published to a URL. This is important to document creators, as it does not impose workflow restrictions on how links are created during the authoring process. <p>Fortunately, CDA Release 2.0 also provides a mechanism to refer to external documents in an entry, as shown below.</p>			
Classification	CDA Entry Level Template		
Open/Closed	Open (other than defined elements are allowed)		
Used by / Uses	Used by 0 transactions and 2 templates, Uses 0 templates		

Used by	as	Name	Version
1.3.6.1.4.1.12559.11.10.1.3.1.2.5	Containment	 Section Coded Results	2013-12-20
1.3.6.1.4.1.12559.11.10.1.3.1.1.3		 epSOS-Patient Summary	2013-12-20

Example

Example

```

<act classCode="ACT" moodCode="EVN">

  <templateId root="1.3.6.1.4.1.19376.1.5.3.1.4.4"/>
  <id root="" extension=""/>
  <code nullFlavor="NA"/>
  <text>

    <reference value="#study-1"/>
  </text>
  <!-- For CDA -->

  <reference typeCode="REFR|SPRT">

    <externalDocument classCode="DOC" moodCode="EVN">

      <id extension="" root=""/>
      <text>

        <reference value="http://foo.."/>
      </text>
    </externalDocument>
  </reference>
  <!-- For HL7 Version 3 Messages <sourceOf typeCode='REFR|SPRT'>

  <act classCode='DOC' moodCode='EVN'>

  <id extension='' root=''/>

  <text><reference value='http://foo...'/></text>

  </act>

  </sourceOf>-->

</act>


```

Item	DT	Card	Conf	Description	Label
h17:act			R		(Ent ...

Item	DT	Card	Conf	Description	Label
					nce)
└ @classCode		1 ... 1	F	ACT	
└ @moodCode		1 ... 1	F	EVN	
└ h17:templateId	II	1 ... 1	R	The <templateId> element identifies this <act> as a reference act, allowing for validation of the content. As a side effect, readers of the CDA can quickly locate and identify reference acts.	(Ent ... nce)
└ @root		1 ... 1	F	1.3.6.1.4.1.19376.1.5.3.1.4.4	
└ h17:id	II.EPSOS	1 ... 1	R	The reference is an act of itself, and must be uniquely identified. If there is no explicit identifier for this act in the source EMR system, a GUID may be used for the root attribute, and the extension may be omitted.	(Ent ... nce)
└ h17:code	CD	1 ... 1	R	The reference act has no code associated with it.	(Ent ... nce)
└ @nullFlavor		1 ... 1	F	NA	
└ h17:text	ED	0 ... 1	R	In order to connect this external reference to the narrative text which it refers, the value of the <reference> element in the <text> element is a URI to an element in the CDA narrative of this document.	(Ent ... nce)
└ h17:reference	TEL	1 ... 1	M		(Ent ... nce)
└ @value		1 ... 1	R	Reference pointing to the narrative, typically #{label}-{generated-id}, e.g. #xxx-1	
└ h17:reference			R	External references are listed as either supporting documentation (typeCode='SPRT') or simply reference material (typeCode='REFR') for the reader. If this distinction is not supported by the source EMR system, the value of typeCode should be REFR. For CDA, the reference is indicated by a <reference> element containing an <externalDocument> element which documents (classCode='DOC') the event (moodCode='EVN'). For HL7 Version 3 Messages, the reference is represented with the element <sourceOf> and the	(Ent ... nce)




























Item	DT	Card	Conf	Description	Label
				external document is represented with a <act> element, however semantics, and attributes remain otherwise without change.	
└ @typeCode	cs	1 ... 1	R		
	CONF			@typeCode shall be "SPRT" or @typeCode shall be "REFR"	
└ h17:externalDocument			R		(Ent ... nce)
└ @classCode		0 ... 1	F	DOC	
└ @moodCode		0 ... 1	F	EVN	
└ h17:id	II.EPSOS	1 ... 1	R	The identifier of the document is supplied in the <id> element.	(Ent ... nce)
└ h17:text	ED	0 ... 1	R	A link to the original document may be provided here. This shall be a URL where the referenced document can be located. For CDA, the link should also be present in the narrative inside the CDA Narrative in a <linkHTML> element.	(Ent ... nce)

7.2.13 Entry Health Status Observation 1.3.6.1.4.1.19376.1.5.3.1.4.1.2 - 2013-12-20

Id	1.3.6.1.4.1.19376.1.5.3.1.4.1.2	Effective Date	2013-12-20
Status	 Active	Version Label	
Name	EntryHealthStatusObservation	Display Name	Entry Health Status Observation

Description

A problem observation may reference a health status observation. This structure is included in the target observation using the <entryRelationship> element defined in the CDA Schema. The health status observation records information about the current health status of the patient. The example below shows the recording the health status, and is used as the context for the following sections.

Context	Parent nodes of template element with id 1.3.6.1.4.1.19376.1.5.3.1.4.1.2			
Classification	CDA Entry Level Template			
Open/Closed	Open (other than defined elements are allowed)			
Associated with	Associated with 2 concepts			
	Id	Name	Data Set	
	epsos-dataelement-227	 Resolution Circumstances	 epSOS Data Set	
epsos-dataelement-175	 Resolution Circumstances	 epSOS Data Set		
Used by / Uses	Used by 0 transactions and 12 templates, Uses 0 templates			
	Used by	as	Name	Version
	1.3.6.1.4.1.19376.1.5.3.1.4.5	Containment	 Problem	2013-12-20
	1.3.6.1.4.1.19376.1.5.3.1.4.12		 Immunizations	2013-12-20
	1.3.6.1.4.1.19376.1.5.3.1.3.23		 Section Immunizations	2013-12-20
	1.3.6.1.4.1.12559.11.10.1.3.1.1.3		 epSOS-Patient Summary	2013-12-20
	1.3.6.1.4.1.12559.11.10.1.3.1.1.4		 epSOS-Health Care Encounter Report	2013-12-20
	1.3.6.1.4.1.12559.11.10.1.3.1.1.5		 epSOS-Medication Related Overview	2013-12-20
	1.3.6.1.4.1.19376.1.5.3.1.4.5.2		 Problem Concern	2013-12-20
	1.3.6.1.4.1.19376.1.5.3.1.3.6		 Section Active Problems	2013-12-20
	1.3.6.1.4.1.19376.1.5.3.1.3.8		 Section History of Past Illness	2013-12-20
	1.3.6.1.4.1.19376.1.5.3.1.4.6		 Allergies And Intolerances	2013-12-20
	1.3.6.1.4.1.19376.1.5.3.1.4.5.3		 Allergy and Intolerance Concern	2013-12-20
1.3.6.1.4.1.19376.1.5.3.1.3.13		 Section Allergies and Other Adverse Reactions	2013-12-20	
Example	<p>Example</p> <pre><observation classCode="OBS" moodCode="EVN"></pre>			

```

<templateId root="2.16.840.1.113883.10.20.1.51"/>
<templateId root="1.3.6.1.4.1.19376.1.5.3.1.4.1.2"/>
<code code="11323-3" displayName="Health Status" codeSystem="2.16.840.1.113883.6.1" codeSystemName="LOINC"/>
<text>






  <reference value="#hstatus-2"/>
</text>
<statusCode code="completed"/>
<value xsi:type="CE" code=" " codeSystem="2.16.840.1.113883.6.96" codeSystemName="SNOMED CT"/>
</observation>
    
```



There is an open issue with this item:

- epsos-issue-184: *displayname and codesystem name are optional* (Open)

Item	DT	Card	Conf	Description	Label
h17:observation					(Ent ... ion)
└ @classCode		0 ... 1	F	OBS	
└ @moodCode		0 ... 1	F	EVN	
└ h17:templateId	II	1 ... 1	R		(Ent ... ion)
└ └ @root		1 ... 1	F	2.16.840.1.113883.10.20.1.51	
└ h17:templateId	II	1 ... 1	R		(Ent ... ion)
└ └ @root		1 ... 1	F	1.3.6.1.4.1.19376.1.5.3.1.4.1.2	
└ h17:code	CD	1 ... 1	R	This observation is of health status, as indicated by the <code> element. This element must be present.	(Ent ... ion)

Item	DT	Card	Conf	Description	Label
└ @code	CONF	0 ... 1	F	11323-3	
└ @displayName		0 ... 1	F	Health Status	
└ @codeSystem		0 ... 1	F	2.16.840.1.113883.6.1 (LOINC)	
└ @codeSystemName		0 ... 1	F	LOINC	
└ h17:text	ED	1 ... 1	M	The <text> element is required and points to the text describing the problem being recorded; including any dates, comments, et cetera. The <reference> contains a URI in value attribute. This URI points to the free text description of the problem in the document that is being described.	(Ent ... ion)
└ h17:reference	TEL	1 ... 1	M		(Ent ... ion)
└ @value		1 ... 1	R	Reference pointing to the narrative, typically #{label}-{generated-id}, e.g. #xxx-1	
└ h17:statusCode	CS	1 ... 1	M	The code attribute of <statusCode> for all clinical status observations shall be completed. While the <statusCode> element is required in all acts to record the status of the act, the only sensible value of this element in this context is completed.	(Ent ... ion)
└ @code	CONF	1 ... 1	F	completed	
└ h17:value	CE.EPSOS	1 ... 1	R	The <value> element contains the health status. It is always represented using the CE datatype (xsi:type='CE'). It shall contain a code from the following set of values from SNOMED CT.	(Ent ... ion)
<div style="display: flex; justify-content: space-between; align-items: flex-start;"> <div style="width: 30%;"> <p> epsos-dataelement-227</p> <p>epsos-dataelement-175</p> </div> <div style="width: 30%;"> <p> Resolution Circumstances</p> <p> Resolution Circumstances</p> </div> <div style="width: 30%;"> <p> epSOS Data Set</p> <p> epSOS Data Set</p> </div> </div>					

Item	DT	Card	Conf	Description	Label
	CONF			The value of @code shall be drawn from value set 1.3.6.1.4.1.12559.11.10.1.3.1.42.30 <i>epSOSResolutionOutcome</i> (DYNAMIC)	

7.2.14 ● Immunization Material 2.16.840.1.113883.3.1937.777.11.10.145 - 2013-12-20

Id	2.16.840.1.113883.3.1937.777.11.10.145		Effective Date	2013-12-20
Status	● Active		Version Label	
Name	EntryImmunizationMaterial		Display Name	Immunization Material
Classification	CDA Entry Level Template			
Open/Closed	Open (other than defined elements are allowed)			
Associated with	Associated with 2 concepts			
	Id	Name	Data Set	
	epsos-dataelement-168	● Vaccine brand name	● epSOS Data Set	
epsos-dataelement-170	● Vaccine code	● epSOS Data Set		
Used by / Uses	Used by 0 transactions and 6 templates, Uses 0 templates			
	Used by	as	Name	Version
	1.3.6.1.4.1.19376.1.5.3.1.4.7.2	Include	● Immunization Product	2013-12-20
	1.3.6.1.4.1.19376.1.5.3.1.4.12	●	● Immunizations	2013-12-20
	1.3.6.1.4.1.19376.1.5.3.1.3.23	●	● Section Immunizations	2013-12-20
	1.3.6.1.4.1.12559.11.10.1.3.1.1.3	●	● epSOS-Patient Summary	2013-12-20
	1.3.6.1.4.1.12559.11.10.1.3.1.1.4	●	● epSOS-Health Care Encounter Report	2013-12-20
1.3.6.1.4.1.12559.11.10.1.3.1.1.5	●	● epSOS-Medication Related Overview	2013-12-20	
Relationship	Specialization: template 2.16.840.1.113883.10.12.311 (2005-09-07)			



There is an open issue with this item:

- epsos-issue-223: *fix cardinality* (Open)

Item	DT	Card	Conf	Description	Label
h17:manufacturedMaterial		0 ... 1	R		(Ent...ial)
└ @classCode	cs	0 ... 1	F	MMAT	
└ @determinerCode	cs	0 ... 1	F	KIND	
└ h17:code	CE	1 ... 1	R		(Ent...ial)
	<div style="display: flex; justify-content: space-between; align-items: center;"> epsos-dataelement-170 Vaccine code epSOS Data Set </div>				
	<div style="border: 1px solid gray; padding: 2px;"> CONF The value of @code shall be drawn from value set 1.3.6.1.4.1.12559.11.10.1.3.1.42.28 <i>epSOSVaccine</i> (DYNAMIC) </div>				
└ h17:originalText	ED	1 ... 1	R		(Ent...ial)
└ h17:name	EN	1 ... 1	R		(Ent...ial)
	<div style="display: flex; justify-content: space-between; align-items: center;"> epsos-dataelement-168 Vaccine brand name epSOS Data Set </div>				

7.2.15 Immunization Product 1.3.6.1.4.1.19376.1.5.3.1.4.7.2 - 2013-12-20











Id	1.3.6.1.4.1.19376.1.5.3.1.4.7.2	Effective Date	2013-12-20
Status	Active	Version Label	
Name	EntryImmunizationProduct	Display Name	Immunization Product
Description			

The product entry describes an immunization used in a <substanceAdministration> act. It adopts the constraints of the ASTM/HL7 Continuity of Care Document.

In a CDA document, the name and strength of the immunization administered are specified in the elements under the <manufacturedMaterial> element. The templateId elements are required and identify this as a product entry.

The <code> element of the <manufacturedMaterial> describes the vaccine. The values for the code attribute come from the epSOSVaccine value set (OID 1.3.6.1.4.1.12559.11.10.1.3.1.42.28). The code system is SNOMED CT (codeSystem OID 2.16.840.1.113883.6.96). The <originalText> shall contain a <reference> whose URI value points to the generic name and strength of the medication, or just the generic name alone if strength is not relevant. **Note:** When the text is supplied from the narrative, the implication is that if you supply the components of a combination vaccine in an entry, you must also display these in the narrative text, otherwise you would not be able to break the combination vaccine down into its component parts. This is entirely consistent with the CDA Release 2.0 requirements that the narrative supply the necessary and relevant human readable information content.

The <name> element should contain the name of the vaccine (or active ingredient in the case of subordinate <substanceAdministration> elements used to record components of a vaccine). Note that the brand name should be represented as a translation of the code element.

Classification	CDA Entry Level Template			
Open/Closed	Open (other than defined elements are allowed)			
Used by / Uses	Used by 0 transactions and 5 templates, Uses 1 template			
	Used by	as	Name	Version
	1.3.6.1.4.1.19376.1.5.3.1.4.12	Containment	 Immunizations	2013-12-20
	1.3.6.1.4.1.19376.1.5.3.1.3.23		 Section Immunizations	2013-12-20
	1.3.6.1.4.1.12559.11.10.1.3.1.1.3		 epSOS-Patient Summary	2013-12-20
	1.3.6.1.4.1.12559.11.10.1.3.1.1.4		 epSOS-Health Care Encounter Report	2013-12-20
	1.3.6.1.4.1.12559.11.10.1.3.1.1.5		 epSOS-Medication Related Overview	2013-12-20
Uses	as	Name	Version	
2.16.840.1.113883.3.1937.777.11.10.145	Include	 Immunization Material	DYNAMIC	
Relationship	Specialization: template 2.16.840.1.113883.10.12.312 (2005-09-07)			
Example	<p>Example</p> <pre><manufacturedProduct> <templateId root="1.3.6.1.4.1.19376.1.5.3.1.4.7.2"/> <templateId root="2.16.840.1.113883.10.20.1.53"/> <manufacturedMaterial></pre>			

```

<code code="" displayName="" codeSystem="" codeSystemName="">
  <originalText>
    <reference value=""/>
  </originalText>
</code>
<name/>
</manufacturedMaterial>
</manufacturedProduct>

```



There is an open issue with this item:












- epsos-issue-222: fix cardinality (In Progress)

Item	DT	Card	Conf	Description	Label
h17:manufacturedProduct		0 ... 1	R		(Ent...uct)
└ @classCode	cs	0 ... 1	F	MANU	
└ h17:templateId	II.EPSOS	1 ... 1	R		(Ent...uct)
└ @root	uid	1 ... 1	F	1.3.6.1.4.1.19376.1.5.3.1.4.7.2	
└ h17:templateId	II.EPSOS	1 ... 1	R		(Ent...uct)
└ @root	uid	1 ... 1	F	2.16.840.1.113883.10.20.1.53	
<i>Included</i>		1 ... 1		from 2.16.840.1.113883.3.1937.777.11.10.145 <i>Immunization Material (DYNAMIC)</i>	
└ h17:manufacturedMaterial		1 ... 1	R		(Ent...uct)
└ @classCode	cs	0 ... 1	F	MMAT	
└ @determinerCode	cs	0 ... 1	F	KIND	

Item	DT	Card	Conf	Description	Label
└ h17:code	CE	1 ... 1	R		(Ent...uct)
<div style="display: flex; justify-content: space-between; align-items: center;"> epsos-dataelement-170 Vaccine code epSOS Data Set </div>					
<div style="border: 1px solid gray; padding: 2px;"> CONF The value of @code shall be drawn from value set 1.3.6.1.4.1.12559.11.10.1.3.1.42.28 <i>epSOSVaccine</i> (DYNAMIC) </div>					
└ h17:originalText	ED	1 ... 1	R		(Ent...uct)
└ h17:name	EN	1 ... 1	R		(Ent...uct)
<div style="display: flex; justify-content: space-between; align-items: center;"> epsos-dataelement-168 Vaccine brand name epSOS Data Set </div>					

7.2.16 Immunizations 1.3.6.1.4.1.19376.1.5.3.1.4.12 - 2013-12-20

Id	1.3.6.1.4.1.19376.1.5.3.1.4.12	Effective Date	2013-12-20
Status	Active	Version Label	
Name	EntryImmunizations	Display Name	Immunizations
Description	An immunizations entry is used to record the patient's immunization history.		
Context	Parent nodes of template element with id 1.3.6.1.4.1.19376.1.5.3.1.4.12		
Classification	CDA Entry Level Template		
Open/Closed	Open (other than defined elements are allowed)		
Associated with	Associated with 2 concepts		
	Id	Name	Data Set
	epsos-dataelement-169	Vaccination date	epSOS Data Set
epsos-dataelement-171	Vaccine description	epSOS Data Set	

Used by / Uses	Used by 0 transactions and 4 templates, Uses 4 templates			
	Used by	as	Name	Version
Example	Example			
	<pre> <substanceAdministration typeCode="SBADM" moodCode="EVN" negationInd="true{!}false"> <templateId root="2.16.840.1.113883.10.20.1.24"/> <templateId root="1.3.6.1.4.1.19376.1.5.3.1.4.12"/> <id root="" extension=""/> <code code="IMMUNIZ" codeSystem="1.3.5.1.4.1.19376.1.5.3.2" codeSystemName="IHEActCode"/> <text> <reference value="#xxx"/> </text> <statusCode code="completed"/> <effectiveTime value=""/> <!-- The reasonCode would normally provide a reason why the immunization was not performed. It isn't supported by CDA R2, and so comments will have to suffice. <reasonCode code='' codeSystem='' codeSystemName='ActNoImmunizationReasonIndicator' /> --> <routeCode code="" codeSystem="" codeSystemName="RouteOfAdministration"/> <doseQuantity value="" units=""/> <consumable typeCode="CSM"> </pre>			
	1.3.6.1.4.1.19376.1.5.3.1.3.23	Containment	 Section Immunizations	2013-12-20
	1.3.6.1.4.1.12559.11.10.1.3.1.1.3		 epSOS-Patient Summary	2013-12-20
	1.3.6.1.4.1.12559.11.10.1.3.1.1.4		 epSOS-Health Care Encounter Report	2013-12-20
	1.3.6.1.4.1.12559.11.10.1.3.1.1.5		 epSOS-Medication Related Overview	2013-12-20
	Uses	as	Name	Version
	1.3.6.1.4.1.19376.1.5.3.1.4.7.2	Containment	 Immunization Product	DYNAMIC
	2.16.840.1.113883.10.20.1.46	Containment	 Position Of Vaccination	DYNAMIC
	1.3.6.1.4.1.19376.1.5.3.1.4.5	Containment	 Problem	DYNAMIC
1.3.6.1.4.1.19376.1.5.3.1.4.2	Containment	 Comment	DYNAMIC	

```

<manufacturedProduct classCode="MANU">
  <manufacturedMaterial classCode="MMAT" determinerCode="KIND">
    <code code="" codeSystem="" codeSystemName="">
      <originalText>
        <reference value="#yyy"/>
      </originalText>
    </code>
  </manufacturedMaterial>
</manufacturedProduct>
</consumable>
<!-- An optional entry relationship that provides prescription activity -->

<entryRelationship typeCode="REFR">
  <templateId root="1.3.6.1.4.1.19376.1.5.3.1.4.7.3"/>
  <!-- ... -->
</entryRelationship>
<!-- An optional entry relationship that identifies the immunization series number -->

<entryRelationship typeCode="SUBJ">
  <observation classCode="OBS" moodCode="EVN">
    <templateId root="2.16.840.1.113883.10.20.1.46"/>
    <code code="30973-2" displayName="Dose Number" codeSystem="2.16.840.1.113883.6.1" codeSystemName="LOINC"/>
    <statusCode code="completed"/>
    <value xsi:type="INT" value=""/>
  </observation>
</entryRelationship>
<entryRelationship inversionInd="false" typeCode="CAUS">
  <observation classCode="OBS" moodCode="EVN">
    <templateId root="2.16.840.1.113883.10.20.1.28"/>
    <templateId root="1.3.6.1.4.1.19376.1.5.3.1.4.5"/>
    <templateId root="2.16.840.1.113883.10.20.1.54"/>
    <id root="" extension=""/>
  </observation>
</entryRelationship>
<!-- Optional <entryRelationship> element containing comments -->
</substanceAdministration>







```



There is an open issue with this item:

- [epsos-issue-64: Assign an epSOS specific template ID \(Open\)](#)












Item	DT	Card	Conf	Description	Label
h17:substanceAdministration			R	An immunization is a substance administration event. An immunization entry may be a record of why a specific immunization was not performed. In this case, negationInd shall be set to "true", otherwise, it shall be false.	(Ent ... ons)
└ @classCode	cs	1 ... 1	F	SBADM	
└ @moodCode	cs	1 ... 1	F	EVN	
└ @negationInd	bl	1 ... 1	R		
└ h17:templateId	II	1 ... 1	M		(Ent ... ons)
└└ @root	uid	1 ... 1	F	1.3.6.1.4.1.19376.1.5.3.1.4.12	
└ h17:templateId	II	1 ... 1	M		(Ent ... ons)
└└ @root	uid	1 ... 1	F	2.16.840.1.113883.10.20.1.24	
└ h17:id	II.EPSOS	1 ... 1	M		(Ent ... ons)
└ h17:code	CD.EPSOS	1 ... 1	M	This required element records that the act was an immunization. The substance administration act must have a <code> element with code and codeSystem attributes present. If no coding system is used by the source, then simply record the code exactly as shown above. This <code> element shall not be used to record the type of vaccine used from a vocabulary of drug names.	(Ent ... ons)
				codeSystem codeSystemName Description	

Item	DT	Card	Conf	Description	Label
				1.3.5.1.4.1.19376.1.5.3.2 IHEActCode	The IMMUNIZ term from the IHE ActCode vocabulary.
└ @code	CONF	1 ... 1	F	IMMUNIZ	
└ @codeSystem		1 ... 1	F	1.3.5.1.4.1.19376.1.5.3.2 (IHEActCode)	
└ h17:text	ED	1 ... 1	R	The URI given in the value attribute of the <reference> element points to an element in the narrative content that contains the complete text describing the immunization activity.	(Ent ... ons)
 epsos-dataelement-171  Vaccine description  epSOS Data Set					
└ h17:reference	TEL	1 ... 1	M		(Ent ... ons)
└ @value		1 ... 1	R	Reference pointing to the narrative, typically #{label}-{generated-id}, e.g. #xxx-1	
└ h17:statusCode	CS	1 ... 1	R	The statusCode shall be set to "completed" for all immunizations.	(Ent ... ons)
└ @code	CONF	0 ... 1	F	completed	
└ h17:effectiveTime		1 ... 1	R	The effectiveTime element shall be present and should contain a time value that indicates the date of the substance administration. If the date is unknown, this shall be recorded using the nullFlavor attribute, with the reason that the information is unknown being specified. Otherwise, the date shall be recorded, and should have precision of at least the day.	(Ent ... ons)
 epsos-dataelement-169  Vaccination date  epSOS Data Set					

Item	DT	Card	Conf	Description	Label
└ h17:routeCode	CE	0 ... 1	R	See routeCode under the Medication Item Entry Content module.	(Ent ... ons)
└ h17:doseQuantity	IVL_PQ	0 ... 1	R	See doseQuantity under the Medication Item Entry Content module.	(Ent ... ons)
└ h17:consumable		1 ... 1	R	The <consumable> element shall be present, and shall contain a <manufacturedElement> element, conforming to the Product Entry Content Module template. Contains 1.3.6.1.4.1.19376.1.5.3.1.4.7.2 <i>Immunization Product</i> (DYNAMIC)	(Ent ... ons)
where [hl7:manufacturedProduct [hl7:templateId [@root = '1.3.6.1.4.1.19376.1.5.3.1.4.7.2']] and hl7:templateId [@root = '2.16.840.1.113883.10.20.1.53']]					
└ @typeCode	cs	1 ... 1	F	CSM	
└ h17:entryRelationship		0 ... 1	R	This optional entry relationship may be present to indicate that position of this immunization in a series of immunizations. The <code> element shall be present and must be recorded with the code and codeSystem attributes shown above. This element indicates that the observation describes the dose number for the immunization. The <statusCode> element shall be present, and must be recorded exactly as shown above. This element indicates that the observation has been completed. The <value> element shall be present, and shall indicate the immunization series number in the value attribute. Contains 2.16.840.1.113883.10.20.1.46 <i>Position Of Vaccination</i> (DYNAMIC)	(Ent ... ons)
where [hl7:observation [hl7:templateId [@root = '2.16.840.1.113883.10.20.1.46']]]					
Example		<pre> <entryRelationship typeCode="SUBJ"> <observation classCode="OBS" moodCode="EVN"> <templateId root="2.16.840.1.113883.10.20.1.46"/> <code code="30973-2" displayName="Dose Number" codeSystem="2.16.840.1.113883.6.1" codeSystemName="LOINC"/> <statusCode code="completed"/> </pre>			

Item	DT	Card	Conf	Description	Label
				<pre><value xsi:type="INT" value=" " /> </observation> </entryRelationship></pre>	
└ h17:entryRelationship		0 ... *	R	<p>This repeatable element should be used to identify adverse reactions caused by the immunization. The <observation> element provides a pointer to the adverse reaction caused by the immunization. The template IDs describe that it points to a conforming Problem Entry Content Module that also conform to the CCD Reaction template.</p> <p>The <id> element is required, and gives the identifier of the adverse reaction. The adverse reaction pointed to by this element shall be described in more detail using the Allergies entry, elsewhere in the document where the Allergies and Intolerances section is found.</p> <p>Contains 1.3.6.1.4.1.19376.1.5.3.1.4.5 <i>Problem</i> (DYNAMIC)</p>	(Ent ... ons)
where [hl7:observation [hl7:templateId [@root = '1.3.6.1.4.1.19376.1.5.3.1.4.5']] and hl7:templateId [@root = '2.16.840.1.113883.10.20.1.28']]]					
	Example			<pre><entryRelationship inversionInd="false" typeCode="CAUS"> <observation classCode="OBS" moodCode="EVN"> <templateId root="2.16.840.1.113883.10.20.1.28"/> <templateId root="1.3.6.1.4.1.19376.1.5.3.1.4.5"/> <id root=" " extension=" " /> </observation> </entryRelationship></pre>	
└ h17:entryRelationship		0 ... *	R	<p>An immunization entry can have negationInd set to true to indicate that an immunization did not occur. In this case, it shall have at least one comment that provides an explanation for why the immunization did not take place. Other comments may also be present.</p> <p>Contains 1.3.6.1.4.1.19376.1.5.3.1.4.2 <i>Comment</i> (DYNAMIC)</p>	(Ent ... ons)
where [hl7:act [hl7:templateId [@root = '2.16.840.1.113883.10.20.1.40']] and hl7:templateId [@root = '1.3.6.1.4.1.19376.1.5.3.1.4.2']]]					








7.2.17 Internal Reference 1.3.6.1.4.1.19376.1.5.3.1.4.4.1 - 2013-12-20

Id	1.3.6.1.4.1.19376.1.5.3.1.4.4.1	Effective Date	2013-12-20		
Status	 Active	Version Label			
Name	EntryInternalReference	Display Name	Internal Reference		
Description	CDA and HL7 Version 3 Entries may reference (point to) information contained in other entries within the same document or message as shown below.				
Classification	CDA Entry Level Template				
Open/Closed	Open (other than defined elements are allowed)				
Used by / Uses	Used by 0 transactions and 5 templates, Uses 0 templates				
	Used by	as	Name		
	1.3.6.1.4.1.19376.1.5.3.1.4.19	Containment	 Procedure		
	1.3.6.1.4.1.12559.11.10.1.3.1.2.5 		 Section Coded Results		
	1.3.6.1.4.1.12559.11.10.1.3.1.1.3 		 epSOS-Patient Summary		
	1.3.6.1.4.1.19376.1.5.3.1.3.12 		 Section Coded List of Surgeries		
1.3.6.1.4.1.12559.11.10.1.3.1.1.4 		 epSOS-Health Care Encounter Report			
Example	<p>Example</p> <pre><act classCode="ACT" moodCode=""> <templateId root="1.3.6.1.4.1.19376.1.5.3.1.4.4.1"/> <id root="" extension=""/> <code code="" displayName="" codeSystem="" codeSystemName=""/> </act></pre>				
	<p>There is an open issue with this item:</p> <ul style="list-style-type: none"> epsos-issue-214: <i>Base Standard Validation</i> (Open) 				
Item	DT	Card	Conf	Description	Label
h17:act			R		(Ent ... nce)

Item	DT	Card	Conf	Description	Label
└ @classCode		1 .. 1	F	ACT	
└ @moodCode		1 .. 1	R	The @moodCode of the reference SHALL match the @moodCode of the referenced element	
	Variable let	Name	refMoodCode		
		Value	@moodCode		
	Variable let	Name	refID		
		Value	concat(hl7:id[1]/@root,'#',hl7:id[1]/@extension)		
	Variable let	Name	refCode		
		Value	concat(hl7:code[1]/@code,'#',hl7:code[1]/@codeSystem)		
	Variable let	Name	reffedObject		
		Value	(ancestor::hl7:ClinicalDocument/*:id[concat(@root,'#',@extension)=\$refID][not(preceding-sibling::hl7:templateId/@root='1.3.6.1.4.1.19376.1.5.3.1.4.4.1')]/parent::*)[1]		
	Schematron assert	role	error		
		test	not(exists(\$reffedObject)) or \$reffedObject[@moodCode=\$refMoodCode]		
		Message	The @moodCode of the reference SHALL match the @moodCode of the referenced element		
	Schematron assert	role	error		
		test	exists(\$reffedObject)		
		Message	The root and extension attributes SHALL identify an element defined elsewhere in the same document.		
	Schematron assert	role	error		
		test	not(exists(\$reffedObject)) or (\$reffedObject[not(*:code/@code)] and hl7:code[@nullFlavor='NA']) or \$reffedObject/*:code[concat(@code,'#',@codeSystem)=\$refCode]		
		Message	The code of the reference SHALL match the code of the referenced element		
└ hl7:templateId	II	1 .. 1	R	The <templateId> element identifies this as an internal reference that conforms to all rules specified in this section.	(Ent ... nce)
└ @root		1 .. 1	F	1.3.6.1.4.1.19376.1.5.3.1.4.4.1	

Item	DT	Card	Conf	Description	Label
└ h17:id	IIEPSOS	1 ... 1	R	This element shall be present. The root and extension attributes shall identify an element defined elsewhere in the same document.	(Ent ... nce)
└ h17:code	CD	1 ... 1	R	This element shall be present. It shall be valued when the internal reference is to element that has a <code> element, and shall have the same attributes as the <code> element in the act it references. If the element it references does not have a <code> element, then the nullFlavor attribute should be set to "NA".	(Ent ... nce)
└ @nullFlavor		0 ... 1	F	NA	

7.2.18 Medical Devices 1.3.6.1.4.1.12559.11.10.1.3.1.3.5 - 2013-12-20

Id	1.3.6.1.4.1.12559.11.10.1.3.1.3.5	Effective Date	2013-12-20
Status	 Active	Version Label	
Name	EntryMedicalDevices	Display Name	Medical Devices
Description	The medical devices entry content module describes the kind of device that is, or has been used by the patient		
Context	Parent nodes of template element with id 1.3.6.1.4.1.12559.11.10.1.3.1.3.5		
Classification	CDA Entry Level Template		
Open/Closed	Open (other than defined elements are allowed)		
Associated with	Associated with 3 concepts		
	Id	Name	Data Set
	epsos-dataelement-89	 Device Code	 epSOS Data Set
	epsos-dataelement-90	 Implant Date	 epSOS Data Set
epsos-dataelement-88	 Medical Devices and Implants Description	 epSOS Data Set	
Used by / Uses	Used by 0 transactions and 3 templates, Uses 0 templates		
	Used by	as	Name

1.3.6.1.4.1.12559.11.10.1.3.1.2.4	Containment		Section Medical Devices Coded	2013-12-20
1.3.6.1.4.1.12559.11.10.1.3.1.1.3			epSOS-Patient Summary	2013-12-20
1.3.6.1.4.1.12559.11.10.1.3.1.1.4			epSOS-Health Care Encounter Report	2013-12-20

Example

Example







```
<supply moodCode="EVN" classCode="SPLY">
  <templateId root="1.3.6.1.4.1.12559.11.10.1.3.1.3.5"/>
  <id root="2.16.840.1.113883.19.811.3"/>
  <text>
    <reference value="#DevDescr"/>
  </text>
  <effectiveTime value="20070728"/>
  <participant typeCode="DEV">
    <participantRole classCode="MANU">
      <id root=""/>
      <playingDevice classCode="DEV" determinerCode="INSTANCE">
        <code code="" codeSystem=""/>
      </playingDevice>
    </participantRole>
  </participant>
  <!-- ... -->
</supply>
```






There are open issues with this item:

- epsos-issue-134: *No devices example* (Open)
- epsos-issue-239: *Modify effectiveTime element for Medical Device template* (Feedback needed)








Item	DT	Card	Conf	Description	Label
h17:supply			R	The <supply> element shall be present. The moodCode attribute shall be EVN to reflect that a medical device has been provided.	(Ent ... ces)
└ @classCode	cs	1 ... 1	F	SPLY	

Item	DT	Card	Conf	Description	Label
└ @moodCode	cs	1 ... 1	F	EVN	
└ h17:templateId	II	1 ... 1	R	The template ID indicates that this content module describes a medical device.	(Ent ... ces)
└ @root	uid	1 ... 1	F	1.3.6.1.4.1.12559.11.10.1.3.1.3.5	
└ h17:id	II	0 ... *	R	This optional element identifies the provision of the device.	(Ent ... ces)
└ h17:code	CD	0 ... 1	R		(Ent ... ces)
└ h17:text	ED	0 ... 1	R	The <text> element references the part of the section narrative, which contains the description of the device.	(Ent ... ces)
 epsos-dataelement-88  Medical Devices and Implants Description  epSOS Data Set					
└ h17:reference	TEL	1 ... 1	M		(Ent ... ces)
└ @value		1 ... 1	R	Reference pointing to the narrative, typically #{label}-{generated-id}, e.g. #xxx-1	
└ h17:effectiveTime	TS	1 ... *	R	The <effectiveTime> element denotes the date and time the device was provided to the patient. For an implanted device, that is the date and time of implantation.	(Ent ... ces)
 epsos-dataelement-90  Implant Date  epSOS Data Set					
Example	Time Stamp <pre><effectiveTime value="20070728"/></pre>				

Item	DT	Card	Conf	Description	Label
└ h17:participant		1 ... *	R	The device is represented as a participant in the supply structure. The following descriptions apply to the device structure.	(Ent ... ces)
└ @typeCode	cs	1 ... 1	F	DEV	
	Example	<pre> <participant typeCode="DEV"> <participantRole classCode="MANU"> <id root=""/> <playingDevice classCode="DEV" determinerCode="INSTANCE"> <code code="" codeSystem=""/> <!-- ... --> </playingDevice> </participantRole> </participant> </pre>			
└ h17:participantRole		1 ... 1	R		(Ent ... ces)
└ @classCode	cs	1 ... 1	F	MANU	
└ h17:id		0 ... *	R	The device ID is represented by the <id> element of the participant role. This element is optional, as not all device identifiers (serial numbers) may be known to the provider or patient.	(Ent ... ces)
└ h17:playingDevice		1 ... 1	R	The <playingDevice> element describes the device instance. The class code shall contain the value of "DEV", and the determiner code shall contain "INSTANCE".	(Ent ... ces)
└ @classCode	cs	1 ... 1	F	DEV	
└ @determinerCode	cs	1 ... 1	F	INSTANCE	

Item	DT	Card	Conf	Description	Label
<code>h17:code</code>		1 ... 1	R	The device code describes the type of device (e.g. arm prosthesis, arterial stent). It shall contain codes from the epSOSMedicalDevices value set OID 1.3.6.1.4.1.12559.11.10.1.3.1.42.8.	(Ent ... ces)
 epsos-dataelement-89  Device Code  epSOS Data Set					
CONF The value of @code shall be drawn from value set 1.3.6.1.4.1.12559.11.10.1.3.1.42.8 epSOSMedicalDevices (DYNAMIC)					

7.2.19 Entry Medication FulFillment Instructions 1.3.6.1.4.1.19376.1.5.3.1.4.3.1 - 2013-12-20

Id	1.3.6.1.4.1.19376.1.5.3.1.4.3.1	Effective Date	2013-12-20
Status	 Active	Version Label	
Name	EntryMedicationFulFillmentInstructions	Display Name	Entry Medication FulFillment Instructions
Description			
Any medication may be the subject of further instructions to the pharmacist, for example to indicate that it should be labeled in Spanish, et cetera. This structure is included in the target substance administration or supply act using the element defined in the CDA Schema. The figure below is an example of recording an instruction for an , and is used as context for the sections to follow.			
Context	Parent nodes of template element with id 1.3.6.1.4.1.19376.1.5.3.1.4.3.1		
Classification	CDA Entry Level Template		
Open/Closed	Open (other than defined elements are allowed)		
Used by 0 transactions and 8 templates, Uses 0 templates			
Used by / Uses	Used by	as	Name
	1.3.6.1.4.1.12559.11.10.1.3.1.3.2	Containment 	epSOS CDA substanceAdministration 2013-12-20
	1.3.6.1.4.1.12559.11.10.1.3.1.2.1	 	Section Prescription 2013-12-20
	1.3.6.1.4.1.12559.11.10.1.3.1.1.1	 	epSOS-ePrescription 2013-12-20
	1.3.6.1.4.1.12559.11.10.1.3.1.3.4	Containment 	Medication Item 2013-12-20

1.3.6.1.4.1.12559.11.10.1.3.1.2.3 	 Section Medication Summary	2013-12-20
1.3.6.1.4.1.12559.11.10.1.3.1.1.3 	 epSOS-Patient Summary	2013-12-20
1.3.6.1.4.1.12559.11.10.1.3.1.1.4 	 epSOS-Health Care Encounter Report	2013-12-20
1.3.6.1.4.1.12559.11.10.1.3.1.1.5 	 epSOS-Medication Related Overview	2013-12-20

Example

```

<act classCode="ACT" moodCode="INT">

  <templateId root="2.16.840.1.113883.10.20.1.43"/>
  <templateId root="1.3.6.1.4.1.19376.1.5.3.1.4.3.1"/>
  <code code="FINSTRUCT" codeSystem="1.3.6.1.4.1.19376.1.5.3.2" codeSystemName="IHEActCode"/>
  <text>

    <reference value="#comment-2"/>
  </text>
  <statusCode code="completed"/>
</act>
    
```

There are open issues with this item:









- epsos-issue-226: *fix cardinality of status code* (In Progress)
- epsos-issue-281: *Change the cardinality of @classCode and @moodCode to 1..1* (Open)

Item	DT	Card	Conf	Description	Label
h17:act					(Ent ... ons)
└ @classCode	cs	0 ... 1	F	ACT	
└ @moodCode	cs	0 ... 1	F	INT	
└ h17:templateId	II.EPSOS	1 ... 1	M	(CCD)	(Ent ... ons)
└ @root	uid	1 ... 1	F	2.16.840.1.113883.10.20.1.43	

Item	DT	Card	Conf	Description	Label	
└ h17:templateId	IHE.EPSOS	1 ... 1	M	(IHE PCC)	(Ent ... ons)	
└ @root	uid	1 ... 1	F	1.3.6.1.4.1.19376.1.5.3.1.4.3.1		
└ h17:code	CD.EPSOS	0 ... 1	R	The element indicates that this is a medication fulfilment instruction.	(Ent ... ons)	
└ @code		0 ... 1	F	FINSTRUCT		
└ @codeSystem	CONF	0 ... 1	F	1.3.6.1.4.1.19376.1.5.3.2 (IHEActCode Vocabulary)		
└ @codeSystemName		0 ... 1	F	IHEActCode		
└ h17:text	ED	0 ... 1	R	The element contains a free text representation of the instruction. For CDA this SHALL 1520 contain a element to the link text of the comment in the narrative portion of the document. The comment itself is not the act being coded, so it appears in the of the , not as part of the .	(Ent ... ons)	
└ h17:reference		0 ... 1	R	The URI given in the value attribute of the element points to an element in the narrative content that contains the complete text describing the medication. In a CDA document, the URI given in the value attribute of the element points to an element in the narrative content that contains the complete text describing the medication.	(Ent ... ons)	
	Example	<code><reference value="#eP_as_text"/></code>				
└ h17:statusCode	CS	1 ... 1	M	The code attribute of for all comments must be completed.	(Ent ... ons)	
└ @code	CONF	1 ... 1	F	completed		


7.2.20 Position Of Vaccination 2.16.840.1.113883.10.20.1.46 - 2013-12-20

Id	2.16.840.1.113883.10.20.1.46	Effective Date	2013-12-20
Status	 Active	Version Label	
Name	EntryPositionOfVaccination	Display Name	Position Of Vaccination
Context	Parent nodes of template element with id 2.16.840.1.113883.10.20.1.46		
Classification	CDA Entry Level Template		
Open/Closed	Open (other than defined elements are allowed)		
Used by / Uses	Used by 0 transactions and 5 templates, Uses 0 templates		
	Used by	as	Name
	1.3.6.1.4.1.19376.1.5.3.1.4.12	Containment 	Immunizations
	1.3.6.1.4.1.19376.1.5.3.1.3.23		Section Immunizations
	1.3.6.1.4.1.12559.11.10.1.3.1.1.3		epSOS-Patient Summary
	1.3.6.1.4.1.12559.11.10.1.3.1.1.4		epSOS-Health Care Encounter Report
	1.3.6.1.4.1.12559.11.10.1.3.1.1.5		epSOS-Medication Related Overview

Item	DT	Card	Conf	Description	Label
h17:observation			R		(Ent...ion)
└ @classCode		0 ... 1	F	OBS	
└ @moodCode		0 ... 1	F	EVN	
└ h17:templateId	II	1 ... 1	R		(Ent...ion)
└ @root		1 ... 1	F	2.16.840.1.113883.10.20.1.46	



Item	DT	Card	Conf	Description	Label
└ h17:code	CD	1 ... 1	R		(Ent...ion)
└ @code	CONF	0 ... 1	F	30973-2	
└ @codeSystem		0 ... 1	F	2.16.840.1.113883.6.1 (LOINC)	
└ h17:statusCode	CS	1 ... 1	R		(Ent...ion)
└ @code	CONF	0 ... 1	F	completed	
└ h17:value	INT	1 ... *	R		(Ent...ion)

7.2.21 Pregnancy Observation 1.3.6.1.4.1.19376.1.5.3.1.4.13.5 - 2013-12-20

Id	1.3.6.1.4.1.19376.1.5.3.1.4.13.5	Effective Date	2013-12-20
Status	 Active	Version Label	
Name	EntryPregnancyObservation	Display Name	Pregnancy Observation
Description			
A pregnancy observation is a Simple Observation that uses a specific vocabulary to record observations about a patient's pregnancy history.			
The parent of this template is Simple Observation . This template is compatible with the ASTM/HL7 Continuity of Care Document template: 2.16.840.1.113883.10.20.1.33			
Context	Parent nodes of template element with id 1.3.6.1.4.1.19376.1.5.3.1.4.13.5		
Classification	CDA Entry Level Template		
Open/Closed	Open (other than defined elements are allowed)		
Associated with	Associated with 1 concept		

















	Id	Name	Data Set		
Used by / Uses	epsos-dataelement-116	 Expected date of delivery	 epSOS Data Set		
Used by 0 transactions and 4 templates, Uses 0 templates					
Relationship	Specialization: template 2.16.840.1.113883.10.20.1.33 (DYNAMIC)				
Example	<p>Example</p> <pre> <observation typeCode="OBS" moodCode="EVN"> <templateId root="1.3.6.1.4.1.19376.1.5.3.1.4.13"/> <templateId root="1.3.6.1.4.1.19376.1.5.3.1.4.13.5"/> <id root=" " extension=" " /> <code code="11778-8" codeSystem="2.16.840.1.113883.6.1" displayName="Delivery date estimated (clinical)" codeSystemName="LOINC"/> <text> <reference value="#xxx"/> </text> <statusCode code="completed"/> <effectiveTime value="20150819"/> <value xsi:type="TS" value="20160414"/> </observation> </pre>				
There are open issues with this item:					
 <ul style="list-style-type: none"> ▪ epsos-issue-143: <i>Defunct Link to Template SimpleObservation</i> (Deferred) ▪ epsos-issue-224: <i>fix cardinality</i> (In Progress) 					
Item	DT	Card	Conf	Description	Label
h17:observation			R		(Ent ... ion)

Item	DT	Card	Conf	Description	Label												
└ h17:templateId	II.EPSOS	1 ... 1	R		(Ent ... ion)												
└ @root	uid	1 ... 1	F	1.3.6.1.4.1.19376.1.5.3.1.4.13													
└ h17:templateId	II.EPSOS	1 ... 1	R		(Ent ... ion)												
└ @root	uid	1 ... 1	F	1.3.6.1.4.1.19376.1.5.3.1.4.13.5													
└ h17:id	II	1 ... *	R	Each observation shall have an identifier.	(Ent ... ion)												
└ h17:code	CD (extensible)	1 ... 1	M	<p>A pregnancy observation shall have a code describing what facet of patient's pregnancy history is being recorded. These codes should come from the value set listed above, namely epSOSPregnancyInformation, OID 1.3.6.1.4.1.12559.11.10.1.3.1.42.9.</p> <table border="1"> <thead> <tr> <th>Code</th> <th>Description</th> <th>Data Type</th> </tr> </thead> <tbody> <tr> <td>11778-8</td> <td>Delivery date estimated (clinical)</td> <td>TS</td> </tr> <tr> <td>11779-6</td> <td>Delivery date estimated from last menstrual period</td> <td></td> </tr> <tr> <td>11780-4</td> <td>Delivery date estimated from ovulation</td> <td></td> </tr> </tbody> </table>	Code	Description	Data Type	11778-8	Delivery date estimated (clinical)	TS	11779-6	Delivery date estimated from last menstrual period		11780-4	Delivery date estimated from ovulation		(Ent ... ion)
Code	Description	Data Type															
11778-8	Delivery date estimated (clinical)	TS															
11779-6	Delivery date estimated from last menstrual period																
11780-4	Delivery date estimated from ovulation																
<div style="background-color: #e0ffe0; padding: 5px;"> 🎯 epsos-dataelement-116 🟡 Expected date of delivery 🟡 epSOS Data Set </div>																	
<div style="background-color: #f0f0f0; padding: 5px;"> CONF The value of @code should be drawn from value set 1.3.6.1.4.1.12559.11.10.1.3.1.42.9 <i>epSOSPregnancyInformation</i> (DYNAMIC) </div>																	
└ h17:statusCode	CS	1 ... 1	R		(Ent												

Item	DT	Card	Conf	Description	Label
					... ion)
└ @code	CONF	0 ... 1	F	completed	
└ h17:effectiveTime	IVL_TS	1 ... 1	R	The <effectiveTime> element shall be present in standalone observations (those observations not appearing in an organizer that contains an effective time of its own), and shall record the clinically effective time of the observation. This element should be precise to the day. If the date and time is unknown, this element should record that using the nullFlavor attribute. It shall be recorded using the appropriate data type, which means that it may denote a single point in time or an interval containing a <low> and <high> element	(Ent ... ion)
└ h17:repeatNumber			NP	The <repeatNumber> element should not be present in a pregnancy observation.	(Ent ... ion)
└ h17:value	TS	1 ... 1	R	The value of the observation shall be recording using a data type appropriate to the coded observation according to the table above.	(Ent ... ion)
 epsos-dataelement-116  Expected date of delivery  epSOS Data Set					
└ h17:interpretationCode			NP	The <interpretationCode>, <methodCode>, and <targetSiteCode> elements should not be used in a pregnancy observation.	(Ent ... ion)
└ h17:methodCode			NP	The <interpretationCode>, <methodCode>, and <targetSiteCode> elements should not be used in a pregnancy observation.	(Ent ... ion)
└ h17:targetSiteCode			NP	The <interpretationCode>, <methodCode>, and <targetSiteCode> elements should not be used in a pregnancy observation.	(Ent ... ion)

7.2.22  Problem 1.3.6.1.4.1.19376.1.5.3.1.4.5 - 2013-12-20

Id	1.3.6.1.4.1.19376.1.5.3.1.4.5	Effective Date	2013-12-20
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Status	 Active	Version Label		
Name	EntryProblem	Display Name	Problem	
Description				
<p>This section makes use of the linking, severity, clinical status and comment content specifications defined elsewhere in the technical framework. In HL7 RIM parlance, observations about a problem, complaint, symptom, finding, diagnosis, or functional limitation of a patient is the event (moodCode='EVN') of observing (<observation classCode='OBS'>) that problem. The <value> of the observation comes from a controlled vocabulary representing such things. The <code> contained within the <observation> describes the method of determination from yet another controlled vocabulary. An example appears below in the figure below.</p>				
Parent Template				
This template is compatible with the ASTM/HL7 Continuity of Care Document template: 2.16.840.1.113883.10.20.1.28				
Context	Parent nodes of template element with id 1.3.6.1.4.1.19376.1.5.3.1.4.5			
Classification	CDA Entry Level Template			
Open/Closed	Open (other than defined elements are allowed)			
Associated with	Associated with 6 concepts			
	Id	Name	Data Set	
	epsos-dataelement-86	 Onset Time	 epSOS Data Set	
	epsos-dataelement-226	 End date	 epSOS Data Set	
	epsos-dataelement-174	 End date	 epSOS Data Set	
	epsos-dataelement-85	 Problem/diagnosis Id (Code)	 epSOS Data Set	
	epsos-dataelement-225	 Onset Time	 epSOS Data Set	
epsos-dataelement-224	 Problem/diagnosis Id (Code)	 epSOS Data Set		
Used by / Uses	Used by 0 transactions and 11 templates, Uses 4 templates			
	Used by	as	Name	Version
	1.3.6.1.4.1.19376.1.5.3.1.4.12	Containment 	Immunizations	2013-12-20
1.3.6.1.4.1.19376.1.5.3.1.3.23	 	Section Immunizations	2013-12-20	

1.3.6.1.4.1.12559.11.10.1.3.1.1.3		epSOS-Patient Summary	2013-12-20
1.3.6.1.4.1.12559.11.10.1.3.1.1.4		epSOS-Health Care Encounter Report	2013-12-20
1.3.6.1.4.1.12559.11.10.1.3.1.1.5		epSOS-Medication Related Overview	2013-12-20
1.3.6.1.4.1.19376.1.5.3.1.4.5.2	Containment	Problem Concern	2013-12-20
1.3.6.1.4.1.19376.1.5.3.1.3.6		Section Active Problems	2013-12-20
1.3.6.1.4.1.19376.1.5.3.1.3.8		Section History of Past Illness	2013-12-20
1.3.6.1.4.1.19376.1.5.3.1.4.6	Containment	Allergies And Intolerances	2013-12-20
1.3.6.1.4.1.19376.1.5.3.1.4.5.3		Allergy and Intolerance Concern	2013-12-20
1.3.6.1.4.1.19376.1.5.3.1.3.13		Section Allergies and Other Adverse Reactions	2013-12-20

Uses	as	Name	Version
1.3.6.1.4.1.19376.1.5.3.1.4.1	Containment	Severity	DYNAMIC
1.3.6.1.4.1.19376.1.5.3.1.4.1.1	Containment	Entry Problem Status Observation	DYNAMIC
1.3.6.1.4.1.19376.1.5.3.1.4.1.2	Containment	Entry Health Status Observation	DYNAMIC
1.3.6.1.4.1.19376.1.5.3.1.4.2	Containment	Comment	DYNAMIC

Relationship

Specialization: template 1.3.6.1.4.1.19376.1.5.3.1.4.5 (DYNAMIC)

Example

```

Example
<observation classCode="OBS" moodCode="EVN" negationInd=" false|true ">

  <templateId root="2.16.840.1.113883.10.20.1.28"/>
  <templateId root="1.3.6.1.4.1.19376.1.5.3.1.4.5"/>
  <id root=" " extension=" " />
  <code code=" " displayName=" " codeSystem="2.16.840.1.113883.6.96" codeSystemName="SNOMED CT"/>
  <text>

    <reference value=" " />
  </text>
  <statusCode code="completed"/>
  <effectiveTime>

    <low value=" " />
    <high value=" " />
  </effectiveTime>
</observation>
    
```

```

</effectiveTime>
<value xsi:type="CD" code=" " codeSystem=" " displayName=" " codeSystemName=" ">

  <originalText>

    <reference value=" "/>
  </originalText>
</value>
<!-- zero or one <EntryRelationship typeCode='REFR' inversionInd='false'> elements identifying the health status of concern -->

<!-- zero or one <EntryRelationship typeCode='REFR' inversionInd='false'> elements containing clinical status -->

<!-- zero to many <EntryRelationship typeCode='REFR' inversionInd='true'> elements containing comments -->

</observation>
    
```

There are open issues with this item:



- epsos-issue-90: *check obs.ocde voc binding* (Open)
- epsos-issue-91: *value set binding for Obs.value* (Open)
- epsos-issue-181: *observation classCode is mandatory* (Open)
- epsos-issue-236: *Relaxation of constraints for EntryAllergyAndIntolerance template* (Open)
- epsos-issue-242: *Fix duplicate OIDs in ART-DECOR* (Open)

Item	DT	Card	Conf	Description	Label
h17:observation			R	<p>The basic pattern for reporting a problem uses the CDA <observation> element, setting the classCode='OBS' to represent that this is an observation of a problem, and the moodCode='EVN', to represent that this is an observation that has in fact taken place. The negationInd attribute, if true, specifies that the problem indicated was observed to not have occurred (which is subtly but importantly different from having not been observed).</p> <p>The value of negationInd should not normally be set to true. Instead, to record that there is "no prior history of chicken pox", one would use a coded value indicated exactly that. However, it is not always possible to record problems in this manner, especially if using a controlled vocabulary that does not supply pre-coordinated negations, or which do not allow the negation to be recorded with post-coordinated coded terminology.</p>	(Ent ... lem)
└ @classCode	cs	1 ... 1	F	OBS	
└ @moodCode	cs	1 ... 1	F	EVN	

Item	DT	Card	Conf	Description	Label
└ @negationInd	bl	0 ... 1			
└ h17:templateId	II	1 ... 1	R		(Ent ... lem)
└ @root	uid	1 ... 1	F	1.3.6.1.4.1.19376.1.5.3.1.4.5	
└ h17:templateId	II	1 ... 1	R		(Ent ... lem)
└ @root	uid	1 ... 1	F	2.16.840.1.113883.10.20.1.28	
└ h17:id	II	1 ... 1	M	The specific observation being recorded must have an identifier (<id>) that shall be provided for tracking purposes. If the source EMR does not or cannot supply an intrinsic identifier, then a GUID shall be provided as the root, with no extension (e.g., <id root='CE1215CD-69EC-4C7B-805F-569233C5E159'/>). While CDA allows for more than one identifier element to be provided, this profile requires that only one be used.	(Ent ... lem)
└ h17:code	CD.EPSOS (extensible)	1 ... 1	R	The <code> describes the process of establishing a problem. The code element should be used, as the process of determining the value is important to clinicians (e.g., a diagnosis is a more advanced statement than a symptom). The recommended vocabulary for describing problems is Value set epSOSCodeProb, OID 1.3.6.1.4.1.12559.11.10.1.3.1.42.23. This value set is required in epSOS when used within the Problem Concern Entry 1.3.6.1.4.1.19376.1.5.3.1.4.5.2	(Ent ... lem)
	CONF			The value of @code should be drawn from value set 1.3.6.1.4.1.12559.11.10.1.3.1.42.23 epSOSCodeProb (DYNAMIC)	

Item	DT	Card	Conf	Description	Label
└ h17:text	ED	1 ... 1	M	The <text> element is required and points to the text describing the problem being recorded; including any dates, comments, et cetera. The <reference> contains a URI in value attribute. This URI points to the free text description of the problem in the document that is being described.	(Ent ... lem)
└ h17:reference	TEL	1 ... 1	M		(Ent ... lem)
└ @value		1 ... 1	R	Reference pointing to the narrative, typically #{label}-{generated-id}, e.g. #xxx-1	
└ h17:statusCode	CS	0 ... 1	R	A clinical document normally records only those condition observation events that have been completed, not observations that are in any other state. Therefore, the <statusCode> shall always have code='completed'.	(Ent ... lem)
└ @code	CONF	0 ... 1	F	completed	
└ h17:effectiveTime	IVL_TS	0 ... 1	R	<p>The <effectiveTime> of this <observation> is the time interval over which the <observation> is known to be true. The <low> and <high> values should be no more precise than known, but as precise as possible.</p> <p>While CDA allows for multiple mechanisms to record this time interval (e.g. by low and high values, low and width, high and width, or centre point and width), we are constraining Medical summaries to use only the low/high form.</p> <p>The <low> value is the earliest point for which the condition is known to have existed.</p> <p>The <high> value, when present, indicates the time at which the observation was no longer known to be true. Thus, the implication is made that if the <high> value is specified, that the observation was no longer seen after this time, and it thus represents the date of resolution of the problem.</p>	(Ent ... lem)


Item	DT	Card	Conf	Description	Label
				<p>Similarly, the <low> value may seem to represent onset of the problem. Neither of these statements is necessarily precise, as the <low> and <high> values may represent only an approximation of the true onset and resolution (respectively) times. For example, it may be the case that onset occurred prior to the <low> value, but no observation may have been possible before that time to discern whether the condition existed prior to that time.</p> <p>The <low> value should normally be present. There are exceptions, such as for the case where the patient may be able to report that they had chicken pox, but are unsure when. In this case, the <effectiveTime> element shall have a <low> element with a nullFlavor attribute set to 'UNK'. The <high> value need not be present when the observation is about a state of the patient that is unlikely to change (e.g., the diagnosis of an incurable disease).</p>	
	<p>🎯 epsos-dataelement-86</p> <p>epsos-dataelement-226</p> <p>epsos-dataelement-174</p> <p>epsos-dataelement-225</p>			<p>🟡 Onset Time</p> <p>🟡 End date</p> <p>🟡 End date</p> <p>🟡 Onset Time</p>	<p>🟡 epSOS Data Set</p> <p>🟡 epSOS Data Set</p> <p>🟡 epSOS Data Set</p> <p>🟡 epSOS Data Set</p>
<p>└ h17:value</p>	<p>CD.EPSOS (extensible)</p>	<p>1 ... 1</p>	<p>R</p>	<p>The <value> is the condition that was found. This element is required. While the value may be a coded or an un-coded string, the type is always a coded value (xsi:type='CD'). If coded, the code and codeSystem attributes shall be present.</p> <p>The Value Set used is epSOSIllnessesandDisorders, with the OID 1.3.6.1.4.1.12559.11.10.1.3.1.42.5.</p> <p>The value set to be used when this template is specialized for describing adverse reaction is epSOSReactionAllergy.</p> <p>In cases where information about a problem or allergy is unknown or where there are no problems or allergies, an entry shall use codes from epSOSUnknownInformation, OID 1.3.6.1.4.1.12559.11.10.1.3.1.42.17.</p>	<p>(Ent ... lem)</p>
	<p>🎯 epsos-dataelement-85</p> <p>epsos-dataelement-224</p>			<p>🟡 Problem/diagnosis Id (Code)</p> <p>🟡 Problem/diagnosis Id (Code)</p>	<p>🟡 epSOS Data Set</p> <p>🟡 epSOS Data Set</p>

Item	DT	Card	Conf	Description	Label
	CONF			<p>The value of @code should be drawn from value set 1.3.6.1.4.1.12559.11.10.1.3.1.42.11 <i>epSOSReactionAllergy</i> (DYNAMIC)</p> <p>or</p> <p>The value of @code should be drawn from value set 1.3.6.1.4.1.12559.11.10.1.3.1.42.5 <i>epSOSIllnessesandDisorders</i> (DYNAMIC)</p> <p>or</p> <p>The value of @code should be drawn from value set 1.3.6.1.4.1.12559.11.10.1.3.1.42.17 <i>epSOSUnknownInformation</i> (DYNAMIC)</p>	
└ h17:originalText			R	The <originalText> element within the <code> element described above is used as follows: the <value> contains a <reference> to the <originalText> in order to link the coded value to the problem narrative text (minus any dates, comments, et cetera). The <reference> contains a URI in value attribute. This URI points to the free text description of the problem in the document that is being described.	(Ent ... lem)
└ h17:reference		0 ... 1	R	The URI given in the value attribute of the element points to an element in the narrative content that contains the complete text describing the medication. In a CDA document, the URI given in the value attribute of the element points to an element in the narrative content that contains the complete text describing the medication.	(Ent ... lem)
Example		<code><reference value="#eP_as_text"/></code>			
└ h17:entryRelationship		0 ... 1	R	<p>An optional <entryRelationship> element MAY be present indicating the severity of the problem. If present, this <entryRelationship> element SHALL contain a severity observation conforming to the Severity entry template (1.3.6.1.4.1.19376.1.5.3.1.4.1). The severity codes to be used are epSOSSeverity, OID 1.3.6.1.4.1.12559.11.10.1.3.1.42.13.</p> <p>This shall be represented with the <entryRelationship> element. The typeCode shall be 'SUBJ' and inversionInd shall be 'true'.</p> <p>Contains 1.3.6.1.4.1.19376.1.5.3.1.4.1 <i>Severity</i> (DYNAMIC)</p>	(Ent ... lem)
where [hl7:observation [hl7:templateId [@root = '1.3.6.1.4.1.19376.1.5.3.1.4.1'] and hl7:templateId [@root = '2.16.840.1.113883.10.20.1.55']]]					
└ @typeCode	cs	1 ... 1	F	SUBJ	

Item	DT	Card	Conf	Description	Label
└ @inversionInd	bl	1 .. 1	F	true	
└ hl7:entryRelationship		0 .. 1	R	<p>An optional <entryRelationship> may be present indicating the clinical status of the problem, e.g., resolved, in remission, active. When present, this <entryRelationship> element shall contain a clinical status observation conforming to the Problem Status Observation template (1.3.6.1.4.1.19376.1.5.3.1.4.1.1). The value set to be used is epSOSstatusCode, OID 1.3.6.1.4.1.12559.11.10.1.3.1.42.15.</p> <p>This shall be represented with the <entryRelationship> element. The typeCode shall be 'REFR' and inversionInd shall be 'false'.</p> <p>Contains 1.3.6.1.4.1.19376.1.5.3.1.4.1.1 <i>Entry Problem Status Observation</i> (DYNAMIC)</p>	(Ent ... lem)
where [hl7:observation [hl7:templateId [@root = '2.16.840.1.113883.10.20.1.57'] and hl7:templateId [@root = '2.16.840.1.113883.10.20.1.50'] and hl7:templateId [@root = '1.3.6.1.4.1.19376.1.5.3.1.4.1.1']]]					
└ @typeCode	cs	1 .. 1	F	REFR	
└ @inversionInd	bl	0 .. 1	F	false	
└ hl7:entryRelationship		0 .. 1	R	<p>An optional <entryRelationship> may be present referencing the health status of the patient, e.g., resolved, in remission, active. When present, this <entryRelationship> element shall contain a clinical status observation conforming to the template (1.3.6.1.4.1.19376.1.5.3.1.4.1.2).). The value set to be used is epSOSResolutionOutcome, OID 1.3.6.1.4.1.12559.11.10.1.3.1.42.30. The typeCode shall be 'REFR' and inversionInd shall be 'false'.</p> <p>This shall be represented with the <entryRelationship> element.</p> <p>Contains 1.3.6.1.4.1.19376.1.5.3.1.4.1.2 <i>Entry Health Status Observation</i> (DYNAMIC)</p>	(Ent ... lem)
where [hl7:observation [hl7:templateId [@root = '2.16.840.1.113883.10.20.1.51'] and hl7:templateId [@root = '1.3.6.1.4.1.19376.1.5.3.1.4.1.2']]]					

Item	DT	Card	Conf	Description	Label
└ @typeCode	cs	1 ... 1	F	REFR	
└ @inversionInd	bl	0 ... 1	F	false	
└ hl7:entryRelationship		0 ... 1	R	<p>One or more optional <entryRelationship> elements may be present providing an additional comments (annotations) for the condition. When present, this <entryRelationship> element shall contain a comment observation conforming to the entry template (1.3.6.1.4.1.19376.1.5.3.1.4.2). The typeCode shall be 'SUBJ' and inversionInd shall be 'true'.</p> <p>This shall be represented with the <entryRelationship> element.</p> <p>Contains 1.3.6.1.4.1.19376.1.5.3.1.4.2 <i>Comment</i> (DYNAMIC)</p>	(Ent ... lem)
where [hl7:act [hl7:templateId [@root = '2.16.840.1.113883.10.20.1.40']] and hl7:templateId [@root = '1.3.6.1.4.1.19376.1.5.3.1.4.2']]					
└ @typeCode	cs	1 ... 1	F	SUBJ	
└ @inversionInd	bl	1 ... 1	F	true	






















7.2.23 Problem Concern 1.3.6.1.4.1.19376.1.5.3.1.4.5.2 - 2013-12-20

Id	1.3.6.1.4.1.19376.1.5.3.1.4.5.2	Effective Date	2013-12-20
Status	 Active	Version Label	
Name	EntryProblemConcern	Display Name	Problem Concern
Description			
<p>This entry is a specialization of the Concern Entry, wherein the subject of the concern is focused on a problem. Elements shown in the example below in gray are explained in the Concern Entry.</p>			

Parent Template

The parent of this template is Concern Entry. This template is compatible with the ASTM/HL7 Continuity of Care Document template: 2.16.840.1.113883.10.20.1.27

This entry has a template identifier of 1.3.6.1.4.1.19376.1.5.3.1.4.5.2, and is a subtype of the Concern Entry, and so must also conform to that specification, with the template identifier of 1.3.6.1.4.1.19376.1.5.3.1.4.5.1. These elements are required and shall be recorded exactly as shown.

Context	Parent nodes of template element with id 1.3.6.1.4.1.19376.1.5.3.1.4.5.2			
Classification	CDA Entry Level Template			
Open/Closed	Open (other than defined elements are allowed)			
Associated with	Associated with 7 concepts			
	Id	Name	Data Set	
	epsos-dataelement-84	 Problem/diagnosis Description	 epSOS Data Set	
	epsos-dataelement-305	 Problem Status	 epSOS Data Set	
	epsos-dataelement-223	 Problem/diagnosis Description	 epSOS Data Set	
	epsos-dataelement-306	 Problem Status	 epSOS Data Set	
	epsos-dataelement-222	 Problem/Diagnosis	 epSOS Data Set	
	epsos-dataelement-174	 End date	 epSOS Data Set	
epsos-dataelement-86	 Onset Time	 epSOS Data Set		
Used by / Uses	Used by 0 transactions and 5 templates, Uses 1 template			
	Used by	as	Name	Version
	1.3.6.1.4.1.19376.1.5.3.1.3.6	Containment	 Section Active Problems	2013-12-20
	1.3.6.1.4.1.12559.11.10.1.3.1.1.3		 epSOS-Patient Summary	2013-12-20
	1.3.6.1.4.1.12559.11.10.1.3.1.1.4		 epSOS-Health Care Encounter Report	2013-12-20
1.3.6.1.4.1.12559.11.10.1.3.1.1.5		 epSOS-Medication Related Overview	2013-12-20	






1.3.6.1.4.1.19376.1.5.3.1.3.8	Containment		Section History of Past Illness	2013-12-20
Uses	as		Name	Version
1.3.6.1.4.1.19376.1.5.3.1.4.5	Containment		Problem	DYNAMIC












Example

Example

```
<act classCode="ACT" moodCode="EVN">
  <templateId root="2.16.840.1.113883.10.20.1.27"/>
  <templateId root="1.3.6.1.4.1.19376.1.5.3.1.4.5.1"/>
  <templateId root="1.3.6.1.4.1.19376.1.5.3.1.4.5.2"/>
  <id root=" " extension=" " />
  <code nullFlavor="NA"/>
  <statusCode code="active|suspended|aborted|completed"/>
  <effectiveTime>
    <low value=" " />
    <high value=" " />
  </effectiveTime>
  <!-- 1..* entry relationships identifying problems of concern -->
  <entryRelationship type="SUBJ">
    <observation classCode="OBS" moodCode="EVN">
      <templateId root="1.3.6.1.4.1.19376.1.5.3.1.4.5"/>
      <templateId root="2.16.840.1.113883.10.20.1.28"/>
      <!-- ... -->
    </observation>
  </entryRelationship>
  <!-- optional entry relationship providing more information about the concern -->
  <entryRelationship type="REFR"/>
</act>
```

Item	DT	Card	Conf	Description	Label
h17:act			R		(Ent...ern)
epsos-dataelement-222 Problem/Diagnosis epSOS Data Set					
└ @classCode	cs	1 ... 1	F	ACT	



Item	DT	Card	Conf	Description	Label
└ @moodCode	cs	1 ... 1	F	EVN	
└ h17:templateId	II	1 ... 1	M		(Ent... ern)
└ @root	uid	1 ... 1	F	2.16.840.1.113883.10.20.1.27	
└ h17:templateId	II	1 ... 1	M		(Ent... ern)
└ @root	uid	1 ... 1	F	1.3.6.1.4.1.19376.1.5.3.1.4.5.1	
└ h17:templateId	II	1 ... 1	M		(Ent... ern)
└ @root	uid	1 ... 1	F	1.3.6.1.4.1.19376.1.5.3.1.4.5.2	
└ h17:id	II	1 ... *	R		(Ent... ern)
└ h17:code	CD	1 ... 1	R	Fixed nullFlavor='NA'	(Ent... ern)
└ h17:text	ED	0 ... 1	R		(Ent... ern)
	 epsos-dataelement-84  Problem/diagnosis Description  epSOS Data Set epsos-dataelement-223  Problem/diagnosis Description  epSOS Data Set				
└ h17:reference	TEL	1 ... 1	M		(Ent... ern)
└ @value		1 ... 1	R	Reference pointing to the narrative, typically #{label}-{generated-id}, e.g. #xxx-1	
└ h17:statusCode	CS	0 ... 1	R	One of: active suspended aborted completed	(Ent... ern)

Item	DT	Card	Conf	Description	Label
					ern)
				 epsos-dataelement-305  Problem Status  epSOS Data Set epsos-dataelement-306  Problem Status  epSOS Data Set	
	CONF			The value of @code shall be drawn from value set 2.16.840.1.113883.3.1937.777.11.11.2 <i>ActStatusActiveAbortedSuspendedCompleted</i> (DYNAMIC)	
└ h17:effectiveTime	IVL_TS	0 ... 1	R		(Ent...ern)
└ h17:low		1 ... 1	R	The <low> element shall be present.	(Ent...ern)
				 epsos-dataelement-86  Onset Time  epSOS Data Set	
└ h17:high		0 ... 1	C	The <high> element shall be present for concerns in the completed or aborted state, and shall not be present otherwise.	(Ent...ern)
				 epsos-dataelement-174  End date  epSOS Data Set	
└ h17:entryRelationship		1 ... *	R	This entry shall contain one or more problem entries that conform to the Problem Entry template 1.3.6.1.4.1.19376.1.5.3.1.4.5. For CDA this SHALL be represented with the <entryRelationship> element. For HL7 Version 3 Messages, this SHALL be represented as a <subjectOf> element. The typeCode SHALL be 'SUBJ' and inversionInd SHALL be 'false' Note: every Problem Entry used in this section to identify problem of concern MAY have an <entryRelationship> that will indicate the severity of the problem, conforming to the severity entry template (1.3.6.1.4.1.19376.1.5.3.1.4.1). The severity codes to be used are epSOSSeverity, OID 1.3.6.1.4.1.12559.11.10.1.3.1.42.13. Contains 1.3.6.1.4.1.19376.1.5.3.1.4.5 <i>Problem</i> (DYNAMIC)	(Ent...ern)
where [hl7:observation [hl7:templateId [@root = '1.3.6.1.4.1.19376.1.5.3.1.4.5']] and hl7:templateId [@root = '2.16.840.1.113883.10.20.1.28']]					

Item	DT	Card	Conf	Description	Label
└ @typeCode	cs	1 ... 1	F	SUBJ	
└ h17:entryRelationship		0 ... *	R	optional entry relationship providing more information about the concern. A source of information observation SHALL be the target of an entryRelationship whose value for "entryRelationship / @typeCode" SHALL be "REFR" "Refers to" 2.16.840.1.113883.5.1002 ActRelationshipType STATIC. A source of information observation SHALL be represented with Observation.	CONF-524 / CONF-525
└ @typeCode	cs	1 ... 1	F	REFR	
└ h17:observation				ASTM CCR requires that all data objects have a stated source (or state explicitly that the source is unknown) so that any data within the summary can be validated. The source of data may be a person, organization, reference to some other data object, etc.	CONF-524 / CONF-525
└ @classCode	cs	0 ... 1	F	OBS	CONF-526
				The value for "Observation / @classCode" in a source of information observation SHALL be "OBS" 2.16.840.1.113883.5.6 ActClass STATIC.	
└ @moodCode	cs	0 ... 1	F	EVN	CONF-527
				The value for "Observation / @moodCode" in a source of information observation SHALL be "EVN" 2.16.840.1.113883.5.1001 ActMood STATIC.	
└ h17:code	CD	1 ... 1	R	A source of information observation SHALL contain exactly one Observation / code. The value for "Observation / code" in a source of information observation SHALL be "48766-0" "Information source" 2.16.840.1.113883.6.1 LOINC STATIC.	CONF-530 / CONF-531
└ @code		0 ... 1	F	48766-0	
└ @codeSystem	CONF	0 ... 1	F	2.16.840.1.113883.6.1 (LOINC)	
└ @displayName		0 ... 1	F	Information source	
└ h17:statusCode		1 ... 1	R	A source of information observation SHALL contain exactly one Observation / statusCode. The value for "Observation / statusCode" in a source of information observation SHALL be "completed" 2.16.840.1.113883.5.14 ActStatus STATIC.	CONF-528 / CONF-529

Item	DT	Card	Conf	Description	Label
└ @code	CONF	0 ... 1	F	completed	
└ h17:value		1 ... 1	M	A source of information observation SHALL contain exactly one Observation / value. The absence of a known source of information SHALL be explicitly asserted by valuing Observation / value in a source of information observation with the text string "Unknown".	CONF-532 / CONF-533

7.2.24 Entry Problem Status Observation 1.3.6.1.4.1.19376.1.5.3.1.4.1.1 - 2013-12-20

Id	1.3.6.1.4.1.19376.1.5.3.1.4.1.1	Effective Date	2013-12-20
Status	 Active	Version Label	
Name	EntryProblemStatusObservation	Display Name	Entry Problem Status Observation
Description			
<p>(CCD) Any problem or allergy observation may reference a problem status observation. This structure is included in the target observation using the <entryRelationship> element defined in the CDA Schema. The clinical status observation records information about the current status of the problem or allergy, for example, whether it is active, in remission, resolved, et cetera. The example below shows the recording of clinical status of a condition or allergy, and is used as the context for the following sections.</p> <p>This CCD models a problem status observation as a separate observation from the problem, allergy or medication observation. While this model is different from work presently underway by various organizations (i.e., SNOMED, HL7, TermInfo), it is not wholly incompatible with that work. In that work, qualifiers may be used to identify problem status in the coded condition observation, and a separate clinical status observation is no longer necessary. The use of qualifiers in the problem observation is not precluded by this specification or by CCD. However, to support semantic interoperability between EMR systems using different vocabularies, this specification does require that problem status information also be provided in a separate observation. This ensures that all EMR systems have equal access to the information, regardless of the vocabularies they support.</p>			
Context	Parent nodes of template element with id 1.3.6.1.4.1.19376.1.5.3.1.4.1.1		
Classification	CDA Entry Level Template		
Open/Closed	Open (other than defined elements are allowed)		
Used by / Uses	Used by 0 transactions and 12 templates, Uses 0 templates		
	Used by	as	Name
	1.3.6.1.4.1.19376.1.5.3.1.4.5	Containment	 Problem
			Version
			2013-12-20

	1.3.6.1.4.1.19376.1.5.3.1.4.12		 Immunizations	2013-12-20
	1.3.6.1.4.1.19376.1.5.3.1.3.23		 Section Immunizations	2013-12-20
	1.3.6.1.4.1.12559.11.10.1.3.1.1.3		 epSOS-Patient Summary	2013-12-20
	1.3.6.1.4.1.12559.11.10.1.3.1.1.4		 epSOS-Health Care Encounter Report	2013-12-20
	1.3.6.1.4.1.12559.11.10.1.3.1.1.5		 epSOS-Medication Related Overview	2013-12-20
	1.3.6.1.4.1.19376.1.5.3.1.4.5.2		 Problem Concern	2013-12-20
	1.3.6.1.4.1.19376.1.5.3.1.3.6		 Section Active Problems	2013-12-20
	1.3.6.1.4.1.19376.1.5.3.1.3.8		 Section History of Past Illness	2013-12-20
	1.3.6.1.4.1.19376.1.5.3.1.4.6		 Allergies And Intolerances	2013-12-20
	1.3.6.1.4.1.19376.1.5.3.1.4.5.3		 Allergy and Intolerance Concern	2013-12-20
	1.3.6.1.4.1.19376.1.5.3.1.3.13		 Section Allergies and Other Adverse Reactions	2013-12-20

Example

```

<observation classCode="OBS" moodCode="EVN">
  <templateId root="2.16.840.1.113883.10.20.1.57"/>
  <templateId root="2.16.840.1.113883.10.20.1.50"/>
  <templateId root="1.3.6.1.4.1.19376.1.5.3.1.4.1.1"/>
  <code code="33999-4" displayName="Status" codeSystem="2.16.840.1.113883.6.1" codeSystemName="LOINC"/>
  <text>
    <reference value="#cstatus-2"/>
  </text>
  <statusCode code="completed"/>
  <value xsi:type="CE" code=" " codeSystem="2.16.840.1.113883.6.96" codeSystemName="SNOMED CT"/>
</observation>
    
```



There is an open issue with this item:


- epsos-issue-97: assign an epSOS template ID (Open)

Item	DT	Card	Conf	Description	Label
h17:observation					(Ent ...)

Item	DT	Card	Conf	Description	Label
					ion)
└ @classCode		0 ... 1	F	OBS	
└ @moodCode		0 ... 1	F	EVN	
└ h17:templateId	II	1 ... 1	R		(Ent ... ion)
└ @root		1 ... 1	F	2.16.840.1.113883.10.20.1.57	
└ h17:templateId	II	1 ... 1	R		(Ent ... ion)
└ @root		1 ... 1	F	2.16.840.1.113883.10.20.1.50	
└ h17:templateId	II	1 ... 1	R		(Ent ... ion)
└ @root		1 ... 1	F	1.3.6.1.4.1.19376.1.5.3.1.4.1.1	
└ h17:code	CD	1 ... 1	R	This observation is of clinical status, as indicated by the <code> element. This element must be present.	(Ent ... ion)
└ @code		0 ... 1	F	33999-4	
└ @codeSystem	CONF	0 ... 1	F	2.16.840.1.113883.6.1 (LOINC)	
└ @displayName		0 ... 1	F	Status	

Item	DT	Card	Conf	Description	Label
└ @codeSystemName		0 ... 1	F	LOINC	
└ h17:text	ED	1 ... 1	M	The <text> element is required and points to the text describing the problem being recorded; including any dates, comments, et cetera. The <reference> contains a URI in value attribute. This URI points to the free text description of the problem in the document that is being described.	(Ent ... ion)
└ h17:reference	TEL	1 ... 1	M		(Ent ... ion)
└ @value		1 ... 1	R	Reference pointing to the narrative, typically #{label}-{generated-id}, e.g. #xxx-1	
└ h17:statusCode	CS	1 ... 1	M	The code attribute of <statusCode> for all clinical status observations shall be completed. While the <statusCode> element is required in all acts to record the status of the act, the only sensible value of this element in this context is completed.	(Ent ... ion)
└ @code	CONF	1 ... 1	F	completed	
└ h17:value	CE.EPSOS	1 ... 1	R	The <value> element contains the clinical status. It is always represented using the CE datatype (xsi:type='CE'). It shall contain a code from the following set of values from SNOMED CT.	(Ent ... ion)
	CONF			The value of @code shall be drawn from value set 1.3.6.1.4.1.12559.11.10.1.3.1.42.15 epSOSStatusCode (DYNAMIC)	

7.2.25 Procedure 1.3.6.1.4.1.19376.1.5.3.1.4.19 - 2013-12-20

Id	1.3.6.1.4.1.19376.1.5.3.1.4.19	Effective Date	2013-12-20
Status	 Active	Version Label	
Name	EntryProcedure	Display Name	Procedure

Description

The procedure entry is used to record procedures that have occurred, or which are planned for in the future.

In case no procedures are expected to be recorded, a single “NA” nullFlavored procedure entry shall be included in this section.

Context	Parent nodes of template element with id 1.3.6.1.4.1.19376.1.5.3.1.4.19			
Classification	CDA Entry Level Template			
Open/Closed	Open (other than defined elements are allowed)			
Associated with	Associated with 3 concepts			
	Id	Name	Data Set	
	epsos-dataelement-4	 Procedure Date	 epSOS Data Set	
	epsos-dataelement-3	 Procedure description	 epSOS Data Set	
epsos-dataelement-2	 Procedure Id (code)	 epSOS Data Set		
Used by / Uses	Used by 0 transactions and 4 templates, Uses 1 template			
	Used by	as	Name	Version
	1.3.6.1.4.1.12559.11.10.1.3.1.2.5	Containment	 Section Coded Results	2013-12-20
	1.3.6.1.4.1.12559.11.10.1.3.1.1.3		 epSOS-Patient Summary	2013-12-20
	1.3.6.1.4.1.19376.1.5.3.1.3.12	Containment	 Section Coded List of Surgeries	2013-12-20
	1.3.6.1.4.1.12559.11.10.1.3.1.1.4		 epSOS-Health Care Encounter Report	2013-12-20
Uses	as	Name	Version	
1.3.6.1.4.1.19376.1.5.3.1.4.4.1	Containment	 Internal Reference	DYNAMIC	
Example	<p>Example</p> <pre><procedure classCode="PROC" moodCode="EVN INT"> <templateId root="1.3.6.1.4.1.19376.1.5.3.1.4.19"/> <templateId root="2.16.840.1.113883.10.20.1.29"/> <!-- see text of section --> </procedure></pre>			

```

<templateId root="2.16.840.1.113883.10.20.1.25"/>
<!-- see text of section -->

<id root="" extension=""/>
<code code="" codeSystem="2.16.840.1.113883.5.4" codeSystemName="ActCode"/>
<text>

  <reference value="#xxx"/>
</text>
<statusCode code="completed|active|aborted|cancelled"/>
<effectiveTime>

  <low value=""/>
  <high value=""/>
</effectiveTime>
<priorityCode code=""/>
<approachSiteCode code="" displayName="" codeSystem="" codeSystemName=""/>
<targetSiteCode code="" displayName="" codeSystem="" codeSystemName=""/>
<author/>
<informant/>
<entryRelationship typeCode="COMP" inversionInd="true">

  <act classCode="ACT" moodCode="">

    <templateId root="1.3.6.1.4.1.19376.1.5.3.1.4.4.1"/>
    <id root="" extension=""/>
  </act>
</entryRelationship>
<entryRelationship typeCode="RSON">

  <act classCode="ACT" moodCode="EVN">

    <templateId root="1.3.6.1.4.1.19376.1.5.3.1.4.4.1"/>
    <id root="" extension=""/>
  </act>
</entryRelationship>
</procedure>

```

Example

Patient had an operation on his urinary system in Feb, 2011

```

<procedure classCode="PROC" moodCode="EVN">

  <templateId root="1.3.6.1.4.1.19376.1.5.3.1.4.19"/>
  <id nullFlavor="NA"/>
  <code code="392048005" codeSystem="2.16.840.1.113883.6.96" codeSystemName="SNOMED CT" displayName="Operation on urinary system"/>
  <statusCode code="completed"/>
  <effectiveTime value="201102"/>
</procedure>

```

```




Patient had no procedures to be recorded

<procedure classCode="PROC" moodCode="EVN">

  <templateId root="1.3.6.1.4.1.19376.1.5.3.1.4.19"/>
  <id nullFlavor="NA"/>
  <code nullFlavor="NA"/>
  <statusCode code="completed"/>
  <effectiveTime nullFlavor="NA"/>
</procedure>
    
```


Item	DT	Card	Conf	Description	Label
h17:procedure			R	The templateId indicates that this <procedure> entry conforms to the constraints of this content module. NOTE: When the procedure is in event mood (moodCode='EVN'), this entry conforms to the CCD template 2.16.840.1.113883.10.20.1.29, and when in intent mood, this entry conforms to the CCD template 2.16.840.1.113883.10.20.1.25.	(Ent ... ure)
└ @classCode	cs	1 ... 1	F	PROC	
└ @moodCode	cs	1 ... 1	R		
	CONF			@moodCode shall be "EVN" or @moodCode shall be "INT"	
└ h17:templateId	II.EPSOS	1 ... 1	M		(Ent ... ure)
└ @root	uid	1 ... 1	F	1.3.6.1.4.1.19376.1.5.3.1.4.19	
<i>Choice</i>		... 1		Elements to choose from: <ul style="list-style-type: none"> h17:templateId[@root = '2.16.840.1.113883.10.20.1.29'] h17:templateId[@root = '2.16.840.1.113883.10.20.1.25'] 	
└ h17:templateId	II.EPSOS	0 ... 1	C	When the procedure is in event mood (moodCode='EVN'), this entry conforms to the CCD template 2.16.840.1.113883.10.20.1.29	(Ent ... ure)

Item	DT	Card	Conf	Description	Label
└ @root	uid	1 ... 1	F	2.16.840.1.113883.10.20.1.29	
└ h17:templateId	II.EPSOS	0 ... 1	C	When the procedure is in intent mood, this entry conforms to the CCD template 2.16.840.1.113883.10.20.1.25.	(Ent ... ure)
└ @root	uid	1 ... 1	F	2.16.840.1.113883.10.20.1.25	
└ h17:id	II.EPSOS	1 ... *	R	This required element shall contain an identifier for the procedure. More than one procedure identifier may be present.	(Ent ... ure)
└ h17:code	CE.EPSOS	1 ... 1	R	Procedure Id Code. This element shall be present and should contain a code describing the type of procedure.	R9.2
<div style="background-color: #e0ffe0; padding: 5px;"> 🎯 epsos-dataelement-2 🟡 Procedure Id (code) 🟡 epSOS Data Set </div>					
└ @displayName		0 ... 1		Procedure description	R9.1
└ @nullFlavor	cs	0 ... 1			
		<div style="background-color: #e0e0e0; padding: 5px;"> CONF The value of @code shall be drawn from value set 1.3.6.1.4.1.12559.11.10.1.3.1.42.10 <i>epSOSProcedures</i> (DYNAMIC) </div>			
		<div style="background-color: #e0e0ff; padding: 5px;"> Example <code><code code="392048005" codeSystem="2.16.840.1.113883.6.96" codeSystemName="SNOMED CT" displayName="Operation on urinary system"/></code> </div>			
└ h17:text	ED	1 ... 1	R	Description of procedures	(Ent ... ure)
<div style="background-color: #e0ffe0; padding: 5px;"> 🎯 epsos-dataelement-3 🟡 Procedure description 🟡 epSOS Data Set </div>					
└ h17:reference	TEL	1 ... 1	M		(Ent ... ure)

Item	DT	Card	Conf	Description	Label	
└ @value		1 .. 1	R	Reference pointing to the narrative, typically #{label}-{generated-id}, e.g. #xxx-1		
└ h17:statusCode	CS	1 .. 1	R	This element shall be present when used to describe a procedure event. It shall have the value 'completed' for procedures that have been completed and 'active' for procedures that are still in progress. Procedures that were stopped prior to completion shall use the value 'aborted', and procedures that were cancelled before being started shall use the value 'cancelled'.	(Ent ... ure)	
	CONF	The value of @code shall be drawn from value set 2.16.840.1.113883.3.1937.777.11.11.3 <i>ActStatus.ActiveAbortedCancelledCompleted</i> (DYNAMIC)				
└ h17:effectiveTime	IVL_TS	1 .. 1	R	IHE-PCC: Procedure Date. This element should be present, and records the time at which the procedure occurred (in EVN mood), or the desired time of the procedure in INT mood. epSOS: Procedure date is required.	R9.3	
	 epsos-dataelement-4		 Procedure Date			 epSOS Data Set
└ h17:priorityCode	CE.EPSOS	0 .. 1	R	This element shall be present in INT mood when effectiveTime is not provided, it may be present in 2550 other moods. It indicates the priority of the procedure.	(Ent ... ure)	
	CONF	The value of @code shall be drawn from value set 2.16.840.1.113883.1.11.16866 <i>ActPriority</i> (DYNAMIC)				
└ h17:approachSiteCode	CD.EPSOS	0 .. 1	R	This element may be present to indicate the procedure approach.	(Ent ... ure)	
└ @codeSystem	CONF	0 .. 1	F	2.16.840.1.113883.5.1052 (ActSite)		
	Example	<pre><code code="RLAQ" codeSystem="2.16.840.1.113883.5.1052" codeSystemName="ActSite" displayName="right lower abd quadrant"/></pre>				
└ h17:targetSiteCode	CD.EPSOS	0 .. *	R	This element may be present to indicate the target site of the procedure.	(Ent ... ure)	
	Example	<pre><targetSiteCode code="76552005" codeSystem="2.16.840.1.113883.6.96" displayName="skin structure of shoulder"> <qualifier></pre>				

Item	DT	Card	Conf	Description	Label
				<pre><name code="272741003" displayName="Laterality"/> <value code="7771000" displayName="Left"/> </qualifier> </targetSiteCode></pre>	
└ h17:entryRelationship		0 ... *	R	<p>This element may be present to point the encounter in which the procedure was performed, and shall contain an internal reference to the encounter.</p> <p>A <procedure> act may indicate one or more reasons for the procedure. These reasons identify the concern that was the reason for the procedure via an Internal Reference to the concern. The extension and root of each observation present must match the identifier of a concern entry contained elsewhere within the CDA document.</p> <p>Contains 1.3.6.1.4.1.19376.1.5.3.1.4.4.1 <i>Internal Reference</i> (DYNAMIC)</p>	(Ent ... ure)
where [hl7:act [hl7:templateId [@root = '1.3.6.1.4.1.19376.1.5.3.1.4.4.1']]]					
└ @inversionInd	bl	0 ... 1			

7.2.26 Severity 1.3.6.1.4.1.19376.1.5.3.1.4.1 - 2013-12-20

Id	1.3.6.1.4.1.19376.1.5.3.1.4.1	Effective Date	2013-12-20
Status	 Active	Version Label	
Name	EntrySeverity	Display Name	Severity
Description			
<p>The <templateId> elements identifies this <observation> as a severity observation, allowing for validation of the content. As a side effect, readers of the CDA can quickly locate and identify severity observations. The templateId elements shown above must be present.</p>			
Context	Parent nodes of template element with id 1.3.6.1.4.1.19376.1.5.3.1.4.1		
Classification	CDA Entry Level Template		
Open/Closed	Open (other than defined elements are allowed)		

Associated with	Associated with 3 concepts			
	Id	Name	Data Set	
	epsos-dataelement-302	Problem Severity	epSOS Data Set	
	epsos-dataelement-301	Problem Severity	epSOS Data Set	
epsos-dataelement-304	Allergy Severity	epSOS Data Set		
Used by / Uses	Used by 0 transactions and 12 templates, Uses 0 templates			
	Used by	as	Name	Version
	1.3.6.1.4.1.19376.1.5.3.1.4.5	Containment	Problem	2013-12-20
	1.3.6.1.4.1.19376.1.5.3.1.4.12		Immunizations	2013-12-20
	1.3.6.1.4.1.19376.1.5.3.1.3.23		Section Immunizations	2013-12-20
	1.3.6.1.4.1.12559.11.10.1.3.1.1.3		epSOS-Patient Summary	2013-12-20
	1.3.6.1.4.1.12559.11.10.1.3.1.1.4		epSOS-Health Care Encounter Report	2013-12-20
	1.3.6.1.4.1.12559.11.10.1.3.1.1.5		epSOS-Medication Related Overview	2013-12-20
	1.3.6.1.4.1.19376.1.5.3.1.4.5.2		Problem Concern	2013-12-20
	1.3.6.1.4.1.19376.1.5.3.1.3.6		Section Active Problems	2013-12-20
	1.3.6.1.4.1.19376.1.5.3.1.3.8		Section History of Past Illness	2013-12-20
	1.3.6.1.4.1.19376.1.5.3.1.4.6		Allergies And Intolerances	2013-12-20
	1.3.6.1.4.1.19376.1.5.3.1.4.5.3		Allergy and Intolerance Concern	2013-12-20
1.3.6.1.4.1.19376.1.5.3.1.3.13		Section Allergies and Other Adverse Reactions	2013-12-20	
Relationship	Specialization: template 1.3.6.1.4.1.19376.1.5.3.1.4.1 (DYNAMIC)			
	There is an open issue with this item:			
	<ul style="list-style-type: none"> ▪ epsos-issue-180: <i>classCode</i> is mandatory (Open) 			

Item	DT	Card	Conf	Description	Label
h17:observation			R		(Ent ... ity)
└ @classCode	cs	1 ... 1	F	OBS	
└ @moodCode	cs	1 ... 1	F	EVN	
└ @negationInd	bl	0 ... 1			
└ h17:templateId	II.EPSOS	1 ... 1	R		(Ent ... ity)
└└ @root	uid	1 ... 1	F	1.3.6.1.4.1.19376.1.5.3.1.4.1	
└ h17:templateId	II.EPSOS	1 ... 1	R		(Ent ... ity)
└└ @root	uid	1 ... 1	F	2.16.840.1.113883.10.20.1.55	
└ h17:id	II.EPSOS	0 ... *	R		(Ent ... ity)
└ h17:code	CD	1 ... 1	R	This observation is of severity, as indicated by the <code> element listed above. This element is required.	(Ent ... ity)
└└ @code		0 ... 1	F	SEV	
└└ @codeSystem	CONF	0 ... 1	F	2.16.840.1.113883.5.4 (ActCode)	

Item	DT	Card	Conf	Description	Label									
└ h17:text	ED	1 ... 1	R	The <observation> element shall contain a <text> element. The <text> element shall contain a <reference> element pointing to the narrative where the severity is recorded	(Ent ... ity)									
└ h17:reference	TEL	1 ... 1	M		(Ent ... ity)									
└ @value		1 ... 1	R	Reference pointing to the narrative, typically #{label}-{generated-id}, e.g. #xxx-1										
└ h17:statusCode	CS	1 ... 1	M	The code attribute of <statusCode> for all severity observations shall be completed. While the <statusCode> element is required in all acts to record the status of the act, the only sensible value of this element in this context is completed.	(Ent ... ity)									
└ @code	CONF	1 ... 1	F	completed										
└ h17:value	CD.EPSOS	0 ... *	R	The <value> element contains the level of severity. It is always represented using the CD datatype (xsi:type='CD') and it shall use the SNOMED codes specified by the epSOSSeverity 1.3.6.1.4.1.12559.11.10.1.3.1.42.13..	(Ent ... ity)									
	<table border="0"> <tr> <td>🎯 epsos-dataelement-302</td> <td>● Problem Severity</td> <td>● epSOS Data Set</td> </tr> <tr> <td>epsos-dataelement-301</td> <td>● Problem Severity</td> <td>● epSOS Data Set</td> </tr> <tr> <td>epsos-dataelement-304</td> <td>● Allergy Severity</td> <td>● epSOS Data Set</td> </tr> </table>					🎯 epsos-dataelement-302	● Problem Severity	● epSOS Data Set	epsos-dataelement-301	● Problem Severity	● epSOS Data Set	epsos-dataelement-304	● Allergy Severity	● epSOS Data Set
🎯 epsos-dataelement-302	● Problem Severity	● epSOS Data Set												
epsos-dataelement-301	● Problem Severity	● epSOS Data Set												
epsos-dataelement-304	● Allergy Severity	● epSOS Data Set												
	CONF	The value of @code shall be drawn from value set 1.3.6.1.4.1.12559.11.10.1.3.1.42.13 epSOSSeverity (DYNAMIC)												

7.2.27 ● Simple Observation 1.3.6.1.4.1.19376.1.5.3.1.4.13 - 2013-12-20

Id	1.3.6.1.4.1.19376.1.5.3.1.4.13	Effective Date	2013-12-20
Status	● Active	Version Label	

Name	EntrySimpleObservation	Display Name	Simple Observation
Description			
<p>The simple observation entry is meant to be an abstract representation of many of the observations used in this specification. It can be made concrete by the specification of a few additional constraints, namely the vocabulary used for codes, and the value representation. A simple observation may also inherit constraints from other specifications (e.g., ASTM/HL7 Continuity of Care Document).</p> <p>2017-07-18 Reverted to the original IHE specification of this template.</p> <p>Note that this template was specified by IHE PCC. Find the referenced specification here: https://art-decor.ihe-europe.net/art-decor/decor-templates--IHE-PCC-?section=templates&id=1.3.6.1.4.1.19376.1.5.3.1.4.13</p>			
Context	Parent nodes of template element with id 1.3.6.1.4.1.19376.1.5.3.1.4.13		
Classification	CDA Entry Level Template		
Open/Closed	Open (other than defined elements are allowed)		
Example	<p>Example</p> <pre><observation classCode="OBS" moodCode="EVN"> <templateId root="1.3.6.1.4.1.19376.1.5.3.1.4.13"/> <id root="" extension=""/> <code code="" displayName="" codeSystem="" codeSystemName=""/> <text> <reference value="#xxx"/> </text> <statusCode code="completed"/> <effectiveTime value=""/> <repeatNumber value=""/> <value xsi:type=""/> <interpretationCode code="" codeSystem="" codeSystemName=""/> <methodCode code="" codeSystem="" codeSystemName=""/> <targetSiteCode code="" codeSystem="" codeSystemName=""/> <author typeCode="AUT"> <assignedAuthor typeCode="ASSIGNED"></pre>		

```
<id root="" extension=""/>
</assignedAuthor>
</author>
</observation>
```



There are open issues with this item:

- epsos-issue-183: *LOINC code for blood group observation* (Open)
- epsos-issue-185: *Template is too specific* (Feedback needed)
- epsos-issue-215: *effectiveTime maximum multiplicity* (Open)

Item	DT	Card	Conf	Description	Label
h17:observation		1 ... 1	R	These acts are simply observations that have occurred, and so are recored using the <observation> element as shown above.	(Ent ... ion)
└ @classCode	cs	1 ... 1	F	OBS	
└ @moodCode	cs	1 ... 1	F	EVN	
└ h17:templateId	II.EPSOS	1 ... 1	M		(Ent ... ion)
└ @root	uid	1 ... 1	F	1.3.6.1.4.1.19376.1.5.3.1.4.13	
└ h17:id	II.EPSOS	1 ... 1	M	Each observation shall have an identifier.	(Ent ... ion)
└ h17:code	CD	1 ... 1	R	Observations shall have a code describing what was measured. The code system used is determined by the vocabulary constraints on the types of measurements that might be recorded in a section. Content modules that are derived from the Simple Observation content module may restrict the code system and code values used for the observation.	(Ent ... ion)











Item	DT	Card	Conf	Description	Label
└ h17:text	ED	1 ... 1	M	Each observation measurement entry may contain a <text> element providing the free text that provides the same information as the observation within the narrative portion of the document with a <text> element. For CDA based uses of Simple Observations, this element SHALL be present, and SHALL contain a <reference> element that points to the related string in the narrative portion of the document. For HL7 Version 3 based uses, the <text> element MAY be included.	(Ent ... ion)
└ h17:statusCode	CS	1 ... 1	M	The status code of all observations shall be completed.	(Ent ... ion)
└ @code	CONF	1 ... 1	F	completed	
└ h17:effectiveTime	IVL_TS	1 ... 1	R	The <effectiveTime> element shall be present in standalone observations , and shall record the date and time when the measurement was taken. This element should be precise to the day. If the date and time is unknown, this element should record that using the nullFlavor attribute.	(Ent ... ion)
└ h17:value	ANY	1 ... *	R	The value of the observation shall be recording using a data type appropriate to the observation. Content modules derived from the Simple Observation content module may restrict the allowable data types used for the observation.	(Ent ... ion)

7.2.28 ● Social History Observation 1.3.6.1.4.1.19376.1.5.3.1.4.13.4 - 2013-12-20

Id	1.3.6.1.4.1.19376.1.5.3.1.4.13.4	Effective Date	2013-12-20
Status	● Active	Version Label	
Name	EntrySocialHistoryObservation	Display Name	Social Histor
Description			
A social history observation is a simple observation that uses a specific vocabulary, and inherits constraints from CCD.			

epSOS functional experts limited the social observations to smoke, alcohol and diet related observations.

The parent of this template is Simple Observation . This template is compatible with the ASTM/HL7 Continuity of Care Document template: 2.16.840.1.113883.10.20.1.33

Context	Parent nodes of template element with id 1.3.6.1.4.1.19376.1.5.3.1.4.13.4			
Classification	CDA Entry Level Template			
Open/Closed	Open (other than defined elements are allowed)			
Associated with	Associated with 2 concepts			
	Id	Name		
	epsos-dataelement-113	 Social History Observations related to: smoke, alcohol and diet		
epsos-dataelement-112	 Social History Observations			
Used by / Uses	Used by 0 transactions and 4 templates, Uses 0 templates			
	Used by	as	Name	
	1.3.6.1.4.1.19376.1.5.3.1.3.16.1	Containment	 Section Coded Social History	
	1.3.6.1.4.1.12559.11.10.1.3.1.1.3		 epSOS-Patient Summary	
	1.3.6.1.4.1.12559.11.10.1.3.1.1.4		 epSOS-Health Care Encounter Report	
1.3.6.1.4.1.12559.11.10.1.3.1.1.5		 epSOS-Medication Related Overview		
Relationship	Specialization: template 2.16.840.1.113883.10.20.1.33 (DYNAMIC)			
	There are open issues with this item:			
	▪ epsos-issue-58: <i>Assign an epSOS specific template ID</i> (Open)			
	▪ epsos-issue-59: <i>Optional of template IDs</i> (Open)			
	▪ epsos-issue-61: <i>types of social observation</i> (Open)			
	▪ epsos-issue-62: <i>Relationship between the type of obs.code and type of obs.value</i> (Open)			
Item	DT	Card	Conf	Description
h17:observation			R	

Item	DT	Card	Conf	Description
<div style="display: flex; justify-content: space-between; align-items: center; border: 1px solid #ccc; padding: 5px;"> epsos-dataelement-112 Social History Observations epSC </div>				
Example				<pre> <observation typeCode="OBS" moodCode="EVN"> <templateId root="1.3.6.1.4.1.19376.1.5.3.1.4.13"/> <templateId root="2.16.840.1.113883.10.20.1.33"/> <templateId root="1.3.6.1.4.1.19376.1.5.3.1.4.13.4"/> <id root=" " extension=" "/> <code code=" " displayName=" " codeSystem=" " codeSystemName=" "/> <text> <reference value="#xxx"/> </text> <statusCode code="completed"/> <effectiveTime> <low value=" "/> <high value=" "/> </effectiveTime> <value xsi:type=" "/> </observation> </pre>
└ h17:templateId	I.IEPSOS	1 .. 1	R	
└ @root	uid	1 .. 1	F	1.3.6.1.4.1.19376.1.5.3.1.4.13
└ h17:templateId	I.IEPSOS	1 .. 1	R	
└ @root	uid	1 .. 1	F	2.16.840.1.113883.10.20.1.33
└ h17:templateId	I.IEPSOS	1 .. 1	R	
└ @root	uid	1 .. 1	F	1.3.6.1.4.1.19376.1.5.3.1.4.13.4

Item	DT	Card	Conf	Description																																								
└ h17:id	IIEPSOS	1 .. 1	M	Since a Social History Observation is fulfilling the rules of a Simple Observation pattern, each Social History Observation shall have a																																								
└ h17:code	CD	1 .. 1	M	<p>The <code> element identifies the type social history observation.</p> <p>The first two columns of following table describe the value set to be used for this attribute, derived from the code system SNOMED CT. The type of the “value” attribute, and the related unit, is reported.</p> <table border="1"> <thead> <tr> <th>CODE</th> <th>VALUE</th> <th></th> <th></th> </tr> <tr> <th>Code</th> <th>displayName</th> <th>xsi:type</th> <th>unit</th> </tr> </thead> <tbody> <tr> <td>229819007</td> <td>Smoking</td> <td>PQ</td> <td>{pack}/d or {pack}/wk or {pack}/a</td> </tr> <tr> <td>256235009</td> <td>Exercise</td> <td></td> <td>{times}/wk</td> </tr> <tr> <td>160573003</td> <td>ETOH (Alcohol) Use</td> <td></td> <td>{drink}/d or {drink}/wk</td> </tr> <tr> <td>364393001</td> <td>Nutritional observable</td> <td>CD</td> <td>N/A</td> </tr> <tr> <td>364703007</td> <td>Employment detail</td> <td></td> <td></td> </tr> <tr> <td>425400000</td> <td>Toxic exposure status</td> <td></td> <td></td> </tr> <tr> <td>363908000</td> <td>Details of drug misuse behavior</td> <td></td> <td></td> </tr> <tr> <td>228272008</td> <td>Health-related behavior</td> <td>ANY</td> <td></td> </tr> </tbody> </table>	CODE	VALUE			Code	displayName	xsi:type	unit	229819007	Smoking	PQ	{pack}/d or {pack}/wk or {pack}/a	256235009	Exercise		{times}/wk	160573003	ETOH (Alcohol) Use		{drink}/d or {drink}/wk	364393001	Nutritional observable	CD	N/A	364703007	Employment detail			425400000	Toxic exposure status			363908000	Details of drug misuse behavior			228272008	Health-related behavior	ANY	
CODE	VALUE																																											
Code	displayName	xsi:type	unit																																									
229819007	Smoking	PQ	{pack}/d or {pack}/wk or {pack}/a																																									
256235009	Exercise		{times}/wk																																									
160573003	ETOH (Alcohol) Use		{drink}/d or {drink}/wk																																									
364393001	Nutritional observable	CD	N/A																																									
364703007	Employment detail																																											
425400000	Toxic exposure status																																											
363908000	Details of drug misuse behavior																																											
228272008	Health-related behavior	ANY																																										

Item	DT	Card	Conf	Description
	CONF			The value of @code shall be drawn from value set 1.3.6.1.4.1.12559.11.10.1.3.1.42.14 <i>epSOSSocialHistory</i> (DYNAMIC)
└ h17:text	ED	1 .. 1	M	Since a Social History Observation is fulfilling the rules of a Simple Observation pattern, each Social History Observation shall have a
└ h17:statusCode	CS	1 .. 1	R	
└ @code	CONF	0 .. 1	F	completed
└ h17:effectiveTime	IVL_TS	1 .. 1	R	The effectiveTime element contains a required low and an optional high subelement representing the start date and potential end date of The low subelement represents the start date of the habit/consumption. The high subelement represents the date the patient stopped the habit/consumption if applicable. This element shall not be present when
└ h17:low		1 .. 1	R	The element shall be present.
└ h17:high		0 .. 1	C	The element shall be present for completed or stopped habits/consumptions, and shall not be present otherwise.
└ h17:repeatNumber			NP	The <repeatNumber> element should not be used in a social history observation.
└ h17:value	ANY	1 .. *	R	The <value> element reports the value associated with the social history observation. The data type to use for each observation should Observations in the table above using the PQ data type have a unit in the form {xxx}/d, {xxx}/wk or {xxx}/a represent the number of i indicates the number of times of the act performed, and the units represent the frequency. The example below shows how to represent :


Item	DT	Card	Conf	Description
				<pre><code code='160573003' displayName='ETOH Use'</pre>
				<pre>codeSystem='2.16.840.1.113883.6.96'</pre>
				<pre>codeSystemName='SNOMED CT'/></pre>
				<pre>:</pre>
				<pre><value xsi:type='PQ' value='1' unit='{drink}/d'/></pre>
				<pre>:</pre>

Item	DT	Card	Conf	Description
				<p>Observations in the table using the CD data type should include coded values from an appropriate vocabulary to represent the social history item. T</p> <pre> : <code code='363908000' displayName='Drug Use' codeSystem='2.16.840.1.113883.6.96' codeSystemName='SNOMED CT' /> : </pre>

Item	DT	Card	Conf	Description
				<pre> <value xsi:type='CD' code='398705004' displayName='cannabis' codeSystem='2.16.840.1.113883.6.96' codeSystemName='SNOMED CT' /> : </pre> <p>Other social history observations may use any appropriate data type.</p>
<p>└ h17:interpretationCode</p>			<p>NP</p>	<p>The <interpretationCode>, <methodCode>, and <targetSiteCode> elements should not be used in a social history observation.</p>
<p>└ h17:methodCode</p>			<p>NP</p>	<p>The <interpretationCode>, <methodCode>, and <targetSiteCode> elements should not be used in a social history observation.</p>

Item	DT	Card	Conf	Description
└ h17:targetSiteCode			NP	The <interpretationCode>, <methodCode>, and <targetSiteCode> elements should not be used in a social history observation.





7.2.29 Vital Signs Observation 1.3.6.1.4.1.19376.1.5.3.1.4.13.2 - 2013-12-20

Id	1.3.6.1.4.1.19376.1.5.3.1.4.13.2	Effective Date	2013-12-20
Status	 Active	Version Label	
Name	EntryVitalSignsObservation	Display Name	Vital Signs Observation

Description










A vital signs observation is a simple observation that uses a specific vocabulary, and inherits constraints from CCD.

Note: Although interpretationCode, methodCode and targetSiteCode are foreseen by the parent template, and initially introduced also in the epSOS template, they are not supposed to be actually used in this version since they were not included in the functional specifications and therefore not validated from a functional point of view. Those element have been retained as optional elements, without vocabulary binding defined, only for future consideration.

Context	Parent nodes of template element with id 1.3.6.1.4.1.19376.1.5.3.1.4.13.2		
Classification	CDA Entry Level Template		
Open/Closed	Open (other than defined elements are allowed)		
Associated with	Associated with 2 concepts		
	Id	Name	Data Set
	epsos-dataelement-121	 Diastolic Blood Pressure	 epSOS Data Set
epsos-dataelement-120	 Systolic Blood Pressure	 epSOS Data Set	

Used by 0 transactions and 5 templates, Uses 0 templates

Used by / Uses

Used by	as	Name	Version
1.3.6.1.4.1.19376.1.5.3.1.4.13.1	Containment	 Vital Signs Organizer	2013-12-20
1.3.6.1.4.1.19376.1.5.3.1.1.5.3.2		 Section Coded Vital Signs	2013-12-20
1.3.6.1.4.1.12559.11.10.1.3.1.1.3		 epSOS-Patient Summary	2013-12-20
1.3.6.1.4.1.12559.11.10.1.3.1.1.4		 epSOS-Health Care Encounter Report	2013-12-20
1.3.6.1.4.1.12559.11.10.1.3.1.1.5		 epSOS-Medication Related Overview	2013-12-20

Example

Example






```
<observation classCode="OBS" moodCode="EVN">
  <templateId root="1.3.6.1.4.1.19376.1.5.3.1.4.13"/>
  <templateId root="2.16.840.1.113883.10.20.1.31"/>
  <templateId root="1.3.6.1.4.1.19376.1.5.3.1.4.13.2"/>
  <id root=" " extension=" "/>
  <code code=" " codeSystem="2.16.840.1.113883.6.1" codeSystemName="LOINC"/>
  <text>
    <reference value="#xxx"/>
  </text>
  <statusCode code="completed"/>
  <effectiveTime value=" "/>
  <repeatNumber value=" "/>
  <value xsi:type="PQ" value=" " unit=" "/>
  <interpretationCode code=" " codeSystem=" " codeSystemName=" "/>
  <methodCode code=" " codeSystem=" " codeSystemName=" "/>
  <targetSiteCode code=" " codeSystem=" " codeSystemName=" "/>
</observation>
```



There is an open issue with this item:

- epsos-issue-115: *More codes in value set* (Open)






Item	DT	Card	Conf	Description	Label
h17:observation		1 ... 1	R		(Ent ... ion)
└ h17:templateId	II.EPSOS	1 ... 1	M		(Ent)

Item	DT	Card	Conf	Description	Label												
					ion)												
└ @root	uid	1 ... 1	F	1.3.6.1.4.1.19376.1.5.3.1.4.13													
└ h17:templateId	II.EPSOS	1 ... 1	M		(Ent ... ion)												
└ @root	uid	1 ... 1	F	2.16.840.1.113883.10.20.1.31													
└ h17:templateId	II.EPSOS	1 ... 1	M		(Ent ... ion)												
└ @root	uid	1 ... 1	F	1.3.6.1.4.1.19376.1.5.3.1.4.13.2													
└ h17:id	II	0 ... *	R		(Ent ... ion)												
└ h17:code	CE.EPSOS	1 ... 1	M	A vital signs observation entry shall use one of the following LOINC codes, with the specified data types and units. <table border="1"> <thead> <tr> <th>LOINC</th> <th>Display Name</th> <th>Unit</th> <th>Datatype</th> </tr> </thead> <tbody> <tr> <td>8480-6</td> <td>INTRAVASCULAR SYSTOLIC</td> <td>mm[Hg]</td> <td>PQ</td> </tr> <tr> <td>8462-4</td> <td>INTRAVASCULAR DIASTOLIC</td> <td>mm[Hg]</td> <td>PQ</td> </tr> </tbody> </table>	LOINC	Display Name	Unit	Datatype	8480-6	INTRAVASCULAR SYSTOLIC	mm[Hg]	PQ	8462-4	INTRAVASCULAR DIASTOLIC	mm[Hg]	PQ	(Ent ... ion)
LOINC	Display Name	Unit	Datatype														
8480-6	INTRAVASCULAR SYSTOLIC	mm[Hg]	PQ														
8462-4	INTRAVASCULAR DIASTOLIC	mm[Hg]	PQ														
	 epsos-dataelement-121  Diastolic Blood Pressure  epSOS Data Set epsos-dataelement-120  Systolic Blood Pressure  epSOS Data Set																
	CONF	The value of @code shall be drawn from value set 1.3.6.1.4.1.12559.11.10.1.3.1.42.21 <i>epSOSBloodPressure</i> (DYNAMIC)															
└ h17:text	ED	0 ... 1	R		(Ent ... ion)												

Item	DT	Card	Conf	Description	Label
					ion)
└ h17:reference	TEL	1 ... 1	M		(Ent ... ion)
└ @value		1 ... 1	R	Reference pointing to the narrative, typically #{label}-{generated-id}, e.g. #xxx-1	
└ h17:statusCode	CS	1 ... 1	M		(Ent ... ion)
└ @code	CONF	1 ... 1	F	completed	
└ h17:effectiveTime	TS	1 ... 1	R	Date when the measurement was done. This date shall be the same as the effective time for the Vital Signs organizer element.	(Ent ... ion)
	Example	<effectiveTime value="20180327"/>			
└ h17:value	PQ	1 ... 1	R	The <value> element shall be present, and shall be of the appropriate data type specified for measure in the table above.	(Ent ... ion)
	CONF	@unit is "mm[Hg]"			
└ h17:interpretationCode	CE	0 ... *	R	The interpretation code may be present to provide an interpretation of the vital signs measure (e.g., High, Normal, Low, et cetera). Not expected to be used in this version of the Patient Summary, retained as optional elements, without vocabulary binding defined, only for future consideration.	(Ent ... ion)

Item	DT	Card	Conf	Description	Label
└ h17:methodCode	CE	0 ... *	R	The <methodCode> element may be present to indicate the method used to obtain the measure. Note that method used is distinct from, but possibly related to the target site. Not expected to be used in this version of the Patient Summary, retained as optional elements, without vocabulary binding defined, only for future consideration.	(Ent ... ion)
└ h17:targetSiteCode	CD	0 ... *	R	The target site of the measure may be identified in the <targetSiteCode> element (e.g., Left arm [blood pressure], oral [temperature], et cetera). Not expected to be used in this version of the Patient Summary, retained as optional elements, without vocabulary binding defined, only for future consideration.	(Ent ... ion)

7.2.30 Vital Signs Organizer 1.3.6.1.4.1.19376.1.5.3.1.4.13.1 - 2013-12-20

Id	1.3.6.1.4.1.19376.1.5.3.1.4.13.1	Effective Date	2013-12-20
Status	 Active	Version Label	
Name	EntryVitalSignsOrganizer	Display Name	Vital Signs Organizer
Description	A vital signs organizer collects vital signs observations.		
Context	Parent nodes of template element with id 1.3.6.1.4.1.19376.1.5.3.1.4.13.1		
Classification	CDA Entry Level Template		
Open/Closed	Open (other than defined elements are allowed)		
Associated with	Associated with 2 concepts		
	Id	Name	Data Set
	epsos-dataelement-119	 Blood Pressure	 epSOS Data Set
	epsos-dataelement-122	 Date when blood pressure was measured	 epSOS Data Set

Used by 0 transactions and 4 templates, Uses 1 template

Used by	as	Name	Version
1.3.6.1.4.1.19376.1.5.3.1.1.5.3.2	Containment	Section Coded Vital Signs	2013-12-20
1.3.6.1.4.1.12559.11.10.1.3.1.1.3		epSOS-Patient Summary	2013-12-20
1.3.6.1.4.1.12559.11.10.1.3.1.1.4		epSOS-Health Care Encounter Report	2013-12-20
1.3.6.1.4.1.12559.11.10.1.3.1.1.5		epSOS-Medication Related Overview	2013-12-20

Uses	as	Name	Version
1.3.6.1.4.1.19376.1.5.3.1.4.13.2	Containment	Vital Signs Observation	DYNAMIC

Example

```

<organizer classCode="CLUSTER" moodCode="EVN">

  <templateId root="2.16.840.1.113883.10.20.1.32"/>
  <templateId root="2.16.840.1.113883.10.20.1.35"/>
  <templateId root="1.3.6.1.4.1.19376.1.5.3.1.4.13.1"/>
  <id root="" extension=""/>
  <code code="46680005" displayName="Vital signs" codeSystem="2.16.840.1.113883.6.96" codeSystemName="SNOMED CT"/>
  <statusCode code="completed"/>
  <effectiveTime value=""/>
  <!-- one or more vital signs observations -->

  <component typeCode="COMP">

    <observation classCode="OBS" moodCode="EVN">

      <templateId root="1.3.6.1.4.1.19376.1.5.3.1.4.13.2"/>
      <!-- ... -->

    </observation>
  </component>
</organizer>
    
```

Item	DT	Card	Conf	Description	Label
h17:organizer		1 ... 1	M	The vital signs organizer is a cluster of vital signs observations.	(Ent ... zer)

epsos-dataelement-119 Blood Pressure epSOS Data Set

Item	DT	Card	Conf	Description	Label
└ @classCode	cs	1 .. 1	F	CLUSTER	
└ @moodCode	cs	1 .. 1	F	EVN	
└ h17:templateId	II.EPSOS	1 .. 1	M		(Ent ... zer)
└ @root	uid	1 .. 1	F	1.3.6.1.4.1.19376.1.5.3.1.4.13.1	
└ h17:templateId	II.EPSOS	1 .. 1	M		(Ent ... zer)
└ @root	uid	1 .. 1	F	2.16.840.1.113883.10.20.1.32	
└ h17:templateId	II.EPSOS	1 .. 1	M		(Ent ... zer)
└ @root	uid	1 .. 1	F	2.16.840.1.113883.10.20.1.35	
└ h17:id	II.EPSOS	1 .. 1	M	The organizer shall have an <id> element.	(Ent ... zer)
└ h17:code	CE.EPSOS	1 .. 1	M	The <code> element shall be recorded as shown above to indicate that this organizer captures information about patient vital signs.	(Ent ... zer)
└ @code		1 .. 1	F	46680005	
└ @codeSystem	CONF	1 .. 1	F	2.16.840.1.113883.6.96 (SNOMED-CT)	

Item	DT	Card	Conf	Description	Label
└ h17:statusCode	CS	1 ... 1	M	The observations have all been completed.	(Ent ... zer)
└ @code	CONF	1 ... 1	F	completed	
└ h17:effectiveTime	TS	1 ... 1	R	The effective time element shall be present to indicate when the measurement was taken. It shall be the same as the effective time on observation level.	(Ent ... zer)
<div style="background-color: #e0ffe0; padding: 5px;"> 🎯 epsos-dataelement-122 🟡 Date when blood pressure was measured 🟡 epSOS Data Set </div>					
Example		Time Stamp TS			
		<code><effectiveTime value="20151201"/></code>			
└ h17:component		1 ... *	M	The organizer shall have one or more <component> elements that are <observation> elements using the <i>Vital Signs Observation</i> template. Contains 1.3.6.1.4.1.19376.1.5.3.1.4.13.2 <i>Vital Signs Observation</i> (DYNAMIC)	(Ent ... zer)
<p>where [hl7:observation [hl7:templateId [@root = '1.3.6.1.4.1.19376.1.5.3.1.4.13']] and hl7:templateId [@root = '2.16.840.1.113883.10.20.1.31'] and hl7:templateId [@root = '1.3.6.1.4.1.19376.1.5.3.1.4.13.2']]]</p>					

7.2.31 🟢 Medication Item 1.3.6.1.4.1.12559.11.10.1.3.1.3.4 - 2013-12-20

Id	1.3.6.1.4.1.12559.11.10.1.3.1.3.4	Effective Date	2013-12-20
Status	🟢 Active	Version Label	
Name	MedicationItem	Display Name	Medication Item
Description			

This entry content module makes use of the medicine and instruction entry content modules. Medications and their prescriptions are perhaps the most difficult data elements to model due to variations in the ways that medications are prescribed.

This profile identifies the following relevant fields of a medication as being important to be able to generate in a medical summary. The table below identifies and describes these fields, and indicates the constraints on whether or not they are required to be sent. The fields are listed in the order that they appear in the CDA XML content.

Field	CDA Tag	Description
Start and Stop Date	<effectiveTime>	The date (and time if available) when the medication regimen began and is expected to finish. The first component of the <effectiveTime> encodes the lower and upper bounds over which the <substanceAdministration> occurs, and the start time is determined from the lower bound. If the medication has been known to be stopped, the high value must be present, but expressed as a flavor of null (e.g., Unknown).
Frequency	<effectiveTime>	The frequency indicates how often the medication is to be administered. It is often expressed as the number of times per day, but which may also include information such as 1 hour before/after meals, or in the morning, or evening. The second <effectiveTime> element encodes the frequency. In cases where split or tapered doses are used, these may be found in subordinate <substanceAdministration> elements.
Route	<routeCode>	The route is a coded value, and indicates how the medication is received by the patient (by mouth, intravenously, topically, et cetera).
Dose	<doseQuantity> <consumable> <manufacturedProduct>	The amount of the medication given. This should be in some known and measurable unit, such as grams, milligrams, et cetera. It may be measured in "administration" units (such as tablets or each), for medications where the strength is relevant. In this case, only the unit count is specified, no units are specified. It may be a range.
Product	<manufacturedMaterial> <name> </manufacturedMaterial> </manufacturedProduct> </consumable> <manufacturedMaterial>	The name of the substance or product. This should be sufficient for a provider to identify the kind of medication. It may be a trade name or a generic name. This information is required in all medication entries. If the name of the medication is unknown, the type, purpose or other description may be supplied. The name should not include packaging, strength or dosing information. Note: Due to restrictions of the CDA schema, there is no way to explicitly link the name to the narrative text.
Strength	<ingredient> <quantity> </quantity> </ingredient>	The strength of the medication is expressed as the ratio of each active ingredient to a unit of medication. For example, the medication Percocet comes in a variety of strengths, which indicate specific amounts of two different medications being received in single tablet. Another example is eye-drops, where the medication is in a solution of a particular strength, and the dose quantity is some number of drops. Note: Due to restrictions of the CDA schema, there is no way to separately record the strength. The epSOS extension is used to provide this information.
Ingredient Code	</manufacturedMaterial> <manufacturedMaterial>	In order to be compliant with the IHE PCC template strength information should be also conveyed through the consumable/code/originalText element as reference to the narrative block. A code describing the active ingredient(s) of the product from a controlled vocabulary, such as ATC, for example.













Field	CDA Tag	Description
	<ingredient>	
	<ingredient>	
	<code/>	
	</ingredient>	
	<ingredient>	
	</manufacturedMaterial>	
Instructions	<entryRelationship>	A place to put free text comments to support additional relevant information, or to deal with specialized dosing instructions. For example, "take with food", or tapered dosing.
Indication	<entryRelationship>	A link to supporting clinical information about the reason for providing the medication (e.g., a link to the relevant diagnosis).

Context Parent nodes of template element with id 1.3.6.1.4.1.12559.11.10.1.3.1.3.4


Classification CDA Entry Level Template








Open/Closed Open (other than defined elements are allowed)

Associated with Associated with 6 concepts

Id	Name	Data Set
epsos-dataelement-110	 Date of onset of treatment	 epSOS Data Set
epsos-dataelement-107	 Number of units per intake	 epSOS Data Set
epsos-dataelement-141	 Instructions to patient	 epSOS Data Set
epsos-dataelement-140	 Route of administration	 epSOS Data Set
epsos-dataelement-109	 Duration of treatment	 epSOS Data Set
epsos-dataelement-108	 Frequency of intakes	 epSOS Data Set

Used by / Uses Used by 0 transactions and 4 templates, Uses 3 templates

Used by	as	Name	Version
1.3.6.1.4.1.12559.11.10.1.3.1.2.3	Containment	 Section Medication Summary	2013-12-20

1.3.6.1.4.1.12559.11.10.1.3.1.1.3		 epSOS-Patient Summary	2013-12-20
1.3.6.1.4.1.12559.11.10.1.3.1.1.4		 epSOS-Health Care Encounter Report	2013-12-20
1.3.6.1.4.1.12559.11.10.1.3.1.1.5		 epSOS-Medication Related Overview	2013-12-20
Uses	as	Name	Version
1.3.6.1.4.1.12559.11.10.1.3.1.3.1	Containment	 epSOS CDA ManufacturedProduct	DYNAMIC
2.16.840.1.113883.3.1937.777.11.10.103	Include	 epSOS CDA author prescriber	DYNAMIC
1.3.6.1.4.1.19376.1.5.3.1.4.3.1	Containment	 Entry Medication FulFillment Instructions	DYNAMIC

Example

```

<substanceAdministration classCode="SBADM" moodCode="INT|EVN">
  <templateId root="2.16.840.1.113883.10.20.1.24"/>
  <templateId root="1.3.6.1.4.1.12559.11.10.1.3.1.3.4"/>
  <id root="" extension=""/>
  <!-- Optional NOT TO BE USED for medication being administered or prescribed -->
  <code code="" codeSystem="" displayName="" codeSystemName=""/>
  <text>
    <reference value="#med-1"/>
  </text>
  <statusCode code="completed"/>
  <effectiveTime xsi:type="IVL_TS">
    <low value=""/>
    <high value=""/>
  </effectiveTime>
  <effectiveTime operator="A" xsi:type="TS|PIVL_TS|EIVL_TS|SXPR_TS">
    <!-- ... -->
  </effectiveTime>
  <routeCode code="" codeSystem="" displayName="" codeSystemName=""/>
  <doseQuantity value="" unit=""/>
  <approachSiteCode code="" codeSystem="" displayName="" codeSystemName=""/>
  <rateQuantity value="" unit=""/>
  <consumable>
    <!-- ... -->
  </consumable>

```

Example

```

<author>
  <time/>
  <assignedAuthor>
    <id/>
    <assignedPerson>
      <name/>
    </assignedPerson>
  </assignedAuthor>
</author>
<!-- 0..* entries describing the components -->

<entryRelationship typeCode="COMP">
  <sequenceNumber value=""/>
</entryRelationship>
<!-- An optional entry relationship that indicates the reason for use -->

<entryRelationship typeCode="RSON">
  <act classCode="ACT" moodCode="EVN">
    <templateId root="1.3.6.1.4.1.19376.1.5.3.1.4.4.1"/>
    <id root="" extension=""/>
  </act>
</entryRelationship>
<!-- Optional instructions for Phramacist -->

<entryRelationship typeCode="SUBJ">
  <!-- ... -->
</entryRelationship>
</substanceAdministration>

```

There are open issues with this item:



- epsos-issue-101: *templates for Normal Dosing, split dosing and combination medication* (Deferred)
- epsos-issue-153: *Example: Invalid XML* (Deferred)
- epsos-issue-171: *multiple instances of effectiveTime* (Open)
- epsos-issue-188: *Dosing-specific templates do not appear in template ID list* (Open)
- epsos-issue-199: *doseQuantity: value set binding for units* (Open)
















Item	DT	Card	Conf	Description	Label
h17:substanceAdministration			R	The general model is to record each prescribed medication in a <substanceAdministration>	(Med...

Item	DT	Card	Conf	Description	Label
				<p>intent (moodCode='INT'). To record medications which were taken in the past, the moodCode shall be set to 'EVN'. The <substanceAdministration> element may contain subordinate <substanceAdministration> elements in a related component entry to deal with special cases (see the following sections below on Special Cases).</p> <p>These cases include split, tapered, or conditional dosing, or combination medications. The use of subordinate <substanceAdministration> elements to deal with these cases is optional. The comment field should always be used in these cases to provide the same information as free text in the top level <substanceAdministration> element. There are a variety of special cases for dosing that need to be accounted for. These are described below. Most of these special cases involve changing the dosage or frequency over time, or based on some measurement. When the dosage changes, then additional entries are required for each differing dosage. The last case deals with combination medications.</p> <p>For the purposes of WP3.5 only the normal, the split dosing and the combination medications are addressed.</p> <ul style="list-style-type: none"> ▪ Normal Dosing 1.3.6.1.4.1.19376.1.5.3.1.4.7.1 <p>This template identifier is used to identify medication administration events that do not require any special processing. The parent template is 1.3.6.1.4.1.19376.1.5.3.1.4.7. Medications that use this template identifier shall not use subordinate <substanceAdministration> acts.</p> <ul style="list-style-type: none"> ▪ Combination Medications 1.3.6.1.4.1.19376.1.5.3.1.4.11 <p>This template identifier is used to identify medication administration events that require special processing to handle combination medications. The parent template is 1.3.6.1.4.1.19376.1.5.3.1.4.7. A combination medication is made up of two or more other medications. These may be prepackaged, such as Percocet, which is a combination of Acetaminophen and oxycodone in predefined ratios, or prepared by a pharmacist, such as a GI cocktail.</p> <p>In the case of the prepackaged combination, it is sufficient to supply the name of the combination drug product, and its strength designation in a single <substanceAdministration> entry. The dosing information should then be recorded as simply a count of administration units.</p>	tem)







Item	DT	Card	Conf	Description	Label
				<p>In the latter case of a prepared mixture, the description of the mixture should be provided as the product name (e.g., "GI Cocktail"), in the <substanceAdministration> entry. That entry may, but is not required, to have subordinate <substanceAdministration> entries included beneath it to record the components of the mixture.</p> <ul style="list-style-type: none"> ▪ Split Dosing 1.3.6.1.4.1.19376.1.5.3.1.4.9 <p>This template identifier is used to identify medication administration events that require special processing to handle split dosing. The parent template is 1.3.6.1.4.1.19376.1.5.3.1.4.7. A split dose is often used when different dosages are given at different times (e.g., at different times of day, or on different days). This may be to account for different metabolism rates at different times of day, or to simply address drug packaging deficiencies (e.g., and order for Coumadin 2mg on even days, 2.5mg on odd days is used because Coumadin does not come in a 2.25mg dose form).</p> <p>In this case a subordinate <substanceAdministration> entry is required for each separate dosage.</p> <p>Other template IDs exist for the tapered doses, split dosing, conditional dosing, and combination medications. The reader is pointed to the PCC-TF:2 section 6.1.4.16.5. For the epSOS purposes, only the normal, the combination and the split dosing are described.</p>	
└ @classCode	cs	1 ... 1	F	SBADM	
└ @moodCode	cs	1 ... 1	R		
				<div style="border: 1px solid gray; padding: 2px; display: inline-block;">CONF</div> <p>@moodCode shall be "INT" or @moodCode shall be "EVN"</p>	
└ h17:templateId	II.EPSOS	0 ... 1	R	(CCD)	(Med... tem)




Item	DT	Card	Conf	Description	Label
└ @root	uid	1 ... 1	F	2.16.840.1.113883.10.20.1.24	
└ h17:templateId	I1.EPSOS	0 ... 1	R	IHE PCC templateId Note: The usage of statusCode values different from “completed” makes this specification not formally compliant with the current IHE PCC specification of the Medication Item Entry Content Module. All the requirements of conformance assertion with these IHE PCC templates cannot therefore be applied until the revision – if any - of the referenced IHE PCC templates.	(Med...tem)
└ @root	uid	1 ... 1	F	1.3.6.1.4.1.19376.1.5.3.1.4.7	
└ h17:templateId	I1.EPSOS	1 ... 1	R	(epSOS)	(Med...tem)
└ @root	uid	1 ... 1	F	1.3.6.1.4.1.12559.11.10.1.3.1.3.4	
└ h17:templateId	I1.EPSOS	0 ... 1	R	A "normal" <substanceAdministration> act that may not contain any subordinate <substanceAdministration> acts	(Med...tem)
└ @root	uid	1 ... 1	F	1.3.6.1.4.1.19376.1.5.3.1.4.7.1	
└ h17:templateId	I1.EPSOS	0 ... 1	R	A <substanceAdministration> act that records combination medication component information in subordinate <substanceAdministration> acts.	(Med...tem)
└ @root	uid	1 ... 1	F	1.3.6.1.4.1.19376.1.5.3.1.4.11	
└ h17:templateId	I1.EPSOS	0 ... 1	R	A <substanceAdministration> act that records split dose information in subordinate <substanceAdministration> acts.	(Med...tem)
└ @root	uid	1 ... 1	F	1.3.6.1.4.1.19376.1.5.3.1.4.9	
└ h17:id	I1.EPSOS	1 ... 1	M	A top level <substanceAdministration> element must be uniquely identified. This can be the prescription item ID if appropriate. Although HL7 allows for multiple identifiers, one and only one shall be used.	(Med...tem)
└ h17:code	CD.EPSOS	0 ... 1	R	The <code> element is used to supply a code that describes the <substanceAdministration> act, not the medication being administered or prescribed . This may be a procedure code, such as those found in ICD-10, or may describe the method of medication administration,	(Med...tem)

Item	DT	Card	Conf	Description	Label
				such as by intravenous injection. The type of medication is coded in the consumable; do not supply the code for the medication in this element. This element is optional. Note: One of the values from the Value Set epSOSCodeNoMedication shall be used in the <code> element to record that a patient is either not on medications, or that medications are not known.	
	CONF	The value of @code shall be drawn from value set 1.3.6.1.4.1.12559.11.10.1.3.1.42.22 epSOSCodeNoMedication (DYNAMIC)			
└ h17:text	ED	0 ... 1	R		(Med...tem)
 epsos-dataelement-141  Instructions to patient  epSOS Data Set					
Example		<text>...</text>			
└ h17:reference		0 ... 1	R	The URI given in the value attribute of the <reference> element points to an element in the narrative content that contains the complete text describing the medication. In a CDA document, the URI given in the value attribute of the <reference> element points to an element in the narrative content that contains the complete text describing the medication.	(Med...tem)
Example		<reference value="#eP_as_text"/>			
└ h17:statusCode	CS	1 ... 1	M	The status of all <substanceAdministration> elements must be either "active" or "completed". Status of "active" indicates a currently valid prescription, status of completed indicates a previously taken medication.	(Med...tem)
	CONF	@code shall be "active" or @code shall be "completed"			
Example		<statusCode code="active"/>			
└ h17:effectiveTime	IVL_TS	1 ... 1	R	The first <effectiveTime> element encodes the start and stop time of the medication regimen. This is an interval of time (xsi:type='IVL_TS'), and must be specified as shown. This is an additional constraint placed upon CDA Release 2.0 by this profile, and simplifies the exchange of start/stop and frequency information between EMR systems. The <low> and <high> values of the first <effectiveTime> element represent the start and	(Med...tem)

Item	DT	Card	Conf	Description	Label						
				<p>stop times for the medication. The <low> value represents the start time, and the <high> value represents the stop time. If either the <low> or the <high> value is unknown, this shall be recorded by setting the nullFlavor attribute to UNK.</p> <p>The <high> value records the end of the medication regime according to the information provided in the prescription or order. For example, if the prescription is for enough medication to last 30 days, then the high value should contain a date that is 30 days later than the <low> value. The rationale is that a provider, seeing an un-refilled prescription would normally assume that the medication is no longer being taken, even if the intent of the treatment plan is to continue the medication indefinitely.</p>							
<p>where [1]</p>											
<table border="0" style="width: 100%;"> <tr> <td style="width: 30%;"> epsos-dataelement-110</td> <td style="width: 30%;"> Date of onset of treatment</td> <td style="width: 30%;"> epSOS Data Set</td> </tr> <tr> <td>epsos-dataelement-109</td> <td> Duration of treatment</td> <td> epSOS Data Set</td> </tr> </table>						 epsos-dataelement-110	 Date of onset of treatment	 epSOS Data Set	epsos-dataelement-109	 Duration of treatment	 epSOS Data Set
 epsos-dataelement-110	 Date of onset of treatment	 epSOS Data Set									
epsos-dataelement-109	 Duration of treatment	 epSOS Data Set									
<p>Example</p>	<pre><effectiveTime xsi:type="IVL_TS"> <low value="20130321"/> <high value="20140321"/> </effectiveTime></pre>										
<p>└ h17:effectiveTime</p>		<p>1 ... *</p>	<p>R</p>	<p>The second <effectiveTime> element records the frequency of administration.</p> <p>This <effectiveTime> element must be intersected with the previous time specification (operator='A'), producing the bounded set containing only those time specifications that fall within the start and stop time of the medication regimen. Several common frequency expressions appear in the table below, along with their XML representations.</p> <p>This effectiveTime has a xsi:type of either TS, PIVL_TS, EIVL_TS, or SXPR_TS.</p> <table border="0" style="width: 100%;"> <thead> <tr> <th style="text-align: left;">Frequency Description</th> <th style="text-align: left;">XML Representation</th> </tr> </thead> <tbody> <tr> <td>b.i.d. Twice a day</td> <td><effectiveTime xsi:type='PIVL_TS' institutionSpecified='true' operator='A'> <period value='12' unit='h' /></effectiveTime></td> </tr> <tr> <td>q12h Every 12 hours</td> <td><effectiveTime xsi:type='PIVL_TS' institutionSpecified='false' operator='A'> <period</td> </tr> </tbody> </table>	Frequency Description	XML Representation	b.i.d. Twice a day	<effectiveTime xsi:type='PIVL_TS' institutionSpecified='true' operator='A'> <period value='12' unit='h' /></effectiveTime>	q12h Every 12 hours	<effectiveTime xsi:type='PIVL_TS' institutionSpecified='false' operator='A'> <period	<p>(Med--- tem)</p>
Frequency Description	XML Representation										
b.i.d. Twice a day	<effectiveTime xsi:type='PIVL_TS' institutionSpecified='true' operator='A'> <period value='12' unit='h' /></effectiveTime>										
q12h Every 12 hours	<effectiveTime xsi:type='PIVL_TS' institutionSpecified='false' operator='A'> <period										

Item	DT	Card	Conf	Description	Label
				<p>Once Once, on 2005-09-01 at 1:18am.</p> <p>t.i.d. Three times a day, at times determined by the person administering the medication .</p> <p>q8h Every 8 hours</p> <p>qam In the morning</p> <p> Every day at 8 in the morning for 10 minutes</p> <p>q4-6h Every 4 to 6 hours.</p> <p>The mean (average) of the low and high values is specified for the period. The mean of 4 and 6 is 5. The standard deviation is recorded as one half the differences between the high and low values, with an unspecified distribution. The type attribute of the <effectiveTime> element describes the kind of frequency specification it contains. More detail is given for each type in the table below.</p> <p>xsi:type Description</p> <p>TS An xsi:type of TS represents a single point in time, and is the simplest of all to represent. The value attribute of the <effectiveTime> element specifies the point in time in HL7 date-time format (CCYYMMDDHHMMSS)</p> <p>PIVL_TS An xsi:type of PIVL_TS is the most commonly used, representing a periodic interval of time. The <low> element of <phase> may be present. If so it specifies the starting point, and only the lower order components of this value are relevant with respect to the <period>. The <width> element represents the duration of the dose administration (e.g., for IV administration). The <period> indicates how</p>	

Item	DT	Card	Conf	Description	Label
				<p>often the dose is given. Legal values for the unit attribute of <period> are s, min, h, d, wk and mo representing seconds, minutes, hours, days, weeks, and months respectively.</p> <p>An xsi:type of EIVL_TS represents an event based time interval, where the event is not a precise time, but is often used for timing purposes (e.g. with meals, between meals, before breakfast, before sleep). Refer to the HL7 TimingEvent vocabulary for the codes to use for the <event> element. This interval may specify an <offset> which provides information about the time offset from the specified event (e.g., <offset><low value=-1' unit='h'/><width value='10' unit='min'/></offset> means 1 hour before the event. In that same example, the <width> element indicates the duration for the dose to be given.</p> <p>An xsi:type of SXPR_TS represents a parenthetical set of time expressions. This type is used when the frequency varies over time (e.g., for some cases of tapered dosing, or to handle split dosing). The <comp> elements of this <effectiveTime> element are themselves time expressions (using any of the types listed above). Each <comp> element may specify an operator (e.g. to intersect or form the union of two sets).</p>	
where [<i>position()</i> >1]					
<div style="display: flex; justify-content: space-between; align-items: center; background-color: #e0ffe0; padding: 5px;">  epsos-dataelement-108  Frequency of intakes  epSOS Data Set </div>					
└ @operator	cs	1 ... 1	F	A	
└ h17:routeCode	CE.EPSOS	0 ... 1	R	The <routeCode> element specifies the route of administration using the EDQM route of administration vocabulary. A code must be specified if the route is known, and the displayName attribute should be specified. If the route is unknown, this element shall not be sent.	(Med... tem)
<div style="display: flex; justify-content: space-between; align-items: center; background-color: #e0ffe0; padding: 5px;">  epsos-dataelement-140  Route of administration  epSOS Data Set </div>					
		CONF	The value of @code shall be drawn from value set 1.3.6.1.4.1.12559.11.10.1.3.1.42.12 <i>epSOSRouteofAdministration</i> (DYNAMIC)		
└ h17:doseQuantity	IVL_PQ	0 ... 1	R	The dose is specified in the <doseQuantity> element.	(Med... tem)

Item	DT	Card	Conf	Description	Label
				<p>If a dose range is given (e.g., 1-2 tablets, or 325-750mg), then the <low> and <high> bounds are specified in their respective elements...</p> <p>If the dose is in countable items (tablets, caplets, "eaches"), then the unit should be valorized = '1'. In this case it is allowed to use the UCUM annotations for describing the type of countable items (e.g. {tablet}, {puff},...).</p> <p>The unit attribute – when expresses unit of measures- shall be derived from the Value Sets epSOSUnits, 1.3.6.1.4.1.12559.11.10.1.3.1.42.16 based on the UCUM code system. The countable units attribute is derived from the value set epSOSDoseForm, OID 1.3.6.1.4.1.12559.11.10.1.3.1.42.2</p>	
<div style="display: flex; justify-content: space-between; align-items: center;">  epsos-dataelement-107  Number of units per intake  epSOS Data Set </div>					
Example		<code><doseQuantity nullFlavor="UNK">...</doseQuantity></code>			
Example		<code><doseQuantity value="2" unit="{tablet}"/></code>			
└ h17:rateQuantity	IVL_PQ	0 ... 1	R	<p>The rate is specified in the <rateQuantity> element. The rate is given in units that have measure over time. In this case, the units should be specified as a string made up of a unit of measure (see doseQuantity above), followed by a slash (/), followed by a time unit (s, min, h or d).</p> <p>Again, if a range is given, then the <low> and <high> elements contain the lower and upper bound of the range, otherwise, they contain the same value.</p> <p>Any <low> and <high> elements used for <doseQuantity> or <rateQuantity> should contain a <translation> element that provides a <reference> to the <originalText> found in the narrative body of the document.</p> <p>In a CDA document, any <low> and <high> elements used for <doseQuantity> or <rateQuantity> SHOULD contain a <translation> element that provides a <reference> to the <originalText> found in the narrative body of the document.</p>	(Med--- tem)
└ h17:consumable		1 ... 1	R	<p>The <consumable> element shall be present, and shall contain a <manufacturedProduct> element, conforming to the Medicine Entry Content module template.</p> <p>Contains 1.3.6.1.4.1.12559.11.10.1.3.1.3.1 epSOS CDA ManufacturedProduct (DYNAMIC)</p>	(Med--- tem)








Item	DT	Card	Conf	Description	Label
where [hl7:manufacturedProduct [hl7:templateId [@root = '1.3.6.1.4.1.12559.11.10.1.3.1.3.1']]]					
└ @typeCode	cs	0 ... 1	F	CSM	
				from 2.16.840.1.113883.3.1937.777.11.10.103 epSOS CDA author prescriber (DYNAMIC)	
Included		0 ... *	R	In the case where there is a prescriber of a medication, the prescriber is represented by the <author> element of the entry. See the Prescriber description for the structure of the <author> element.	
└ hl7:author		0 ... *	R		(Med...tem)
└ @typeCode	cs	0 ... 1	F	AUT	
└ @contextControlCode	cs	0 ... 1	F	OP	
└ hl7:functionCode	CE.EPSOS	1 ... 1	M		R1.10.6
	CONF			The value of @code shall be drawn from value set 1.3.6.1.4.1.12559.11.10.1.3.1.42.1 epSOSHealthcareProfessionalRoles (DYNAMIC)	
└ hl7:time	TS.EPSOS.TZ	1 ... 1	R	The author/time element represents the start time of the author's participation in the creation of the clinical document. The author/time element SHALL be present.	(Med...tem)
└ hl7:assignedAuthor		1 ... 1	R		(Med...tem)
└ @classCode	cs	0 ... 1	F	ASSIGNED	
	Schematron assert	role	error		
		test		@nullFlavor or hl7:assignedPerson or hl7:assignedAuthoringDevice	
		Message		If assignedAuthor has an associated representedOrganization with no assignedPerson or assignedAuthoringDevice, then the value for "ClinicalDocument/author/assignedAuthor/id/@NullFlavor" SHALL be "NA" "Not applicable" 2.16.840.1.113883.5.1008 NullFlavor STATIC.	

Item	DT	Card	Conf	Description	Label
└ h17:id	I.LEPSOS	1 ... *	R	HP ID number	R1.10.5
└ @nullFlavor	cs	0 ... 1	F	NA	
└ h17:code	CE.EPSOS	0 ... 1	R	HP Specialty	R1.10.7
└ h17:addr	AD.EPSOS	1 ... *	R		IHE PCC
└ h17:telecom	TELE.EPSOS	1 ... *	R	Attribute @value SHALL contain a URI if element telecom is used. The URI scheme SHALL be one of URLScheme	IHE PCC / R1.10.8 / R1.10.8.1 / R1.10.8.2
└ @use	set_cs	0 ... 1			
	CONF			The value of @use shall be drawn from value set 1.3.6.1.4.1.12559.11.10.1.3.1.42.40 <i>epSOSTelecomAddress</i> (DYNAMIC)	
└ h17:assignedPerson		1 ... 1	M		(Med... tem)
└ @classCode	cs	0 ... 1	F	PSN	
└ @determinerCode	cs	0 ... 1	F	INSTANCE	
└ h17:name	PN	1 ... 1	R	HP Name	IHE PCC
	Example	<pre> <name> <given>John</given> <family>Español Smith</family> </name> </pre>			

Item	DT	Card	Conf	Description	Label
└ h17:family		1 ... *	R	HP Family Name/Surname	R1.10.1
└ h17:given		1 ... *	R	HP Given Name	R1.10.2
└ h17:prefix		0 ... *	R	HP Prefix	R1.10.3
└ h17:suffix		0 ... *	R	HP Suffix	R1.10.4
└ h17:representedOrganization		1 ... 1	R	Contains 2.16.840.1.113883.3.1937.777.11.10.111 <i>epSOS CDA Organization</i> (DYNAMIC)	R1.10.9
└ h17:entryRelationship		0 ... *	R	<p>An entry relationship may be present to provide the fulfillment instructions. When present, this entry relationship shall contain a Medication Fulfillment Instructions entry content module.</p> <p>Again, a related statement is made about the medication or immunization. In CDA, this observation is recorded inside an <entryRelationship> element occurring at the end of the substance administration or supply entry. The containing <act> is the subject (typeCode='SUBJ') of this new observation, which is the inverse of the normal containment structure, thus inversionInd='true'.</p> <p>Contains 1.3.6.1.4.1.19376.1.5.3.1.4.3.1 <i>Entry Medication Fulfillment Instructions</i> (DYNAMIC)</p>	(Med...tem)
where [hl7:act [hl7:templateId [@root = '2.16.840.1.113883.10.20.1.43']] and hl7:templateId [@root = '1.3.6.1.4.1.19376.1.5.3.1.4.3.1']]					
└ @typeCode	cs	1 ... 1	F	SUBJ	
└ @inversionInd	bl	1 ... 1	R		
└ h17:entryRelationship		0 ... *	R	<p>A top level <substanceAdministration> element may contain one or more related components, either to handle split dosing, or to support combination medications.</p> <p>In the first case, the subordinate components shall specify only the changed</p>	(Med...tem)

Item	DT	Card	Conf	Description	Label
				<p><effectiveTime> and/or <doseQuantity> elements. The value of the <sequenceNumber> shall be an ordinal number, starting at 1 for the first component, and increasing by 1 for each subsequent component. Components shall be sent in <sequenceNumber> order.</p> <p>This information is given for informative purposes as only normal or combination medications are administered in epSOS.</p>	
└ @typeCode	cs	1 ... 1	F	COMP	
└ h17:sequenceNumber	INT	1 ... 1	M		(Med...tem)

7.2.32 Section Active Problems 1.3.6.1.4.1.19376.1.5.3.1.3.6 - 2013-12-20

Id	1.3.6.1.4.1.19376.1.5.3.1.3.6	Effective Date	2013-12-20				
Status	 Active	Version Label					
Name	SectionActiveProblems	Display Name	Section Active Problems				
Description							
The active problem section shall contain a narrative description of the conditions currently being monitored for the patient. It shall include entries for patient conditions as described in the Entry Content Module.							
Context	Parent nodes of template element with id 1.3.6.1.4.1.19376.1.5.3.1.3.6						
Classification	CDA Section Level Template						
Open/Closed	Open (other than defined elements are allowed)						
Associated with	Associated with 1 concept						
	<table border="1"> <thead> <tr> <th>Id</th> <th>Name</th> <th>Data Set</th> </tr> </thead> <tbody> <tr> <td>epsos-dataelement-83</td> <td> Problem/Diagnosis</td> <td> epSOS Data Set</td> </tr> </tbody> </table>	Id	Name	Data Set	epsos-dataelement-83	 Problem/Diagnosis	 epSOS Data Set
Id	Name	Data Set					
epsos-dataelement-83	 Problem/Diagnosis	 epSOS Data Set					
Used by / Uses	Used by 0 transactions and 3 templates, Uses 1 template						
	<table border="1"> <thead> <tr> <th>Used by</th> <th>as</th> <th>Name</th> <th>Version</th> </tr> </thead> <tbody> </tbody> </table>	Used by	as	Name	Version		
Used by	as	Name	Version				

1.3.6.1.4.1.12559.11.10.1.3.1.1.3	Containment		epSOS-Patient Summary	2013-12-20
1.3.6.1.4.1.12559.11.10.1.3.1.1.4	Containment		epSOS-Health Care Encounter Report	2013-12-20
1.3.6.1.4.1.12559.11.10.1.3.1.1.5	Containment		epSOS-Medication Related Overview	2013-12-20
Uses	as		Name	Version
1.3.6.1.4.1.19376.1.5.3.1.4.5.2	Containment		Problem Concern	DYNAMIC

Relationship

Specialization: template 2.16.840.1.113883.10.20.1.11 (DYNAMIC)




There is an open issue with this item:

- epsos-issue-92: the referenced entry ID to be updated (Open)







Item	DT	Card	Conf	Description	Label
h17:section		1 ... 1	M		(Sec ... ems)
				epsos-dataelement-83 Problem/Diagnosis epSOS Data Set	
└ @classCode	cs	0 ... 1	F	DOCSECT	
└ h17:templateId	II.EPSOS	1 ... 1	M	Active Problems	(Sec ... ems)
└ @root	uid	1 ... 1	F	1.3.6.1.4.1.19376.1.5.3.1.3.6	
└ h17:templateId	II.EPSOS	1 ... 1	M	CCD 3.5	(Sec ... ems)
└ @root	uid	1 ... 1	F	2.16.840.1.113883.10.20.1.11	
└ h17:id	II.EPSOS	0 ... 1	R		(Sec ... ems)

Item	DT	Card	Conf	Description	Label
└ h17:code	CE.EPSOS	1 ... 1	M	Problem list	(Sec ... ems)
└ @code	CONF	1 ... 1	F	11450-4	
└ @codeSystem		1 ... 1	F	2.16.840.1.113883.6.1 (LOINC)	
└ h17:title	ST	1 ... 1	M	Active Problems	(Sec ... ems)
└ h17:text	SD.TEXT	1 ... 1	M	Section text	(Sec ... ems)
└ h17:entry		0 ... *	R	Contains 1.3.6.1.4.1.19376.1.5.3.1.4.5.2 <i>Problem Concern</i> (DYNAMIC)	(Sec ... ems)
where [hl7:act [hl7:templateId [@root = '2.16.840.1.113883.10.20.1.27'] and hl7:templateId [@root = '1.3.6.1.4.1.19376.1.5.3.1.4.5.1'] and hl7:templateId [@root = '1.3.6.1.4.1.19376.1.5.3.1.4.5.2']]]					

7.2.33 Section Allergies and Other Adverse Reactions 1.3.6.1.4.1.19376.1.5.3.1.3.13 - 2013-12-20

Id	1.3.6.1.4.1.19376.1.5.3.1.3.13	Effective Date	2013-12-20
Status	 Active	Version Label	
Name	SectionAllergiesAndOtherAdverseReactions	Display Name	Section Allergies and Other Adverse Reactions
Description			
<p>The adverse and other adverse reactions section shall contain a narrative description of the substance intolerances and the associated adverse reactions suffered by the patient. It shall include entries for intolerances and adverse reactions as described in the Entry Content Modules.</p> <p>The parent of this template is CCD 3.8. This template is compatible with the ASTM/HL7 Continuity of Care Document template: 2.16.840.1.113883.10.20.1.2</p>			

The field "alerts" was originally defined to include all the important and objective medical information that should be highlighted (such as allergies, thrombosis risk, immune deficit ...etc). When defining the content only allergies and intolerance to drugs appear to be the common understanding and the easiest to be transferred. A lot of surveys are being made in different countries (not only in Europe) to make a more evidence-based definition of what should be represented and should not by the concept "alerts", hence not enough information could be provided to take a further decision. As epSOS's intention is not to duplicate information, this shall not be repeated. Alerts are difficult to represent since they are contextual. Alerts may be represented as severe or life-threatening allergies or other adverse reactions. Another area are certain selected procedures and implanted devices. The section Allergies and Other Adverse Reactions contains the medical alerts as well, based on the severity, and their representation becomes a Country B choice.

Context	Parent nodes of template element with id 1.3.6.1.4.1.19376.1.5.3.1.3.13		
Classification	CDA Section Level Template		
Open/Closed	Open (other than defined elements are allowed)		
Associated with	Associated with 1 concept		
	Id	Name	Data Set
	epsos-dataelement-58	 Allergy	 epSOS Data Set
Used by / Uses	Used by 0 transactions and 3 templates, Uses 1 template		
	Used by	as	Name
	1.3.6.1.4.1.12559.11.10.1.3.1.1.3	Containment	 epSOS-Patient Summary
	1.3.6.1.4.1.12559.11.10.1.3.1.1.4	Containment	 epSOS-Health Care Encounter Report
	1.3.6.1.4.1.12559.11.10.1.3.1.1.5	Containment	 epSOS-Medication Related Overview
	Uses	as	Name
	1.3.6.1.4.1.19376.1.5.3.1.4.5.3	Containment	 Allergy and Intolerance Concern
Relationship	Specialization: template 2.16.840.1.113883.10.20.1.2 (DYNAMIC)		
Example	<p>Example</p> <pre><section> <templateId root="2.16.840.1.113883.10.20.1.2"/> <templateId root="1.3.6.1.4.1.19376.1.5.3.1.3.13"/> <id root=" " extension=" "/> <code code="48765-2" displayName="Allergies, adverse reactions, alerts" codeSystem="2.16.840.1.113883.6.1" codeSystemName="LOINC"/> <title>Allergies and Other Adverse Reactions</title></pre>		

```

<text>Text as described above</text>
<entry>

  <!-- ... -->

  <!-- Required Allergies and Intolerances Concern element -->

  <templateId root="1.3.6.1.4.1.19376.1.5.3.1.4.5.3"/>
  <!-- ... -->

</entry>
</section>
    
```



There is an open issue with this item:

- epsos-issue-205: *id cardinality* (Open)

Item	DT	Card	Conf	Description	Label
h17:section		1 .. 1	M		(Sections)
<div style="border: 1px solid green; padding: 5px; margin: 5px 0;"> 🎯 epsos-dataelement-58 🎯 Allergy 🎯 epSOS Data Set </div>					
└ @classCode	cs	0 .. 1	F	DOCSECT	
└ h17:templateId	II.EPSOS	1 .. 1	M	CCD 3.8	(Sections)
└ @root	uid	1 .. 1	F	2.16.840.1.113883.10.20.1.2	
└ h17:templateId	II.EPSOS	1 .. 1	M	Allergies and Other Adverse Reactions	(Sections)
└ @root	uid	1 .. 1	F	1.3.6.1.4.1.19376.1.5.3.1.3.13	
└ h17:id	II.EPSOS	0 .. 1	R		(Sections)

Item	DT	Card	Conf	Description	Label
└ h17:code	CE.EPSOS	1 ... 1	M	Allergies, adverse reactions, alerts	(Sec ... ons)
└ @code	CONF	1 ... 1	F	48765-2	
└ @codeSystem		1 ... 1	F	2.16.840.1.113883.6.1 (LOINC)	
└ h17:title	ST	1 ... 1	M	Allergies and Other Adverse Reactions	(Sec ... ons)
└ h17:text	SD.TEXT	1 ... 1	M	Section text	(Sec ... ons)
└ h17:entry		0 ... *	R	Contains 1.3.6.1.4.1.19376.1.5.3.1.4.5.3 <i>Allergy and Intolerance Concern</i> (DYNAMIC)	(Sec ... ons)
where [hl7:act [hl7:templateId [@root = '2.16.840.1.113883.10.20.1.27'] and hl7:templateId [@root = '1.3.6.1.4.1.19376.1.5.3.1.4.5.1'] and hl7:templateId [@root = '1.3.6.1.4.1.19376.1.5.3.1.4.5.3']]]					

7.2.34 ● Section Coded List of Surgeries 1.3.6.1.4.1.19376.1.5.3.1.3.12 - 2013-12-20

Id	1.3.6.1.4.1.19376.1.5.3.1.3.12	Effective Date	2013-12-20
Status	● Active	Version Label	
Name	SectionCodedListOfSurgeries	Display Name	Section Coded List of Surgeries

Description

The list of surgeries section shall include entries for procedures and references to procedure reports when known as described in the Entry Content Modules. In epSOS this section should be used to describe the Surgical Procedures prior past six months (optional) and shall be used to record the Major Surgical Procedures past 6 months (required). This choice of considering a time based distinction was due by the subjectivity of ‘relevancy’ for automatically assembled PS.

As the date can be seen from the procedure, the two have the same expression. It is up to the implementers of the system to display it in a different way.

Context	Parent nodes of template element with id 1.3.6.1.4.1.19376.1.5.3.1.3.12																				
Classification	CDA Section Level Template																				
Open/Closed	Open (other than defined elements are allowed)																				
Associated with	<p>Associated with 1 concept</p> <table border="1"> <thead> <tr> <th>Id</th> <th>Name</th> <th>Data Set</th> </tr> </thead> <tbody> <tr> <td>epsos-dataelement-1</td> <td> Surgical Procedure</td> <td> epSOS Data Set</td> </tr> </tbody> </table>	Id	Name	Data Set	epsos-dataelement-1	Surgical Procedure	epSOS Data Set														
Id	Name	Data Set																			
epsos-dataelement-1	Surgical Procedure	epSOS Data Set																			
Used by / Uses	<p>Used by 0 transactions and 2 templates, Uses 1 template</p> <table border="1"> <thead> <tr> <th>Used by</th> <th>as</th> <th>Name</th> <th>Version</th> </tr> </thead> <tbody> <tr> <td>1.3.6.1.4.1.12559.11.10.1.3.1.1.3</td> <td>Containment</td> <td> epSOS-Patient Summary</td> <td>2013-12-20</td> </tr> <tr> <td>1.3.6.1.4.1.12559.11.10.1.3.1.1.4</td> <td>Containment</td> <td> epSOS-Health Care Encounter Report</td> <td>2013-12-20</td> </tr> </tbody> </table> <table border="1"> <thead> <tr> <th>Uses</th> <th>as</th> <th>Name</th> <th>Version</th> </tr> </thead> <tbody> <tr> <td>1.3.6.1.4.1.19376.1.5.3.1.4.19</td> <td>Containment</td> <td> Procedure</td> <td>DYNAMIC</td> </tr> </tbody> </table>	Used by	as	Name	Version	1.3.6.1.4.1.12559.11.10.1.3.1.1.3	Containment	epSOS-Patient Summary	2013-12-20	1.3.6.1.4.1.12559.11.10.1.3.1.1.4	Containment	epSOS-Health Care Encounter Report	2013-12-20	Uses	as	Name	Version	1.3.6.1.4.1.19376.1.5.3.1.4.19	Containment	Procedure	DYNAMIC
Used by	as	Name	Version																		
1.3.6.1.4.1.12559.11.10.1.3.1.1.3	Containment	epSOS-Patient Summary	2013-12-20																		
1.3.6.1.4.1.12559.11.10.1.3.1.1.4	Containment	epSOS-Health Care Encounter Report	2013-12-20																		
Uses	as	Name	Version																		
1.3.6.1.4.1.19376.1.5.3.1.4.19	Containment	Procedure	DYNAMIC																		
Relationship	Specialization: template 1.3.6.1.4.1.19376.1.5.3.1.3.11 (DYNAMIC)																				




There are open issues with this item:

- epsos-issue-108: *section code is for document, details to be added* (Open)
- epsos-issue-109: *restriction to past surgeries* (Deferred)

Item	DT	Card	Conf	Description	Label			
h17:section		1 ... 1	M		(Sec ... ies)			
	<table border="1"> <tbody> <tr> <td> epsos-dataelement-1</td> <td> Surgical Procedure</td> <td> epSOS Data Set</td> </tr> </tbody> </table>					epsos-dataelement-1	Surgical Procedure	epSOS Data Set
epsos-dataelement-1	Surgical Procedure	epSOS Data Set						
└ @classCode	cs	0 ... 1	F	DOCSECT				
└ h17:templateId	II.EPSOS	1 ... 1	M	IHE PCC Coded List of Surgeries	(Sec ... ies)			

Item	DT	Card	Conf	Description	Label
└ @root	uid	1 ... 1	F	1.3.6.1.4.1.19376.1.5.3.1.3.12	
└ hl7:templateId	II.EPSOS	1 ... 1	M	IHE PCC List of Surgeries	(Sec ... ies)
└ @root	uid	1 ... 1	F	1.3.6.1.4.1.19376.1.5.3.1.3.11	
└ hl7:id	II.EPSOS	0 ... 1	R		(Sec ... ies)
└ hl7:code	CE.EPSOS	1 ... 1	M	History of Procedures	(Sec ... ies)
└ @code	CONF	1 ... 1	F	47519-4	
└ @codeSystem		1 ... 1	F	2.16.840.1.113883.6.1 (LOINC)	
└ hl7:title	ST	1 ... 1	M	Coded List of Surgeries	(Sec ... ies)
└ hl7:text	SD.TEXT	1 ... 1	M	Section text	(Sec ... ies)
└ hl7:entry		1 ... *	R	Contains 1.3.6.1.4.1.19376.1.5.3.1.4.19 <i>Procedure</i> (DYNAMIC)	(Sec ... ies)
where [hl7:procedure [hl7:templateId [@root = '1.3.6.1.4.1.19376.1.5.3.1.4.19']]]					



7.2.35 Section Coded Results 1.3.6.1.4.1.12559.11.10.1.3.1.2.5 - 2013-12-20

Id	1.3.6.1.4.1.12559.11.10.1.3.1.2.5	Effective Date	2013-12-20
Status	 Active	Version Label	
Name	SectionCodedResults	Display Name	Section Coded Results

Description

In epSOS this section is used only for the purpose of providing the results for the blood group. This is determined in the simple observation entry; hence only this entry will be described. If this section is present at least one simple observation element SHALL be present.

There is a known issue about the usage of the referred IHE PCC template that will be fixed in a future release of these specifications








Context	Parent nodes of template element with id 1.3.6.1.4.1.12559.11.10.1.3.1.2.5		
Classification	CDA Section Level Template		
Open/Closed	Open (other than defined elements are allowed)		
Used by / Uses	Used by 0 transactions and 1 template, Uses 3 templates		
	Used by	as	Name
	1.3.6.1.4.1.12559.11.10.1.3.1.1.3	Containment 	epSOS-Patient Summary
	Uses	as	Name
	1.3.6.1.4.1.19376.1.5.3.1.4.19	Containment 	Procedure
			Version
			2013-12-20
			Version
			DYNAMIC
			Version
			DYNAMIC
			Version
			DYNAMIC

Item	DT	Card	Conf	Description	Label
h17:section		1 ... 1	M		(Sec ... Its)
└ @classCode	cs	0 ... 1	F	DOCSECT	
└ h17:templateId	II.EPSOS	1 ... 1	M	Coded Results	(Sec ...)

Item	DT	Card	Conf	Description	Label
					Its)
└ @root	uid	1 ... 1	F	1.3.6.1.4.1.12559.11.10.1.3.1.2.5	
└ hl7:id	II.EPSOS	1 ... 1	R		(Sec ... Its)
└ hl7:code	CE.EPSOS	1 ... 1	M	Description	(Sec ... Its)
└ @code	CONF	1 ... 1	F	30954-2	
└ @codeSystem		1 ... 1	F	2.16.840.1.113883.6.1 (LOINC)	
└ hl7:title	ST	1 ... 1	M	Coded Results	(Sec ... Its)
└ hl7:text	SD.TEXT	1 ... 1	M	Section text	(Sec ... Its)
└ hl7:entry			NP	Not to be used in epSOS-I Contains 1.3.6.1.4.1.19376.1.5.3.1.4.19 <i>Procedure</i> (DYNAMIC)	(Sec ... Its)
where [hl7:procedure [hl7:templateId [@root = '1.3.6.1.4.1.19376.1.5.3.1.4.19']]]					
└ hl7:entry			NP	Not to be used in epSOS-I Contains 1.3.6.1.4.1.19376.1.5.3.1.4.4 <i>External Reference</i> (DYNAMIC)	(Sec ... Its)
where [hl7:act [hl7:templateId [@root = '1.3.6.1.4.1.19376.1.5.3.1.4.4']]]					
└ hl7:entry		1 ... *	R	Contains 1.3.6.1.4.1.19376.1.5.3.1.4.13.6 <i>Blood Group</i> (DYNAMIC)	(Sec ... Its)

Item	DT	Card	Conf	Description	Label
where [hl7:observation [hl7:templateId [@root = '1.3.6.1.4.1.19376.1.5.3.1.4.13.6']] and hl7:templateId [@root = '1.3.6.1.4.1.19376.1.5.3.1.4.13']]					

7.2.36 Section Coded Social History 1.3.6.1.4.1.19376.1.5.3.1.3.16.1 - 2013-12-20

Id	1.3.6.1.4.1.19376.1.5.3.1.3.16.1	Effective Date	2013-12-20
Status	 Active	Version Label	
Name	SectionCodedSocialHistory	Display Name	Section Coded Social History
Description			
The social history section shall contain a narrative description of the person’s beliefs, home life, community life, work life, hobbies, and risky habits. It shall include Social History Observations.			
Context	Parent nodes of template element with id 1.3.6.1.4.1.19376.1.5.3.1.3.16.1		
Classification	CDA Section Level Template		
Open/Closed	Open (other than defined elements are allowed)		
Associated with	Associated with 1 concept		
	Id	Name	Data Set
	epsos-dataelement-111	 Social History	 epSOS Data Set
Used by / Uses	Used by 0 transactions and 3 templates, Uses 1 template		
	Used by	as	Name
	1.3.6.1.4.1.12559.11.10.1.3.1.1.3	Containment 	epSOS-Patient Summary
	1.3.6.1.4.1.12559.11.10.1.3.1.1.4	Containment 	epSOS-Health Care Encounter Report
	1.3.6.1.4.1.12559.11.10.1.3.1.1.5	Containment 	epSOS-Medication Related Overview
	Uses	as	Name
	1.3.6.1.4.1.19376.1.5.3.1.4.13.4	Containment 	Social History Observation
Relationship	Specialization: template 1.3.6.1.4.1.19376.1.5.3.1.3.16 (DYNAMIC)		



There are open issues with this item:

- epsos-issue-55: *Assignment of an epSOS template ID for this section* (Open)
- epsos-issue-57: *Informant role* (Open)

Item	DT	Card	Conf	Description	Label
h17:section		1 ... 1	M		(Sec ... ory)
<div style="border: 1px solid #ccc; padding: 5px; margin: 5px 0;"> ⦿ epsos-dataelement-111 ⦿ Social History ⦿ epSOS Data Set </div>					
└ @classCode	cs	0 ... 1	F	DOCSECT	
└ h17:templateId	I1.EPSOS	1 ... 1	M	Coded Social History	(Sec ... ory)
└ @root	uid	1 ... 1	F	1.3.6.1.4.1.19376.1.5.3.1.3.16.1	
└ h17:templateId	I1.EPSOS	1 ... 1	M	IHE PCC Social History	(Sec ... ory)
└ @root	uid	1 ... 1	F	1.3.6.1.4.1.19376.1.5.3.1.3.16	
└ h17:templateId	I1.EPSOS	1 ... 1	M		(Sec ... ory)
└ @root	uid	1 ... 1	F	2.16.840.1.113883.10.20.1.15	
└ h17:id	I1.EPSOS	0 ... 1	R		(Sec ... ory)
└ h17:code	CE.EPSOS	1 ... 1	M	Social history	(Sec ... ory)

Item	DT	Card	Conf	Description	Label
└ @code	CONF	1 ... 1	F	29762-2	
└ @codeSystem		1 ... 1	F	2.16.840.1.113883.6.1 (LOINC)	
└ h17:title	ST	1 ... 1	M	Coded Social History	(Sec ... ory)
└ h17:text	SD.TEXT	1 ... 1	M	Section text	(Sec ... ory)
└ h17:entry		1 ... *	R	Contains 1.3.6.1.4.1.19376.1.5.3.1.4.13.4 <i>Social History Observation</i> (DYNAMIC)	(Sec ... ory)
where [hl7:observation [hl7:templateId [@root = '1.3.6.1.4.1.19376.1.5.3.1.4.13'] and hl7:templateId [@root = '2.16.840.1.113883.10.20.1.33'] and hl7:templateId [@root = '1.3.6.1.4.1.19376.1.5.3.1.4.13.4']]]					

7.2.37 Section Coded Vital Signs 1.3.6.1.4.1.19376.1.5.3.1.1.5.3.2 - 2013-12-20








Id	1.3.6.1.4.1.19376.1.5.3.1.1.5.3.2	Effective Date	2013-12-20
Status	 Active	Version Label	
Name	SectionCodedVitalSigns	Display Name	Section Coded Vital Signs
Description			


The vital signs section contains coded measurement results of a patient's vital signs.

Warning: Some of these elements were not included in the functional specification of WP3.2, however they have been introduced as optional elements for compliance with IHE PCC. Since they were not validated at a functional level yet, the following elements:

- Vital Signs Observation Interpretation
- Vital Signs Observation method of measurement
- Vital Signs Observation site of measurement




are not activated in current release of epSOS Pivot CDA.

Context	Parent nodes of template element with id 1.3.6.1.4.1.19376.1.5.3.1.1.5.3.2		
Classification	CDA Section Level Template		
Open/Closed	Open (other than defined elements are allowed)		
Associated with	Associated with 1 concept		
	Id	Name	Data Set
	epsos-dataelement-118	 Vital Signs Observations	 epSOS Data Set
Used by / Uses	Used by 0 transactions and 3 templates, Uses 1 template		
	Used by	as	Name
	1.3.6.1.4.1.12559.11.10.1.3.1.1.3	Containment 	epSOS-Patient Summary 2013-12-20
	1.3.6.1.4.1.12559.11.10.1.3.1.1.4	Containment 	epSOS-Health Care Encounter Report 2013-12-20
	1.3.6.1.4.1.12559.11.10.1.3.1.1.5	Containment 	epSOS-Medication Related Overview 2013-12-20
	Uses	as	Name
	1.3.6.1.4.1.19376.1.5.3.1.4.13.1	Containment 	Vital Signs Organizer DYNAMIC
Relationship	Specialization: template 1.3.6.1.4.1.19376.1.5.3.1.3.25 (DYNAMIC)		
	There are open issues with this item:		
	<ul style="list-style-type: none"> ▪ epsos-issue-135: <i>Assign an epSOS specific template</i> (Open) ▪ epsos-issue-137: <i>change oid of the template included for the organizer</i> (Open) 		

Item	DT	Card	Conf	Description	Label
h17:section		1 ... 1	M		(Sec ... gns)
<div style="display: flex; justify-content: space-between; align-items: center;">  epsos-dataelement-118  Vital Signs Observations  epSOS Data Set </div>					
└ @classCode	cs	0 ... 1	F	DOCSECT	
└ h17:templateId	I1.EPSOS	1 ... 1	M	Coded Vital Signs	(Sec ... gns)
└ @root	uid	1 ... 1	F	1.3.6.1.4.1.19376.1.5.3.1.1.5.3.2	
└ h17:templateId	I1.EPSOS	1 ... 1	M	IHE PCC Vital Signs	(Sec ... gns)
└ @root	uid	1 ... 1	F	1.3.6.1.4.1.19376.1.5.3.1.3.25	
└ h17:id	I1.EPSOS	0 ... 1	R		(Sec ... gns)
└ h17:code	CE.EPSOS	1 ... 1	M	Physical findings	(Sec ... gns)
└ @code	CONF	1 ... 1	F	8716-3	
└ @codeSystem		1 ... 1	F	2.16.840.1.113883.6.1 (LOINC)	
└ h17:title	ST	1 ... 1	M	Coded Vital Signs	(Sec ... gns)

Item	DT	Card	Conf	Description	Label
└ h17:text	SD.TEXT	1 ... 1	M	Section text	(Sec ... gns)
└ h17:entry		0 ... 1	R	Contains 1.3.6.1.4.1.19376.1.5.3.1.4.13.1 <i>Vital Signs Organizer</i> (DYNAMIC)	(Sec ... gns)
where [hl7:organizer [hl7:templateId [@root = '1.3.6.1.4.1.19376.1.5.3.1.4.13.1']] and hl7:templateId [@root = '2.16.840.1.113883.10.20.1.32']] and hl7:templateId [@root = '2.16.840.1.113883.10.20.1.35']]					

7.2.38 Section Dispensation 1.3.6.1.4.1.12559.11.10.1.3.1.2.2 - 2013-12-20

Id	1.3.6.1.4.1.12559.11.10.1.3.1.2.2	Effective Date	2013-12-20
Status	 Active	Version Label	
Name	SectionDispensation	Display Name	Section Dispensation
Description			
The dispensation section shall contain a description of the medication dispensed for the patient at a given pharmacy. It shall include only one entry for each dispensed medication as described in the Entry Content Module.			
Context	Parent nodes of template element with id 1.3.6.1.4.1.12559.11.10.1.3.1.2.2		
Classification	CDA Section Level Template		
Open/Closed	Open (other than defined elements are allowed)		
	Used by 0 transactions and 1 template, Uses 1 template		
Used by / Uses	Used by	as	Name
	1.3.6.1.4.1.12559.11.10.1.3.1.1.2	Containment	 epSOS-eDispensation
Used by / Uses	Uses	as	Name
	1.3.6.1.4.1.12559.11.10.1.3.1.3.3	Containment	 epSOS CDA Supply
Relationship	Specialization: template 2.16.840.1.113883.10.20.1.8 (DYNAMIC)		
Example	Example		

```

<component>
  <section>
    <templateId root="2.16.840.1.113883.10.20.1.8"/>
    <templateId root="1.3.6.1.4.1.12559.11.10.1.3.1.2.2"/>
    <!-- The section ID is the Dispensation ID -->

    <id root=" " extension=" "/>
    <code code="60590-7" displayName="Medication dispensed" codeSystem="2.16.840.1.113883.6.1"
codeSystemName="LOINC"/>
    <title>Dispensation</title>
    <text>Text as described above</text>
    <!-- Each entry is a dispensed medication -->

    <!-- Dispensed Medication 1 -->

    <entry>
      <!-- ... -->

      <!-- Required Supply element -->

      <templateId root="1.3.6.1.4.1.12559.11.10.1.3.1.3.3"/>
      <!-- ... -->
    </entry>
    <!-- Dispensed Medication 2 -->

    <entry>
      <!-- ... -->

      <!-- Required Supply element -->

      <templateId root="1.3.6.1.4.1.12559.11.10.1.3.1.3.3"/>
      <!-- ... -->
    </entry>
  </section>
</component>

```

Item	DT	Card	Conf	Description	Label
hl7:section		1 ... 1	R		(Section)
└ @classCode		0 ... 1	F	DOCSECT	

Item	DT	Card	Conf	Description	Label
└ @moodCode		0 ... 1	F	EVN	
└ h17:templateId	II.EPSOS	1 ... 1	R	CCD 3.9	(Sec ... ion)
└ @root		1 ... 1	F	2.16.840.1.113883.10.20.1.8	
└ h17:templateId	II.EPSOS	1 ... 1	M	epSOS Dispensation Section	(Sec ... ion)
└ @root		1 ... 1	F	1.3.6.1.4.1.12559.11.10.1.3.1.2.2	
└ h17:id	II.EPSOS	1 ... 1	M		(Sec ... ion)
└ h17:code	CE.EPSOS	1 ... 1	R		(Sec ... ion)
└ @code		0 ... 1	F	60590-7	
└ @codeSystem	CONF	0 ... 1	F	2.16.840.1.113883.6.1 (LOINC)	
└ h17:title	ST	1 ... 1	R	I.e. 'Dispensation'	(Sec ... ion)
└ h17:text	SD.TEXT	1 ... 1	R		(Sec ... ion)
└ h17:entry		1 ... *	R	Contains 1.3.6.1.4.1.12559.11.10.1.3.1.3.3 <i>epSOS CDA Supply</i> (DYNAMIC)	(Sec ... ion)

Item	DT	Card	Conf	Description	Label
					...
where [hl7:supply [hl7:templateId [@root = '2.16.840.1.113883.10.20.1.34'] and hl7:templateId [@root = '1.3.6.1.4.1.19376.1.5.3.1.4.7.3'] and hl7:templateId [@root = '1.3.6.1.4.1.12559.11.10.1.3.1.3.3']]]					
└ @typeCode	cs	1 ... 1	R		
				CONF The value of @typeCode shall be drawn from value set 2.16.840.1.113883.1.11.19446 x_ActRelationshipEntry (DYNAMIC)	
└ @contextConductionInd	bl	0 ... 1			




7.2.39 ● Section Functional Status 1.3.6.1.4.1.19376.1.5.3.1.3.17 - 2013-12-20

Id	1.3.6.1.4.1.19376.1.5.3.1.3.17	Effective Date	2013-12-20								
Status	● Active	Version Label									
Name	SectionFunctionalStatus	Display Name	Section Functional Status								
Description	The functional status section shall contain a narrative description of capability of the patient to perform acts of daily living.										
Context	Parent nodes of template element with id 1.3.6.1.4.1.19376.1.5.3.1.3.17										
Classification	CDA Section Level Template										
Open/Closed	Open (other than defined elements are allowed)										
Used by / Uses	Used by 0 transactions and 1 template, Uses 0 templates										
	<table border="1"> <thead> <tr> <th>Used by</th> <th>as</th> <th>Name</th> <th>Version</th> </tr> </thead> <tbody> <tr> <td>1.3.6.1.4.1.12559.11.10.1.3.1.1.3</td> <td>Containment</td> <td>● epSOS-Patient Summary</td> <td>2013-12-20</td> </tr> </tbody> </table>	Used by	as	Name	Version	1.3.6.1.4.1.12559.11.10.1.3.1.1.3	Containment	● epSOS-Patient Summary	2013-12-20		
Used by	as	Name	Version								
1.3.6.1.4.1.12559.11.10.1.3.1.1.3	Containment	● epSOS-Patient Summary	2013-12-20								
Relationship	Specialization: template 2.16.840.1.113883.10.20.1.5 (DYNAMIC)										
	There is an open issue with this item: <ul style="list-style-type: none"> epsos-issue-58: Assign an epSOS specific template ID (Open) 										

Item	DT	Card	Conf	Description	Label
h17:section		1 ... 1	M		(Sec... tus)
└ @classCode		0 ... 1	F	DOCSECT	
└ h17:templateId	II.EPSOS	1 ... 1	M	Functional Status	(Sec... tus)
└ @root		1 ... 1	F	1.3.6.1.4.1.19376.1.5.3.1.3.17	
└ h17:templateId	II.EPSOS	1 ... 1	M	CCD 3.4	(Sec... tus)
└ @root		1 ... 1	F	2.16.840.1.113883.10.20.1.5	
└ h17:id	II.EPSOS	1 ... 1	R		(Sec... tus)
└ h17:code	CE.EPSOS	1 ... 1	M	Functional status assessment	(Sec... tus)
└ @code		1 ... 1	F	47420-5	
└ @codeSystem	CONF	1 ... 1	F	2.16.840.1.113883.6.1 (LOINC)	
└ h17:title	ST	1 ... 1	M	Functional Status	(Sec... tus)
└ h17:text	SD.TEXT	1 ... 1	M	Section text	(Sec... tus)

7.2.40 Section Health Maintenance Care Plan 1.3.6.1.4.1.19376.1.5.3.1.1.9.50 - 2013-12-20








Id	1.3.6.1.4.1.19376.1.5.3.1.1.9.50	Effective Date	2013-12-20
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Status	 Active	Version Label			
Name	SectionHealthMaintenanceCarePlan	Display Name	Section Health Maintenance Care Plan		
Description					
The health maintenance care plan section shall contain a description of the expectations for wellness care including proposals, goals, and order requests for monitoring, tracking, or improving the lifetime condition of the patient with goals of educating the patient on how to reduce the modifiable risks of the patient's genetic, behavioral, and environmental pre-conditions and otherwise optimizing lifetime outcomes.					
Context	Parent nodes of template element with id 1.3.6.1.4.1.19376.1.5.3.1.1.9.50				
Classification	CDA Section Level Template				
Open/Closed	Open (other than defined elements are allowed)				
Used by 0 transactions and 2 templates, Uses 0 templates					
Used by / Uses	Used by	as	Name		
	1.3.6.1.4.1.12559.11.10.1.3.1.1.3	Containment	 epSOS-Patient Summary		
	1.3.6.1.4.1.12559.11.10.1.3.1.1.4	Containment	 epSOS-Health Care Encounter Report		
Version			2013-12-20		
			2013-12-20		
Relationship	Specialization: template 1.3.6.1.4.1.19376.1.5.3.1.3.31 (DYNAMIC)				
Example	Example				
	<pre> <section> <templateId root="2.16.840.1.113883.10.20.1.10"/> <templateId root="1.3.6.1.4.1.19376.1.5.3.1.3.31"/> <templateId root="1.3.6.1.4.1.19376.1.5.3.1.1.9.50"/> <id root=" " extension=" " /> <code code="18776-5" displayName="Plan of treatment" codeSystem="2.16.840.1.113883.6.1" codeSystemName="LOINC"/> <title>Health Maintenance Care Plan</title> <text> ... </text> </section> </pre>				
Item	DT	Card	Conf	Description	Label
h17:section		1 .. 1	M		(Sec ... lan)
└ @classCode	cs	0 .. 1	F	DOCSECT	

Item	DT	Card	Conf	Description	Label
└ h17:templateId	II.EPSOS	1 ... 1	R		(Sec...lan)
└ @root	uid	1 ... 1	F	2.16.840.1.113883.10.20.1.10	
└ h17:templateId	II.EPSOS	1 ... 1	M		(Sec...lan)
└ @root	uid	1 ... 1	F	1.3.6.1.4.1.19376.1.5.3.1.3.31	
└ h17:templateId	II.EPSOS	1 ... 1	M	Health Maintenance Care Plan	(Sec...lan)
└ @root	uid	1 ... 1	F	1.3.6.1.4.1.19376.1.5.3.1.1.9.50	
└ h17:id	II.EPSOS	0 ... 1	R		(Sec...lan)
└ h17:code	CE.EPSOS	1 ... 1	M	Plan of treatment	(Sec...lan)
└ @code	CONF	1 ... 1	F	18776-5	
└ @codeSystem		1 ... 1	F	2.16.840.1.113883.6.1 (LOINC)	
└ h17:title	ST	1 ... 1	M	Health Maintenance Care Plan	(Sec...lan)
└ h17:text	SD.TEXT	1 ... 1	M	Section text	(Sec...lan)








7.2.41 Section History of Past Illness 1.3.6.1.4.1.19376.1.5.3.1.3.8 - 2013-12-20

Id	1.3.6.1.4.1.19376.1.5.3.1.3.8	Effective Date	2013-12-20
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Status	 Active	Version Label			
Name	SectionHistoryOfPastIllness	Display Name	Section History of Past Illness		
Description					
The History of Past Illness section shall contain a narrative description of the conditions the patient suffered in the past. It shall include entries for problems as described in the Entry Content Modules.					
Context	Parent nodes of template element with id 1.3.6.1.4.1.19376.1.5.3.1.3.8				
Classification	CDA Section Level Template				
Open/Closed	Open (other than defined elements are allowed)				
Associated with	Associated with 1 concept				
	Id	Name	Data Set		
	epsos-dataelement-192	 History of Past Illness	 epSOS Data Set		
Used by / Uses	Used by 0 transactions and 2 templates, Uses 1 template				
	Used by	as	Name	Version	
	1.3.6.1.4.1.12559.11.10.1.3.1.1.3	Containment	 epSOS-Patient Summary	2013-12-20	
	1.3.6.1.4.1.12559.11.10.1.3.1.1.4	Containment	 epSOS-Health Care Encounter Report	2013-12-20	
	Uses	as	Name	Version	
	1.3.6.1.4.1.19376.1.5.3.1.4.5.2	Containment	 Problem Concern	DYNAMIC	
Relationship	Specialization: template 1.3.6.1.4.1.19376.1.5.3.1.4.5.1 (DYNAMIC)				
	 There are open issues with this item: <ul style="list-style-type: none"> ▪ epsos-issue-64: <i>Assign an epSOS specific template ID</i> (Open) ▪ epsos-issue-197: <i>allow for multiple entries</i> (Open) 				
Item	DT	Card	Conf	Description	Label
h17:section		1 ... 1	M		(Sec ... ess)

Item	DT	Card	Conf	Description	Label
	 epsos-dataelement-192			 History of Past Illness	 epSOS Data Set
└ @classCode	cs	0 ... 1	F	DOCSECT	
└ hl7:templateId	II.EPSOS	1 ... 1	M	History of Past Illness	(Sec ... ess)
└ @root	uid	1 ... 1	F	1.3.6.1.4.1.19376.1.5.3.1.3.8	
└ hl7:id	II.EPSOS	0 ... 1	R		(Sec ... ess)
└ hl7:code	CE.EPSOS	1 ... 1	M	Description	(Sec ... ess)
└ @code		1 ... 1	F	11348-0	
└ @codeSystem	CONF	1 ... 1	F	2.16.840.1.113883.6.1 (LOINC)	
└ hl7:title	ST	1 ... 1	M	History of Past Illness	(Sec ... ess)
└ hl7:text	SD.TEXT	1 ... 1	M	Section text	(Sec ... ess)
└ hl7:entry		0 ... *	R	Contains 1.3.6.1.4.1.19376.1.5.3.1.4.5.2 <i>Problem Concern</i> (DYNAMIC)	(Sec ... ess)
where [hl7:act [hl7:templateId [:@root = '2.16.840.1.113883.10.20.1.27'] and hl7:templateId [:@root = '1.3.6.1.4.1.19376.1.5.3.1.4.5.1'] and hl7:templateId [:@root = '1.3.6.1.4.1.19376.1.5.3.1.4.5.2']]]					

7.2.42 Section Immunizations 1.3.6.1.4.1.19376.1.5.3.1.3.23 - 2013-12-20

Id	1.3.6.1.4.1.19376.1.5.3.1.3.23	Effective Date	2013-12-20
Status	 Active	Version Label	
Name	SectionImmunizations	Display Name	Section Immunizations
Description			
The immunizations section shall contain a narrative description of the immunizations administered to the patient in the past. It shall include entries for medication administration as described in the Entry Content Modules.			
Context	Parent nodes of template element with id 1.3.6.1.4.1.19376.1.5.3.1.3.23		
Classification	CDA Section Level Template		
Open/Closed	Open (other than defined elements are allowed)		
Associated with			
Associated with 1 concept			
	Id	Name	Data Set
	epsos-dataelement-167	 Vaccination	 epSOS Data Set
Used by / Uses			
Used by 0 transactions and 3 templates, Uses 1 template			
	Used by	as	Name
	1.3.6.1.4.1.12559.11.10.1.3.1.1.3	Containment 	epSOS-Patient Summary
	1.3.6.1.4.1.12559.11.10.1.3.1.1.4	Containment 	epSOS-Health Care Encounter Report
	1.3.6.1.4.1.12559.11.10.1.3.1.1.5	Containment 	epSOS-Medication Related Overview
	Uses	as	Name
	1.3.6.1.4.1.19376.1.5.3.1.4.12	Containment 	Immunizations
Relationship	Specialization: template 2.16.840.1.113883.10.20.1.6 (DYNAMIC)		
Example	<p>Example</p> <pre><section> <templateId root="2.16.840.1.113883.10.20.1.6"/> <templateId root="1.3.6.1.4.1.19376.1.5.3.1.3.23"/> </section></pre>		

```

<id root=" " extension=" "/>
<code code="11369-6" displayName="History of immunization" codeSystem="2.16.840.1.113883.6.1"
codeSystemName="LOINC"/>
<title>Immunizations</title>
<text>Text as described above</text>
<entry>

  <!-- ... -->

  <!-- Required Immunization element -->

  <templateId root="1.3.6.1.4.1.19376.1.5.3.1.4.12"/>
  <!-- ... -->

</entry>
</section>

```




There is an open issue with this item:

- [epsos-issue-64: Assign an epSOS specific template ID \(Open\)](#)

Item	DT	Card	Conf	Description	Label
h17:section		1 ... 1	M		(Sections)
	<div style="display: flex; justify-content: space-between; align-items: center;"> epsos-dataelement-167 Vaccination epSOS Data Set </div>				
└ @classCode	cs	0 ... 1	F	DOCSECT	
└ h17:templateId	II.EPSOS	1 ... 1	M	Immunizations	(Sections)
└ @root	uid	1 ... 1	F	1.3.6.1.4.1.19376.1.5.3.1.3.23	
└ h17:templateId	II.EPSOS	1 ... 1	M	CCD 3.11	(Sections)
└ @root	uid	1 ... 1	F	2.16.840.1.113883.10.20.1.6	

Item	DT	Card	Conf	Description	Label
└ h17:id	II.EPSOS	0 ... 1	R		(Sec ... ons)
└ h17:code	CE.EPSOS	1 ... 1	M	History of immunization	(Sec ... ons)
└ @code	CONF	1 ... 1	F	11369-6	
└ @codeSystem		1 ... 1	F	2.16.840.1.113883.6.1 (LOINC)	
└ h17:title	ST	1 ... 1	M	Immunizations	(Sec ... ons)
└ h17:text	SD.TEXT	1 ... 1	M	Section text	(Sec ... ons)
└ h17:entry		1 ... *	R	Contains 1.3.6.1.4.1.19376.1.5.3.1.4.12 <i>Immunizations</i> (DYNAMIC)	(Sec ... ons)
where [hl7:substanceAdministration [hl7:templateId [@root = '1.3.6.1.4.1.19376.1.5.3.1.4.12']] and hl7:templateId [@root = '2.16.840.1.113883.10.20.1.24']]					

7.2.43 Section Medical Devices Coded 1.3.6.1.4.1.12559.11.10.1.3.1.2.4 - 2013-12-20

Id	1.3.6.1.4.1.12559.11.10.1.3.1.2.4	Effective Date	2013-12-20
Status	 Active	Version Label	
Name	SectionMedicalDevicesCoded	Display Name	Section Medical Devices Coded
Description			
The medical devices section contains narrative text describing the patient history of medical device use.			

For the epSOS Patient Summary this is a mandatory section and shall be used to record the Medical Devices and Implants. Each device shall be described using the “Medical Devices Entry Content Module” template (1.3.6.1.4.1.12559.11.10.1.3.1.3.5).

Context	Parent nodes of template element with id 1.3.6.1.4.1.12559.11.10.1.3.1.2.4												
Classification	CDA Section Level Template												
Open/Closed	Open (other than defined elements are allowed)												
Associated with	Associated with 1 concept												
	<table border="1"> <thead> <tr> <th>Id</th> <th>Name</th> <th>Data Set</th> </tr> </thead> <tbody> <tr> <td>epsos-dataelement-87</td> <td> Medical Devices and Implants</td> <td> epSOS Data Set</td> </tr> </tbody> </table>	Id	Name	Data Set	epsos-dataelement-87	Medical Devices and Implants	epSOS Data Set						
Id	Name	Data Set											
epsos-dataelement-87	Medical Devices and Implants	epSOS Data Set											
Used by / Uses	Used by 0 transactions and 2 templates, Uses 1 template												
	<table border="1"> <thead> <tr> <th>Used by</th> <th>as</th> <th>Name</th> <th>Version</th> </tr> </thead> <tbody> <tr> <td>1.3.6.1.4.1.12559.11.10.1.3.1.1.3</td> <td>Containment</td> <td> epSOS-Patient Summary</td> <td>2013-12-20</td> </tr> <tr> <td>1.3.6.1.4.1.12559.11.10.1.3.1.1.4</td> <td>Containment</td> <td> epSOS-Health Care Encounter Report</td> <td>2013-12-20</td> </tr> </tbody> </table>	Used by	as	Name	Version	1.3.6.1.4.1.12559.11.10.1.3.1.1.3	Containment	epSOS-Patient Summary	2013-12-20	1.3.6.1.4.1.12559.11.10.1.3.1.1.4	Containment	epSOS-Health Care Encounter Report	2013-12-20
	Used by	as	Name	Version									
	1.3.6.1.4.1.12559.11.10.1.3.1.1.3	Containment	epSOS-Patient Summary	2013-12-20									
1.3.6.1.4.1.12559.11.10.1.3.1.1.4	Containment	epSOS-Health Care Encounter Report	2013-12-20										
<table border="1"> <thead> <tr> <th>Uses</th> <th>as</th> <th>Name</th> <th>Version</th> </tr> </thead> <tbody> <tr> <td>1.3.6.1.4.1.12559.11.10.1.3.1.3.5</td> <td>Containment</td> <td> Medical Devices</td> <td>DYNAMIC</td> </tr> </tbody> </table>	Uses	as	Name	Version	1.3.6.1.4.1.12559.11.10.1.3.1.3.5	Containment	Medical Devices	DYNAMIC					
Uses	as	Name	Version										
1.3.6.1.4.1.12559.11.10.1.3.1.3.5	Containment	Medical Devices	DYNAMIC										
Relationship	Specialization: template 2.16.840.1.113883.10.20.1.7 (DYNAMIC) Specialization: template 1.3.6.1.4.1.19376.1.5.3.1.1.5.3.5 (DYNAMIC)												

Item	DT	Card	Conf	Description	Label
h17:section		1 ... 1	M		(Sec ... ded)
epsos-dataelement-87 Medical Devices and Implants epSOS Data Set					
@classCode	cs	0 ... 1	F	DOCSECT	

Item	DT	Card	Conf	Description	Label
└ h17:templateId	I1.EPSOS	1 ... 1	M	Medical Devices Coded	(Sec ... ded)
└ @root	uid	1 ... 1	F	1.3.6.1.4.1.12559.11.10.1.3.1.2.4	
└ h17:templateId	I1.EPSOS	1 ... 1	M		(Sec ... ded)
└ @root	uid	1 ... 1	F	2.16.840.1.113883.10.20.1.7	
└ h17:templateId	I1.EPSOS	1 ... 1	M	IHE PCC Medical Devices Coded	(Sec ... ded)
└ @root	uid	1 ... 1	F	1.3.6.1.4.1.19376.1.5.3.1.1.5.3.5	
└ h17:id	I1.EPSOS	0 ... 1	R		(Sec ... ded)
└ h17:code	C1.EPSOS	1 ... 1	M	History of medical device use	(Sec ... ded)
└ @code		1 ... 1	F	46264-8	
└ @codeSystem	CONF	1 ... 1	F	2.16.840.1.113883.6.1 (LOINC)	
└ h17:title	ST	1 ... 1	M	Medical Devices Coded	(Sec ... ded)
└ h17:text	SD.TEXT	1 ... 1	M	Section text	(Sec ... ded)

Item	DT	Card	Conf	Description	Label
└ h17:entry		1 ... *	R	Contains 1.3.6.1.4.1.12559.11.10.1.3.1.3.5 <i>Medical Devices</i> (DYNAMIC)	(Sec ... ded)
where [hl7:supply [hl7:templateId [@root = '1.3.6.1.4.1.12559.11.10.1.3.1.3.5']]]					

7.2.44 ● Section Medication Summary 1.3.6.1.4.1.12559.11.10.1.3.1.2.3 - 2013-12-20

Id	1.3.6.1.4.1.12559.11.10.1.3.1.2.3	Effective Date	2013-12-20														
Status	● Active	Version Label															
Name	SectionMedicationSummary	Display Name	Section Medication Summary														
Description	The medication summary section shall contain a description of the patient's medications as part of the patient summary																
Context	Parent nodes of template element with id 1.3.6.1.4.1.12559.11.10.1.3.1.2.3																
Classification	CDA Section Level Template																
Open/Closed	Open (other than defined elements are allowed)																
Associated with	Associated with 1 concept																
	<table border="1"> <thead> <tr> <th>Id</th> <th>Name</th> <th>Data Set</th> </tr> </thead> <tbody> <tr> <td>epsos-dataelement-101</td> <td>● Medication</td> <td>● epSOS Data Set</td> </tr> </tbody> </table>	Id	Name	Data Set	epsos-dataelement-101	● Medication	● epSOS Data Set										
Id	Name	Data Set															
epsos-dataelement-101	● Medication	● epSOS Data Set															
Used by / Uses	Used by 0 transactions and 3 templates, Uses 1 template																
	<table border="1"> <thead> <tr> <th>Used by</th> <th>as</th> <th>Name</th> <th>Version</th> </tr> </thead> <tbody> <tr> <td>1.3.6.1.4.1.12559.11.10.1.3.1.1.3</td> <td>Containment</td> <td>● epSOS-Patient Summary</td> <td>2013-12-20</td> </tr> <tr> <td>1.3.6.1.4.1.12559.11.10.1.3.1.1.4</td> <td>Containment</td> <td>● epSOS-Health Care Encounter Report</td> <td>2013-12-20</td> </tr> <tr> <td>1.3.6.1.4.1.12559.11.10.1.3.1.1.5</td> <td>Containment</td> <td>● epSOS-Medication Related Overview</td> <td>2013-12-20</td> </tr> </tbody> </table>	Used by	as	Name	Version	1.3.6.1.4.1.12559.11.10.1.3.1.1.3	Containment	● epSOS-Patient Summary	2013-12-20	1.3.6.1.4.1.12559.11.10.1.3.1.1.4	Containment	● epSOS-Health Care Encounter Report	2013-12-20	1.3.6.1.4.1.12559.11.10.1.3.1.1.5	Containment	● epSOS-Medication Related Overview	2013-12-20
Used by	as	Name	Version														
1.3.6.1.4.1.12559.11.10.1.3.1.1.3	Containment	● epSOS-Patient Summary	2013-12-20														
1.3.6.1.4.1.12559.11.10.1.3.1.1.4	Containment	● epSOS-Health Care Encounter Report	2013-12-20														
1.3.6.1.4.1.12559.11.10.1.3.1.1.5	Containment	● epSOS-Medication Related Overview	2013-12-20														
	<table border="1"> <thead> <tr> <th>Uses</th> <th>as</th> <th>Name</th> <th>Version</th> </tr> </thead> <tbody> <tr> <td>1.3.6.1.4.1.12559.11.10.1.3.1.3.4</td> <td>Containment</td> <td>● Medication Item</td> <td>DYNAMIC</td> </tr> </tbody> </table>	Uses	as	Name	Version	1.3.6.1.4.1.12559.11.10.1.3.1.3.4	Containment	● Medication Item	DYNAMIC								
Uses	as	Name	Version														
1.3.6.1.4.1.12559.11.10.1.3.1.3.4	Containment	● Medication Item	DYNAMIC														
Relationship	Specialization: template 2.16.840.1.113883.10.20.1.8 (DYNAMIC)																






There is an open issue with this item:

- epsos-issue-210: *wrong cardinality of section/id* (In Progress)

Item	DT	Card	Conf	Description	Label
h17:section		1 .. 1	M		(Secondary)
<div style="border: 1px solid green; padding: 5px; display: flex; justify-content: space-between; align-items: center;"> epsos-dataelement-101 Medication epSOS Data Set </div>					
└ @classCode	cs	0 .. 1	F	DOCSECT	
└ h17:templateId	II.EPSOS	1 .. 1	M	Medication Summary	(Secondary)
└ @root	uid	1 .. 1	F	1.3.6.1.4.1.12559.11.10.1.3.1.2.3	
└ h17:templateId	II.EPSOS	1 .. 1	M	CCD 3.9	(Secondary)
└ @root	uid	1 .. 1	F	2.16.840.1.113883.10.20.1.8	
└ h17:id	II.EPSOS	0 .. 1	R		(Secondary)
└ h17:code	CE.EPSOS	1 .. 1	M	History of medication use	(Secondary)
└ @code		1 .. 1	F	10160-0	
└ @codeSystem	CONF	1 .. 1	F	2.16.840.1.113883.6.1 (LOINC)	
└ h17:title	ST	1 .. 1	M	Medication Summary	(Secondary)

Item	DT	Card	Conf	Description	Label
					... ary)
└ h17:text	SD.TEXT	1 ... 1	M	Section text	(Sec ... ary)
└ h17:entry		1 ... *	R	Contains 1.3.6.1.4.1.12559.11.10.1.3.1.3.4 <i>Medication Item</i> (DYNAMIC)	(Sec ... ary)
where [hl7:substanceAdministration [hl7:templateId [@root = '1.3.6.1.4.1.12559.11.10.1.3.1.3.4']]]					

7.2.45 Section Pregnancy History 1.3.6.1.4.1.19376.1.5.3.1.1.5.3.4 - 2013-12-20

Id	1.3.6.1.4.1.19376.1.5.3.1.1.5.3.4	Effective Date	2013-12-20
Status	 Active	Version Label	
Name	SectionPregnancyHistory	Display Name	Section Pregnancy History
Description			
The pregnancy history section contains coded entries describing the patient history of pregnancies.			
This section is used in epSOS only for the purpose of providing the Expected Date of Delivery, when applicable, not the full history of pregnancies.			
Context	Parent nodes of template element with id 1.3.6.1.4.1.19376.1.5.3.1.1.5.3.4		
Classification	CDA Section Level Template		
Open/Closed	Open (other than defined elements are allowed)		
Associated with	Associated with 1 concept		
	Id	Name	Data Set
	epsos-dataelement-115	 Pregnancy History	 epSOS Data Set
Used by / Uses	Used by 0 transactions and 3 templates, Uses 1 template		

Used by	as	Name	Version
1.3.6.1.4.1.12559.11.10.1.3.1.1.3	Containment	epSOS-Patient Summary	2013-12-20
1.3.6.1.4.1.12559.11.10.1.3.1.1.4	Containment	epSOS-Health Care Encounter Report	2013-12-20
1.3.6.1.4.1.12559.11.10.1.3.1.1.5	Containment	epSOS-Medication Related Overview	2013-12-20
Uses	as	Name	Version
1.3.6.1.4.1.19376.1.5.3.1.4.13.5	Containment	Pregnancy Observation	DYNAMIC




There are open issues with this item:

- epsos-issue-104: *Text in description* (Deferred)
- epsos-issue-105: *section code correct?* (Deferred)

Item	DT	Card	Conf	Description	Label
h17:section		1 ... 1	M		(Secondary)
<div style="border: 1px solid #ccc; padding: 5px; margin: 5px 0;"> epsos-dataelement-115 Pregnancy History epSOS Data Set </div>					
└ @classCode		0 ... 1	F	DOCSECT	
└ h17:templateId	II.EPSOS	1 ... 1	M	Pregnancy History	(Secondary)
└ @root		1 ... 1	F	1.3.6.1.4.1.19376.1.5.3.1.1.5.3.4	
└ h17:id	II.EPSOS	1 ... 1	R		(Secondary)
└ h17:code	CE.EPSOS	1 ... 1	M	Description	(Secondary)



Item	DT	Card	Conf	Description	Label
└ @code	CONF	1 ... 1	F	10162-6	
└ @codeSystem		1 ... 1	F	2.16.840.1.113883.6.1 (LOINC)	
└ hl7:title	ST	1 ... 1	M	Pregnancy History	(Sec ... ory)
└ hl7:text	SD.TEXT	1 ... 1	M	Section text	(Sec ... ory)
└ hl7:entry		1 ... 1	R	Contains 1.3.6.1.4.1.19376.1.5.3.1.4.13.5 <i>Pregnancy Observation</i> (DYNAMIC)	(Sec ... ory)
where [hl7:observation [hl7:templateId [@root = '1.3.6.1.4.1.19376.1.5.3.1.4.13'] and hl7:templateId [@root = '1.3.6.1.4.1.19376.1.5.3.1.4.13.5']]]					

7.2.46 Section Prescription 1.3.6.1.4.1.12559.11.10.1.3.1.2.1 - 2013-12-20

Id	1.3.6.1.4.1.12559.11.10.1.3.1.2.1	Effective Date	2013-12-20
Status	 Active	Version Label	
Name	SectionPrescription	Display Name	Section Prescription
Description			
The prescription section shall contain a description of the medications in a given prescription for the patient. It shall include entries for each prescription item as described in the Prescription Item Entry Content Module.			
This template does not have a strict parent template. It is derived from the CCD 3.9 (2.16.840.1.113883.10.20.1.8), and fulfills all of their requirements except for CCD-CONF-301 (“The value for 'section/code' SHALL be “10160-0” “History of medication use””)			
Context	Parent nodes of template element with id 1.3.6.1.4.1.12559.11.10.1.3.1.2.1		
Classification	CDA Section Level Template		
Open/Closed	Open (other than defined elements are allowed)		

Used by 0 transactions and 1 template, Uses 1 template

Used by / Uses

Used by	as	Name	Version
1.3.6.1.4.1.12559.11.10.1.3.1.1.1	Containment	 epSOS-ePrescription	2013-12-20
Uses	as	Name	Version
1.3.6.1.4.1.12559.11.10.1.3.1.3.2	Containment	 epSOS CDA substanceAdministration	DYNAMIC

Relationship

Specialization: template 2.16.840.1.113883.10.20.1.8 (2005-09-07)

Example

Example











```
<component>
  <section>
    <templateId root="1.3.6.1.4.1.12559.11.10.1.3.1.2.1"/>
    <!-- The section ID is the Prescription ID -->
    <id root=" " extension=" "/>
    <code code="57828-6" displayName="Prescriptions" codeSystem="2.16.840.1.113883.6.1" codeSystemName="LOINC"/>
    <title>Prescriptions</title>
    <text> Text as described above </text>
    <!-- Prescription item -->
  <entry>
    <!-- Required element indicating the prescription entry content module -->
    <templateId root="1.3.6.1.4.1.12559.11.10.1.3.1.3.2"/>
  </entry>
</section>
</component>
```

Item	DT	Card	Conf	Description	Label
h17:section		1 ... 1	R		(Section)
└ @classCode	cs	0 ... 1	F	DOCSECT	
└ @moodCode	cs	0 ... 1	F	EVN	

Item	DT	Card	Conf	Description	Label
└ h17:templateId	I1.EPSOS	1 ... 1	R		(Sec ... ion)
└ @root	uid	1 ... 1	F	1.3.6.1.4.1.12559.11.10.1.3.1.2.1	
└ h17:id	I1.EPSOS	1 ... 1	R		(Sec ... ion)
└ h17:code	CE.EPSOS	0 ... 1	R		(Sec ... ion)
└ @code		0 ... 1	F	57828-6	
└ @codeSystem	CONF	0 ... 1	F	2.16.840.1.113883.6.1 (LOINC)	
└ h17:title	ST	0 ... 1	R		(Sec ... ion)
	CONF	element content shall be "Prescriptions"			
└ h17:text	SD.TEXT	1 ... 1	R		(Sec ... ion)
└ h17:entry		1 ... 1	R	<p>This template does not have a strict parent template. It is derived from the CCD 3.9 (2.16.840.1.113883.10.20.1.8), and fulfills all of their requirements except for CCD-CONF-301 (“The value for 'section/code' SHALL be “10160-0” “History of medication use”)</p> <p>This entry content module is based on the HL7 CCD template medication activity 2.16.840.1.113883.10.20.1.24 and inspired to the IHE PCC Medications Entry 1.3.6.1.4.1.19376.1.5.3.1.4.7.</p> <p>Contains 1.3.6.1.4.1.12559.11.10.1.3.1.3.2 <i>epSOS CDA substanceAdministration</i> (DYNAMIC)</p>	(Sec ... ion)


Item	DT	Card	Conf	Description	Label
where [hl7:substanceAdministration [hl7:templateId [@root = '2.16.840.1.113883.10.20.1.24'] and hl7:templateId [@root = '1.3.6.1.4.1.12559.11.10.1.3.1.3.2']] and hl7:templateId [@root = '1.3.6.1.4.1.19376.1.5.3.1.4.7']]]					
└ @typeCode	cs	1 ... 1	F	COMP	
└ @contextConductionInd	bl	0 ... 1			

7.2.47 epSOS CDA AssignedEntity 2.16.840.1.113883.3.1937.777.11.10.114 - 2013-12-20

Id	2.16.840.1.113883.3.1937.777.11.10.114	Effective Date	2013-12-20
Status	 Active	Version Label	
Name	epSOSCDAAssignedEntity	Display Name	epSOS CDA AssignedEntity
Description	Template CDA AssignedEntity (prototype, directly derived from POCD_RM000040 MIF)		
Classification	CDA Header Level Template		
Open/Closed	Open (other than defined elements are allowed)		
	Used by 0 transactions and 4 templates, Uses 2 templates		
Used by / Uses	Used by	as	Name
	2.16.840.1.113883.3.1937.777.11.10.136	Containment	 CDA Performer (Body) 2013-12-20
	1.3.6.1.4.1.12559.11.10.1.3.1.3.3		 epSOS CDA Supply 2013-12-20
	1.3.6.1.4.1.12559.11.10.1.3.1.2.2		 Section Dispensation 2013-12-20
	1.3.6.1.4.1.12559.11.10.1.3.1.1.2		 epSOS-eDispensation 2013-12-20
	Uses	as	Name
	2.16.840.1.113883.3.1937.777.11.10.113	Containment	 CDA Person DYNAMIC
	2.16.840.1.113883.3.1937.777.11.10.111	Containment	 epSOS CDA Organization DYNAMIC
Relationship	Specialization: template 2.16.840.1.113883.10.12.153 (2005-09-07)		

Item	DT	Card	Conf	Description	Label
@classCode		0 ... 1	F	ASSIGNED	
h17:id	IHE.EPSOS	1 ... *	R		(epS ... ity)
h17:code	CE.EPSOS	0 ... 1	R		(epS ... ity)
└ @codeSystem	CONF	0 ... 1	F	2.16.840.1.113883.5.111 (RoleCode)	
h17:addr	AD.EPSOS	1 ... *	R		IHE PCC
h17:telecom	TELE.EPSOS	1 ... *	R		IHE PCC
h17:assignedPerson		0 ... 1	R	Contains 2.16.840.1.113883.3.1937.777.11.10.113 CDA Person (DYNAMIC)	IHE PCC
h17:representedOrganization		0 ... 1	R	Contains 2.16.840.1.113883.3.1937.777.11.10.111 epSOS CDA Organization (DYNAMIC)	(epS ... ity)

7.2.48 epSOS CDA Contact/Preferred HP/Legal Organization 2.16.840.1.113883.3.1937.777.11.10.101 - 2013-12-20

Id	2.16.840.1.113883.3.1937.777.11.10.101	Effective Date	2013-12-20
Status	 Active	Version Label	
Name	epSOSCDAContactOrPreferredHP	Display Name	epSOS CDA Contact/Preferred HP/Legal Organization
Description			

The guardians of a patient shall be recorded in the <guardian> element beneath the /clinicalDocument/recordTarget/patientRole/patient XML - <patient> element. Other patient contacts such as the preferred health provider are described using the /clinicalDocument/participant structure. The <associatedEntity> element defines the type of contact. The classCode attribute shall be present, and contains a value from the set AGNT, CAREGIVER, ECON, NOK, or PRS to identify contacts that are agents of the patient, care givers, emergency contacts, next of kin, or other relations respectively.

The relationship between the patient and the guardian or other contact should be recorded in the <code> element. The code attribute is required and comes from the HL7 PersonalRelationshipRoleType vocabulary (epSOSPersonalRelationship value set).

The address of the guardian or other contact should be present, and shall be represented as any other address would be in CDA.

The phone number of the guardian or other contact should be present, and shall be represented as 480 any other phone number would be in CDA.

The name of the guardian or other contact shall be present, and shall be represented as any other name would be in CDA.

Healthcare Service Identification

The Healthcare Service Identification information is represented in structures under the /clinicalDocument/author XML element

Classification	CDA Header Level Template		
Open/Closed	Open (other than defined elements are allowed)		
Associated with	Associated with 16 concepts		
	Id	Name	Data Set
	epsos-dataelement-40	Email	epSOS Data Set
	epsos-dataelement-35	Role of that person	epSOS Data Set
	epsos-dataelement-31	Legal Organization to contact	epSOS Data Set
	epsos-dataelement-50	Email	epSOS Data Set
	epsos-dataelement-43	Email	epSOS Data Set
	epsos-dataelement-37	Given Name	epSOS Data Set
	epsos-dataelement-34	Contact Person/legal guardian	epSOS Data Set
	epsos-dataelement-41	Telephone No	epSOS Data Set
epsos-dataelement-47	Given Name	epSOS Data Set	

epsos-dataelement-38	Family Name/Surname	epSOS Data Set
epsos-dataelement-48	Family Name/Surname	epSOS Data Set
epsos-dataelement-46	Full Name	epSOS Data Set
epsos-dataelement-39	Telephone No	epSOS Data Set
epsos-dataelement-30	Preferred HP to contact	epSOS Data Set
epsos-dataelement-49	Telephone No	epSOS Data Set
epsos-dataelement-33	Organization Name	epSOS Data Set

Used by 0 transactions and 4 templates, Uses 0 templates

Used by	as	Name	Version
1.3.6.1.4.1.12559.11.10.1.3.1.1.3	Include	epSOS-Patient Summary	2013-12-20
1.3.6.1.4.1.12559.11.10.1.3.1.1.4	Include	epSOS-Health Care Encounter Report	2013-12-20
1.3.6.1.4.1.12559.11.10.1.3.1.1.5	Include	epSOS-Medication Related Overview	2013-12-20
1.3.6.1.4.1.12559.11.10.1.3.1.1.7	Include	eHDSI-Patient Summary PDF embedded	2017-03-11 18:41:31

Relationship

Specialization: template 2.16.840.1.113883.10.12.108 (DYNAMIC)

Adaptation: template 1.3.6.1.4.1.19376.1.5.3.1.2.4 (DYNAMIC)

Example

```

Contact person
<participant typeCode="IND">

  <templateId root="1.3.6.1.4.1.19376.1.5.3.1.2.4"/>
  <time value="20070213"/>
  <associatedEntity classCode="NOK">

    <addr>

      <streetAddressLine>Promenade des Anglais 111</streetAddressLine>
      <city>Lyon</city>
      <postalCode>69001</postalCode>
      <country>FR</country>
    </addr>
    <telecom value="tel:(+33)555-20036" use="WP"/>
  </associatedEntity>
</participant>
    
```








	<pre> <associatedPerson> <name> <given>Martha</given> <family>Mum</family> </name> </associatedPerson> </associatedEntity> </participant> </pre>
<p>Example</p>	<pre> Preferred HP <participant typeCode="IND"> <templateId root="1.3.6.1.4.1.19376.1.5.3.1.2.4"/> <functionCode code="PCP" codeSystem="2.16.840.1.113883.5.88"/> <associatedEntity classCode="PRS"> <addr> <streetAddressLine>Karl Strasse</streetAddressLine> <city>Freiberg</city> <postalCode>09599</postalCode> <country>DE</country> </addr> <telecom value="tel:(+49)761-11110000" use="WP"/> <associatedPerson> <name> <given>Arzt</given> <family>Guter</family> </name> </associatedPerson> </associatedEntity> </participant> </pre>





There are open issues with this item:





















- epsos-issue-177: Preferred Health Professional for emergency contact: change the classCode to ECON (Open)
- epsos-issue-251: telecom nullFlavor value (Open)

Item	DT	Card	Conf	Description	Label
hl7:participant			R	Contact person / Preferred Health Professional to contact about patient.	(epS...dHP)
where [hl7:templateId/@root='1.3.6.1.4.1.19376.1.5.3.1.2.4']					

Item	DT	Card	Conf	Description	Label	
	 epsos-dataelement-31 epsos-dataelement-34 epsos-dataelement-30			 Legal Organization to contact  Contact Person/legal guardian  Preferred HP to contact	 epSOS Data Set  epSOS Data Set  epSOS Data Set	
└ @typeCode	cs	1 ... 1	F	IND Participant typeCode	R1.8.5	
└ h17:templateId		1 ... 1	M		(epS... dHP)	
└ @root	uid	1 ... 1	F	1.3.6.1.4.1.19376.1.5.3.1.2.4		
└ h17:functionCode		0 ... 1	C		(epS... dHP)	
	Constraint	The element is mandatory when this participant is the preferred HP				
└ @code		0 ... 1	F	PCP		
└ @codeSystem	CONF	0 ... 1	F	2.16.840.1.113883.5.88 (HL7 ParticipationFunction)		
└ h17:time	IVL_TS.EPSOS.TZ.OPT	0 ... 1	R	The element may be present and indicates the time of the participation.	(epS... dHP)	
└ h17:associatedEntity			R	The element identifies the type of contact. The classCode attribute shall be present, and contains a value from the epSOSRoleClass value set when used for the patient contacts; 'PRS' when used for "Preferred HP / Legal Organization".	(epS... dHP)	
└ @classCode	cs	1 ... 1	R		R1.8.6	
	CONF	The value of @classCode shall be drawn from value set 1.3.6.1.4.1.12559.11.10.1.3.1.42.39 epSOSRoleClass (DYNAMIC) or				

Item	DT	Card	Conf	Description	Label
				@classCode shall be "PRS"	
└ h17:code	CV.EPSOS	0 ... 1	R	The relationship between the patient and the guardian or other contact should be recorded in the element. The code attribute is required and comes from the HL7 PersonalRelationshipRoleType vocabulary with codeSystem (2.16.840.1.113883.5.111). The codeSystem attribute is required. The relationship between the patient and his preferred HP comes from the the full RoleCode (2.16.840.1.113883.5.111) codeSystem	R1.8.6
<div style="display: flex; justify-content: space-between; align-items: center;">  epsos-dataelement-35  Role of that person  epSOS Data Set </div>					
	CONF	The value of @code shall be drawn from value set 1.3.6.1.4.1.12559.11.10.1.3.1.42.38 epSOSPersonalRelationship (DYNAMIC)			
└ h17:addr	AD.EPSOS	1 ... 1	R	Patient Contact's / Preferred HP's Address	R1.8.3 / R1.9.2
└ @nullFlavor	cs	0 ... 1	F	NI	
	Schematron assert	role	 error	test	@nullFlavor or hl7:*
		Message	If addr is not nullflavored at least one sub element has to be provided		
└ h17:streetAddressLine		0 ... *	R	Patient Contact's Street/Number of Street / Preferred HP's Street/Number of Street	R1.8.3.1 / R1.8.3.2 / R1.9.2.1 / R1.9.2.2
└ h17:city		0 ... 1	R	Patient Contact's City / Preferred HP's City	R1.8.2.3 / R1.9.2.3
└ h17:postalCode		0 ... 1	R	Patient Contact's Postal Code / Preferred HP's Postal Code	R1.8.2.4 / R1.9.2.4
└ h17:state		0 ... 1	R	Patient Contact's State or Province / Preferred HP's State or Province	R1.8.2.5 /




Item	DT	Card	Conf	Description	Label																		
					R1.9.2.5																		
└ h17:country		0 ... 1	R	Patient Contact's Country / Preferred HP's Country. When used addr.country it is always bound to the epSOSCountry value set	R1.8.2.6 / R1.9.2.6																		
└ h17:telecom	TEL	1 ... *	R	Patient Contact's / Preferred HP's/Legal Organization telephone or e-mail element is required. If there is no information, the nullFlavor attribute shall have a value of 'UNK' and the "value" and "use" attributes shall be omitted, otherwise the nullFlavor attribute shall not be present, and the "value" and "use" attributes shall be present	R1.8.4.1 / R1.8.4.2 / R1.9.3.1 / R1.9.3.2																		
				<div style="background-color: #e0ffe0; padding: 5px;"> <table border="0"> <tr> <td>🎯 epsos-dataelement-40</td> <td>🟡 Email</td> <td>🟡 epSOS Data Set</td> </tr> <tr> <td>epsos-dataelement-50</td> <td>🟡 Email</td> <td>🟡 epSOS Data Set</td> </tr> <tr> <td>epsos-dataelement-43</td> <td>🟡 Email</td> <td>🟡 epSOS Data Set</td> </tr> <tr> <td>epsos-dataelement-41</td> <td>🟡 Telephone No</td> <td>🟡 epSOS Data Set</td> </tr> <tr> <td>epsos-dataelement-39</td> <td>🟡 Telephone No</td> <td>🟡 epSOS Data Set</td> </tr> <tr> <td>epsos-dataelement-49</td> <td>🟡 Telephone No</td> <td>🟡 epSOS Data Set</td> </tr> </table> </div>	🎯 epsos-dataelement-40	🟡 Email	🟡 epSOS Data Set	epsos-dataelement-50	🟡 Email	🟡 epSOS Data Set	epsos-dataelement-43	🟡 Email	🟡 epSOS Data Set	epsos-dataelement-41	🟡 Telephone No	🟡 epSOS Data Set	epsos-dataelement-39	🟡 Telephone No	🟡 epSOS Data Set	epsos-dataelement-49	🟡 Telephone No	🟡 epSOS Data Set	
🎯 epsos-dataelement-40	🟡 Email	🟡 epSOS Data Set																					
epsos-dataelement-50	🟡 Email	🟡 epSOS Data Set																					
epsos-dataelement-43	🟡 Email	🟡 epSOS Data Set																					
epsos-dataelement-41	🟡 Telephone No	🟡 epSOS Data Set																					
epsos-dataelement-39	🟡 Telephone No	🟡 epSOS Data Set																					
epsos-dataelement-49	🟡 Telephone No	🟡 epSOS Data Set																					
└ @use	set_cs	0 ... 1																					
	CONF			The value of @use shall be drawn from value set 1.3.6.1.4.1.12559.11.10.1.3.1.42.40 epSOSTelecomAddress (DYNAMIC)																			
└ @nullFlavor	cs	0 ... 1	F	NI																			
Example				<pre><telecom use="WP" value="tel:+45 20 7025 6161"/> <telecom use="HP" value="mailto:jsmith@myprovider.co.uk"/></pre>																			
<i>Choice</i>		1 ... 1		Elements to choose from: <ul style="list-style-type: none"> ▪ hl7:associatedPerson ▪ hl7:scopingOrganization 																			

Item	DT	Card	Conf	Description	Label
└ h17:associatedPerson			R		(epS... dHP)
└ h17:name	PN	1 ... 1	R	Patient Contact's Name / Preferred HP's Name	IHE PCC / R1.9.1
				 epsos-dataelement-46  Full Name  epSOS Data Set	
Example				<pre><name> <given>John</given> <family>Español Smith</family> </name></pre>	
Choice		2 ... *		Elements to choose from: <ul style="list-style-type: none"> ▪ h17:family ▪ h17:given 	
└ h17:family		1 ... *	R	Patient Contact's Family Name/Surname / Preferred HP's Family Name/Surname	R1.8.1 / R1.9.1.1
				 epsos-dataelement-38  Family Name/Surname  epSOS Data Set  epsos-dataelement-48  Family Name/Surname  epSOS Data Set	
└ h17:given		1 ... *	R	Patient Contact's Given Name / Preferred HP's Given Name	R1.8.2 / R1.9.1.2
				 epsos-dataelement-37  Given Name  epSOS Data Set  epsos-dataelement-47  Given Name  epSOS Data Set	
└ h17:scopingOrganization			R		(epS... dHP)
└ h17:name	ON	1 ... 1	R	Organization's Name	R1.9.1
				 epsos-dataelement-33  Organization Name  epSOS Data Set	


7.2.49 ● epSOS CDA Id 2.16.840.1.113883.3.1937.777.11.10.110 - 2013-12-20

Id	2.16.840.1.113883.3.1937.777.11.10.110	Effective Date	2013-12-20	
Status	● Active	Version Label		
Name	epSOSCDAIId	Display Name	epSOS CDA Id	
Open/Closed	Open (other than defined elements are allowed)			
Associated with	Associated with 1 concept			
	Id	Name	Data Set	
	epsos-dataelement-176	● Identification	● epSOS Data Set	
Used by / Uses	Used by 0 transactions and 7 templates, Uses 0 templates			
	Used by	as	Name	Version
	1.3.6.1.4.1.12559.11.10.1.3.1.1.1	Include	● epSOS-ePrescription	2013-12-20
	1.3.6.1.4.1.12559.11.10.1.3.1.1.2	Include	● epSOS-eDispensation	2013-12-20
	1.3.6.1.4.1.12559.11.10.1.3.1.1.3	Include	● epSOS-Patient Summary	2013-12-20
	1.3.6.1.4.1.12559.11.10.1.3.1.1.4	Include	● epSOS-Health Care Encounter Report	2013-12-20
	1.3.6.1.4.1.12559.11.10.1.3.1.1.5	Include	● epSOS-Medication Related Overview	2013-12-20
	1.3.6.1.4.1.12559.11.10.1.3.1.1.6	Include	● eHDSI-ePrescription PDF embedded	2017-03-11 22:32:59
1.3.6.1.4.1.12559.11.10.1.3.1.1.7	Include	● eHDSI-Patient Summary PDF embedded	2017-03-11 18:41:31	

Item	DT	Card	Conf	Description	Label
h17:id			R	<p>The <code>ClinicalDocument/id</code> element is an instance identifier data type. The root attribute is an OID. If there is a value in <code>@extension</code>, then the root uniquely identifies the scope of the extension. If there is no value in <code>@extension</code> then <code>@root</code> SHALL uniquely identify the document</p> <p>UUIDs SHALL be represented in the form XXXXXXXX-XXXX-XXXX-XXXX-XXXXXXXXXXXX, where each X is a character from the set [A-Fa-f0-9].</p>	R1.11.3

Item	DT	Card	Conf	Description	Label
				OIDs SHALL be represented in dotted decimal notation, where each decimal number is either 0, or starts with a nonzero digit. More formally, an OID SHALL be in the form ([0-2])(.[1-9][0-9]* 0))+.	
 epsos-dataelement-176  Identification  epSOS Data Set					
Example <code><id extension="a621" root="2.16.840.1.113883.3.1937.777.11.9999"/></code>					

7.2.50 epSOS CDA ManufacturedProduct 1.3.6.1.4.1.12559.11.10.1.3.1.3.1 - 2013-12-20

Id	1.3.6.1.4.1.12559.11.10.1.3.1.3.1	Effective Date	2013-12-20
Status	 Active	Version Label	
Name	epSOSCDAManufacturedProduct	Display Name	epSOS CDA ManufacturedProduct

Description

Template CDA ManufacturedProduct (prototype, directly derived from POCD_RM000040 MIF) The medicine entry content module describes a medication used in a <substanceAdministration> or <supply> act. This entry uses the structure of the HL7 V3 R_Medication Universal Common Message Element (CMET), Release 2.














This structure is part of the HL7 V3 2009 Normative Edition (COCT_RM230100UV). The incorporation of this structure is done according to section 1.4 CDA Extensibility of the HL7 CDA standard. Such an extension of the base CDA standard is an accepted practice in IHE (e.g. in the XD* Lab specification).

For the purposes of WP 3.5 this extension is necessary to satisfy the requirements for eP and eD data elements to represent a generic equivalent and ingredients.

The rules of section 1.4 CDA Extensibility require the designation of a new XML namespace for the XML elements in this structure. For the purposes of documentation, the namespace urn:epsos-org:ep:medication shall be used.

The following specification and constraints are applied to the structures of the CMET.

The example uses Pyrimon, Chloramphenicol/ Dexamethasone 1% w/v/ 0.1% w/v 5 ml Eye Drops as the medication. The structure is further explained in the following subsections.

Classification	CDA Entry Level Template			
Open/Closed	Open (other than defined elements are allowed)			
Used by / Uses	Used by 0 transactions and 11 templates, Uses 1 template			
	Used by	as	Name	Version
	1.3.6.1.4.1.12559.11.10.1.3.1.3.2	Containment	 epSOS CDA substanceAdministration	2013-12-20
	1.3.6.1.4.1.12559.11.10.1.3.1.2.1		 Section Prescription	2013-12-20
	1.3.6.1.4.1.12559.11.10.1.3.1.1.1		 epSOS-ePrescription	2013-12-20
	1.3.6.1.4.1.12559.11.10.1.3.1.3.3	Containment	 epSOS CDA Supply	2013-12-20
	1.3.6.1.4.1.12559.11.10.1.3.1.2.2		 Section Dispensation	2013-12-20
	1.3.6.1.4.1.12559.11.10.1.3.1.1.2		 epSOS-eDispensation	2013-12-20
	1.3.6.1.4.1.12559.11.10.1.3.1.3.4	Containment	 Medication Item	2013-12-20
	1.3.6.1.4.1.12559.11.10.1.3.1.2.3		 Section Medication Summary	2013-12-20
	1.3.6.1.4.1.12559.11.10.1.3.1.1.3		 epSOS-Patient Summary	2013-12-20
	1.3.6.1.4.1.12559.11.10.1.3.1.1.4		 epSOS-Health Care Encounter Report	2013-12-20
1.3.6.1.4.1.12559.11.10.1.3.1.1.5		 epSOS-Medication Related Overview	2013-12-20	
Uses	as	Name	Version	
2.16.840.1.113883.3.1937.777.11.10.143	Include	 epSOS CDA Material	DYNAMIC	
Relationship	Specialization: template 2.16.840.1.113883.10.12.312 (2005-09-07)			
Example	<p>Example</p> <pre><manufacturedProduct classCode="MANU"> <templateId root="1.3.6.1.4.1.12559.11.10.1.3.1.3.1"/> <manufacturedMaterial classCode="MMAT" determinerCode="KIND"> <!-- National medicinal product code --> </manufacturedMaterial> </manufacturedProduct></pre>			

```

<code code=" " displayName="Pyrimon" codeSystem=" " codeSystemName=" "/>
<!-- Brand name -->

<name>Pyrimon</name>
<epsos:formCode code="10604000" displayName="Eye drops, solution" codeSystem="1.3.6.1.4.1.12559.11.10.1.3.1.44.1"
codeSystemName="EDQM"/>
<!-- Container information -->

<epsos:asContent classCode="CONT">

  <epsos:containerPackagedMedicine classCode="CONT" determinerCode="INSTANCE">

    <epsos:name>Pyrimon 5 ml Eye Drops</epsos:name>
    <epsos:formCode code="30008000" displayName="Bottle" codeSystem="1.3.6.1.4.1.12559.11.10.1.3.1.44.1" codeSystemName="EDQM"/>
    <epsos:capacityQuantity value="5" unit="ml"/>
    <epsos:capTypeCode code="30022000" codeSystem=" 1.3.6.1.4.1.12559.11.10.1.3.1.44.1" displayName="Dropper applicator"
codeSystemName="EDQM"/>
  </epsos:containerPackagedMedicine>
</epsos:asContent>
<!-- This is the generic equivalent -->

<epsos:asSpecializedKind classCode="GRIC">

  <epsos:generalizedMedicineClass classCode="MMAT">

    <epsos:code nullFlavor="NA"/>
    <epsos:name>Chloramphenicol/ Dexamethasone</epsos:name>
  </epsos:generalizedMedicineClass>
</epsos:asSpecializedKind>
<!-- This is the list of active ingredients -->

<epsos:ingredient classCode="ACTI">

  <!-- Strength 1% w/v -->

  <epsos:quantity>

    <epsos:numerator xsi:type="epsos:PQ" value="10" unit="mg"/>
    <epsos:denominator xsi:type="epsos:PQ" value="1" unit="ml"/>
  </epsos:quantity>
  <epsos:ingredient classCode="MMAT" determinerCode="KIND">

    <epsos:code code="S01AA01" codeSystem="1.3.6.1.4.1.12559.11.10.1.3.1.44.1" displayName="chloramphenicol"/>
    <epsos:name>Chloramphenicol</epsos:name>
  </epsos:ingredient>
</epsos:ingredient>
<epsos:ingredient classCode="ACTI">

  <!-- Strength 0.1% w/v -->

  <epsos:quantity>

```

```

<epsos:numerator xsi:type="epsos:PQ" value="1" unit="mg"/>
<epsos:denominator xsi:type="epsos:PQ" value="1" unit="ml"/>
</epsos:quantity>
<epsos:ingredient classCode="MMAT" determinerCode="KIND">







  <epsos:code code="D07CB04" codeSystem="1.3.6.1.4.1.12559.11.10.1.3.1.44.1" displayName="dexamethasone and antibiotics"/>
  <epsos:name>Dexamethasone</epsos:name>
</epsos:ingredient>
</epsos:ingredient>
</manufacturedMaterial>
</manufacturedProduct>
    
```

There are open issues with this item:



- epsos-issue-121: *Name of Template Medicine & specialized templates* (Open)
- epsos-issue-124: *asSpecializedKind missing in Medication Summary Spec* (Open)
- epsos-issue-126: *Add 1.3.6.1.4.1.12559.11.10.1.3.1.3.1 template specializations* (Open)
- epsos-issue-212: *cardinality of manufacturedProduct* (In Progress)
- epsos-issue-282: *Make the formCode element of the manufacturedMaterial optional* (Open)
- epsos-issue-283: *Remove determinerCode from epsos:ingredient element* (Open)




Item	DT	Card	Conf	Description	La
h17:manufacturedProduct		0 .. 1	R		(ep ... uct
└ @classCode	cs	0 .. 1	F	MANU	
└ h17:templateId	II.EPSOS	1 .. 1	R	In an epSOS ePrescription or eDispensation document, the name and coding of the medication are specified in the elements under the <manufacturedProduct> element. The templateId element is required and identifies this as a Medicine entry.	(ep ... uct
└ @root	uid	1 .. 1	F	1.3.6.1.4.1.12559.11.10.1.3.1.3.1	
	Example	<templateId root="1.3.6.1.4.1.12559.11.10.1.3.1.3.1">...</templateId>			
└ h17:templateId	II.EPSOS	0 .. *	R		(ep ... uct
Included		1 .. 1	R	from 2.16.840.1.113883.3.1937.777.11.10.143 epSOS CDA Material (DYNAMIC)	

Item	DT	Card	Conf	Description	La
└ h17:manufacturedMaterial		1 ... 1	R		(ep ... uct
└ @classCode	cs	1 ... 1	F	MMAT	
└ @determinerCode	cs	1 ... 1	F	KIND	
└ h17:code	CE.EPSOS	0 ... 1	R	<p>The <code> element of the <manufacturedMaterial> describes the medication.</p> <p>For the scope of epSOS this is used to convey the “Country A Cross-border/regional/national medicinal product code.</p> <p>In a CDA document, the <originalText> shall contain a <reference> whose URI value points to the generic name and strength of the medication in the narrative, or just the generic name alone if strength is not relevant.</p> <p>Note: When the text is supplied from the narrative, the implication is that if the components of a combination medication are supplied in an entry, these must also be displayed in narrative text; the combination medication will not be able to be broken down into its component parts. This is entirely consistent with the CDA Release 2.0 requirements that the narrative supply the necessary and relevant human readable information content.</p>	(ep ... uct
				 epsos-dataelement-135  Medicinal product code  epSOS Data Set	
└ h17:name	EN	0 ... 1	R	In an epSOS ePrescription or eDispensation document, the element should contain the brand name of the medication.	(ep ... uct
				 epsos-dataelement-137  Brand name  epSOS Data Set	
└ epsos:desc	EN	0 ... 1	R	Free-text representation of the strength.	(ep ... uct

Item	DT	Card	Conf	Description	La	
					uct	
	Example	<code><epsos:desc>20/12,5 mg</epsos:desc></code>				
<code>└ epsos:formCode</code>	CE.EPSOS	1 ... 1	R	This code represents the form of the medication (e.g. tablet, capsule, liquid). The value of this code affects the units used in the substance administration quantity element – if the form is a tablet, for example, the unit is 1; if the form is a liquid, the unit will be part of UCUM. The value set is epSOSDoseForm, OID: 1.3.6.1.4.1.12559.11.10.1.3.1.42.2.	(ep ... uct	
		epsos-dataelement-106	Pharmaceutical dose form	epSOS Data Set		
	CONF	The value of @code shall be drawn from value set 1.3.6.1.4.1.12559.11.10.1.3.1.42.2 <i>epSOSDoseForm</i> (DYNAMIC)				
	Example	<code><epsos:formCode code="10211000" codeSystem="0.4.0.127.0.16.1.1.2.1" codeSystemName="EDQM" codeSystemVersion="2017-04-14" displayName="Capsule, soft">...</epsos:formCode></code>				
<code>└ epsos:asContent</code>		0 ... *	R	This structure describes the packaging of the medication. The element provides the code for the particular package. If the package has a brand name, it can be described in the element. The element described the capacity of the packaging. For example, to represent 30 tablets, the element at the level must indicate tablets as the form, value attribute of the element must have the value of 30, and the unit attribute must be 1. In the cases where the unit attribute is not 1, UCUM units shall be used. The value set is epSOSUnits, OID 1.3.6.1.4.1.12559.11.10.1.3.1.42.16 and epSOSDoseForm, OID 1.3.6.1.4.1.12559.11.10.1.3.1.42.2.	(ep ... uct	
<code>└ @classCode</code>	cs	1 ... 1	F	CONT		
	Example	<pre><epsos:asContent classCode="CONT"> <epsos:containerPackagedMedicine classCode="CONT" determinerCode="INSTANCE"> <epsos:name/> <epsos:formCode code=" " displayName=" " codeSystem=" " codeSystemName=" "/> <epsos:capacityQuantity value=" " unit=" "/> </epsos:containerPackagedMedicine> </epsos:asContent></pre>				
<code>└ epsos:containerPackagedMedicine</code>		1 ... *	R		(ep ... uct	
<code>└ @classCode</code>	cs	1 ... 1	F	CONT		
<code>└ @determinerCode</code>	cs	1 ... 1	F	INSTANCE		

Item	DT	Card	Conf	Description	La	
	Example	<code><epsos:containerPackagedMedicine classCode="CONT" determinerCode="INSTANCE">...</epsos:containerPackagedMedicine></code>				
└ epsos:name	ST	0 ... *	R		(ep ... uct	
	Example	<code><epsos:name>...</epsos:name></code>				
└ epsos:formCode	CE.EPSOS	1 ... 1	R		(ep ... uct	
	CONF	The value of @code shall be drawn from value set 1.3.6.1.4.1.12559.11.10.1.3.1.42.2 <i>epSOSDoseForm</i> (DYNAMIC) or The value of @code shall be drawn from value set 1.3.6.1.4.1.12559.11.10.1.3.1.42.3 <i>epSOSPackage</i> (DYNAMIC)				
	Example	<code><epsos:formCode code="10100500" codeSystem="0.4.0.127.0.16.1.1.2.1" displayName="Concentrate for oral suspension"/></code>				
└ epsos:capacityQuantity	PQ	1 ... 1	M		(ep ... uct	
	 epsos-dataelement-138  Medicinal product package size  epSOS Data Set					
└ @unit	cs	1 ... 1	R			
	CONF	The value of @unit shall be drawn from value set 1.3.6.1.4.1.12559.11.10.1.3.1.42.16 <i>epSOSUnits</i> (DYNAMIC)				
└ @value		1 ... 1	R			
	Example	<code><epsos:capacityQuantity unit="1" value="700"/></code>				
└ epsos:asSpecializedKind		0 ... 1	R	This module is used for representing the classification of the Substance according to the WHO Anatomical Therapeutic Chemical (ATC) Classification System.	(ep ... uct	















Item	DT	Card	Conf	Description	La
				<p>The classCode of "GEN" identifies this structure as the representation of a generic equivalent of the medication described in the current Medicine entry.</p> <p>The <epsos:code> element contains the ATC code, and the <epsos:name> element may be used for the plain text representation.</p>	
└ @classCode	cs	1 ... 1	F	GEN	
	Example			<pre><epsos:asSpecializedKind classCode="GEN"> <epsos:generalizedMedicineClass classCode="MMAT"> <epsos:code code=" " codeSystem="2.16.840.1.113883.6.73" codeSystemName="Anatomical Therapeutic Chemical" displayName=" " /> <epsos:name/> </epsos:generalizedMedicineClass> </epsos:asSpecializedKind></pre>	
└ epsos:generalizedMedicineClass			R		(ep ... uct
└ @classCode	cs	1 ... 1	F	MMAT	
└ epsos:code	CD.EPSOS	1 ... 1	R		(ep ... uct
	CONF			The value of @code shall be drawn from value set 1.3.6.1.4.1.12559.11.10.1.3.1.42.24 <i>epSOSActiveIngredient</i> (DYNAMIC	
└ epsos:name		0 ... 1			(ep ... uct
└ epsos:ingredient		0 ... *	R	One or more active ingredients may be represented with this structure. The classCode of "ACTI" indicates that this is an active ingredient. The element contains the coded representation of the ingredient and the element may be used for the plain text representation.	(ep ... uct
└ @classCode	cs	1 ... 1	F	ACTI	

Item	DT	Card	Conf	Description	La
└ @determinerCode	cs	1 ... 1	F	KIND	
	Example	<code><epsos:ingredient classCode="ACTI">...</epsos:ingredient></code>			
└ epsos:quantity		1 ... 1	M	The medication strength is represented as the ratio of the active ingredient(s) to a unit of medication. The element contains the numerator and denominator of the strength ratio.	(ep ... uct
	 epsos-dataelement-105		 Strength	 epSOS Data Set	
	Example	<code><epsos:quantity>...</epsos:quantity></code>			
└ epsos:numerator	epsos:PQ	1 ... 1	R		(ep ... uct
└ @unit	cs	1 ... 1	R		
└ @value		1 ... 1	R		
	Example	<code><epsos:numerator unit="mg" value="20" xsi:type="epsos:PQ"/></code>			
└ epsos:denominator	epsos:PQ	1 ... 1	R		(ep ... uct
└ @unit	cs	1 ... 1	R		
└ @value		1 ... 1	R		
	Example	<code><epsos:denominator unit="1" value="1" xsi:type="epsos:PQ"/></code>			
└ epsos:ingredient	CD.EPSOS	1 ... 1	R		(ep ... uct
└ epsos:code	CD.EPSOS	1 ... 1	R		(ep ... uct

Item	DT	Card	Conf	Description	La
<div style="display: flex; justify-content: space-between; align-items: center;"> epsos-dataelement-104 Active ingredient code epSOS Data Set </div>					
CONF		The value of @code shall be drawn from value set 1.3.6.1.4.1.12559.11.10.1.3.1.42.24 epSOSActiveIngredient (DYNAMIC			
↳ epsos:originalText	ED	0 ... *			(ep ... uct
↳ epsos:reference	TEL	0 ... *			(ep ... uct
↳ epsos:translation	CD	0 ... *		This element can be used to provide alternative identifications for the described substance.	(ep ... uct
↳ epsos:name		0 ... 1		Name of the substance	(ep ... uct
<div style="display: flex; justify-content: space-between; align-items: center;"> epsos-dataelement-103 Active ingredient epSOS Data Set </div>					
















7.2.51 epSOS CDA Material 2.16.840.1.113883.3.1937.777.11.10.143 - 2013-12-20

Id	2.16.840.1.113883.3.1937.777.11.10.143	Effective Date	2013-12-20
Status	Active	Version Label	
Name	epSOSCDAMaterial	Display Name	epSOS CDA Material
Classification	CDA Entry Level Template		
Open/Closed	Open (other than defined elements are allowed)		
Associated with	Associated with 7 concepts		
	Id	Name	Data Set

epsos-dataelement-105	 Strength	 epSOS Data Set
epsos-dataelement-137	 Brand name	 epSOS Data Set
epsos-dataelement-135	 Medicinal product code	 epSOS Data Set
epsos-dataelement-106	 Pharmaceutical dose form	 epSOS Data Set
epsos-dataelement-104	 Active ingredient code	 epSOS Data Set
epsos-dataelement-103	 Active ingredient	 epSOS Data Set
epsos-dataelement-138	 Medicinal product package size	 epSOS Data Set

Used by 0 transactions and 12 templates, Uses 0 templates

Used by / Uses

Used by	as	Name	Version
1.3.6.1.4.1.12559.11.10.1.3.1.3.1	Include	 epSOS CDA ManufacturedProduct	2013-12-20
1.3.6.1.4.1.12559.11.10.1.3.1.3.2		 epSOS CDA substanceAdministration	2013-12-20
1.3.6.1.4.1.12559.11.10.1.3.1.2.1		 Section Prescription	2013-12-20
1.3.6.1.4.1.12559.11.10.1.3.1.1.1		 epSOS-ePrescription	2013-12-20
1.3.6.1.4.1.12559.11.10.1.3.1.3.3		 epSOS CDA Supply	2013-12-20
1.3.6.1.4.1.12559.11.10.1.3.1.2.2		 Section Dispensation	2013-12-20
1.3.6.1.4.1.12559.11.10.1.3.1.1.2		 epSOS-eDispensation	2013-12-20
1.3.6.1.4.1.12559.11.10.1.3.1.3.4		 Medication Item	2013-12-20
1.3.6.1.4.1.12559.11.10.1.3.1.2.3		 Section Medication Summary	2013-12-20
1.3.6.1.4.1.12559.11.10.1.3.1.1.3		 epSOS-Patient Summary	2013-12-20
1.3.6.1.4.1.12559.11.10.1.3.1.1.4		 epSOS-Health Care Encounter Report	2013-12-20
1.3.6.1.4.1.12559.11.10.1.3.1.1.5		 epSOS-Medication Related Overview	2013-12-20

Relationship







Generalization: template 2.16.840.1.113883.10.12.311 (2005-09-07)



There are open issues with this item:

- epsos-issue-187: *units in ingredient/quantity* (Feedback needed)
- epsos-issue-248: *hl7:name cardinality must be changed from 0 ... 1 to 1 ... 1* (Open)
- epsos-issue-259: *No conformance set for ActiveIngredient substance name* (Open)
- epsos-issue-272: *restrict formCode CONF to epSOSPackage value set for asContent part* (Open)

Item	DT	Card	Conf	Description
hl7:manufacturedMaterial		0 ... *	R	
└ @classCode	cs	1 ... 1	F	MMAT
└ @determinerCode	cs	1 ... 1	F	KIND
└ hl7:code	CE.EPSOS	0 ... 1	R	<p>The <code> element of the <manufacturedMaterial> describes the medication.</p> <p>For the scope of epSOS this is used to convey the “Country A Cross-border/regional/national medicinal product code.</p> <p>In a CDA document, the <originalText> shall contain a <reference> whose URI value points to the generic name and strength of the medication in the narrative, or just the generic name alone if strength is not relevant.</p> <p>Note: When the text is supplied from the narrative, the implication is that if the components of a combination medication are supplied in an entry, these must also be displayed in narrative text; the combination medication will not be able to be broken down into its component parts. This is entirely consistent with the CDA Release 2.0 requirements that the narrative supply the necessary and relevant human readable information content.</p>
		epsos-dataelement-135	Medicinal product code	epSOS Data Set
└ hl7:name	EN	0 ... 1	R	In an epSOS ePrescription or eDispensation document, the element should contain the brand name of the medication.

Item	DT	Card	Conf	Description
	 epsos-dataelement-137  Brand name  epSOS Data Set			
└ epsos:desc	EN	0 ... 1	R	Free-text representation of the strength.
	Example	<code><epsos:desc>20/12,5 mg</epsos:desc></code>		
└ epsos:formCode	CE.EPSOS	1 ... 1	R	This code represents the form of the medication (e.g. tablet, capsule, liquid). The value of this code affects the units used in the substance administration quantity element – if the form is a tablet, for example, the unit is 1; if the form is a liquid, the unit will be part of UCUM. The value set is epSOSDoseForm, OID: 1.3.6.1.4.1.12559.11.10.1.3.1.42.2.
	 epsos-dataelement-106  Pharmaceutical dose form  epSOS Data Set			
	CONF	The value of @code shall be drawn from value set 1.3.6.1.4.1.12559.11.10.1.3.1.42.2 <i>epSOSDoseForm</i> (DYNAMIC)		
	Example	<code><epsos:formCode code="10211000" codeSystem="0.4.0.127.0.16.1.1.2.1" codeSystemName="EDQM" codeSystemVersion="2017-04-14" displayName="Capsule, soft">...</epsos:formCode></code>		
└ epsos:asContent		0 ... *	R	This structure describes the packaging of the medication. The element provides the code for the particular package. If the package has a brand name, it can be described in the element. The element described the capacity of the packaging. For example, to represent 30 tablets, the element at the level must indicate tablets as the form, value attribute of the element must have the value of 30, and the unit attribute must be 1. In the cases where the unit attribute is not 1, UCUM units shall be used. The value set is epSOSUnits, OID 1.3.6.1.4.1.12559.11.10.1.3.1.42.16 and epSOSDoseForm, OID 1.3.6.1.4.1.12559.11.10.1.3.1.42.2.
└ @classCode	cs	1 ... 1	F	CONT
	Example	<pre> <epsos:asContent classCode="CONT"> <epsos:containerPackagedMedicine classCode="CONT" determinerCode="INSTANCE"> <epsos:name/> <epsos:formCode code=" " displayName=" " codeSystem=" " codeSystemName=" "/> <epsos:capacityQuantity value=" " unit=" "/> </epsos:containerPackagedMedicine> </epsos:asContent> </pre>		
└ epsos:containerPackagedMedicine		1 ... *	R	

Item	DT	Card	Conf	Description
└ @classCode	cs	1 .. 1	F	CONT
└ @determinerCode	cs	1 .. 1	F	INSTANCE
	Example	<code><epsos:containerPackagedMedicine classCode="CONT" determinerCode="INSTANCE">...</epsos:containerPackagedMedicine></code>		
└ epsos:name	ST	0 .. *	R	
	Example	<code><epsos:name>...</epsos:name></code>		
└ epsos:formCode	CE.EPSOS	1 .. 1	R	
	CONF	The value of @code shall be drawn from value set 1.3.6.1.4.1.12559.11.10.1.3.1.42.2 <i>epSOSDoseForm</i> (DYNAMIC) or The value of @code shall be drawn from value set 1.3.6.1.4.1.12559.11.10.1.3.1.42.3 <i>epSOSPackage</i> (DYNAMIC)		
	Example	<code><epsos:formCode code="10100500" codeSystem="0.4.0.127.0.16.1.1.2.1" displayName="Concentrate for oral suspension"/></code>		
└ epsos:capacityQuantity	PQ	1 .. 1	M	
	 epsos-dataelement-138  Medicinal product package size  epSOS Data Set			
└ @unit	cs	1 .. 1	R	
	CONF	The value of @unit shall be drawn from value set 1.3.6.1.4.1.12559.11.10.1.3.1.42.16 <i>epSOSUnits</i> (DYNAMIC)		
└ @value		1 .. 1	R	

Item	DT	Card	Conf	Description
	Example	<code><epsos:capacityQuantity unit="1" value="700"/></code>		
↳ <code>epsos:asSpecializedKind</code>		0 ... 1	R	<p>This module is used for representing the classification of the Substance according to the WHO Anatomical Therapeutic Chemical (ATC) Classification System.</p> <p>The classCode of "GEN" identifies this structure as the representation of a generic equivalent of the medication described in the current Medicine entry.</p> <p>The <code><epsos:code></code> element contains the ATC code, and the <code><epsos:name></code> element may be used for the plain text representation.</p>
↳ <code>@classCode</code>	cs	1 ... 1	F	GEN
	Example	<pre> <epsos:asSpecializedKind classCode="GEN"> <epsos:generalizedMedicineClass classCode="MMAT"> <epsos:code code=" " codeSystem="2.16.840.1.113883.6.73" codeSystemName="Anatomical Therapeutic Chemical" displayName=" " /> <epsos:name/> </epsos:generalizedMedicineClass> </epsos:asSpecializedKind> </pre>		
↳ <code>epsos:generalizedMedicineClass</code>			R	
↳ <code>@classCode</code>	cs	1 ... 1	F	MMAT
↳ <code>epsos:code</code>	CD.EPSOS	1 ... 1	R	
	CONF	The value of <code>@code</code> shall be drawn from value set 1.3.6.1.4.1.12559.11.10.1.3.1.42.24 <i>epSOSActiveIngredient</i> (DYNAMIC)		
↳ <code>epsos:name</code>		0 ... 1		

Item	DT	Card	Conf	Description
└ epsos:ingredient		0 ... *	R	One or more active ingredients may be represented with this structure. The classCode of "ACTI" indicates that this is an active ingredient. The element contains the coded representation of the ingredient and the element may be used for the plain text representation.
└ @classCode	cs	1 ... 1	F	ACTI
└ @determinerCode	cs	1 ... 1	F	KIND
Example		<code><epsos:ingredient classCode="ACTI">...</epsos:ingredient></code>		
└ epsos:quantity		1 ... 1	M	The medication strength is represented as the ratio of the active ingredient(s) to a unit of medication. The element contains the numerator and denominator of the strength ratio.
		epsos-dataelement-105	Strength	epSOS Data Set
Example		<code><epsos:quantity>...</epsos:quantity></code>		
└ epsos:numerator	epsos:PQ	1 ... 1	R	
└ @unit	cs	1 ... 1	R	
└ @value		1 ... 1	R	
Example		<code><epsos:numerator unit="mg" value="20" xsi:type="epsos:PQ"/></code>		
└ epsos:denominator	epsos:PQ	1 ... 1	R	
└ @unit	cs	1 ... 1	R	
└ @value		1 ... 1	R	
Example		<code><epsos:denominator unit="1" value="1" xsi:type="epsos:PQ"/></code>		







Item	DT	Card	Conf	Description
└ epsos:ingredient	CD.EPSOS	1 ... 1	R	
└ epsos:code	CD.EPSOS	1 ... 1	R	
<div style="display: flex; justify-content: space-between; align-items: center;"> 🎯 epsos-dataelement-104 🟡 Active ingredient code 🟡 epSOS Data Set </div>				
<div style="display: flex; justify-content: space-between; align-items: center;"> CONF The value of @code shall be drawn from value set 1.3.6.1.4.1.12559.11.10.1.3.1.42.24 epSOSActiveIngredient (DYNAMIC) </div>				
└ epsos:originalText	ED	0 ... *		
└ epsos:reference	TEL	0 ... *		
└ epsos:translation	CD	0 ... *		This element can be used to provide alternative identifications for the described substance.
└ epsos:name		0 ... 1		Name of the substance
<div style="display: flex; justify-content: space-between; align-items: center;"> 🎯 epsos-dataelement-103 🟡 Active ingredient 🟡 epSOS Data Set </div>				

7.2.52 epSOS CDA Organization 2.16.840.1.113883.3.1937.777.11.10.111 - 2013-12-20

Id	2.16.840.1.113883.3.1937.777.11.10.111	Effective Date	2013-12-20
Status	Active	Version Label	
Name	epSOS CDA Organization	Display Name	epSOS CDA Organization
Open/Closed	Open (other than defined elements are allowed)		

Associated with



























Associated with 3 concepts

Id	Name	Data Set
epsos-dataelement-25	 Identifier	 epSOS Data Set
epsos-dataelement-23	 Author Healthcare Facility	 epSOS Data Set
epsos-dataelement-24	 Name	 epSOS Data Set

Used by / Uses

Used by 0 transactions and 32 templates, Uses 0 templates










Used by	as	Name	Version
2.16.840.1.113883.3.1937.777.11.10.102	Containment	 epSOS CDA author	2013-12-20
1.3.6.1.4.1.12559.11.10.1.3.1.1.2		 epSOS-eDispensation	2013-12-20
1.3.6.1.4.1.12559.11.10.1.3.1.1.3		 epSOS-Patient Summary	2013-12-20
1.3.6.1.4.1.12559.11.10.1.3.1.1.4		 epSOS-Health Care Encounter Report	2013-12-20
1.3.6.1.4.1.12559.11.10.1.3.1.1.5		 epSOS-Medication Related Overview	2013-12-20
1.3.6.1.4.1.12559.11.10.1.3.1.1.7		 eHDSI-Patient Summary PDF embedded	2017-03-11 18:41:31
1.3.6.1.4.1.19376.1.5.3.1.4.2		 Comment	2013-12-20
1.3.6.1.4.1.19376.1.5.3.1.4.12		 Immunizations	2013-12-20
1.3.6.1.4.1.19376.1.5.3.1.3.23		 Section Immunizations	2013-12-20
1.3.6.1.4.1.19376.1.5.3.1.4.5		 Problem	2013-12-20
1.3.6.1.4.1.19376.1.5.3.1.4.5.2		 Problem Concern	2013-12-20
1.3.6.1.4.1.19376.1.5.3.1.3.6		 Section Active Problems	2013-12-20
1.3.6.1.4.1.19376.1.5.3.1.3.8		 Section History of Past Illness	2013-12-20
1.3.6.1.4.1.19376.1.5.3.1.4.6		 Allergies And Intolerances	2013-12-20
1.3.6.1.4.1.19376.1.5.3.1.4.5.3		 Allergy and Intolerance Concern	2013-12-20


1.3.6.1.4.1.19376.1.5.3.1.3.13		 Section Allergies and Other Adverse Reactions	2013-12-20
2.16.840.1.113883.3.1937.777.11.10.103	Containment	 epSOS CDA author prescriber	2013-12-20
1.3.6.1.4.1.12559.11.10.1.3.1.1.1		 epSOS-ePrescription	2013-12-20
1.3.6.1.4.1.12559.11.10.1.3.1.1.6		 eHDSI-ePrescription PDF embedded	2017-03-11 22:32:59
1.3.6.1.4.1.12559.11.10.1.3.1.3.2		 epSOS CDA substanceAdministration	2013-12-20
1.3.6.1.4.1.12559.11.10.1.3.1.2.1		 Section Prescription	2013-12-20
1.3.6.1.4.1.12559.11.10.1.3.1.3.4		 Medication Item	2013-12-20
1.3.6.1.4.1.12559.11.10.1.3.1.2.3		 Section Medication Summary	2013-12-20
2.16.840.1.113883.3.1937.777.11.10.104	Containment	 epSOS CDA custodian	2013-12-20
2.16.840.1.113883.3.1937.777.11.10.105	Containment	 epSOS CDA documentationOf	2013-12-20
2.16.840.1.113883.3.1937.777.11.10.106	Containment	 epSOS CDA documentationOf PCPR	2013-12-20
2.16.840.1.113883.3.1937.777.11.10.109	Containment	 epSOS CDA legalAuthenticator	2013-12-20
2.16.840.1.113883.3.1937.777.11.10.112	Containment	 CDA participant	2013-12-20
2.16.840.1.113883.3.1937.777.11.10.114	Containment	 epSOS CDA AssignedEntity	2013-12-20
2.16.840.1.113883.3.1937.777.11.10.136		 CDA Performer (Body)	2013-12-20
1.3.6.1.4.1.12559.11.10.1.3.1.3.3		 epSOS CDA Supply	2013-12-20
1.3.6.1.4.1.12559.11.10.1.3.1.2.2		 Section Dispensation	2013-12-20

There are open issues with this item:




- epsos-issue-169: *classCode, determinerCode* (Feedback needed)
- epsos-issue-170: *elements in address* (Open)
- epsos-issue-250: *telecom use code* (Open)
- epsos-issue-255: *country element in addr has to come from the epSOS country value set if available* (Feedback needed)

Item	DT	Card	Conf	Description	Label
@classCode	cs	0 ... 1	F	ORG	
<div style="border: 1px solid #ccc; background-color: #e6ffe6; padding: 5px;">  epsos-dataelement-23  Author Healthcare Facility  epSOS Data Set </div>					
@determinerCode	cs	0 ... 1	F	INSTANCE	
h17:id	II.EPSOS	1 ... 1	R	Healthcare Facility's Id	R1.10.9.2
<div style="border: 1px solid #ccc; background-color: #e6ffe6; padding: 5px;">  epsos-dataelement-25  Identifier  epSOS Data Set </div>					
└ @nullFlavor	cs	0 ... 1			
h17:name	ON	1 ... 1	R	Healthcare Facility's Name	R1.10.9.1
<div style="border: 1px solid #ccc; background-color: #e6ffe6; padding: 5px;">  epsos-dataelement-24  Name  epSOS Data Set </div>					
└ @nullFlavor	cs	0 ... 1			
h17:telecom	TEL	1 ... *	R	Healthcare Facility's Telecom If there is no information, the nullFlavor attribute shall have a value of 'NI' and the "value" and "use" attributes shall be omitted, otherwise the nullFlavor attribute shall not be present, and the "value" and "use" attributes shall be present. Optionalities and Cardinalities of the following two items shall be interpreted according to this rule: e.g. is not expected to have two nullFlavored telecom elements.	R1.10.9.4 / R1.10.9.4.1 / R1.10.9.4.2
└ @use	set_cs	0 ... 1			
<div style="border: 1px solid #ccc; background-color: #e6e6e6; padding: 5px; margin-top: 10px;"> CONF The value of @use shall be drawn from value set 1.3.6.1.4.1.12559.11.10.1.3.1.42.40 epSOSTelecomAddress (DYNAMIC) </div>					

Item	DT	Card	Conf	Description	Label
└ @nullFlavor	cs	0 ... 1	F	NI	
	Example	<pre><telecom use="WP" value="tel:+45 20 7025 6161"/> <telecom use="HP" value="mailto:jsmith@myprovider.co.uk"/></pre>			
h17:addr	AD.EPSOS	1 ... 1	R		R1.10.9.3
	Schematron assert	role	 error		
		test	@nullFlavor or h17:*		
		Message	If addr is not nullflavored at least one sub element has to be provided		
└ h17:streetAddressLine		0 ... *	R	Healthcare Facility's Number of Street/Healthcare Facility's Number of Street	R1.1... .3.1
└ h17:city		0 ... 1	R	Healthcare Facility's City	R1.1... .3.2
└ h17:postalCode		0 ... 1	R	Healthcare Facility's Postal Code	R1.1... .3.3
└ h17:state		0 ... 1	R	Healthcare Facility's State or Province	R1.1... .3.4
└ h17:country		1 ... 1	R	Healthcare Facility's Country. Mandatory for ClinicalDocument/author and ClinicalDocument/documentationOf/serviceEvent/performer, required in other cases. When used addr.country it is always bound to the epSOSCountry value set.	R1.1... .3.5
	CONF	The value of @code shall be drawn from value set 1.3.6.1.4.1.12559.11.10.1.3.1.42.4 epSOSCountry (DYNAMIC)			

7.2.53 CDA Performer (Body) 2.16.840.1.113883.3.1937.777.11.10.136 - 2013-12-20

Id	2.16.840.1.113883.3.1937.777.11.10.136	Effective Date	2013-12-20
Status	 Active	Version Label	
Name	epSOSCDAPerformerBody	Display Name	CDA Performer (Body)
Description	Template CDA Performer (Body) (prototype, directly derived from POCD_RM000040 MIF)		
Classification	CDA Entry Level Template		

Open/Closed	Open (other than defined elements are allowed)		
Used by / Uses	Used by 0 transactions and 3 templates, Uses 1 template		
	Used by	as	Name
	1.3.6.1.4.1.12559.11.10.1.3.1.3.3	Containment	epSOS CDA Supply
	1.3.6.1.4.1.12559.11.10.1.3.1.2.2		Section Dispensation
1.3.6.1.4.1.12559.11.10.1.3.1.1.2		epSOS-eDispensation	
Uses	as	Name	Version
2.16.840.1.113883.3.1937.777.11.10.114	Containment	epSOS CDA AssignedEntity	DYNAMIC

Relationship		Specialization: template 2.16.840.1.113883.10.12.323 (2005-09-07)			
Item	DT	Card	Conf	Description	Label
@typeCode		0 ... 1	F	PRF	
h17:time	IVL_TS	0 ... 1	R		(epS ... ody)
h17:modeCode	CE.EPSOS	0 ... 1	R		(epS ... ody)
	CONF	The value of @code shall be drawn from value set 2.16.840.1.113883.1.11.16543 ParticipationMode (DYNAMIC)			
h17:assignedEntity		1 ... 1	R	Contains 2.16.840.1.113883.3.1937.777.11.10.114 epSOS CDA AssignedEntity (DYNAMIC)	(epS ... ody)

7.2.54 epSOS CDA substanceAdministration 1.3.6.1.4.1.12559.11.10.1.3.1.3.2 - 2013-12-20

Id	1.3.6.1.4.1.12559.11.10.1.3.1.3.2	Effective Date	2013-12-20
Status	Active	Version Label	

Name	epSOSCDASubstanceAdministration	Display Name	epSOS CDA substanceAdministration
------	---------------------------------	--------------	-----------------------------------

Description

The general model is to record each prescribed medication in a <substanceAdministration> intent (moodCode='INT'). The <substanceAdministration> element may contain subordinate <sub-stanceAdministration> elements in a related component entry to deal with special cases (see the following sections below on Special Cases). These cases include split, tapered, or conditional dosing, or combination medications.

The use of subordinate <substanceAdministration> elements to deal with these cases is optional. The comment field should always be used in these cases to provide the same information as free text in the top level <substanceAdministration> element. There are a variety of special cases for dosing that need to be accounted for. These are described below. Most of these special cases involve changing the dosage or frequency over time, or based on some measurement. When the dosage changes, then additional entries are required for each differing dosage. The last case deals with combination medications.

For the purposes of WP3.5 only the normal, the split dosing and the combination medications are addressed.

- Normal Dosing 1.3.6.1.4.1.19376.1.5.3.1.4.7.1

This template identifier is used to identify medication administration events that do not require any special processing. The parent template is 1.3.6.1.4.1.19376.1.5.3.1.4.7. Medications that use this template identifier shall not use subordinate <substanceAdministration> acts.

- Combination Medications 1.3.6.1.4.1.19376.1.5.3.1.4.11

This template identifier is used to identify medication administration events that require special processing to handle combination medications. The parent template is 1.3.6.1.4.1.19376.1.5.3.1.4.7. A combination medication is made up of two or more other medications. These may be prepackaged, such as Percocet, which is a combination of Acetaminophen and oxycodone in predefined ratios, or prepared by a pharmacist, such as a GI cocktail.










In the case of the prepackaged combination, it is sufficient to supply the name of the combination drug product, and its strength designation in a single <substanceAdministration> entry. The dosing information should then be recorded as simply a count of administration units.

In the latter case of a prepared mixture, the description of the mixture should be provided as the product name (e.g., "GI Cocktail") , in the <substanceAdministration> entry. That entry may, but is not required, to have subordinate <substanceAdministration> entries included beneath it to record the components of the mixture.

- Split Dosing 1.3.6.1.4.1.19376.1.5.3.1.4.9

This template identifier is used to identify medication administration events that require special processing to handle split dosing. The parent template is 1.3.6.1.4.1.19376.1.5.3.1.4.7. A split dose is often used when different dosages are given at different times (e.g., at different times of day, or on different days). This may be to account for different metabolism rates at different times of day, or to simply address drug packaging deficiencies (e.g., and order for Coumadin 2mg on even days, 2.5mg on odd days is used because Coumadin does not come in a 2.25mg dose form).

In this case a subordinate <substanceAdministration> entry is required for each separate dosage

Context	Parent nodes of template element with id 1.3.6.1.4.1.12559.11.10.1.3.1.3.2			
Classification	CDA Entry Level Template			
Open/Closed	Open (other than defined elements are allowed)			
Used by / Uses	Used by 0 transactions and 2 templates, Uses 6 templates			
	Used by	as	Name	Version
	1.3.6.1.4.1.12559.11.10.1.3.1.2.1	Containment	 Section Prescription	2013-12-20
	1.3.6.1.4.1.12559.11.10.1.3.1.1.1		 epSOS-ePrescription	2013-12-20
	Uses	as	Name	Version
	1.3.6.1.4.1.12559.11.10.1.3.1.3.1	Containment	 epSOS CDA ManufacturedProduct	DYNAMIC
	2.16.840.1.113883.3.1937.777.11.10.103	Include	 epSOS CDA author prescriber	DYNAMIC
	2.16.840.1.113883.3.1937.777.11.10.134	Include	 CDA Participant (Body)	DYNAMIC
	1.3.6.1.4.1.12559.11.10.1.3.1.3.6	Containment	 CDA Number of Packages	DYNAMIC
	1.3.6.1.4.1.19376.1.5.3.1.4.3.1	Containment	 Entry Medication FulFillment Instructions	DYNAMIC
1.3.6.1.4.1.19376.1.5.3.1.4.3	Containment	 epSOS Patient Medication Instructions	DYNAMIC	
Relationship	Specialization: template 2.16.840.1.113883.10.12.308 (2005-09-07)			
Example	<p>Example</p> <pre><substanceAdministration classCode="SBADM" moodCode="INT"> <templateId root="2.16.840.1.113883.10.20.1.24"/> <templateId root="1.3.6.1.4.1.12559.11.10.1.3.1.3.2"/> <templateId root=""/></pre>			

```

<!-- Prescription Item ID -->

<id root="" extension=""/>
<code code="" codeSystem="" displayName="" codeSystemName=""/>
<!-- Reference to narrative text of prescription, e.g.

Pyrimon, Chloramphenicol/ Dexamethasone 1% w/v/ 0.1% w/v 5 ml Eye Drops - three drops -->

<text>

  <reference value="#med-1"/>
</text>
<statusCode code="active"/>
<effectiveTime xsi:type="IVL_TS">

  <low value=""/>
  <high value=""/>
</effectiveTime>
<effectiveTime operator="A" xsi:type="TS|PIVL_TS|EIVL_TS|SXPR_TS">

  <!-- ... -->

</effectiveTime>
<routeCode code="20051000" codeSystem="1.3.6.1.4.1.12559.11.10.1.3.1.44.1" displayName="Ocular use" codeSystemName="EDQM"/>
<doseQuantity value="3"/>
<!-- Optional -->

<approachSiteCode code="" codeSystem="" displayName="" codeSystemName=""/>
<rateQuantity value="" unit=""/>
<consumable>

  <!-- ... -->

</consumable>
<participant typeCode="AUT">

  <participantRole classCode="LIC">

    <id root=" " extension=" "/>
    <scopingEntity classCode="ORG">

      <id root=" " extension=" "/>
      <desc>...</desc>
    </scopingEntity>
  </participantRole>
</participant>
<author>

  <time/>
  <assignedAuthor>

```

```

<id/>
<assignedPerson>
  <name/>
</assignedPerson>
</assignedAuthor>
</author>
<!-- 0..* entries describing the components -->

<entryRelationship typeCode="COMP">
  <sequenceNumber value=""/>
</entryRelationship>
<!-- Optional instructions for Pharmacist -->

<entryRelationship typeCode="SUBJ">
  <!-- ... -->
</entryRelationship>
<!--Optional Substitution information -->

<entryRelationship typeCode="SUBJ">
  <!-- ... -->
</entryRelationship>
</substanceAdministration>

```

There are open issues with this item:



- epsos-issue-241: *inversionInd shall be true* (In Progress)
- epsos-issue-247: *Missing elements in epSOS CDA substanceAdministration template* (Open)

Item	DT	Card	Conf	Description	Label
h17:substanceAdministration			R		(epS...ion)
└ @classCode	cs	1 ... 1	F	SBADM	
└ @moodCode	cs	1 ... 1	F	INT	
└ h17:templateId	IIEPSOS	1 ... 1	M	CCD templateId	(epS...ion)

Item	DT	Card	Conf	Description	Label
└ @root	uid	1 ... 1	F	2.16.840.1.113883.10.20.1.24	
└ h17:templateId	IIEPSOS	1 ... 1	M	epSOS templateId	(epS... ion)
└ @root	uid	1 ... 1	F	1.3.6.1.4.1.12559.11.10.1.3.1.3.2	
└ h17:templateId	IIEPSOS	1 ... 1	R	IHE PCC templateId Note: The usage of statusCode values different from “completed” makes this specification not formally compliant with the current IHE PCC specification of the Medication Item Entry Content Module. All the requirements of conformance assertion with these IHE PCC templates cannot therefore be applied until the revision – if any - of the referenced IHE PCC templates.	(epS... ion)
└ @root	uid	1 ... 1	F	1.3.6.1.4.1.19376.1.5.3.1.4.7	
└ h17:templateId	IIEPSOS	0 ... 1	R	A "normal" act that may not contain any subordinate acts	(epS... ion)
└ @root	uid	1 ... 1	F	1.3.6.1.4.1.19376.1.5.3.1.4.7.1	
└ h17:templateId	IIEPSOS	0 ... 1	R	A act that records combination medication component information in subordinate acts.	(epS... ion)
└ @root	uid	1 ... 1	F	1.3.6.1.4.1.19376.1.5.3.1.4.11	
└ h17:templateId	IIEPSOS	0 ... 1	R	A act that records split dose information in subordinate acts.	(epS... ion)
└ @root	uid	1 ... 1	F	1.3.6.1.4.1.19376.1.5.3.1.4.9	
└ h17:id	IIEPSOS	1 ... 1	M	Prescription ID. The following must be true: - The prescription ID must be globally unique.	(epS... ion)


Item	DT	Card	Conf	Description	Label
				- The prescription ID can be used by the prescribing system or provider to identify the prescription to which it belongs. This provides the link from the dispensed medicine to the prescription.	
	Example	<code><id extension="23" root="1.2.246.556.12001.4.93.1.1"/></code>			
└ h17:code	CD.EPSOS	0 ... 1	R	<p>The <code><code></code> element is used to supply a code that describes the <code><substanceAdministration></code> act, not the medication being administered or prescribed. This may be a procedure code, such as those found in ICD-10, or may describe the method of medication administration, such as by intravenous injection. The type of medication is coded in the consumable; do not supply the code for the medication in this element. This element is optional.</p> <p>Note: One of the values from the Value Set <code>epSOSCodeNoMedication</code> shall be used in the <code><code></code> element to record that a patient is either not on medications, or that medications are not known.</p>	(epS...ion)
	CONF	<p>The value of <code>@code</code> shall be drawn from value set 2.16.840.1.113883.1.11.19708 <i>ActSubstanceAdministrationCode</i> (DYNAMIC) or</p> <p>The value of <code>@code</code> shall be drawn from value set 1.3.6.1.4.1.12559.11.10.1.3.1.42.22 <i>epSOSCodeNoMedication</i> (DYNAMIC)</p>			
└ h17:text	ED	0 ... 1	R		(epS...ion)
	Example	<code><text>...</text></code>			
└ h17:reference		0 ... 1	R	The URI given in the value attribute of the element points to an element in the narrative content that contains the complete text describing the medication. In a CDA document, the URI given in the value attribute of the element points to an element in the narrative content that contains the complete text describing the medication.	(epS...ion)
	Example	<code><reference value="#eP_as_text"/></code>			
└ h17:statusCode	CS	1 ... 1	M	<p>The status of all <code><substanceAdministration></code> elements must be either "active" or "completed" and track the progress of the Act in its <u>specified mood</u>.</p> <p>For example, <code>statusCode="completed"</code> when <code>moodCode</code> is "RQO" doesn't mean that the substance has been administrated, but that the request (e.g. the prescription) has been completed.</p>	(epS...ion)
	CONF	<p><code>@code</code> shall be "active"</p> <p>or</p> <p><code>@code</code> shall be "completed"</p>			

Item	DT	Card	Conf	Description	Label								
	Example	<code><statusCode code="active"/></code>											
└ h17:effectiveTime	IVL_TS	1 ... *	R	<p>The first <effectiveTime> element encodes the start and stop time of the medication regimen. This an interval of time (xsi:type='IVL_TS'), and must be specified as shown. This is an additional constraint placed upon CDA Release 2.0 by this profile, and simplifies the exchange of start/stop and frequency information between EMR systems.</p> <p>The <low> and <high> values of the first <effectiveTime> element represent the start and stop times for the medication. The <low> value represents the start time, and the <high> value represents the stop time. If either the <low> or the <high> value is unknown, this shall be recorded by setting the nullFlavor attribute to UNK.</p> <p>The <high> value records the end of the medication regime according to the information provided in the prescription or order. For example, if the prescription is for enough medication to last 30 days, then the high value should contain a date that is 30 days later then the <low> value. The rationale is that a provider, seeing an un-refilled prescription would normally assume that the medication is no longer being taken, even if the intent of the treatment plan is to continue the medication indefinitely.</p>	(epS... ion)								
	Example	<pre><effectiveTime xsi:type="IVL_TS"> <low value="20130321"/> <high value="20140321"/> </effectiveTime></pre>											
└ h17:effectiveTime		1 ... *	R	<p>The second <effectiveTime> element records the frequency of administration.</p> <p>This <effectiveTime> element must be intersected with the previous time specification (operator='A'), producing the bounded set containing only those time specifications that fall within the start and stop time of the medication regimen. Several common frequency expressions appear in the table below, along with their XML representations.</p> <p>This effectiveTime has a xsi:type of either TS, PIVL_TS, EIVL_TS, or SXPR_TS.</p> <table border="1"> <thead> <tr> <th>Frequency Description</th> <th>XML Representation</th> </tr> </thead> <tbody> <tr> <td>b.i.d. Twice a day</td> <td><code><effectiveTime xsi:type='PIVL_TS' institutionSpecified='true' operator='A'> <period value='12' unit='h' /></effectiveTime></code></td> </tr> <tr> <td>q12h Every 12 hours</td> <td><code><effectiveTime xsi:type='PIVL_TS' institutionSpecified='false' operator='A'> <period value='12' unit='h' /></effectiveTime></code></td> </tr> <tr> <td>Once Once, on 2005-09-01 at 1:18am.</td> <td><code><effectiveTime xsi:type='TS' value='200509010118'/></code></td> </tr> </tbody> </table>	Frequency Description	XML Representation	b.i.d. Twice a day	<code><effectiveTime xsi:type='PIVL_TS' institutionSpecified='true' operator='A'> <period value='12' unit='h' /></effectiveTime></code>	q12h Every 12 hours	<code><effectiveTime xsi:type='PIVL_TS' institutionSpecified='false' operator='A'> <period value='12' unit='h' /></effectiveTime></code>	Once Once, on 2005-09-01 at 1:18am.	<code><effectiveTime xsi:type='TS' value='200509010118'/></code>	(epS... ion)
Frequency Description	XML Representation												
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q12h Every 12 hours	<code><effectiveTime xsi:type='PIVL_TS' institutionSpecified='false' operator='A'> <period value='12' unit='h' /></effectiveTime></code>												
Once Once, on 2005-09-01 at 1:18am.	<code><effectiveTime xsi:type='TS' value='200509010118'/></code>												

Item	DT	Card	Conf	Description	Label
				<p>t.i.d. Three times a day, at times determined by the person administering the medication .</p> <pre><effectiveTime xsi:type='PIVL_TS' institutionSpecified='true' operator='A'> <period value='8' unit='h' /></effectiveTime></pre>	
				<p>q8h Every 8 hours</p> <pre><effectiveTime xsi:type='PIVL_TS' institutionSpecified='false' operator='A'> <period value='8' unit='h' /></effectiveTime></pre>	
				<p>qam In the morning</p> <pre><effectiveTime xsi:type='EIVL' operator='A'> <event code='ACM' /></effectiveTime></pre>	
				<p>Every day at 8 in the morning for 10 minutes</p> <pre><effectiveTime xsi:type='PIVL_TS' operator='A'> <phase> <low value='198701010800' inclusive='true' /> <width value='10' unit='min' /> </phase> <period value='1' unit='d' /></effectiveTime></pre>	
				<p>q4-6h Every 4 to 6 hours.</p> <pre><effectiveTime xsi:type='PIVL_TS' institutionSpecified='false' operator='A'> <period xsi:type='PPD_PQ' value='5' unit='h'> <standardDeviation value='1' unit='h' /> </period></effectiveTime></pre>	
				<p>The mean (average) of the low and high values is specified for the period. The mean of 4 and 6 is 5. The standard deviation is recorded as one half the differences between the high and low values, with an unspecified distribution. The type attribute of the <effectiveTime> element describes the kind of frequency specification it contains. More detail is given for each type in the table below.</p>	
				<p>xsi:type Description</p>	
				<p>TS An xsi:type of TS represents a single point in time, and is the simplest of all to represent. The value attribute of the <effectiveTime> element specifies the point in time in HL7 date-time format (CCYYMMDDHHMMSS)</p>	
				<p>PIVL_TS An xsi:type of PIVL_TS is the most commonly used, representing a periodic interval of time. The <low> element of <phase> may be present. If so it specifies the starting point, and only the lower order components of this value are relevant with respect to the <period>. The <width> element represents the duration of the dose administration (e.g., for IV administration). The <period> indicates how often the dose is given. Legal values for the unit attribute of <period> are s, min, h, d, wk and mo representing seconds, minutes, hours, days, weeks, and months respectively.</p>	
				<p>EIVL_TS An xsi:type of EIVL_TS represents an event based time interval, where the event is not a precise time, but is often used for timing purposes (e.g. with meals, between meals, before breakfast, before sleep). Refer to the HL7 TimingEvent vocabulary for the codes to use for the <event> element. This interval may specify an <offset> which provides information about the time offset from the specified event (e.g., <offset><low value='-1'</p>	

Item	DT	Card	Conf	Description	Label
				<p>unit='h'/><width value='10' unit='min'/></offset> means 1 hour before the event. In that same example, the <width> element indicates the duration for the dose to be given.</p> <p>An xsi:type of SXPR_TS represents a parenthetical set of time expressions. This type is used when the frequency varies over time (e.g., for some cases of tapered dosing, or to handle SXPR_TS split dosing). The <comp> elements of this <effectiveTime> element are themselves time expressions (using any of the types listed above). Each <comp> element may specify an operator (e.g. to intersect or form the union of two sets).</p>	
└ h17:routeCode	CE.EPSOS	0 ... 1	R	The element specifies the route of administration using the EDQM route of administration vocabulary. A code must be specified if the route is known, and the displayName attribute should be specified. If the route is unknown, this element shall not be sent.	(epS... ion)
	CONF	The value of @code shall be drawn from value set 1.3.6.1.4.1.12559.11.10.1.3.1.42.12 <i>epSOSRouteofAdministration</i> (DYNAMIC)			
└ h17:doseQuantity	IVL_PQ	0 ... 1	R	<p>The dose is specified in the <doseQuantity> element. If a dose range is given (e.g., 1-2 tablets, or 325-750mg), then the <low> and <high> bounds are specified in their respective elements, otherwise both <low> and <high> have the same value. If the dose is in countable units (tablets, caplets, "eaches"), then the unit should be valorized = '1' The unit attribute – when expresses measureable units - shall be derived from the Value Sets epSOSUnits, 1.3.6.1.4.1.12559.11.10.1.3.1.42.16 based on the UCUM code system. The countable units attribute shall be derived from the value set epSOSDoseForm, OID 1.3.6.1.4.1.12559.11.10.1.3.1.42.2.</p> <p>Any <low> and <high> elements used for <doseQuantity> should contain a <translation> element that provides a <reference> to the <originalText> found in the narrative body of the document.</p>	(epS... ion)
└ @unit	cs	1 ... 1	R		
	CONF	The value of @unit shall be drawn from value set 1.3.6.1.4.1.12559.11.10.1.3.1.42.16 <i>epSOSUnits</i> (DYNAMIC)			
	Example	<doseQuantity nullFlavor="UNK">...</doseQuantity>			
└ h17:rateQuantity	IVL_PQ	0 ... 1	R	<p>The rate is specified in the <rateQuantity> element. The rate is given in units that have measure over time. In this case, the units should be specified as a string made up of a unit of measure (see doseQuantity above), followed by a slash (/), followed by a time unit (s, min, h or d).</p> <p>Again, if a range is given, then the <low> and <high> elements contain the lower and upper bound of the range, otherwise, they contain the same value.</p>	(epS... ion)

Item	DT	Card	Conf	Description	Label
				Any <low> and <high> elements used for <rateQuantity> should contain a <translation> element that provides a <reference> to the <originalText> found in the narrative body of the document.	
└ h17:consumable		1 ... 1	R	Contains 1.3.6.1.4.1.12559.11.10.1.3.1.3.1 epSOS CDA ManufacturedProduct (DYNAMIC)	(epS... ion)
where [hl7:manufacturedProduct [hl7:templateId [@root = '1.3.6.1.4.1.12559.11.10.1.3.1.3.1']]]					
└ @typeCode	cs	1 ... 1	F	CSM from 2.16.840.1.113883.3.1937.777.11.10.103 epSOS CDA author prescriber (DYNAMIC)	
Included		0 ... *	R	In the unlikely case where the prescriber of a prescription item is different from the author of the prescription, the prescription item prescriber shall be represented by the element of the entry. When the Prescription Item Entry is part of a Dispensed Medicine Entry as a Related Prescription Item (see subsection 12.1.3.4.8), the author element shall be present, and shall contain the prescription item author (or author of the prescription if the prescription item has no separate author). See the 2.4.3.3 Prescriber description for the structure of the element.	
└ h17:author		0 ... *	R		(epS... ion)
└ @typeCode	cs	0 ... 1	F	AUT	
└ @contextControlCode	cs	0 ... 1	F	OP	
└ h17:functionCode	CE.EPSOS	1 ... 1	M		R1.10.6
	CONF			The value of @code shall be drawn from value set 1.3.6.1.4.1.12559.11.10.1.3.1.42.1 epSOSHealthcareProfessionalRoles (DYNAMIC)	
└ h17:time	TS.EPSOS.TZ	1 ... 1	R	The author/time element represents the start time of the author's participation in the creation of the clinical document. The author/time element SHALL be present.	(epS... ion)
└ h17:assignedAuthor		1 ... 1	R		(epS... ion)

Item	DT	Card	Conf	Description	Label
└ @classCode	cs	0 ... 1	F	ASSIGNED	
	Schematron assert	role		error	
		test		@nullFlavor or hl7:assignedPerson or hl7:assignedAuthoringDevice	
		Message		If assignedAuthor has an associated representedOrganization with no assignedPerson or assignedAuthoringDevice, then the value for "ClinicalDocument/author/assignedAuthor/id/@NullFlavor" SHALL be "NA" "Not applicable" 2.16.840.1.113883.5.1008 NullFlavor STATIC.	
└ hl7:id	I1.EPSOS	1 ... *	R	HP ID number	R1.10.5
└ @nullFlavor	cs	0 ... 1	F	NA	
└ hl7:code	CE.EPSOS	0 ... 1	R	HP Specialty	R1.10.7
└ hl7:addr	AD.EPSOS	1 ... *	R		IHE PC
└ hl7:telecom	TELE.EPSOS	1 ... *	R	Attribute @value SHALL contain a URI if element telecom is used. The URI scheme SHALL be one of URLScheme	IHE PC / R1.10.5 / R1.10.8 / R1.10.8
└ @use	set_cs	0 ... 1			
	CONF			The value of @use shall be drawn from value set 1.3.6.1.4.1.12559.11.10.1.3.1.42.40 epSOSTelecomAddress (DYNAMIC)	
└ hl7:assignedPerson		1 ... 1	M		(epS... ion)
└ @classCode	cs	0 ... 1	F	PSN	
└ @determinerCode	cs	0 ... 1	F	INSTANCE	

Item	DT	Card	Conf	Description	Label
└ h17:name	PN	1 ... 1	R	HP Name	IHE PC
	Example	<pre><name> <given>John</given> <family>Español Smith</family> </name></pre>			
└ h17:family		1 ... *	R	HP Family Name/Surname	R1.10.1
└ h17:given		1 ... *	R	HP Given Name	R1.10.2
└ h17:prefix		0 ... *	R	HP Prefix	R1.10.3
└ h17:suffix		0 ... *	R	HP Suffix	R1.10.4
└ h17:representedOrganization		1 ... 1	R	Contains 2.16.840.1.113883.3.1937.777.11.10.111 <i>epSOS CDA Organization</i> (DYNAMIC) from 2.16.840.1.113883.3.1937.777.11.10.134 <i>CDA Participant (Body)</i> (DYNAMIC) The organization which provided the credentialing for the prescriber needs to be expressed via a <participant> structure, which is in addition to the <author> element specified earlier. The type code of the <participant> element shall be "AUT", and the class code of the <participantRole> element shall be "LIC".	R1.10.9
Included		0 ... *	R	The ID of the participation role is optional, and when present it shall be the prescriber ID as specified in the <author> structure at the section or entry level. The credentialing organization (College) is represented by the <scopingEntity> element with a class code of "ORG". The name is represented by the <desc> element, and the credentialing organization (College) ID is represented by the <id> element of the scoping entity	





Item	DT	Card	Conf	Description	Label
└ h17:participant		0 ... *	R		(epS... ion)
└ @typeCode	cs	1 ... 1	R		
	CONF			The value of @typeCode shall be drawn from value set 2.16.840.1.113883.1.11.10901 <i>ParticipationType</i> (DYNAMIC)	
└ @contextControlCode		1 ... 1	F	OP	
└ h17:time	IVL_TS	0 ... 1	R		(epS... ion)
└ h17:awarenessCode	CE.EPSOS	0 ... 1	R		(epS... ion)
	CONF			The value of @code shall be drawn from value set 2.16.840.1.113883.1.11.10310 <i>TargetAwareness</i> (DYNAMIC)	
└ h17:participantRole		1 ... 1	R		(epS... ion)
└ @classCode		0 ... 1	F	ROL	
└ h17:id	I.EPSOS	0 ... *	R		(epS... ion)
└ h17:code	CE.EPSOS	0 ... 1	R		(epS... ion)
└ @codeSystem	CONF	0 ... 1	F	2.16.840.1.113883.5.111 (RoleCode)	
└ h17:addr	AD	0 ... *	R		(epS... ion)
└ h17:telecom	TEL	0 ... *	R		(epS... ion)

Item	DT	Card	Conf	Description	Label
Choice		0 ... 1		Elements to choose from: <ul style="list-style-type: none"> hl7:playingDevice containing template 2.16.840.1.113883.3.1937.777.11.10.129 <i>CDA Device</i> (DYNAMIC) hl7:playingEntity containing template 2.16.840.1.113883.3.1937.777.11.10.128 <i>CDA PlayingEntity</i> (DYNAMIC) 	
└ hl7:playingDevice			R	Contains 2.16.840.1.113883.3.1937.777.11.10.129 <i>CDA Device</i> (DYNAMIC)	(epS...ion)
└ hl7:playingEntity			R	Contains 2.16.840.1.113883.3.1937.777.11.10.128 <i>CDA PlayingEntity</i> (DYNAMIC)	(epS...ion)
└ hl7:scopingEntity		0 ... 1	R		(epS...ion)
└ @classCode		0 ... 1	F	ENT	
└ @determinerCode		0 ... 1	F	INSTANCE	
└ hl7:id	I.LEPSOS	0 ... *	R		(epS...ion)
└ hl7:code	CE.EPSOS	0 ... 1	R		(epS...ion)
	CONF	The value of @code shall be drawn from value set 2.16.840.1.113883.1.11.16040 <i>EntityCode</i> (DYNAMIC)			
└ hl7:desc	ED	0 ... 1	R		(epS...ion)
└ hl7:entryRelationship		1 ... 1	R	Contains 1.3.6.1.4.1.12559.11.10.1.3.1.3.6 <i>CDA Number of Packages</i> (DYNAMIC)	(epS...ion)
where [@typeCode = 'COMP'] [hl7:supply [@classCode = 'SPLY'] [@moodCode = 'RQO']]					
└ @typeCode	cs	1 ... 1	F	COMP	

Item	DT	Card	Conf	Description	Label
└ h17:entryRelationship		0 ... *	R	An entry relationship may be present to provide the fulfillment instructions. When present, this entry relationship shall contain a Medication Fulfillment Instructions entry content module. Again, a related statement is made about the medication or immunization. In CDA, this observation is recorded inside an <entryRelationship> element occurring at the end of the substance administration or supply entry. The containing <act> is the subject (typeCode='SUBJ') of this new observation, which is the inverse of the normal containment structure, thus inversionInd='true'. Contains 1.3.6.1.4.1.19376.1.5.3.1.4.3.1 <i>Entry Medication FulFillment Instructions</i> (DYNAMIC)	(epS...ion)
where [hl7:act [hl7:templateId [@root = '2.16.840.1.113883.10.20.1.43']] and hl7:templateId [@root = '1.3.6.1.4.1.19376.1.5.3.1.4.3.1']]					
└ @typeCode	cs	1 ... 1	F	SUBJ	
└ @inversionInd	bl	1 ... 1	F	true	
└ h17:entryRelationship		0 ... 1	R	An entry relationship may be present to provide the substitution instructions. When present, this entry relationship SHALL contain one and only one observation. This observation SHALL have : <ul style="list-style-type: none"> the code element valorized with @code=?SUBST' and @codeSystem='2.16.840.1.113883.5.6' the value element valorized with one of the value of the epSOSSubstitutionCode Value Set (Vaue Set OID 1.3.6.1.4.1.12559.11.10.1.3.1.42.7). Nullflavor is not allowed. NOTE: Within the epSOS-I scope the “N” code shall be interpreted as No substitution allowed excepting for the Package Size. The presence of any other code that is not “N”, or the absence of the substitution instructions, means that also the brand name (as well as the Package Size) can be changed.	(epS...ion)
└ @typeCode	cs	1 ... 1	F	SUBJ	

Item	DT	Card	Conf	Description	Label	
└ h17:observation					(epS... ion)	
└ @classCode	cs	0 ... 1	F	OBS		
└ @moodCode	cs	0 ... 1	F	EVN		
└ h17:code		1 ... 1	M		(epS... ion)	
└ @code	CONF	1 ... 1	F	SUBST		
└ @codeSystem		1 ... 1	F	2.16.840.1.113883.5.6		
└ h17:value		1 ... 1	M		(epS... ion)	
	CONF	The value of @code shall be drawn from value set 1.3.6.1.4.1.12559.11.10.1.3.1.42.7 <i>epSOSSubstitutionCode</i> (DYNAMIC)				
└ h17:entryRelationship		0 ... *	R	An entry relationship may be present to provide the patient medication instructions. When present, this entry relationship shall contain a Patient Medications Instructions entry content module. Again, a related statement is made about the medication or immunization. In CDA, this observation is recorded inside an <entryRelationship> element occurring at the end of the substance administration or supply entry. The containing <act> is the subject (typeCode='SUBJ') of this new observation, which is the inverse of the normal containment structure, thus inversionInd='true'. Contains 1.3.6.1.4.1.19376.1.5.3.1.4.3 <i>epSOS Patient Medication Instructions</i> (DYNAMIC)	(epS... ion)	
where [hl7:act [hl7:templateId [@root = '2.16.840.1.113883.10.20.1.49'] and hl7:templateId [@root = '1.3.6.1.4.1.19376.1.5.3.1.4.3']]]						
└ @typeCode	cs	1 ... 1	F	SUBJ		
└ @inversionInd	bl	1 ... 1	F	true		

7.2.55 epSOS CDA Supply 1.3.6.1.4.1.12559.11.10.1.3.1.3.3 - 2013-12-20

Id	1.3.6.1.4.1.12559.11.10.1.3.1.3.3	Effective Date	2013-12-20
Status	 Active	Version Label	
Name	epSOSCDASupply	Display Name	epSOS CDA Supply
Description	Dispensed Medicine Entry Content Module		
Context	Parent nodes of template element with id 1.3.6.1.4.1.12559.11.10.1.3.1.3.3		
Classification	CDA Entry Level Template		
Open/Closed	Open (other than defined elements are allowed)		
Used by / Uses	Used by 0 transactions and 2 templates, Uses 4 templates		
	Used by	as	Name
	1.3.6.1.4.1.12559.11.10.1.3.1.2.2	Containment	 Section Dispensation
	1.3.6.1.4.1.12559.11.10.1.3.1.1.2		 epSOS-eDispensation
	Uses	as	Name
	1.3.6.1.4.1.12559.11.10.1.3.1.3.1	Containment	 epSOS CDA ManufacturedProduct
2.16.840.1.113883.3.1937.777.11.10.136	Containment	 CDA Performer (Body)	
2.16.840.1.113883.3.1937.777.11.10.134	Containment	 CDA Participant (Body)	
2.16.840.1.113883.3.1937.777.11.10.144	Containment	 epSOS Related Prescription Item	
Relationship	Specialization: template 2.16.840.1.113883.10.20.1.8 (DYNAMIC)		
Example	<p>Example</p> <pre><supply classCode="SPLY" moodCode="EVN"> <templateId root="2.16.840.1.113883.10.20.1.34"/> <templateId root="1.3.6.1.4.1.19376.1.5.3.1.4.7.3"/> <templateId root="1.3.6.1.4.1.12559.11.10.1.3.1.3.3"/> <id root="" extension=""/> <quantity value="" unit=""/> <product> <!-- ... --> </product> </supply></pre>		

```

</product>
<performer typeCode="PRF">

  <time value=""/>
  <assignedEntity>

    <id root="" extension=""/>
    <addr/>
    <telecom use="" value=""/>
    <assignedPerson>

      <name/>
    </assignedPerson>
    <representedOrganization>

      <name/>
    </representedOrganization>
  </assignedEntity>
</performer>
<!-- related prescription -->

<entryRelationship typeCode="REFR">

  <substanceAdministration classCode="SBADM" moodCode="INT">

    <!-- ... -->

  </substanceAdministration>
</entryRelationship>
<!-- Optional Substitution Act -->

<entryRelationship typeCode="COMP">

  <act classCode="ACT" moodCode="EVN">

    <!-- ... -->

  </act>
</entryRelationship>
<entryRelationship typeCode="COMP">

  <substanceAdministration classCode="SBADM" moodCode="INT">

    <doseQuantity/>
  </substanceAdministration>
</entryRelationship>
<!-- Optional Patient instructions -->

<entryRelationship typeCode="SUBJ">

  <!-- ... -->

```

```
</entryRelationship>
</supply>
```



There is an open issue with this item:

- epsos-issue-231: *participant: duplication of levels* (Open)

Item	DT	Card	Conf	Description	Label
h17:supply		1 ... 1	R	The element shall be present. The moodCode attribute shall be INT to reflect that a medication has been prescribed, or EVN to indicate that the prescription has been filled.	(epS ... ply)
└ @classCode	cs	1 ... 1	F	SPLY	
└ @moodCode	cs	1 ... 1	F	EVN	
	CONF			The value of @moodCode shall be drawn from value set 2.16.840.1.113883.1.11.19461 x_DocumentSubstanceMood (DYNAMIC)	
└ h17:templateId	II.EPSOS	1 ... 1	M		(epS ... ply)
└ @root	uid	1 ... 1	F	2.16.840.1.113883.10.20.1.34	
└ h17:templateId	II.EPSOS	1 ... 1	M		(epS ... ply)
└ @root	uid	1 ... 1	F	1.3.6.1.4.1.19376.1.5.3.1.4.7.3	
└ h17:templateId	II.EPSOS	1 ... 1	M		(epS ... ply)
└ @root	uid	1 ... 1	F	1.3.6.1.4.1.12559.11.10.1.3.1.3.3	
└ h17:id	II.EPSOS	1 ... 1	M	Each supply act shall have an identifier to uniquely identify the dispensation of this	(epS


Item	DT	Card	Conf	Description	Label																					
				particular medication.	... ply)																					
└ h17:quantity	PQ	1 ... 1	M	The supply entry should indicate the quantity supplied (such as tablets or containers). The value attribute shall be present and indicates the quantity of medication supplied. If the medication is supplied in dosing units (tablets or capsules), then the unit attribute need not be present (and should be set to 1 if present). Otherwise, the unit element shall be present to indicate the quantity (e.g., volume or mass) of medication supplied.	(epS ... ply)																					
└ h17:product		1 ... 1	R	Product The <product> element shall be present, and shall contain a <manufacturedProduct> entry, conforming to the Medicine Entry template. This is the actual medication dispensed, and may include packaging information. Contains 1.3.6.1.4.1.12559.11.10.1.3.1.3.1 epSOS CDA ManufacturedProduct (DYNAMIC)	(epS ... ply)																					
where [hl7:manufacturedProduct [hl7:templateId [@root = '1.3.6.1.4.1.12559.11.10.1.3.1.3.1']]]																										
└ @typeCode	cs	0 ... 1	F	PRD																						
└ h17:performer		1 ... 1	R	Dispenser The <performer> element shall be present to indicate who actually filled (moodCode='EVN') the prescription. The dispenser is described within the specific entry structure of the prescription under the /ClinicalDocument/component/structuredBody/component/section/entry/supply/performer XML element. <table border="0" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 30%;">Data element</td> <td style="width: 15%;">HL7 V3 Data Type</td> <td style="width: 50%;">CDA Header position (relative XPath expression)</td> </tr> <tr> <td>Dispensation Time</td> <td>TS</td> <td>performer/time</td> </tr> <tr> <td>Dispenser Name</td> <td>PN</td> <td>performer/assignedEntity/assignedPerson/name</td> </tr> <tr> <td>Dispenser identifier</td> <td>II</td> <td>performer/assignedEntity/id</td> </tr> <tr> <td>Pharmacy Organization Identifier</td> <td>II</td> <td>performer/assignedEntity/representedOrganization/id</td> </tr> <tr> <td>Pharmacy Organization Name</td> <td>ON</td> <td>performer/assignedEntity/representedOrganization/name</td> </tr> <tr> <td>Pharmacy Organization</td> <td>AD</td> <td>performer/assignedEntity/</td> </tr> </table>	Data element	HL7 V3 Data Type	CDA Header position (relative XPath expression)	Dispensation Time	TS	performer/time	Dispenser Name	PN	performer/assignedEntity/assignedPerson/name	Dispenser identifier	II	performer/assignedEntity/id	Pharmacy Organization Identifier	II	performer/assignedEntity/representedOrganization/id	Pharmacy Organization Name	ON	performer/assignedEntity/representedOrganization/name	Pharmacy Organization	AD	performer/assignedEntity/	(epS ... ply)
Data element	HL7 V3 Data Type	CDA Header position (relative XPath expression)																								
Dispensation Time	TS	performer/time																								
Dispenser Name	PN	performer/assignedEntity/assignedPerson/name																								
Dispenser identifier	II	performer/assignedEntity/id																								
Pharmacy Organization Identifier	II	performer/assignedEntity/representedOrganization/id																								
Pharmacy Organization Name	ON	performer/assignedEntity/representedOrganization/name																								
Pharmacy Organization	AD	performer/assignedEntity/																								

Item	DT	Card	Conf	Description	Label
				Address representedOrganization/addr Contains 2.16.840.1.113883.3.1937.777.11.10.136 <i>CDA Performer (Body)</i> (DYNAMIC)	
where [hl7:assignedEntity]					
└ h17:participant		0 ... * R		<p>Dispenser Credentialing Organization</p> <p>The organization which provided the credentialing for the dispenser needs to be expressed via a <participant> structure, which is in addition to the <performer> element specified earlier. The type code of the <participant> element shall be "PRF", and the class code of the <participantRole> element shall be "LIC".</p> <p>The ID of the participation role is optional, and when present it shall be the dispenser ID as specified in the <performer> structure.</p> <p>The credentialing organization (College) is represented by the <scopingEntity> element with a class code of "ORG". The name is represented by the <desc> element, and the credentialing organization (College) ID is represented by the <id> element of the scoping entity</p> <p>Contains 2.16.840.1.113883.3.1937.777.11.10.134 <i>CDA Participant (Body)</i> (DYNAMIC)</p>	(epS ... ply)
where [hl7:participant [@contextControlCode = 'OP'] [@typeCode]]					
	Example	<pre> <participant typeCode="PRF"> <participantRole classCode="LIC"> <id root=" " extension=" "/> <scopingEntity classCode="ORG"> <id root=" " extension=" "/> <desc>Name</desc> </scopingEntity> </participantRole> </pre>			

Item	DT	Card	Conf	Description	Label
				</participant>	
└ h17:entryRelationship		1 ... 1	M	<p>Related Prescription</p> <p>The related prescription item is represented via an entry relationship of type code "REFR", and containing a prescription entry as described in section 12.1.2.4. The prescription item ID is required within the Dispensed Medication Entry.</p> <p>Contains 2.16.840.1.113883.3.1937.777.11.10.144 epSOS Related Prescription Item (DYNAMIC)</p>	(epS ... ply)
where [not(@nullFlavor)] [h17:substanceAdministration [@classCode = 'SBADM'] [@moodCode = 'INT']]					
	Example			<pre><entryRelationship typeCode="REFR"> <substanceAdministration classCode="SBADM" moodCode="INT"> <!-- ... --> </substanceAdministration> </entryRelationship></pre>	
└ h17:entryRelationship		0 ... 1	R	<p>Substitution</p> <p>An entry relationship may be present to inform that a substitution occurred. When present, this entry relationship SHALL contain one and only one act.</p> <p>This act SHALL have the code element valorized with @code='SUBST' and @codeSystem='2.16.840.1.113883.5.6'</p>	(epS ... ply)
└ @typeCode	cs	1 ... 1	F	COMP	
└ h17:act		1 ... 1	R		(epS ... ply)

Item	DT	Card	Conf	Description	Label
└ @classCode	cs	1 ... 1	F	ACT	
└ @moodCode	cs	1 ... 1	F	EVN	
└ h17:code		1 ... 1	R		(epS ... ply)
└ @code	CONF	0 ... 1	F	SUBST	
└ @codeSystem		0 ... 1	F	2.16.840.1.113883.5.6	

7.2.56 epSOS CDA author 2.16.840.1.113883.3.1937.777.11.10.102 - 2013-12-20

Id	2.16.840.1.113883.3.1937.777.11.10.102	Effective Date	2013-12-20
Status	 Active	Version Label	
Name	epSOS CDA author	Display Name	epSOS CDA author
Description			
<p>A CDA document shall have at least one author. Authors could be either human (ClinicalDocument/author/assignedAuthor/assignedPerson) either devices (ClinicalDocument/author/assignedAuthor/assignedAuthoringDevice).</p> <p>For definition “The <code>author</code> element represents the creator of the clinical document. If the role of the actor is the entry of information from his or her own knowledge or application of skills, that actor is the author. If one actor provides information to another actor who filters, reasons, or algorithmically creates new information, then that second actor is also an author, <u>having created information from his or her own knowledge or skills</u>.” [From Implementation Guide for CDA Release 2: Imaging Integration – UV Realm, March 2009].</p> <p>According to this definition, not any device that generates the electronic document has to be considered as an author:</p> <ul style="list-style-type: none"> ▪ a spider collecting and filtering information from different repositories, according to defined rules and policies, for the scope of creating a Patient Summary is definitely a document author (and maybe the only one for this document); ▪ an application that transforms a prescription record into a epSOS eP CDA may not be an author instead; 			

- The NCP that modifies the concepts conveyed, should appear as one of the authors.
- The author of the parent document is often also an author of the document generated through a transformation process (in that case also the author time should be the same).

Further to this, is therefore possible to determine the Nature of Patient Summary as follows [Excluding the NCPs as authors]:

- if there is a person author only, there the Patient Summary is the result of a practitioner clinical act;
- if there is a device author only, the summary was automatically generated according to well defined rules defined by the responsible organization;
- if there are both a person and a device as authors, the summary was created via a mixed approach.

The CDA provides a mechanism to better specify who authored what within the document, allowing the specification of authorship at the whole document level, at the section level and finally at the entry level. In any case is not required to repeat this information for each level, taking advantage of the context conduction propriety. Infact “context that is specified on an outer tag holds true for all nested tags, unless overridden on a nested tag. Context specified on a tag within the CDA body always overrides context propagated from an outer tag. For instance, the specification of authorship at a document section level overrides all authorship propagated from outer tags.” (HL7 CDA R2 Standard).

/ClinicalDocument/author/assignedAuthor





/ClinicalDocument/documentationOf/serviceEvent/performer (this applies to the prescriber and the dispenser).















The template ID referenced here refers to HP information in the /ClinicalDocument/documentationOf/serviceEvent/performer structure. In this document, the same requiements apply to the person author of the document (if there is one), and to the prescrober and dispenser (see body).

When there is no HP but we have the method of assembly of data by a device, such as the “spider” method, we have the following expression; ClinicalDocument/author/assignedAuthor/assignedAuthoringDevice.

When the data is collected from different sources & pre-existing documents that are part of a bigger system. In that case the organization responsible of that collection “signed” the PS as responsible.

ClinicalDocument/author/assignedAuthor/representedOrganization








Classification	CDA Header Level Template		
Open/Closed	Open (other than defined elements are allowed)		
Associated with	Associated with 9 concepts		
	Id	Name	Data Set
	epsos-dataelement-19	 Author Full Name	 epSOS Data Set
	epsos-dataelement-21	 Family Name/Surname	 epSOS Data Set

epsos-dataelement-273	 Prefix	 epSOS Data Set
epsos-dataelement-274	 Suffix	 epSOS Data Set
epsos-dataelement-23	 Author Healthcare Facility	 epSOS Data Set
epsos-dataelement-67	 Author	 epSOS Data Set
epsos-dataelement-22	 Author Identification	 epSOS Data Set
epsos-dataelement-20	 Given Name	 epSOS Data Set
epsos-dataelement-180	 Author Role	 epSOS Data Set

Used by 0 transactions and 15 templates, Uses 2 templates










Used by / Uses

Used by	as	Name	Version
1.3.6.1.4.1.12559.11.10.1.3.1.1.2	Include	 epSOS-eDispensation	2013-12-20
1.3.6.1.4.1.12559.11.10.1.3.1.1.3	Include	 epSOS-Patient Summary	2013-12-20
1.3.6.1.4.1.12559.11.10.1.3.1.1.4	Include	 epSOS-Health Care Encounter Report	2013-12-20
1.3.6.1.4.1.12559.11.10.1.3.1.1.5	Include	 epSOS-Medication Related Overview	2013-12-20
1.3.6.1.4.1.12559.11.10.1.3.1.1.7	Include	 eHDSI-Patient Summary PDF embedded	2017-03-11 18:41:31
1.3.6.1.4.1.19376.1.5.3.1.4.2	Include	 Comment	2013-12-20
1.3.6.1.4.1.19376.1.5.3.1.4.12		 Immunizations	2013-12-20
1.3.6.1.4.1.19376.1.5.3.1.3.23		 Section Immunizations	2013-12-20
1.3.6.1.4.1.19376.1.5.3.1.4.5		 Problem	2013-12-20
1.3.6.1.4.1.19376.1.5.3.1.4.5.2		 Problem Concern	2013-12-20
1.3.6.1.4.1.19376.1.5.3.1.3.6		 Section Active Problems	2013-12-20
1.3.6.1.4.1.19376.1.5.3.1.3.8		 Section History of Past Illness	2013-12-20
1.3.6.1.4.1.19376.1.5.3.1.4.6		 Allergies And Intolerances	2013-12-20

	1.3.6.1.4.1.19376.1.5.3.1.4.5.3		 Allergy and Intolerance Concern	2013-12-20
	1.3.6.1.4.1.19376.1.5.3.1.3.13		 Section Allergies and Other Adverse Reactions	2013-12-20
	Uses	as	Name	Version
	2.16.840.1.113883.3.1937.777.11.10.129	Containment	 CDA Device	DYNAMIC
	2.16.840.1.113883.3.1937.777.11.10.111	Containment	 epSOS CDA Organization	DYNAMIC
Relationship	Specialization: template 2.16.840.1.113883.10.12.102 (2005-09-07)			
Example	<p>Example</p> <pre> <author> <time value="20121229"/> <assignedAuthor> <id root="2.16.840.1.113883.2.9.4.3.2" extension="RSSMRA00A01F205F" assigningAuthorityName="Ministero Economia e Finanze"/> <addr> <streetAddressLine>Viale della Cristallina 3</streetAddressLine> <city>Bologna</city> <state>BO</state> <postalCode>40121</postalCode> <country>IT</country> </addr> <telecom use="WP" value="tel:(+39)051-34343434"/> <assignedPerson> <name> <given>Paolo</given> <family>Rossi</family> </name> </assignedPerson> </assignedAuthor> </author> </pre>			
	<p>There are open issues with this item:</p> <ul style="list-style-type: none">  epsos-issue-156: <i>Assert not aligned with the error message</i> (Open) epsos-issue-277: <i>Restrict the nullFlavor value for Telecom element in author to "NI"</i> (Open) 			


Item	DT	Card	Conf	Description	Label
h17:author		1 ... *	R		(epS...hor)
 epsos-dataelement-67  Author  epSOS Data Set					
└ @typeCode	cs	0 ... 1	F	AUT	
└ @contextControlCode	cs	0 ... 1	F	OP	
└ h17:functionCode	CE.EPSOS	0 ... 1	R		R1.10.6
 epsos-dataelement-180  Author Role  epSOS Data Set					
		CONF	The value of @code shall be drawn from value set 1.3.6.1.4.1.12559.11.10.1.3.1.42.1 <i>epSOSHealthcareProfessionalRoles</i> (DYNAMIC)		
└ h17:time	TS.EPSOS.TZ	1 ... 1	R	The author/time element represents the start time of the author's participation in the creation of the clinical document. The author/time element SHALL be present.	(epS...hor)
└ h17:assignedAuthor		1 ... 1	R		(epS...hor)
└ @classCode	cs	0 ... 1	F	ASSIGNED	
		role	 error		
		test	@nullFlavor or h17:assignedPerson or h17:assignedAuthoringDevice		
		Message	If assignedAuthor has an associated representedOrganization with no assignedPerson or assignedAuthoringDevice, then the value for "ClinicalDocument/author/assignedAuthor/id/@nullFlavor" SHALL be "NA" "Not applicable" 2.16.840.1.113883.5.1008 NullFlavor STATIC.		
└ h17:id	II.EPSOS	1 ... *	R	HP ID number	R1.10.5
 epsos-dataelement-22  Author Identification  epSOS Data Set					

Item	DT	Card	Conf	Description	Label
└ @nullFlavor	cs	0 .. 1	F	NA	
└ h17:code	CE.EPSOS	0 .. 1	R	HP Specialty	R1.10.7
└ h17:addr	AD.EPSOS	1 .. *	R		IHE PCC
└ h17:telecom	TELE.EPSOS	1 .. *	R	Attribute @value SHALL contain a URI if element telecom is used. The URI scheme SHALL be one of URLScheme	IHE PCC / R1.10.8 / R1.10.8.1 / R1.10.8.2
└ @use	set_cs	0 .. 1			
	CONF			The value of @use shall be drawn from value set 1.3.6.1.4.1.12559.11.10.1.3.1.42.40 epSOSTelecomAddress (DYNAMIC)	
Choice		0 .. 1		Elements to choose from: <ul style="list-style-type: none"> h17:assignedPerson h17:assignedAuthoringDevice containing template 2.16.840.1.113883.3.1937.777.11.10.129 CDA Device (DYNAMIC) 	
└ h17:assignedPerson			R		(epS... hor)
└ @classCode	cs	0 .. 1	F	PSN	
└ @determinerCode	cs	0 .. 1	F	INSTANCE	
└ h17:name	PN	1 .. 1	R	HP Name	IHE PCC
 epsos-dataelement-19  Author Full Name  epSOS Data Set					

Item	DT	Card	Conf	Description	Label	
	Example	<pre><name> <given>John</given> <family>Español Smith</family> </name></pre>				
└ h17:family		1 ... *	M	HP Family Name/Surname	R1.10.1	
	 epsos-dataelement-21			 Family Name/Surname	 epSOS Data Set	
└ h17:given		1 ... *	M	HP Given Name	R1.10.2	
	 epsos-dataelement-20			 Given Name	 epSOS Data Set	
└ h17:prefix		0 ... *	R	HP Prefix	R1.10.3	
	 epsos-dataelement-273			 Prefix	 epSOS Data Set	
└ h17:suffix		0 ... *	R	HP Suffix	R1.10.4	
	 epsos-dataelement-274			 Suffix	 epSOS Data Set	
└ h17:assignedAuthoringDevice			R	Contains 2.16.840.1.113883.3.1937.777.11.10.129 <i>CDA Device</i> (DYNAMIC)	(epS... hor)	
└ h17:representedOrganization		1 ... 1	R	Contains 2.16.840.1.113883.3.1937.777.11.10.111 <i>epSOS CDA Organization</i> (DYNAMIC)	R1.10.9	
	 epsos-dataelement-23			 Author Healthcare Facility	 epSOS Data Set	

7.2.57 epSOS CDA author prescriber 2.16.840.1.113883.3.1937.777.11.10.103 - 2013-12-20















Id	2.16.840.1.113883.3.1937.777.11.10.103	Effective Date	2013-12-20
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Status	 Active	Version Label	
Name	epSOS CDA author Prescriber	Display Name	epSOS CDA author prescriber
Description			
<p>A CDA document shall have at least one author. Authors could be either human (ClinicalDocument/author/assignedAuthor/assignedPerson) either devices (ClinicalDocument/author/assignedAuthor/assignedAuthoringDevice).</p> <p>For definition “The <code>author</code> element represents the creator of the clinical document. If the role of the actor is the entry of information from his or her own knowledge or application of skills, that actor is the author. If one actor provides information to another actor who filters, reasons, or algorithmically creates new information, then that second actor is also an author, <u>having created information from his or her own knowledge or skills.</u>” [From Implementation Guide for CDA Release 2: Imaging Integration – UV Realm, March 2009].</p> <p>According to this definition, not any device that generates the electronic document has to be considered as an author:</p> <ul style="list-style-type: none"> ▪ a spider collecting and filtering information from different repositories, according to defined rules and policies, for the scope of creating a Patient Summary is definitely a document author (and maybe the only one for this document); ▪ an application that transforms a prescription record into a epSOS eP CDA may not be an author instead; ▪ The NCP that modifies the concepts conveyed, should appear as one of the authors. ▪ The author of the parent document is often also an author of the document generated through a transformation process (in that case also the author time should be the same). <p>Further to this, is therefore possible to determine the Nature of Patient Summary as follows [Excluding the NCPs as authors]:</p> <ul style="list-style-type: none"> ▪ if there is a person author only, there the Patient Summary is the result of a practitioner clinical act; ▪ if there is a device author only, the summary was automatically generated according to well defined rules defined by the responsible organization; ▪ if there are both a person and a device as authors, the summary was created via a mixed approach. <p>The CDA provides a mechanism to better specify who authored what within the document, allowing the specification of authorship at the whole document level, at the section level and finally at the entry level. In any case is not required to repeat this information for each level, taking advantage of the context conduction propriety. Infact “context that is specified on an outer tag holds true for all nested tags, unless overridden on a nested tag. Context specified on a tag within the CDA body always overrides context propagated from an outer tag. For instance, the specification of authorship at a document section level overrides all authorship propagated from outer tags.” (HL7 CDA R2 Standard).</p> <hr/> <p>/ClinicalDocument/author/assignedAuthor</p> <p>/ClinicalDocument/documentationOf/serviceEvent/performer (this applies to the prescriber and the dispenser).</p> <p>The template ID referenced here refers to HP information in the /ClinicalDocument/documentationOf/serviceEvent/performer structure. In this document, the same requirements apply to the person author of the document (if there is one), and to the prescriber and dispenser (see body).</p>			

When there is no HP but we have the method of assembly of data by a device, such as the “spider” method, we have the following expression; ClinicalDocument/author/assignedAuthor/assignedAuthoringDevice.

When the data is collected from different sources & pre-existing documents that are part of a bigger system. In that case the organization responsible of that collection “signed” the PS as responsible.

ClinicalDocument/author/assignedAuthor/representedOrganization

Classification	CDA Header Level Template			
Open/Closed	Open (other than defined elements are allowed)			
Used by / Uses	Used by 0 transactions and 9 templates, Uses 1 template			
	Used by	as	Name	Version
	1.3.6.1.4.1.12559.11.10.1.3.1.1.1	Include	 epSOS-ePrescription	2013-12-20
	1.3.6.1.4.1.12559.11.10.1.3.1.1.6	Include	 eHDSI-ePrescription PDF embedded	2017-03-11 22:32:59
	1.3.6.1.4.1.12559.11.10.1.3.1.3.2	Include	 epSOS CDA substanceAdministration	2013-12-20
	1.3.6.1.4.1.12559.11.10.1.3.1.2.1		 Section Prescription	2013-12-20
	1.3.6.1.4.1.12559.11.10.1.3.1.3.4	Include	 Medication Item	2013-12-20
	1.3.6.1.4.1.12559.11.10.1.3.1.2.3		 Section Medication Summary	2013-12-20
	1.3.6.1.4.1.12559.11.10.1.3.1.1.3		 epSOS-Patient Summary	2013-12-20
	1.3.6.1.4.1.12559.11.10.1.3.1.1.4		 epSOS-Health Care Encounter Report	2013-12-20
1.3.6.1.4.1.12559.11.10.1.3.1.1.5		 epSOS-Medication Related Overview	2013-12-20	
Uses	as	Name	Version	
2.16.840.1.113883.3.1937.777.11.10.111	Containment	 epSOS CDA Organization	DYNAMIC	
Relationship	Specialization: template 2.16.840.1.113883.10.12.102 (2005-09-07)			
Example	<p>Example</p> <pre><author> <time value="20121229"/></pre>			

```

<assignedAuthor>
  <id root="2.16.840.1.113883.2.9.4.3.2" extension="RSSMRA00A01F205F" assigningAuthorityName="Ministero Economia e
  Finanze"/>
  <addr>
    <streetAddressLine>Viale della Cristallina 3</streetAddressLine>
    <city>Bologna</city>
    <state>BO</state>
    <postalCode>40121</postalCode>
    <country>IT</country>
  </addr>
  <telecom use="WP" value="tel:(+39)051-34343434"/>
</assignedPerson>



  <name>
    <given>Paolo</given>
    <family>Rossi</family>
  </name>
</assignedPerson>
</assignedAuthor>
</author>
    
```



There is an open issue with this item:


- epsos-issue-278: Restrict the nullFlavor value for Telecom element in author prescriber to "NI" (Open)

Item	DT	Card	Conf	Description	Label
h17:author		1 ... *	R		(epS...ber)
└ @typeCode	cs	0 ... 1	F	AUT	
└ @contextControlCode	cs	0 ... 1	F	OP	
└ h17:functionCode	CE.EPSOS	1 ... 1	M		R1.10.6
	CONF			The value of @code shall be drawn from value set 1.3.6.1.4.1.12559.11.10.1.3.1.42.1 epSOSHealthcareProfessionalRoles (DYNAMIC)	
└ h17:time	TS.EPSOS.TZ	1 ... 1	R	The author/time element represents the start time of the author's participation in the creation of the clinical document. The author/time element SHALL be present.	(epS...ber)

Item	DT	Card	Conf	Description	Label
└ h17:assignedAuthor		1 ... 1	R		(epS...ber)
└ @classCode	cs	0 ... 1	F	ASSIGNED	
				role  error test @nullFlavor or h17:assignedPerson or h17:assignedAuthoringDevice Message If assignedAuthor has an associated representedOrganization with no assignedPerson or assignedAuthoringDevice, then the value for "ClinicalDocument/author/assignedAuthor/id/@NullFlavor" SHALL be "NA" "Not applicable" 2.16.840.1.113883.5.1008 NullFlavor STATIC.	
└ h17:id	I.LEPSOS	1 ... *	R	HP ID number	R1.10.5
└ @nullFlavor	cs	0 ... 1	F	NA	
└ h17:code	CE.EPSOS	0 ... 1	R	HP Specialty	R1.10.7
└ h17:addr	AD.EPSOS	1 ... *	R		IHE PCC
└ h17:telecom	TELE.EPSOS	1 ... *	R	Attribute @value SHALL contain a URI if element telecom is used. The URI scheme SHALL be one of URLScheme	IHE PCC / R1.10.8 / R1.10.8.1 / R1.10.8.2
└ @use	set_cs	0 ... 1			
				The value of @use shall be drawn from value set 1.3.6.1.4.1.12559.11.10.1.3.1.42.40 epSOSTelecomAddress (DYNAMIC)	
└ h17:assignedPerson		1 ... 1	M		(epS...ber)

Item	DT	Card	Conf	Description	Label
└ @classCode	cs	0 ... 1	F	PSN	
└ @determinerCode	cs	0 ... 1	F	INSTANCE	
└ h17:name	PN	1 ... 1	R	HP Name	IHE PCC
	Example	<pre><name> <given>John</given> <family>Español Smith</family> </name></pre>			
└ h17:family		1 ... *	R	HP Family Name/Surname	R1.10.1
└ h17:given		1 ... *	R	HP Given Name	R1.10.2
└ h17:prefix		0 ... *	R	HP Prefix	R1.10.3
└ h17:suffix		0 ... *	R	HP Suffix	R1.10.4
└ h17:representedOrganization		1 ... 1	R	Contains 2.16.840.1.113883.3.1937.777.11.10.111 <i>epSOS CDA Organization</i> (DYNAMIC)	R1.10.9

7.2.58 epSOS CDA custodian 2.16.840.1.113883.3.1937.777.11.10.104 - 2013-12-20

Id	2.16.840.1.113883.3.1937.777.11.10.104	Effective Date	2013-12-20
Status	 Active	Version Label	
Name	epSOSCDAcustodian	Display Name	epSOS CDA custodian
Description			

This elements represents the organization that is in charge of maintaining the document.

This information is required by the CDA R2 standard and shall be recorded in the `clinicalDocument/custodian/assignedCustodian/ representedCustodianOrganization` element.


The representedCustodianOrganization **SHALL** have:

- the name, addr and telecom elements (nullFlavor allowed), due to constrains derived by the H&P specification (see § 5 Constraints)
- the id element from the CDA R2 model

Classification	CDA Header Level Template				
Open/Closed	Open (other than defined elements are allowed)				
Used by / Uses	Used by 0 transactions and 7 templates, Uses 1 template				
	Used by	as	Name	Version	
	1.3.6.1.4.1.12559.11.10.1.3.1.1.1	Include	epSOS-ePrescription	2013-12-20	
	1.3.6.1.4.1.12559.11.10.1.3.1.1.2	Include	epSOS-eDispensation	2013-12-20	
	1.3.6.1.4.1.12559.11.10.1.3.1.1.3	Include	epSOS-Patient Summary	2013-12-20	
	1.3.6.1.4.1.12559.11.10.1.3.1.1.4	Include	epSOS-Health Care Encounter Report	2013-12-20	
	1.3.6.1.4.1.12559.11.10.1.3.1.1.5	Include	epSOS-Medication Related Overview	2013-12-20	
	1.3.6.1.4.1.12559.11.10.1.3.1.1.6	Include	eHDSI-ePrescription PDF embedded	2017-03-11 22:32:59	
	1.3.6.1.4.1.12559.11.10.1.3.1.1.7	Include	eHDSI-Patient Summary PDF embedded	2017-03-11 18:41:31	
	Uses	as	Name	Version	
2.16.840.1.113883.3.1937.777.11.10.111	Containment	epSOS CDA Organization	DYNAMIC		
Relationship	Specialization: template 2.16.840.1.113883.10.12.104 (2005-09-07)				
	There is an open issue with this item:				
	<ul style="list-style-type: none"> ▪ epsos-issue-219: <i>Constraints for custodian organization</i> (Open) 				
Item	DT	Card	Conf	Description	Label
h17:custodian		1 ... 1	R		(epS...

Item	DT	Card	Conf	Description	Label
					ian)
└ @typeCode		0 ... 1	F	CST	
└ h17:assignedCustodian		1 ... 1	R		(epS... ian)
└ @classCode		0 ... 1	F	ASSIGNED	
└ h17:representedCustodianOrganization		1 ... 1	R	Contains 2.16.840.1.113883.3.1937.777.11.10.111 <i>epSOS CDA Organization (DYNAMIC)</i>	R1.10.9
└ @classCode		0 ... 1	F	ORG	
└ @determinerCode		0 ... 1	F	INSTANCE	

7.2.59 epSOS CDA documentationOf 2.16.840.1.113883.3.1937.777.11.10.105 - 2013-12-20

Id	2.16.840.1.113883.3.1937.777.11.10.105	Effective Date	2013-12-20
Status	 Active	Version Label	
Name	epSOSCDAdocumentationOf	Display Name	epSOS CDA documentationOf

Description

/ClinicalDocument/author/assignedAuthor




/ClinicalDocument/documentationOf/serviceEvent/performer (this applies to the prescriber and the dispenser).

The template ID referenced here refers to HP information in the /ClinicalDocument/documentationOf/serviceEvent/performer structure. In this document, the same requirements apply to the person author of the document (if there is one), and to the prescriber and dispenser (see body).




When there is no HP but we have the method of assembly of data by a device, such as the “spider” method, we have the following expression; ClinicalDocument/author/assignedAuthor/assignedAuthoringDevice.

When the data is collected from different sources & pre-existing documents that are part of a bigger system. In that case the organization responsible of that collection “signed” the PS as responsible.

ClinicalDocument/author/assignedAuthor/representedOrganization

Classification	CDA Header Level Template		
Open/Closed	Open (other than defined elements are allowed)		
Associated with	Associated with 1 concept		
	Id	Name	Data Set
	epsos-dataelement-66	 Date of Last Update	 epSOS Data Set
Used by / Uses	Used by 0 transactions and 0 templates, Uses 1 template		
	Uses	as	Name
	2.16.840.1.113883.3.1937.777.11.10.111	Containment 	epSOS CDA Organization DYNAMIC
Relationship	Specialization: template 2.16.840.1.113883.10.12.110 (2005-09-07)		

Item	DT	Card	Conf	Description	Label
h17:documentationOf		0 ... *	R		(epS...nOf)
└ @typeCode		1 ... 1	F	DOC	
└ h17:serviceEvent		1 ... 1	R		(epS...nOf)
└ @classCode		1 ... 1	F	ACT	
└ @moodCode		1 ... 1	F	EVN	
└ h17:id	I1.EPSOS	0 ... *	R		(epS...nOf)

Item	DT	Card	Conf	Description	Label
└ h17:code	CE.EPSOS	0 ... 1	R		(epS...nOf)
└ h17:effectiveTime	IVL_TS	0 ... 1	R		(epS...nOf)
└ h17:low	TS		R		(epS...nOf)
└ h17:high	TS		R	<p>Please note that with this element we don't specify any document authoring time, but when the episode of care documented by this CDA ended.</p> <p>For a summary document, there is only one service event, describing the provision of care over a period of time. All information represented in the document must have occurred within the time period specified in serviceEvent/effectiveTime. Therefore this elements represents also the last effective date when the summary content has been updated (even if it may happen that this instance of the CDA has been authored later..).</p> <p>As for the eP and eD the last update of the document is better represented by authoring time.</p> <p>Please refers to the template "epSOS-Patient Summary" in the element description at ClinicalDocument.effectiveTime "Relevant times for the Patient Summary" for further details</p>	R1.11.2
<div style="display: flex; justify-content: space-between; align-items: center;">  epsos-dataelement-66  Date of Last Update  epSOS Data Set </div>					
└ h17:performer		0 ... *	R		R1.10
└ @typeCode	cs	1 ... 1	R		
	CONF	The value of @typeCode shall be drawn from value set 2.16.840.1.113883.1.11.19601 x_ServiceEventPerformer (DYNAMIC)			
└ h17:functionCode	CE.EPSOS	0 ... 1	R		R1.10.6
	CONF	The value of @code shall be drawn from value set 1.3.6.1.4.1.12559.11.10.1.3.1.42.1 epSOSHealthcareProfessionalRoles (DYNAMIC)			

Item	DT	Card	Conf	Description	Label
└ h17:time	IVL_TS	0 ... 1	R		R1.10
└ h17:assignedEntity		1 ... 1	R		R1.10
└ h17:id	II.EPSOS	1 ... *	R	HP ID number	R1.10.5
└ h17:code	CE.EPSOS	0 ... 1	R	HP Specialty	R1.10.7
└ h17:addr	AD.EPSOS	1 ... *	R		IHE PCC
└ h17:telecom	TEL	1 ... *	R	Assigned Entity's Telecom If there is no information, the nullFlavor attribute shall have a value of 'NI' and the "value" and "use" attributes shall be omitted, otherwise the nullFlavor attribute shall not be present, and the "value" and "use" attributes shall be present. Optionalities and Cardinalities of the following two items shall be interpreted according to this rule: e.g. is not expected to have two nullFlavored telecom elements.	R1.10.8 / R1.10.8.1 / R1.10.8.2
└ @use	set_cs	0 ... 1			
	CONF			The value of @use shall be drawn from value set 1.3.6.1.4.1.12559.11.10.1.3.1.42.40 epSOSTelecomAddress (DYNAMIC)	
└ @nullFlavor	cs	0 ... 1	F	NI	
└ h17:assignedPerson		0 ... 1	R		R1.10
└ @classCode		0 ... 1	F	PSN	
└ @determinerCode		0 ... 1	F	INSTANCE	

Item	DT	Card	Conf	Description	Label
└ h17:name	PN	1 ... 1	R	HP Name	IHE PCC
	Example	<pre><name> <given>John</given> <family>Español Smith</family> </name></pre>			
Choice		2 ... *		Elements to choose from: <ul style="list-style-type: none"> ▪ h17:family ▪ h17:given ▪ h17:prefix ▪ h17:suffix 	
└ h17:family		1 ... *	R	HP Family Name/Surname	R1.10.1
└ h17:given		1 ... *	R	HP Given Name	R1.10.2
└ h17:prefix		0 ... *	R	HP Prefix	R1.10.3
└ h17:suffix		0 ... *	R	HP Suffix	R1.10.4
└ h17:representedOrganization		1 ... 1	R	Contains 2.16.840.1.113883.3.1937.777.11.10.111 epSOS CDA Organization (DYNAMIC)	R1.10.9

7.2.60 ● epSOS CDA documentationOf PCPR 2.16.840.1.113883.3.1937.777.11.10.106 - 2013-12-20

Id	2.16.840.1.113883.3.1937.777.11.10.106	Effective Date	2013-12-20
Status	● Active	Version Label	
Name	epSOS CDA documentationOf PCPR	Display Name	epSOS CDA documentationOf PCPR

Description

/ClinicalDocument/author/assignedAuthor

/ClinicalDocument/documentationOf/serviceEvent/performer (this applies to the prescriber and the dispenser).

The template ID referenced here refers to HP information in the /ClinicalDocument/documentationOf/serviceEvent/performer structure. In this document, the same requirements apply to the person author of the document (if there is one), and to the prescriber and dispenser (see body).

When there is no HP but we have the method of assembly of data by a device, such as the “spider” method, we have the following expression; ClinicalDocument/author/assignedAuthor/assignedAuthoringDevice.

When the data is collected from different sources & pre-existing documents that are part of a bigger system. In that case the organization responsible of that collection “signed” the PS as responsible.

ClinicalDocument/author/assignedAuthor/representedOrganization


Classification	CDA Header Level Template		
Open/Closed	Open (other than defined elements are allowed)		
Used by / Uses	Used by 0 transactions and 4 templates, Uses 2 templates		
	Used by	as	Name
	1.3.6.1.4.1.12559.11.10.1.3.1.1.3	Include	epSOS-Patient Summary
	1.3.6.1.4.1.12559.11.10.1.3.1.1.4	Include	epSOS-Health Care Encounter Report
	1.3.6.1.4.1.12559.11.10.1.3.1.1.5	Include	epSOS-Medication Related Overview
	1.3.6.1.4.1.12559.11.10.1.3.1.1.7	Include	eHDSI-Patient Summary PDF embedded
	Uses	as	Name
	2.16.840.1.113883.3.1937.777.11.10.113	Containment	CDA Person
	2.16.840.1.113883.3.1937.777.11.10.111	Containment	epSOS CDA Organization
Relationship	Specialization: template 2.16.840.1.113883.10.12.110 (2005-09-07)		
	There is an open issue with this item:		
	<ul style="list-style-type: none"> epsos-issue-174: Allow serviceEvent/effectiveTime as interval or TS? (Open) 		









Item	DT	Card	Conf	Description	Label
hl7:documentationOf		0 ... *	R		(epS... CPR)
└ @typeCode	cs	1 ... 1	F	DOC	
└ hl7:serviceEvent		1 ... 1	R		(epS... CPR)
└ @classCode	cs	1 ... 1	F	PCPR	
└ @moodCode	cs	1 ... 1	F	EVN	
└ hl7:id	ILEPSOS	0 ... *	R		(epS... CPR)
└ hl7:code	CE.EPSOS	0 ... 1	R		(epS... CPR)
Choice		1 ... 1		Elements to choose from: <ul style="list-style-type: none"> hl7:effectiveTime[hl7:high] hl7:effectiveTime[@nullFlavor or @value] 	
└ hl7:effectiveTime	IVL_TS	... 1	R		(epS... CPR)
where [hl7:high]					
└ hl7:low	TS	0 ... 1	R		(epS... CPR)
└ hl7:high	TS	1 ... 1	R		(epS... CPR)
└ hl7:effectiveTime	TS	... 1	R		(epS... CPR)
where [@nullFlavor or @value]					

Item	DT	Card	Conf	Description	Label
└ h17:performer		0 ... *	R	represents the healthcare providers involved in the current or pertinent historical care of the patient. Preferably, the patient's key healthcare providers would be listed, particularly their primary physician and any active consulting physicians, therapists, and counselors	(epS... CPR)
└ @typeCode	cs	1 ... 1	R		
	CONF			The value of @typeCode shall be drawn from value set 2.16.840.1.113883.1.11.19601_x_ServiceEventPerformer (DYNAMIC)	
└ h17:functionCode	CE.EPSOS	1 ... 1	R		(epS... CPR)
	CONF			The value of @code shall be drawn from value set 1.3.6.1.4.1.12559.11.10.1.3.1.42.1_epSOSHealthcareProfessionalRoles (DYNAMIC)	
└ h17:time	IVL_TS	0 ... 1	R		(epS... CPR)
└ h17:assignedEntity		1 ... 1	M		(epS... CPR)
└ h17:id	I1.EPSOS	1 ... *	R	HP ID number	(epS... CPR)
└ h17:code	CE.EPSOS	0 ... 1	R	HP Specialty	(epS... CPR)
└ h17:addr	AD.EPSOS	1 ... *	R		IHE PCC
└ h17:telecom	TEL	1 ... *	R	<p>Performer's Telecom</p> <p>If there is no information, the nullFlavor attribute shall have a value of 'NI' and the "value" and "use" attributes shall be omitted, otherwise the nullFlavor attribute shall not be present, and the "value" and "use" attributes shall be present.</p> <p>Optionalities and Cardinalities of the following two items shall be interpreted according to this rule: e.g. is not expected to have two nullFlavored telecom elements.</p>	R1.10.8

Item	DT	Card	Conf	Description	Label
└ @use	set_cs	0 ... 1			
	CONF			The value of @use shall be drawn from value set 1.3.6.1.4.1.12559.11.10.1.3.1.42.40 <i>epSOSTelecomAddress</i> (DYNAMIC)	
└ @nullFlavor	cs	0 ... 1 F		NI	
	Example			<pre><telecom use="WP" value="tel:+45 20 7025 6161"/> <telecom use="HP" value="mailto:jsmith@myprovider.co.uk"/></pre>	
└ h17:assignedPerson		0 ... 1		Contains 2.16.840.1.113883.3.1937.777.11.10.113 <i>CDA Person</i> (DYNAMIC)	(epS... CPR)
└ h17:representedOrganization		0 ... 1		Contains 2.16.840.1.113883.3.1937.777.11.10.111 <i>epSOS CDA Organization</i> (DYNAMIC)	(epS... CPR)

7.2.61 epSOS CDA legalAuthenticator 2.16.840.1.113883.3.1937.777.11.10.109 - 2013-12-20

Id	2.16.840.1.113883.3.1937.777.11.10.109	Effective Date	2013-12-20
Status	 Active	Version Label	
Name	epSOSCDALegalAuthenticator	Display Name	epSOS CDA legalAuthenticator
Description			
<p>The person taking responsibility for the medical content of the document. In Spain this is the regional authority in healthcare. This regional authority healthcare organization will send this to the NCP. The definition of the legal authenticator may vary according to the rules set up in the framework agreement particular to each state. It may be a person or a regional authority, or an NCP.</p> <p>In any case, as well described in the IG CDA R2 – Imaging Integration: Local policies may choose to delegate the function of legal authentication to a device or system that generates the clinical document. In these cases, the legal authenticator is a person accepting responsibility for the document, not the generating device or system.”</p>			
Classification	CDA Header Level Template		
Open/Closed	Open (other than defined elements are allowed)		
Used by / Uses	Used by 0 transactions and 7 templates, Uses 1 template		

Used by	as	Name	Version
1.3.6.1.4.1.12559.11.10.1.3.1.1.1	Include	 epSOS-ePrescription	2013-12-20
1.3.6.1.4.1.12559.11.10.1.3.1.1.2	Include	 epSOS-eDispensation	2013-12-20
1.3.6.1.4.1.12559.11.10.1.3.1.1.3	Include	 epSOS-Patient Summary	2013-12-20
1.3.6.1.4.1.12559.11.10.1.3.1.1.4	Include	 epSOS-Health Care Encounter Report	2013-12-20
1.3.6.1.4.1.12559.11.10.1.3.1.1.5	Include	 epSOS-Medication Related Overview	2013-12-20
1.3.6.1.4.1.12559.11.10.1.3.1.1.6	Include	 eHDSI-ePrescription PDF embedded	2017-03-11 22:32:59
1.3.6.1.4.1.12559.11.10.1.3.1.1.7	Include	 eHDSI-Patient Summary PDF embedded	2017-03-11 18:41:31
Uses	as	Name	Version
2.16.840.1.113883.3.1937.777.11.10.111	Containment	 epSOS CDA Organization	DYNAMIC

Relationship

Adaptation: template 2.16.840.1.113883.10.12.106 (2005-09-07)

Example**Example**

```

<legalAuthenticator>
  <time value="20111013150937"/>
  <signatureCode code="S"/>
  <assignedEntity>
    <id extension="admin" root="2.16.17.710.780.1000.903.1.1.3.3"/>
    <assignedPerson>
      <name>
        <given>John</given>
        <family>Español Smith</family>
      </name>
    </assignedPerson>
  </representedOrganization>
  <name>Healthcare Facility's name</name>
  <addr>
    <country>NL</country>
    <streetName>Duinweg</streetName>
    <houseNumber>23</houseNumber>
  </addr>

```

```
<postalCode>7364 RX</postalCode>
<city>Amsterdam</city>
</addr>
</representedOrganization>
</assignedEntity>
</legalAuthenticator>
```



There are open issues with this item:

- epsos-issue-235: *hl7:assignedPerson contains twice the element hl7:name* (In Progress)
- epsos-issue-253: *Adapt conformancy of family and given elements conform the EXPAND specifications* (Feedback needed)








































Item	DT	Card	Conf	Description	Label
hl7:legalAuthenticator			R	The person taking responsibility for the medical content of the document. In Spain this is the regional authority in healthcare. This regional authority healthcare organization will send this to the NCP. The definition of the legal authenticator may vary according to the rules set up in the framework agreement particular to each state. It may be a person or a regional authority, or an NCP.	R1.11.9
└ hl7:time	TS.EPSOS.TZ	1 ... 1	M	Time of signing the document	R1.11.9
└ hl7:signatureCode	CS	1 ... 1	R	Signature code	R1.11.9
└ @code	CONF	0 ... 1	F	S	
└ hl7:assignedEntity		1 ... 1	M	The regional authority that is responsible for the legal authentication of the CDA document	R1.11.9
└ hl7:id		1 ... 1	M	Unique identification of legal authenticator	R1.11.9
└ hl7:addr	AD.EPSOS	1 ... *	R		IHE PCC
└ hl7:telecom	TEL	1 ... *	R	Legal Authenticator's Telecom If there is no information, the nullFlavor attribute shall have a value of 'NI' and the "value" and "use" attributes shall be omitted, otherwise the nullFlavor attribute shall not be present, and the "value" and "use" attributes shall be present.	R1.10.9.4 / R1.10.9.4.1 / R1.10.9.4.2

Item	DT	Card	Conf	Description	Label
				Optionalities and Cardinalities of the following two items shall be interpreted according to this rule: e.g. is not expected to have two nullFlavored telecom elements.	
└ @use	set_cs	0 ... 1			
	CONF			The value of @use shall be drawn from value set 1.3.6.1.4.1.12559.11.10.1.3.1.42.40 epSOSTelecomAddress (DYNAMIC)	
└ @nullFlavor	cs	0 ... 1 F	NI		
	Example			<pre><telecom use="WP" value="tel:+45 20 7025 6161"/> <telecom use="HP" value="mailto:jsmith@myprovider.co.uk"/></pre>	
└ h17:assignedPerson		1 ... 1 R			IHE PCC
└ @classCode	cs	0 ... 1 F		PSN	
└ @determinerCode	cs	0 ... 1 F		INSTANCE	
└ h17:name	PN	1 ... 1 R		HP Name	IHE PCC
	Example			<pre><name> <given>John</given> <family>Español Smith</family> </name></pre>	
└ h17:family		1 ... * M		HP Family Name/Surname	R1.10.1
└ h17:given		1 ... * M		HP Given Name	R1.10.2
└ h17:prefix		0 ... * R		HP Prefix	R1.10.3

Item	DT	Card	Conf	Description	Label
└ h17:suffix		0 ... *	R	HP Suffix	R1.10.4
└ h17:representedOrganization		1 ... 1	M	Contains 2.16.840.1.113883.3.1937.777.11.10.111 epSOS CDA Organization (DYNAMIC)	R1.11.9
where [not(@nullFlavor)]					

7.2.62 ● epSOS CDA recordTarget 2.16.840.1.113883.3.1937.777.11.10.100 - 2013-12-20

Id	2.16.840.1.113883.3.1937.777.11.10.100	Effective Date	2013-12-20
Status	● Active	Version Label	
Name	epSOSCDArecordTarget	Display Name	epSOS CDA recordTarget
Classification	CDA Header Level Template		
Open/Closed	Open (other than defined elements are allowed)		
Associated with	Associated with 28 concepts		
	Id	Name	Data Set
	epsos-dataelement-26	● Contact Information	● epSOS Data Set
	epsos-dataelement-263	● Prefix	● epSOS Data Set
	epsos-dataelement-51	● Street	● epSOS Data Set
	epsos-dataelement-235	● Other Identifier	● epSOS Data Set
	epsos-dataelement-28	● Telephone No	● epSOS Data Set
	epsos-dataelement-13	● Family Name/Surname	● epSOS Data Set
	epsos-dataelement-39	● Telephone No	● epSOS Data Set
	epsos-dataelement-38	● Family Name/Surname	● epSOS Data Set
epsos-dataelement-27	● Address	● epSOS Data Set	

	epsos-dataelement-10	 Date of Birth	 epSOS Data Set	
	epsos-dataelement-54	 Country	 epSOS Data Set	
	epsos-dataelement-11	 Gender	 epSOS Data Set	
	epsos-dataelement-8	 Personal Information	 epSOS Data Set	
	epsos-dataelement-55	 City	 epSOS Data Set	
	epsos-dataelement-7	 National Health Care patient ID (country of affiliation)	 epSOS Data Set	
	epsos-dataelement-53	 Postal Code	 epSOS Data Set	
	epsos-dataelement-12	 Given name	 epSOS Data Set	
	epsos-dataelement-5	 Patient Data	 epSOS Data Set	
	epsos-dataelement-234	 National Health Care patient ID (country of treatment)	 epSOS Data Set	
	epsos-dataelement-52	 Number of Street	 epSOS Data Set	
	epsos-dataelement-300	 Telecom	 epSOS Data Set	
	epsos-dataelement-37	 Given Name	 epSOS Data Set	
	epsos-dataelement-29	 Email	 epSOS Data Set	
	epsos-dataelement-56	 State or Province	 epSOS Data Set	
	epsos-dataelement-6	 Identification	 epSOS Data Set	
	epsos-dataelement-34	 Contact Person/legal guardian	 epSOS Data Set	
	epsos-dataelement-9	 Full Name	 epSOS Data Set	
	epsos-dataelement-36	 Full Name	 epSOS Data Set	
	Used by 0 transactions and 7 templates, Uses 0 templates			
Used by / Uses	Used by	as	Name	Version
	1.3.6.1.4.1.12559.11.10.1.3.1.1.1	Include	 epSOS-ePrescription	2013-12-20

1.3.6.1.4.1.12559.11.10.1.3.1.1.2	Include		epSOS-eDispensation	2013-12-20
1.3.6.1.4.1.12559.11.10.1.3.1.1.3	Include		epSOS-Patient Summary	2013-12-20
1.3.6.1.4.1.12559.11.10.1.3.1.1.4	Include		epSOS-Health Care Encounter Report	2013-12-20
1.3.6.1.4.1.12559.11.10.1.3.1.1.5	Include		epSOS-Medication Related Overview	2013-12-20
1.3.6.1.4.1.12559.11.10.1.3.1.1.6	Include		eHDSI-ePrescription PDF embedded	2017-03-11 22:32:59
1.3.6.1.4.1.12559.11.10.1.3.1.1.7	Include		eHDSI-Patient Summary PDF embedded	2017-03-11 18:41:31

Relationship
























Specialization: template 2.16.840.1.113883.10.12.101 (2005-09-07)



There is an open issue with this item:

- epsos-issue-276: *make patient name mandatory (change conformance from R to M)* (Open)

Item	DT	Card	Conf	Description	Label
h17:recordTarget		1 ... *	R		(epS... get)
<div style="background-color: #e0ffe0; padding: 5px;"> epsos-dataelement-5 Patient Data epSOS Data Set </div>					
└ @typeCode	cs	0 ... 1	F	RCT	
└ @contextControlCode	cs	0 ... 1	F	OP	
└ h17:patientRole		1 ... 1	M		(epS... get)
<div style="background-color: #e0ffe0; padding: 5px;"> epsos-dataelement-26 Contact Information epSOS Data Set </div>					
└ @classCode	cs	0 ... 1	F	PAT	
└ h17:id	II.EPSOS	1 ... *	R	Patient Identifiers: Primary Patient Identifier (Regional/National Health Id), Secondary Patient Identifier (Social/Insurance Number)	R1.4 / R1.4.1 / R1.4.2

Item	DT	Card	Conf	Description	Label	
	 epsos-dataelement-235 epsos-dataelement-7 epsos-dataelement-234 epsos-dataelement-6			 Other Identifier  National Health Care patient ID (country of affiliation)  National Health Care patient ID (country of treatment)  Identification	 epSOS Data Set  epSOS Data Set  epSOS Data Set  epSOS Data Set	
└ h17:addr	AD.EPSOS	1 ... 1	R	The patient address element is required. If there is no information, the nullFlavor attribute shall have a value of 'NI' and no address parts shall be present, otherwise there shall be no nullFlavor attribute, and at least one of the address parts listed below shall be present.	R1.5	
	 epsos-dataelement-27			 Address	 epSOS Data Set	
└ @nullFlavor	cs	0 ... 1	F	NI		
└ h17:streetAddressLine		0 ... *	R	Patient's Number of Street/Patient's Number of Street	R1.5.1 / R1.5.2	
	 epsos-dataelement-51 epsos-dataelement-52			 Street  Number of Street	 epSOS Data Set  epSOS Data Set	
└ h17:city		0 ... 1	R	Patient's City	R1.5.3	
	 epsos-dataelement-55			 City	 epSOS Data Set	
└ h17:postalCode		0 ... 1	R	Patient's Postal Code	R1.5.4	
	 epsos-dataelement-53			 Postal Code	 epSOS Data Set	
└ h17:state		0 ... 1	R	Patient's State or Province	R1.5.5	

Item	DT	Card	Conf	Description	Label
	⊙ epsos-dataelement-56			● State or Province	● epSOS Data Set
└ h17:country		0 ... 1	R	Patient's Country. When used addr.country it is always bound to the epSOSCountry value set	R1.5.6
	⊙ epsos-dataelement-54			● Country	● epSOS Data Set
	CONF	The value of @code shall be drawn from value set 1.3.6.1.4.1.12559.11.10.1.3.1.42.4 epSOSCountry (DYNAMIC)			
└ h17:telecom	TEL	1 ... *	R	Patient's telephone number / Patient e-mail address. The patient telephone or e-mail element is required. If there is no information, the nullFlavor attribute shall have a value of 'NI' and the "value" and "use" attributes shall be omitted, otherwise the nullFlavor attribute shall not be present, and the "value" and "use" attributes shall be present Optionalities and Cardinalities of the following two items shall be interpreted according to this rule: e.g. is not expected to have two nullFlavored telecom elements.	R1.6.1 / R1.6.2
	⊙ epsos-dataelement-28			● Telephone No	● epSOS Data Set
	epsos-dataelement-300			● Telecom	● epSOS Data Set
	epsos-dataelement-29			● Email	● epSOS Data Set
└ @use	set_cs	0 ... 1			
	CONF	The value of @use shall be drawn from value set 1.3.6.1.4.1.12559.11.10.1.3.1.42.4 epSOSTelecomAddress (DYNAMIC)			
└ @nullFlavor	cs	0 ... 1	F	NI	
└ h17:patient		1 ... 1	M		(epS... get)
	⊙ epsos-dataelement-8			● Personal Information	● epSOS Data Set
└ @classCode	cs	0 ... 1	F	PSN	

Item	DT	Card	Conf	Description	Label
└ @determinerCode	cs	0 ... 1	F	INSTANCE	
└ h17:name	PN	1 ... *	R	Patient Name	R1.1
	⊙ epsos-dataelement-9	● Full Name	● epSOS Data Set		
└ h17:family		1 ... *	M	Patient's Family Name/Surname	R1.1.1
	⊙ epsos-dataelement-13	● Family Name/Surname	● epSOS Data Set		
└ h17:prefix		0 ... *	R	Patient's Prefix	R1.1.2
	⊙ epsos-dataelement-263	● Prefix	● epSOS Data Set		
	Constraint	If the attribute qualifier is used for this element it should be derived from epSOSEntityNamePartQualifier 2.16.840.1.113883.5.43			
└ h17:given		1 ... *	M	Patient's Given Name	R1.1.3
	⊙ epsos-dataelement-12	● Given name	● epSOS Data Set		
└ h17:administrativeGenderCode	CE.EPSOS	1 ... 1	R	Patient's Gender	R1.2
	⊙ epsos-dataelement-11	● Gender	● epSOS Data Set		
└ @nullFlavor	cs	0 ... 1	F	UNK	
	CONF	The value of @code shall be drawn from value set 1.3.6.1.4.1.12559.11.10.1.3.1.42.34 epSOSAdministrativeGender (DYNAMIC)			
└ h17:birthTime	TS	1 ... 1	M	Patient's Date of Birth. The patient date of birth may be a partial date such as only the year.	R1.3


Item	DT	Card	Conf	Description	Label
 epsos-dataelement-10  Date of Birth  epSOS Data Set					
L <code>h17:guardian</code>		0 ... *	R	<p>The guardians of a patient shall be recorded in the <guardian> element beneath the /ClinicalDocument/recordTarget/patientRole/patient XML - <patient> element. Other patient contacts are described using the /ClinicalDocument/participant structure. The <associatedEntity> element defines the type of contact.</p> <p>The relationship between the patient and the guardian or other contact should be recorded in the <code> element. The code attribute is required and comes from the HL7 PersonalRelationshipRoleType vocabulary (epSOSPersonalRelationship value set).</p> <p>The address of the guardian or other contact should be present, and shall be represented, as any other address would be in CDA.</p> <p>The phone number of the guardian or other contact should be present, and shall be represented, as any other phone number would be in CDA.</p> <p>The name of the guardian or other contact shall be present, and shall be represented, as any other name would be in CDA.</p>	R1.7.A
L <code>@classCode</code>	cs	1 ... 1	F	GUARD	
L <code>@nullFlavor</code>	cs	0 ... 1		Use nullFlavor if unknown or if no information is applicable	
Example				<pre> <guardian classCode="GUARD"> <templateId root="1.3.6.1.4.1.19376.1.5.3.1.2.4"/> <addr> <streetAddressLine>2222 Home Street</streetAddressLine> <city>London</city> <state>London</state> <postalCode>A1B 2C3</postalCode> <country>UK</country> </addr> <telecom value="tel:+452070256161"/> <telecom value="mailto:jsmith@myprovider.co.uk"/> </guardianPerson> </pre>	

Item	DT	Card	Conf	Description	Label
				<pre> <name> <given>John</given> <family>Español Smith</family> </name> </guardianPerson> </guardian> </pre>	
└ h17:templateId	I.EPSOS	1 ... 1	M	Template id for IHE PCC Patient Contacts	R1.7.A
└ @root	uid	1 ... 1	F	1.3.6.1.4.1.19376.1.5.3.1.2.4	
└ h17:addr	AD.EPSOS	1 ... 1	R	The guardian's address element is required. If there is no information, the nullFlavor attribute shall have a value of 'NI' and no address parts shall be present, otherwise there shall be no nullFlavor attribute, and at least one of the address parts listed below shall be present	R1.7.A
└ @nullFlavor	cs	0 ... 1	F	NI	
└ h17:streetAddressLine		0 ... *	R	Guardian's Number of Street/Guardian's Number of Street	R1.7... 3.2
└ h17:city		0 ... 1	R	Guardian's City	R1.7... 3.3
└ h17:postalCode		0 ... 1	R	Guardian's Postal Code	R1.7... 3.4
└ h17:state		0 ... 1	R	Guardian's State or Province	R1.7... 3.5
└ h17:country		0 ... 1	R	Guardian's Country. When used addr.country it is always bound to the epSOSCountry value set	R1.7... 3.6
	CONF			The value of @code shall be drawn from value set 1.3.6.1.4.1.12559.11.10.1.3.1.42.4 epSOSCountry (DYNAMIC)	
└ h17:telecom	TEL	1 ... *	R	Guardian's telephone number / Patient e-mail address. The guardian telephone or e-mail element is required. If there is no information, the nullFlavor attribute shall have a value of 'NI' and the "value" and "use" attributes shall be omitted, otherwise the nullFlavor attribute shall not be present, and the "value" and "use" attributes shall be present Optionalities and	R1.7... 4.2

Item	DT	Card	Conf	Description	Label
				Cardinalities of the following two items shall be interpreted according to this rule: e.g. is not expected to have two nullFlavored telecom elements.	
				 epsos-dataelement-39  Telephone No  epSOS Data Set	
└ @use	set_cs	0 ... 1			
				CONF The value of @use shall be drawn from value set 1.3.6.1.4.1.12559.11.10.1.3.1.42.40 epSOSTelecomAddress (DYNAMIC)	
└ @nullFlavor	cs	0 ... 1	F	NI	
└ h17:guardianPerson		1 ... 1	R		R1.7.A
				 epsos-dataelement-34  Contact Person/legal guardian  epSOS Data Set	
└ h17:name	PN	1 ... *	R	Patient Guardian's Name	IHE PCC
				 epsos-dataelement-36  Full Name  epSOS Data Set	
Choice		2 ... *		Elements to choose from: <ul style="list-style-type: none"> ▪ hl7:family ▪ hl7:given 	
└ hl7:family		1 ... *	R	Patient Guardian's Family Name/Surname	R1.7.A.1
				 epsos-dataelement-38  Family Name/Surname  epSOS Data Set	
└ hl7:given		1 ... *	R	Patient Guardian's Given Name	R1.7.A.2
				 epsos-dataelement-37  Given Name  epSOS Data Set	

Item	DT	Card	Conf	Description	Label
└ h17:languageCommunication		0 ... *	R	This element is derived from the IHE template LanguageCommunication (1.3.6.1.4.1.19376.1.5.3.1.2.1), however this template does not need the element preferenceInd because the language is already said to be the "preferred language".	(epS... get)
└ h17:languageCode	CS	1 ... 1	R	Patient's preferred language <ul style="list-style-type: none"> ▪ The language code SHALL be in the form nn-CC. ▪ The nn portion SHALL be an ISO-639-1 language code in lower case derived by the Value Set epSOSLanguage. ▪ The CC portion SHALL be an ISO-3166 country code in upper case derived by the value Set epSOSCountry 	R1.7
Example		<languageCode code="en-GB"/>			
Schematron assert		role	error		
		test	matches(@code,'[a-z]{2}-[A-Z]{2}')		
		Message	The language code SHALL be in the form nn-CC where nn is ISO-639-1 epSOSLanguage and CC is ISO-3166 epSOSCountry		

7.2.63 epSOS CDA relatedDocument 2.16.840.1.113883.3.1937.777.11.10.107 - 2013-12-20

Id	2.16.840.1.113883.3.1937.777.11.10.107	Effective Date	2013-12-20
Status	 Active	Version Label	
Name	epSOSCDArealtedDocument	Display Name	epSOS CDA relatedDocument

Description

Links among documents

Depending on the document type, any instance of epSOS pivot CDA shall have a related CDA embedding the PDF representation of the original data from which the epSOS pivot has been derived (also known as “epSOS PDF”). The consumer of the epSOS services shall be able to access this epSOS PDF – if existing - any time it deems it is necessary for the document content comprehension. *[epSOS PDF – epSOS pivot link]*

Moreover countries shall be able: for a given epSOS pivot document, to identify the original national data/document (i.e. that in use in their national infrastructure) this CDA comes from *[Original document identification]*; to trace back from the eD what is the prescription dispensed, and for each dispensed item what is the prescription item supplied. *[eD to eP traceability]*

Hereafter how these requirements are fulfilled for the epSOS CDAs.

Original document identification

The relationship between the eP/eD/PS instance and the document (data) in use in the National Infrastructure (“original Country-A document”) is kept via the XFRM relationship [XFRM (transform) = “The current document is a transformation of the ParentDocument”].

Where the “national” document is identified by its ID as the parentDocument relatedDocument association of the (“aa-bb-cc” in the example "Example of national document identified by its ID").

N.B.: This relationship is mandatory for this guide

NOTE: Even for countries not dealing with real documents in their National Infrastructures (e.g. data collected from local databases), this mechanism could be useful to identify the collection of data used for generating the epSOS CDAs, facilitating the information backtracking. In that case the ID might be that of the epSOS friendly document or of any other kind of intermediate document used for generating the NCP document input.

epSOS PDF – epSOS pivot link

The link between the epSOS pivot and the epSOS PDF may be derived at the document level in three ways:

- (1) both have the same relatedDocument (XFRM).parentDocument
- (2) if used, both have the same setId. This value should be equal to the “national document” setId, if existing.
- (3) the pivot have a relatedDocument relationship with the epSOS PDF.

Even if no one of the allowable relationships defined by the CDA standard (XFRM, RPLC, APND) fits perfectly with the relationship existing between the pivot and the PDF CDA; the APND relationship seems to be that better describing the epSOS scenario. In fact “An addendum is a separate document that references the parent document, and may extend or alter the observations in the prior document. The parent document remains a current component of the patient record, and the addendum and its parent are both read by report recipients.”

This relationship would be therefore represented as presented in example "Example of append relationship". Where aa1-bb1-cc1 is in this example the ID of the epSOS PDF.

eD to eP traceability























Each prescription shall have its own identifier recorded in the element section[templateId/@root='1.3.6.1.4.1.12559.11.10.1.3.1.2.1']/id (see R2.1).

Each prescription item shall have its own identifier recorder in entry/substanceAdministration[templateId/@root='1.3.6.1.4.1.12559.11.10.1.3.1.3.2']/id (see R2.4)

The prescription ID and prescription item ID must be globally unique. In countries where there can be only one item per prescription, the prescription item ID must be the same as the prescription ID

The main mechanism for handling the eD and eP linkage is through the prescription item ID that can be used by the prescribing system or provider to identify the prescription to which it belongs. (see section 12.1.3.4.8 Related prescription item).

Moreover the eD document SHALL refer the prescription ID using the InFulfillmentOf relationship. Please note that the target order.id attribute IS NOT the identifier of the document instance, but that of the prescription (as order).

Classification	CDA Header Level Template																																
Open/Closed	Open (other than defined elements are allowed)																																
Used by / Uses	<p>Used by 0 transactions and 7 templates, Uses 0 templates</p> <table border="1"> <thead> <tr> <th>Used by</th> <th>as</th> <th>Name</th> <th>Version</th> </tr> </thead> <tbody> <tr> <td>1.3.6.1.4.1.12559.11.10.1.3.1.1.1</td> <td>Include</td> <td> epSOS-ePrescription</td> <td>2013-12-20</td> </tr> <tr> <td>1.3.6.1.4.1.12559.11.10.1.3.1.1.2</td> <td>Include</td> <td> epSOS-eDispensation</td> <td>2013-12-20</td> </tr> <tr> <td>1.3.6.1.4.1.12559.11.10.1.3.1.1.3</td> <td>Include</td> <td> epSOS-Patient Summary</td> <td>2013-12-20</td> </tr> <tr> <td>1.3.6.1.4.1.12559.11.10.1.3.1.1.4</td> <td>Include</td> <td> epSOS-Health Care Encounter Report</td> <td>2013-12-20</td> </tr> <tr> <td>1.3.6.1.4.1.12559.11.10.1.3.1.1.5</td> <td>Include</td> <td> epSOS-Medication Related Overview</td> <td>2013-12-20</td> </tr> <tr> <td>1.3.6.1.4.1.12559.11.10.1.3.1.1.6</td> <td>Include</td> <td> eHDSI-ePrescription PDF embedded</td> <td>2017-03-11 22:32:59</td> </tr> <tr> <td>1.3.6.1.4.1.12559.11.10.1.3.1.1.7</td> <td>Include</td> <td> eHDSI-Patient Summary PDF embedded</td> <td>2017-03-11 18:41:31</td> </tr> </tbody> </table>	Used by	as	Name	Version	1.3.6.1.4.1.12559.11.10.1.3.1.1.1	Include	 epSOS-ePrescription	2013-12-20	1.3.6.1.4.1.12559.11.10.1.3.1.1.2	Include	 epSOS-eDispensation	2013-12-20	1.3.6.1.4.1.12559.11.10.1.3.1.1.3	Include	 epSOS-Patient Summary	2013-12-20	1.3.6.1.4.1.12559.11.10.1.3.1.1.4	Include	 epSOS-Health Care Encounter Report	2013-12-20	1.3.6.1.4.1.12559.11.10.1.3.1.1.5	Include	 epSOS-Medication Related Overview	2013-12-20	1.3.6.1.4.1.12559.11.10.1.3.1.1.6	Include	 eHDSI-ePrescription PDF embedded	2017-03-11 22:32:59	1.3.6.1.4.1.12559.11.10.1.3.1.1.7	Include	 eHDSI-Patient Summary PDF embedded	2017-03-11 18:41:31
Used by	as	Name	Version																														
1.3.6.1.4.1.12559.11.10.1.3.1.1.1	Include	 epSOS-ePrescription	2013-12-20																														
1.3.6.1.4.1.12559.11.10.1.3.1.1.2	Include	 epSOS-eDispensation	2013-12-20																														
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1.3.6.1.4.1.12559.11.10.1.3.1.1.7	Include	 eHDSI-Patient Summary PDF embedded	2017-03-11 18:41:31																														
Relationship	Specialization: template 2.16.840.1.113883.10.12.111 (2005-09-07)																																
Example	<p>Example of national document identified by its ID</p> <pre><relatedDocument typeCode="XFRM"> <parentDocument> <id root="aa-bb-cc"/> </parentDocument> </relatedDocument></pre>																																
Example	<p>Example of append relationship</p> <pre><relatedDocument typeCode="APND"> <parentDocument> <id root="aa1-bb1-cc1"/> </parentDocument> </relatedDocument></pre>																																
	<p>There is an open issue with this item:</p> <ul style="list-style-type: none"> epsos-issue-209: <i>Constraint applied to relatedDocument</i> (Open) 																																

Item	DT	Card	Conf	Description	Label
h17:relatedDocument		0 ... *	R		(epS... ent)
└ @typeCode	cs	1 ... 1	R		
	CONF			The value of @typeCode shall be drawn from value set 2.16.840.1.113883.1.11.11610 <i>x_ActRelationshipDocument</i> (DYNAMIC)	
└ h17:parentDocument		1 ... 1	R		(epS... ent)
└ @classCode		0 ... 1	F	DOCCLIN	
└ @moodCode		0 ... 1	F	EVN	
└ h17:id	II.EPSOS	1 ... *	R		(epS... ent)
└ h17:code	CD.EPSOS	0 ... 1	R		(epS... ent)
└ @codeSystem	CONF	0 ... 1	F	2.16.840.1.113883.6.1 (LOINC)	
└ h17:text	ED	0 ... 1	R		(epS... ent)
└ h17:setId	II.EPSOS	0 ... 1	R		(epS... ent)
└ h17:versionNumber	INT	0 ... 1	R		(epS... ent)

7.2.64  epSOS CDA setId 2.16.840.1.113883.3.1937.777.11.10.108 - 2013-12-20

Id	2.16.840.1.113883.3.1937.777.11.10.108	Effective Date	2013-12-20
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Status	Active	Version Label	
Name	epSOSCDASetId	Display Name	epSOS CDA setId
Open/Closed	Open (other than defined elements are allowed)		
Used by / Uses	Used by 0 transactions and 7 templates, Uses 0 templates		
	Used by	as	Name
	1.3.6.1.4.1.12559.11.10.1.3.1.1.1	Include	epSOS-ePrescription
	1.3.6.1.4.1.12559.11.10.1.3.1.1.2	Include	epSOS-eDispensation
	1.3.6.1.4.1.12559.11.10.1.3.1.1.3	Include	epSOS-Patient Summary
	1.3.6.1.4.1.12559.11.10.1.3.1.1.4	Include	epSOS-Health Care Encounter Report
	1.3.6.1.4.1.12559.11.10.1.3.1.1.5	Include	epSOS-Medication Related Overview
1.3.6.1.4.1.12559.11.10.1.3.1.1.6	Include	eHDSI-ePrescription PDF embedded	
1.3.6.1.4.1.12559.11.10.1.3.1.1.7	Include	eHDSI-Patient Summary PDF embedded	

Item	DT	Card	Conf	Description	Label
h17:setId			R	This attribute “represents an identifier that is common across all document revisions”. In the case of the NCP transcoding /translation this is the ID that remains unchanged among all the existing transformations. Implementers are recommended to use this attribute.	(epS ... tid)

7.2.65 epSOS Related Prescription Item 2.16.840.1.113883.3.1937.777.11.10.144 - 2013-12-20

Id	2.16.840.1.113883.3.1937.777.11.10.144	Effective Date	2013-12-20
Status	Active	Version Label	
Name	epSOSRelatedPrescriptionItem	Display Name	epSOS Related Prescription Item
Classification	CDA Entry Level Template		

Open/Closed	Open (other than defined elements are allowed)																														
	Used by 0 transactions and 3 templates, Uses 0 templates																														
Used by / Uses	<table border="1"> <thead> <tr> <th>Used by</th> <th>as</th> <th>Name</th> <th>Version</th> </tr> </thead> <tbody> <tr> <td>1.3.6.1.4.1.12559.11.10.1.3.1.3.3</td> <td>Containment</td> <td> epSOS CDA Supply</td> <td>2013-12-20</td> </tr> <tr> <td>1.3.6.1.4.1.12559.11.10.1.3.1.2.2</td> <td></td> <td> Section Dispensation</td> <td>2013-12-20</td> </tr> <tr> <td>1.3.6.1.4.1.12559.11.10.1.3.1.1.2</td> <td></td> <td> epSOS-eDispensation</td> <td>2013-12-20</td> </tr> </tbody> </table>	Used by	as	Name	Version	1.3.6.1.4.1.12559.11.10.1.3.1.3.3	Containment	epSOS CDA Supply	2013-12-20	1.3.6.1.4.1.12559.11.10.1.3.1.2.2		Section Dispensation	2013-12-20	1.3.6.1.4.1.12559.11.10.1.3.1.1.2		epSOS-eDispensation	2013-12-20														
Used by	as	Name	Version																												
1.3.6.1.4.1.12559.11.10.1.3.1.3.3	Containment	epSOS CDA Supply	2013-12-20																												
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1.3.6.1.4.1.12559.11.10.1.3.1.1.2		epSOS-eDispensation	2013-12-20																												
Relationship	Specialization: template 2.16.840.1.113883.10.12.308 (2005-09-07)																														
	<p>There is an open issue with this item:</p> <ul style="list-style-type: none"> epsos-issue-218: <i>substanceAdministration</i> maximum multiplicity (In Progress) 																														
<table border="1"> <thead> <tr> <th>Item</th> <th>DT</th> <th>Card</th> <th>Conf</th> <th>Description</th> <th>Label</th> </tr> </thead> <tbody> <tr> <td>h17:substanceAdministration</td> <td></td> <td>0 ... 1</td> <td>R</td> <td></td> <td>(epS ... tem)</td> </tr> <tr> <td>└ @classCode</td> <td>cs</td> <td>1 ... 1</td> <td>F</td> <td>SBADM</td> <td></td> </tr> <tr> <td>└ @moodCode</td> <td>cs</td> <td>1 ... 1</td> <td>F</td> <td>INT</td> <td></td> </tr> <tr> <td>└ h17:id</td> <td>II.EPSOS</td> <td>1 ... 1</td> <td>R</td> <td></td> <td>(epS ... tem)</td> </tr> </tbody> </table>		Item	DT	Card	Conf	Description	Label	h17:substanceAdministration		0 ... 1	R		(epS ... tem)	└ @classCode	cs	1 ... 1	F	SBADM		└ @moodCode	cs	1 ... 1	F	INT		└ h17:id	II.EPSOS	1 ... 1	R		(epS ... tem)
Item	DT	Card	Conf	Description	Label																										
h17:substanceAdministration		0 ... 1	R		(epS ... tem)																										
└ @classCode	cs	1 ... 1	F	SBADM																											
└ @moodCode	cs	1 ... 1	F	INT																											
└ h17:id	II.EPSOS	1 ... 1	R		(epS ... tem)																										

7.2.66 epSOS Patient Medication Instructions 1.3.6.1.4.1.19376.1.5.3.1.4.3 - 2013-12-20

Id	1.3.6.1.4.1.19376.1.5.3.1.4.3	Effective Date	2013-12-20
Status	Active	Version Label	
Name	epsosPatientMedicationInstructions	Display Name	epSOS Patient Medication Instructions
Description			

Any medication may be the subject of further instructions to the patient, for example to indicate that it should be taken with food, etc.

This structure is included in the target supply act using the <entryRelationship> element defined in the CDA Schema. The example below shows the recording of patient medication instruction for an <entry>, and is used as context for the following section.

Act classCode

```
<act classCode='ACT' moodCode='INT'>
```

The related statement is the intent (moodCode='INT') on how the related entry is to be performed.

Template Id root

```
<templateId root='2.16.840.1.113883.10.20.1.49' /> <templateId root='1.3.6.1.4.1.19376.1.5.3.1.4.3' />
```

These <templateId> elements identify this <act> as a medication instruction, allowing for validation of the content.

Code

```
<code code='PINSTRUCT' codeSystem='1.3.6.1.4.1.19376.1.5.3.2' codeSystemName='IHEActionCode' />
```

The <code> element indicates that this is a patient medication instruction. This element shall be recorded exactly as specified above.

Text-reference

```
<text><reference value='#comment' /></text>
```

The <text> element contains a free text representation of the instruction. This element SHALL contain a <reference> element to the link text of the comment in the narrative portion of the document. The comment itself is not the act being coded, so it appears in the <text> of the <observation>, not as part of the <code>.

Status Code

```
<statusCode code='completed' />
```

The code attribute of <statusCode> for all comments must be completed.

Context	Parent nodes of template element with id 1.3.6.1.4.1.19376.1.5.3.1.4.3		
Classification	CDA Entry Level Template		
Open/Closed	Open (other than defined elements are allowed)		
Used by / Uses	Used by 0 transactions and 3 templates, Uses 0 templates		
	Used by	as	Name
			Version

	1.3.6.1.4.1.12559.11.10.1.3.1.3.2	Containment		epSOS CDA substanceAdministration	2013-12-20
	1.3.6.1.4.1.12559.11.10.1.3.1.2.1			Section Prescription	2013-12-20
	1.3.6.1.4.1.12559.11.10.1.3.1.1.1			epSOS-ePrescription	2013-12-20

Relationship Specialization: template 2.16.840.1.113883.10.12.301 (2005-09-07)

Example

```

<entry>
  <supply classCode="SPLY" moodCode="EVN">
    <!-- ... -->
    <entryRelationship typeCode="SUBJ" inversionInd="true">
      <act classCode="ACT" moodCode="INT">
        <templateId root="2.16.840.1.113883.10.20.1.49"/>
        <templateId root="1.3.6.1.4.1.19376.1.5.3.1.4.3"/>
        <code code="PINSTRUCT" codeSystem="1.3.6.1.4.1.19376.1.5.3.2" codeSystemName="IHEActCode"/>
        <text>
          <reference value="#comment-2"/>
        </text>
        <statusCode code="completed"/>
      </act>
    </entryRelationship>
    <!-- ... -->
  </supply>
</entry>

```

Item	DT	Card	Conf	Description	Label
h17:act		0 ... *	R		(eps... ons)
└ @classCode		1 ... 1	F	ACT	
└ @moodCode		1 ... 1	F	INT	

Item	DT	Card	Conf	Description	Label
└ h17:templateId	II.EPSOS	1 ... 1	R		(eps... ons)
└ @root		1 ... 1	F	2.16.840.1.113883.10.20.1.49	
└ h17:templateId		1 ... 1	M		(eps... ons)
└ @root		1 ... 1	F	1.3.6.1.4.1.19376.1.5.3.1.4.3	
└ h17:code	CD.EPSOS	1 ... 1	R		(eps... ons)
└ @code		0 ... 1	F	PINSTRUCT	
└ @codeSystem	CONF	0 ... 1	F	1.3.6.1.4.1.19376.1.5.3.2 (IHEActCode Vocabulary)	
└ h17:text	ED	0 ... 1	R		(eps... ons)
└ h17:reference	TEL	1 ... 1	M		(eps... ons)
└ @value		1 ... 1	R	Reference pointing to the narrative, typically #{label}-{generated-id}, e.g. #xxx-1	
└ h17:statusCode	CS	0 ... 1	R		(eps... ons)
└ @code	CONF	0 ... 1	F	completed	

7.2.67  OpenMed ManufacturedProduct 2.16.840.1.113883.3.1937.777.11.10.146 - 2016-05-10 22:32:31

Id	2.16.840.1.113883.3.1937.777.11.10.146	Effective Date	2016-05-10 22:32:31
-----------	--	-----------------------	---------------------

Status	 Active	Version Label	
Name	openMedManufacturedProduct	Display Name	OpenMed ManufacturedProduct

Description

< this template is currently used for demonstration purposes for the OpenMedicine preoject >


Template CDA ManufacturedProduct (prototype, directly derived from POCP_RM010100UV) The medicine entry content module describes a medication used in a <substanceAdministration> or <supply> act. This the structure of the HL7 V3 R_ProductListed Common Message Element (CMET), Release 2.

This structure is part of the HL7 V3 2015 Normative Edition (COCT_RM230100UV). The incorporation of this structure is done according to section 1.4 CDA Extensibility of the HL7 CDA standard. Such an exten base CDA standard is an accepted practice in IHE (e.g. in the XD* Lab specification).

The rules of section 1.4 CDA Extensibility require the designation of a new XML namespace for the XML elements in this structure. For the purposes of documentation, the namespace urn:epsos-org:ep:medication sl *< change the namespace >*

The following specification and constraints are applied to the structures of the CMET.

The example uses Pyrimon, Chloramphenicol/ Dexamethasone 1% w/v/ 0.1% w/v 5 ml Eye Drops as the medication. The structure is further explained in the following subsections.

Classification	CDA Entry Level Template			
Open/Closed	Open (other than defined elements are allowed)			
Used by / Uses	Used by 0 transactions and 0 templates, Uses 1 template			
	Uses	as	Name	Version
	2.16.840.1.113883.3.1937.777.11.10.147	Include	 OpenMed Material	DYNAMIC
Relationship	Specialization: template 2.16.840.1.113883.10.12.312 (2005-09-07)			
Example	Example			

```

<hl7:manufacturedProduct classCode="MANU">

  <!-- OpenMedicine experimental template -->

  <hl7:templateId root="2.16.840.1.113883.3.1937.777.11.10.146"/>
  <!-- Medicinal Product -->

  <hl7:manufacturedMaterial classCode="MMAT" determinerCode="KIND">

    <!-- MP ID -->

    <!-- The values and the OID used are not real and used only for exemplification purposes -->

    <hl7:code codeSystem="2.16.840.1.113883.3.1937.777.11.10.146.99.99.1" code="MPID_123" displayName="Pyrimon" CodeSystemName="MP ID" />
    <hl7:name>Pyrimon</hl7:name>
    <cpm:formCode codeSystem="1.3.6.1.4.1.12559.11.10.1.3.1.44.1" code="10604000" displayName="Eye drops, solution" CodeSystemName="MP ID" />
    <cpm:asContent>

      <!-- this is the way SPL provide the quantity ... TO BE CHECKED -->

      <cpm:quantity xsi:type="PQ" value="5" unit="ml"/>
      <!-- Packaged Medicinal Product (PC) -->

      <cpm:containerPackagedProduct>

        <!-- PC ID-->

        <!-- The values and the OID used are not real and used only for exemplification purposes -->

        <cpm:code codeSystem="2.16.840.1.113883.3.1937.777.11.10.146.99.99.2" code="PCID_123" displayName="Pyrimon Eye Drops (Dexamethasone/Chloramphenicol) - 0.1%/1% (5ml)" CodeSystemName="PC EMA"/>
        <cpm:name>Pyrimon Eye Drops (Dexamethasone/Chloramphenicol) - 0.1%/1% (5ml)</cpm:name>
        <cpm:formCode codeSystem="1.3.6.1.4.1.12559.11.10.1.3.1.44.1" code="30008000" displayName="Bottle" CodeSystemName="EDQM"/>
        </cpm:containerPackagedProduct>
      </cpm:asContent>
      <cpm:asSpecializedKind classCode="GRIC">

        <!-- Pharmaceutical Substance (ATC Code)-->

        <cpm:generalizedMaterialKind classCode="MMAT">

          <!-- Pharmaceutical Substance (ATC Code)-->

          <cpm:code code="S01CA01" codeSystem="2.16.840.1.113883.6.73" displayName="Dexamethasone and antiinfectives" codeSystemName="ATC"/>
        </cpm:generalizedMaterialKind>
      </cpm:asSpecializedKind>
    </cpm:asSpecializedKind>

    <!-- Pharmaceutical Product (PhP)-->
  </hl7:manufacturedMaterial>
</hl7:manufacturedProduct>

```

```

<cpm:generalizedMaterialKind classCode="MMAT">
  <!-- PC ID (in this example PhPID level 3) -->
  <!-- The values and the OID used are not real and used only for exemplification purposes -->
  <cpm:code code="PhPID_123" codeSystem="2.16.840.1.113883.3.1937.777.11.10.146.99.99.3" displayName="Dexamethasone and Chloramphenicol eye drop" codeSystemName="PhP EMA"/>
  <cpm:name>Dexamethasone and Chloramphenicol eye drop</cpm:name>
</cpm:generalizedMaterialKind>
</cpm:asSpecializedKind>
<!-- List of active ingredients -->

<!-- Ingredient 1 : CHLORAMPHENICOL 1% w/v -->

<cpm:ingredient classCode="ACTI" determinerCode="KIND">

  <cpm:quantity>

    <!-- Strength 1% w/v -->

    <cpm:numerator unit="mg" value="10" xsi:type="PQ"/>
    <cpm:denominator unit="ml" value="1" xsi:type="PQ"/>
  </cpm:quantity>
  <!-- chloramphenicol -->

  <cpm:ingredientSubstance>

    <cpm:code codeSystem="2.16.840.1.113883.4.9" code="66974FR9Q1" displayName="CHLORAMPHENICOL" CodeSystemName="SRS"/>
    <cpm:name>CHLORAMPHENICOL</cpm:name>
  </cpm:ingredientSubstance>
</cpm:ingredient>
<!-- Ingredient 2 : DEXAMETHASONE 0.1% w/v -->

<cpm:ingredient classCode="ACTI" determinerCode="KIND">

  <cpm:quantity>

    <!-- Strength 0.1% w/v -->

    <cpm:numerator unit="%" value="0.1" xsi:type="PQ"/>
    <cpm:denominator unit="ml" value="1" xsi:type="PQ"/>
  </cpm:quantity>
  <!-- chloramphenicol -->

  <cpm:ingredientSubstance>

    <cpm:code codeSystem="2.16.840.1.113883.4.9" code="7S5I7G3JQL" displayName="DEXAMETHASONE" CodeSystemName="SRS"/>
    <cpm:name>DEXAMETHASONE</cpm:name>
  </cpm:ingredientSubstance>
</cpm:ingredient>

```

```
<!-- This is the list of active ingredients -->
</h17:manufacturedMaterial>
</h17:manufacturedProduct>
```

Item	DT	Card	Conf	Description
h17:manufacturedProduct		0 ... *	R	
└ h17:templateId	IIEPSOS	1 ... 1	M	
└ @root	uid	1 ... 1	F	2.16.840.1.113883.3.1937.777.11.10.146
Included		0 ... 1		from 2.16.840.1.113883.3.1937.777.11.10.147 <i>OpenMed Material</i> (DYNAMIC)
└ h17:manufacturedMaterial		0 ... 1	R	This element describes the IDMP Medicinal Product.
└ @classCode	cs	1 ... 1	F	MMAT
└ @determinerCode	cs	1 ... 1	F	KIND

Example	<pre><h17:manufacturedMaterial> <!-- Example with all the IDMP Levels (PhPID,MPID, PCID) and other attributes used in epSOS (e.g. ingredients, ATC, strengths) --> <h17:code codeSystem="" code="MPID" displayName="" CodeSystemName="MP EMA"/> <h17:name>Medicinal Product Name</h17:name> <cpm:formCode codeSystem="1.3.6.1.4.1.12559.11.10.1.3.1.44.1" code="10219000" displayName="table CodeSystemName="EDQM"/> <cpm:asContent> <!-- Packaged Medicinal Product (PC) --> <cpm:containerPackagedProduct> <!-- PC ID--> <cpm:code codeSystem=" " code="PCID" displayName=" " /></pre>
---------	--

Item	DT	Card	Conf	Description
				<pre> <cpm:name>...</cpm:name> <cpm:formCode codeSystem="1.3.6.1.4.1.12559.11.10.1.3.1.44.1" code="" displayName="" CodeSystemName="EDQM"/> </cpm:containerPackagedProduct> </cpm:asContent> <cpm:asSpecializedKind classCode="GRIC"> <!-- Pharmaceutical Substance (ATC Code)--> <cpm:generalizedMaterialKind classCode="MMAT"> <!-- Pharmaceutical Substance (ATC Code)--> <cpm:code code=" " codeSystem="2.16.840.1.113883.6.73" displayName=" " codeSystemName="WHO A </cpm:generalizedMaterialKind> </cpm:asSpecializedKind> <cpm:asSpecializedKind> <!-- Pharmaceutical Product (PhP)--> <cpm:generalizedMaterialKind classCode="MMAT"> <cpm:code code="PhPID" codeSystem=" " displayName=" " codeSystemName="PhP EMA"/> <cpm:name>...</cpm:name> </cpm:generalizedMaterialKind> </cpm:asSpecializedKind> <!-- list of active ingredients --> <cpm:ingredient classCode="ACTI" determinerCode="KIND"> <cpm:quantity> <!-- strength --> <cpm:numerator unit="mg" value="20" xsi:type="PQ"/> <cpm:denominator unit="1" value="{tablet}" xsi:type="PQ"/> </cpm:quantity> <cpm:ingredientSubstance> <cpm:code codeSystem=" " code="SubstanceID" displayName=" " CodeSystemName="G-SRS"/> <cpm:name>...</cpm:name> </cpm:ingredientSubstance> </cpm:ingredient> </h17:manufacturedMaterial> </pre>
<p>└ h17:code</p>	<p>CE.EPSOS</p>	<p>0 ... 1</p>	<p>R</p>	<p>IDMP Medicinal Product ID (MPID)</p>

Item	DT	Card	Conf	Description
				<p>< used in of epSOS to convey the “Country A Cross-border/regional/national medicinal product code. ></p> <p>< REMOVE ? => In a CDA document, the <originalText> shall contain a <reference> whose URI value points to the generic name and strength of the medication in the narrative, or just the generic name alone if strength not relevant. ></p> <p>< ADD binding with the EMA MPID ></p>
<p>└ h17:name</p>	EN	0 ... 1	R	<p>IDMP Medicinal Product Name.</p> <p>The complete Medicinal Product Name as approved by the Medicines Regulatory Agency in a jurisdiction. The name may be applicable in one or more country/language combinations.</p> <p>< clarify if we should provide only the full name or also the parts ></p> <p>< In an epSOS ePrescription or eDispensation document, the <name> element should contain the brand name of the medication. [NB: check if this still applies..]></p>
<p>└ cpm:formCode</p>	CE.EPSOS	1 ... 1	R	<p>Pharmaceutical dose form.</p> <p>This code represents the form of the medication (e.g. tablet, capsule, liquid)</p>
	CONF			The value of @code shall be drawn from value set 1.3.6.1.4.1.12559.11.10.1.3.1.42.2 <i>epSOSDoseForm</i> (DYNAMIC)
	Example			<code><cpm:formCode code="10211000" codeSystem="1.3.6.1.4.1.12559.11.10.1.3.1.44.1" codeSystemName="EDQM" codeSystemVersion="2015" displayName="Capsule, soft">...</cpm:formCode></code>
<p>└ cpm:asContent</p>		0 ... *	R	This structure describes the packaging of the product.
<p>└ @classCode</p>	cs	1 ... 1	F	CONT
	Example			<code><cpm:asContent></code>

Item	DT	Card	Conf	Description
				<pre> <cpm:containerPackagedProduct> <!-- Inner Package --> <cpm:code codeSystem=" " code="" displayName=""/> <cpm:asContent> <cpm:containerPackagedProduct> <!-- Intermediate Package --> <cpm:asContent> <cpm:containerPackagedProduct> <!-- Outer Package / Packaged Medicinal Product --> </cpm:containerPackagedProduct> </cpm:asContent> </cpm:containerPackagedProduct> </cpm:asContent> </cpm:containerPackagedProduct> </cpm:asContent> </pre>
	Example			<pre> <cpm:asContent> <cpm:containerPackagedProduct> <!-- Packaged Medicinal Product --> <cpm:code codeSystem=" " code="MPID" displayName="MP name"/> <cpm:name>.</cpm:name> <cpm:formCode codeSystem="1.3.6.1.4.1.12559.11.10.1.3.1.44.1" code=".." displayName="MP name" CodeSystemName="EDQM"/> </cpm:containerPackagedProduct> </cpm:asContent> </pre>
<p>└ cpm:containerPackagedProduct</p>		1 ... *	R	<p>It shall be used for describing the IDMP Packaged Medicinal Product and - when needed - the Package Item.</p> <p>The most inner (nested) item represent the most outer package item.</p> <p>The presence of the PCID indicates that that element represents the "Packaged Medicinal Product".</p> <p>If the package has a brand name, it can be described in the <name> element. [TO BE CHECKED]</p>

Item	DT	Card	Conf	Description
				[To be evaluated what to use or not the capacityQuantity the SPL uses the quantity element]
└ @classCode	cs	1 .. 1	F	CONT
└ @determinerCode	cs	1 .. 1	F	INSTANCE
└ cpm:code		0 .. 1		
└ cpm:name	ST	0 .. 1		Name of the Packaged Medicinal Product / Package Item
	Example	<cpm:name>...</cpm:name>		
└ cpm:formCode	CE.EPSOS	0 .. 1	R	
	CONF	The value of @code shall be drawn from value set 1.3.6.1.4.1.12559.11.10.1.3.1.42.2 <i>epSOSDoseForm</i> (DYNAMIC) or The value of @code shall be drawn from value set 1.3.6.1.4.1.12559.11.10.1.3.1.42.3 <i>epSOSPackage</i> (DYNAMIC)		
	Example	<cpm:formCode code="30007000" codeSystem="1.3.6.1.4.1.12559.11.10.1.3.1.44.1" codeSystemName="EDQM" codeSystemVersion="2010" displayName="Blister">...</cpm:formCode>		
└ cpm:capacityQuantity	PQ	1 .. 1	M	
└ @unit	cs	1 .. 1	R	
	CONF	The value of @unit shall be drawn from value set 1.3.6.1.4.1.12559.11.10.1.3.1.42.16 <i>epSOSUnits</i> (DYNAMIC)		
└ @value		1 .. 1	R	

Item	DT	Card	Conf	Description
	Example	<code><cpm:capacityQuantity unit="1" value="700">...</cpm:capacityQuantity></code>		
└ cpm:asContent		0 ... *	R	
└ @classCode	cs	1 ... 1	F	CONT
	Example	<pre> <cpm:asContent classCode="CONT"> <cpm:containerPackagedMedicine classCode="CONT" determinerCode="INSTANCE"> <cpm:name/> <cpm:formCode code=" " displayName=" " codeSystem=" " codeSystemName=" "/> <cpm:capacityQuantity value=" " unit=" "/> </cpm:containerPackagedMedicine> </cpm:asContent> </pre>		
└ cpm:containerPackagedProduct		1 ... *	R	Used in this context for describing the Packaged Medicinal Product and or the Packaged Medicinal Product Item
└ @classCode	cs	1 ... 1	F	CONT
└ @determinerCode	cs	1 ... 1	F	INSTANCE
	Example	<code><cpm:containerPackagedMedicine classCode="CONT" determinerCode="INSTANCE">...</cpm:containerPackagedMedicine></code>		
└ cpm:code		0 ... *		
└ cpm:name	ST	0 ... *	R	
	Example	<code><cpm:name>...</cpm:name></code>		
└ cpm:formCode	CE.EPSOS	1 ... 1	R	

Item	DT	Card	Conf	Description
	CONF			The value of @code shall be drawn from value set 1.3.6.1.4.1.12559.11.10.1.3.1.42.2 <i>epSOSDoseForm</i> (DYNAMIC) or The value of @code shall be drawn from value set 1.3.6.1.4.1.12559.11.10.1.3.1.42.3 <i>epSOSPackage</i> (DYNAMIC)
	Example			<code><cpm:formCode code="30007000" codeSystem="1.3.6.1.4.1.12559.11.10.1.3.1.44.1" codeSystemName="EDQM" codeSystemVersion="2010" displayName="Blister">...</cpm:formCode></code>
└ cpm:asContent		0 ... *	R	This structure describes the packaging of the medication. The <cpm:formCode> element provides the code of the particular package. If the package has a brand name, it can be described in the <cpm:name> element. The <cpm:capacityQuantity> element describes the capacity of the packaging. For example, to represent 30 tablets, the <cpm:formCode> element at the <manufacturedMaterial> level must indicate tablets as the form, value attribute of the <cpm:capacityQuantity> element must have the value of 30, and the unit attribute must be 1. In the cases where the unit attribute is not 1, UCUM units shall be used. The value set is epSOSUnits, OID 1.3.6.1.4.1.12559.11.10.1.3.1.42.16 and epSOSDoseForm, OID 1.3.6.1.4.1.12559.11.10.1.3.1.42.2.
└ @classCode	cs	1 ... 1	F	CONT
	Example			<code><cpm:asContent classCode="CONT"> <cpm:containerPackagedMedicine classCode="CONT" determinerCode="INSTANCE"> <cpm:name/> <cpm:formCode code=" " displayName=" " codeSystem=" " codeSystemName=" "/> <cpm:capacityQuantity value=" " unit=" "/> </cpm:containerPackagedMedicine> </cpm:asContent></code>
└ cpm:containerPackagedProduct		1 ... *	R	Used in this context for describing the Packaged Medicinal Product and or the Packaged Medicinal Product Item
└ @classCode	cs	1 ... 1	F	CONT
└ @determinerCode	cs	1 ... 1	F	INSTANCE
	Example			<code><cpm:containerPackagedMedicine classCode="CONT" determinerCode="INSTANCE">...</cpm:containerPackagedMedicine></code>
└ cpm:code		0 ... *		


Item	DT	Card	Conf	Description
└ cpm:name	ST	0 ... *	R	
	Example	<cpm:name>...</cpm:name>		
└ cpm:formCode	CE.EPSOS	1 ... 1	R	
	CONF	The value of @code shall be drawn from value set 1.3.6.1.4.1.12559.11.10.1.3.1.42.2 <i>epSOSDoseForm</i> (DYNAMIC) or The value of @code shall be drawn from value set 1.3.6.1.4.1.12559.11.10.1.3.1.42.3 <i>epSOSPackage</i> (DYNAMIC)		
	Example	<cpm:formCode code="30007000" codeSystem="1.3.6.1.4.1.12559.11.10.1.3.1.44.1" codeSystemName="EDQM" codeSystemVersion="2010" displayName="Blister">...</cpm:formCode>		
└ cpm:quantity	PQ	0 ... *		
└ cpm:asSpecializedKind		1 ... 1	R	This module is used for Representing the Pharmaceutical Substance according to the WHO Anatomical Therapeutic Chemical (ATC) Classification System . The <code> element contains the ATC code, the <name> element may be used for the plain text representation. The classCode of "GRIC" identifies this structure as the representation of a generic equivalent of the medication described in the current Medicine entry.
└ @classCode	cs	1 ... 1	F	GRIC
	Example	<cpm:asSpecializedKind classCode="GRIC"> <cpm:generalizedMaterialKind classCode="MMAT"> <!-- Pharmaceutical Substance (ATC Code)--> <cpm:code code=" " codeSystem="2.16.840.1.113883.6.73" displayName=" " codeSystemName="WHO ATC Code Classification System"> </cpm:generalizedMaterialKind> </cpm:asSpecializedKind>		
└ cpm:generalizedMaterialKind			R	

Item	DT	Card	Conf	Description
└ @classCode	cs	1 .. 1	F	MMAT
└ cpm:code	CD.EPSOS	1 .. 1	R	
└ @codeSystem	CONF	0 .. 1	F	2.16.840.1.113883.6.73 (WHO ATC)
	Example	<code><cpm:code codeSystem="2.16.840.1.113883.6.73" code=" " displayName=" " codeSystemName="WHO ATC"/></code>		
└ cpm:name		0 .. 1	R	
└ cpm:asSpecializedKind		0 .. *	R	This module can be used to represent the Pharmaceutical Product (Ids Set) The Medicinal Product can be classified according to various classification systems, which may be jurisdictional or international. The classification system itself is specified using an appropriate identification system; the controlled term and the controlled term identifier shall be specified.
└ @classCode	cs	1 .. 1	F	GRIC
	Example	<pre> <cpm:asSpecializedKind classCode="GRIC"> <cpm:generalizedMaterialKind classCode="MMAT"> <cpm:code code=" " codeSystem=" " displayName=" " codeSystemName="WHO ATC"/> <cpm:name/> </cpm:generalizedMaterialKind> </cpm:asSpecializedKind> </pre>		
└ cpm:generalizedMaterialKind			R	
└ @classCode	cs	1 .. 1	F	MMAT

Item	DT	Card	Conf	Description
└ cpm:code	CD.EPSOS	1 .. 1	R	IDMP PhP Id. The level and the startum of the PhPID is distinguished by the codeSystem OID <i><to be verified></i>
└ cpm:name		0 .. 1	R	
└ cpm:ingredient		0 .. *	R	<p>This module provides the list of active ingredients used for this product. One or more active ingredients may be present.</p> <p>The classCode of "ACTI" indicates that this is an active ingredient.</p> <p><i>Note: In this version the Pharmaceutical Substance ATC is no more provided as an ingredient but as a classCode element (asSpecializedKind.generalizedMaterialKind.code element).</i></p>
└ @classCode	cs	1 .. 1	F	ACTI
└ @determinerCode	cs	1 .. 1	F	KIND
	Example	<code><cpm:ingredient classCode="ACTI">...</cpm:ingredient></code>		
└ cpm:quantity		1 .. 1	M	The medication strength is represented as the ratio of the active ingredient(s) to a unit of medication. The <quantity> element contains the numerator and denominator of the strength ratio.
	Example	<code><cpm:quantity>...</cpm:quantity></code>		
└ cpm:numerator	PQ	1 .. 1	R	
└ @unit	cs	1 .. 1	R	
└ @value		1 .. 1	R	

Item	DT	Card	Conf	Description
	Example	<code><cpm:numerator unit="mg" value="20" xsi:type="PQ">...</cpm:numerator></code>		
└ cpm:denominator	PQ	1 ... 1	R	
└ @unit	cs	1 ... 1	R	
└ @value		1 ... 1	R	
	Example	<code><cpm:denominator unit="1" value="1" xsi:type="PQ">...</cpm:denominator></code>		
└ cpm:ingredientSubstance		1 ... 1	R	Active ingredient used for this product. The <code><code></code> element contains the coded representation of the ingredient and the <code><name></code> element may be used for the plain text representation.
└ cpm:code		1 ... 1	R	Identifier of the substance. <code><binding with the vocabulary to be added likely the G-SRS (2.16.840.1.113883.3.1937.777.11.10.147 - 2016-05-10 22:43:03)></code> SRS OID>
└ cpm:name		0 ... 1		Name of the substance

7.2.68 OpenMed Material 2.16.840.1.113883.3.1937.777.11.10.147 - 2016-05-10 22:43:03

Id	2.16.840.1.113883.3.1937.777.11.10.147	Effective Date	2016-05-10 22:43:03
Status	 Active	Version Label	
Name	openMedMaterial	Display Name	OpenMed Material

Description

This Template maps the IDMP (PhP, MP and PC) and other identifiers and attributes proposed by the Open Medicine project into a CDA compliant structure.

This is done using CDA extensions derived by the Common Product Model CMET R2.

It is an experimental version intended to be used for the Openmedicine Project

Classification	CDA Entry Level Template		
Open/Closed	Open (other than defined elements are allowed)		
Used by / Uses	Used by 0 transactions and 1 template, Uses 0 templates		
	Used by	as	Name
	2.16.840.1.113883.3.1937.777.11.10.146	Include	OpenMed ManufacturedProduct
			Version
			2016-05-10 22:32:31

Relationship Generalization: template 2.16.840.1.113883.10.12.311 (2005-09-07)

Item	DT	Card	Conf	Description	La
h17:manufacturedMaterial		0 ... 1	R	This element describes the IDMP Medicinal Product.	(OP ... ial)
└ @classCode	cs	1 ... 1	F	MMAT	
└ @determinerCode	cs	1 ... 1	F	KIND	
	Example	<pre> <h17:manufacturedMaterial> <!-- Example with all the IDMP Levels (PhPID,MPID, PCID) and other attributes used in epSOS (e.g. ingredients, ATC, strengths) --> <h17:code codeSystem="" code="MPID" displayName="" CodeSystemName="MP EMA"/> <h17:name>Medicinal Product Name</h17:name> <cpm:formCode codeSystem="1.3.6.1.4.1.12559.11.10.1.3.1.44.1" code="10219000" displayName="tablet" CodeSystemName="EDQM"/> <cpm:asContent> <!-- Packaged Medicinal Product (PC) --> <cpm:containerPackagedProduct> <!-- PC ID--> <cpm:code codeSystem=" " code="PCID" displayName=" "/> <cpm:name>...</cpm:name> <cpm:formCode codeSystem="1.3.6.1.4.1.12559.11.10.1.3.1.44.1" code="" displayName="" CodeSystemName="EDQM"/> </cpm:containerPackagedProduct> </cpm:asContent> <cpm:asSpecializedKind classCode="GRIC"> </pre>			

Item	DT	Card	Conf	Description	La
				<pre> <!-- Pharmaceutical Substance (ATC Code)--> <cpm:generalizedMaterialKind classCode="MMAT"> <!-- Pharmaceutical Substance (ATC Code)--> <cpm:code code=" " codeSystem="2.16.840.1.113883.6.73" displayName=" " codeSystemName="WHO ATC"/> </cpm:generalizedMaterialKind> </cpm:asSpecializedKind> <cpm:asSpecializedKind> <!-- Pharmaceutical Product (PhP)--> <cpm:generalizedMaterialKind classCode="MMAT"> <cpm:code code="PhPID" codeSystem=" " displayName=" " codeSystemName="PhP EMA"/> <cpm:name>...</cpm:name> </cpm:generalizedMaterialKind> </cpm:asSpecializedKind> <!-- list of active ingredients --> <cpm:ingredient classCode="ACTI" determinerCode="KIND"> <cpm:quantity> <!-- strength --> <cpm:numerator unit="mg" value="20" xsi:type="PQ"/> <cpm:denominator unit="1" value="{tablet}" xsi:type="PQ"/> </cpm:quantity> <cpm:ingredientSubstance> <cpm:code codeSystem=" " code="SubstanceID" displayName=" " CodeSystemName="G-SRS"/> <cpm:name>...</cpm:name> </cpm:ingredientSubstance> </cpm:ingredient> </h17:manufacturedMaterial> </pre>	
<p>└ h17:code</p>	<p>CE.EPSOS</p>	<p>0 .. 1</p>	<p>R</p>	<p>IDMP Medicinal Product ID (MPID)</p> <p>< used in of epSOS to convey the “Country A Cross-border/regional/national medicinal product code. ></p> <p>< REMOVE ? => In a CDA document, the <originalText> shall contain a <reference> whose URI value</p>	<p>(op ... ial)</p>

Item	DT	Card	Conf	Description	La
				points to the generic name and strength of the medication in the narrative, or just the generic name alone if strength is not relevant. > < ADD binding with the EMA MPID >	
└ h17:name	EN	0 ... 1	R	IDMP Medicinal Product Name. The complete Medicinal Product Name as approved by the Medicines Regulatory Agency in a jurisdiction. The name may be applicable in one or more country/language combinations. < clarify if we should provide only the full name or also the parts > < In an epSOS ePrescription or eDispensation document, the <name> element should contain the brand name of the medication. [NB: check if this still applies..]>	(OP ... ial)
└ cpm:formCode	CE.EPSOS	1 ... 1	R	Pharmaceutical dose form. This code represents the form of the medication (e.g. tablet, capsule, liquid)	(OP ... ial)
	CONF			The value of @code shall be drawn from value set 1.3.6.1.4.1.12559.11.10.1.3.1.42.2 <i>epSOSDoseForm</i> (DYNAMIC)	
	Example			<code><cpm:formCode code="10211000" codeSystem="1.3.6.1.4.1.12559.11.10.1.3.1.44.1" codeSystemName="EDQM" codeSystemVersion="2015" displayName="Capsule, soft">...</cpm:formCode></code>	
└ cpm:asContent		0 ... *	R	This structure describes the packaging of the product.	(OP ... ial)
└ @classCode	cs	1 ... 1	F	CONT	
	Example			<code><cpm:asContent> <cpm:containerPackagedProduct> <!-- Inner Package --></code>	

Item	DT	Card	Conf	Description	La
				<pre> <cpm:code codeSystem=" " code="" displayName=""/> <cpm:asContent> <cpm:containerPackagedProduct> <!-- Intermediate Package --> <cpm:asContent> <cpm:containerPackagedProduct> <!-- Outer Package / Packaged Medicinal Product --> </cpm:containerPackagedProduct> </cpm:asContent> </cpm:containerPackagedProduct> </cpm:asContent> <cpm:asContent> <cpm:containerPackagedProduct> <!-- Packaged Medicinal Product --> <cpm:code codeSystem=" " code="MPID" displayName="MP name"/> <cpm:name>..</cpm:name> <cpm:formCode codeSystem="1.3.6.1.4.1.12559.11.10.1.3.1.44.1" code=".." displayName="MP name" CodeSystemName="EDQM"/> </cpm:containerPackagedProduct> </cpm:asContent> </pre>	
<p>└ cpm:containerPackagedProduct</p>	<p>Example</p>	<p>1 ... * R</p>		<p>It shall be used for describing the IDMP Packaged Medicinal Product and - when needed - the Package Items.</p> <p>The most inner (nested) item represent the most outer package item.</p> <p>The presence of the PCID indicates that that element represents the "Packaged Medicinal Product".</p> <p>If the package has a brand name, it can be described in the <name> element. [TO BE CHECKED]</p> <p>[To be evaluated what to use or not the capacityQuantity the SPL uses the quantity element]</p>	<p>(OP ... ial)</p>

Item	DT	Card	Conf	Description	La
└ @classCode	cs	1 .. 1	F	CONT	
└ @determinerCode	cs	1 .. 1	F	INSTANCE	
└ cpm:code		0 .. 1			(op ... ial)
└ cpm:name	ST	0 .. 1		Name of the Packaged Medicinal Product / Package Item	(op ... ial)
	Example	<cpm:name>...</cpm:name>			
└ cpm:formCode	CE.EPSOS	0 .. 1	R		(op ... ial)
	CONF	The value of @code shall be drawn from value set 1.3.6.1.4.1.12559.11.10.1.3.1.42.2 <i>epSOSDoseForm</i> (DYNAMIC) or The value of @code shall be drawn from value set 1.3.6.1.4.1.12559.11.10.1.3.1.42.3 <i>epSOSPackage</i> (DYNAMIC)			
	Example	<cpm:formCode code="30007000" codeSystem="1.3.6.1.4.1.12559.11.10.1.3.1.44.1" codeSystemName="EDQM" codeSystemVersion="2010" displayName="Blister">...</cpm:formCode>			
└ cpm:capacityQuantity	PQ	1 .. 1	M		(op ... ial)
└ @unit	cs	1 .. 1	R		
	CONF	The value of @unit shall be drawn from value set 1.3.6.1.4.1.12559.11.10.1.3.1.42.16 <i>epSOSUnits</i> (DYNAMIC)			
└ @value		1 .. 1	R		
	Example	<cpm:capacityQuantity unit="1" value="700">...</cpm:capacityQuantity>			
└ cpm:asContent		0 .. *	R		(op ... ial)

Item	DT	Card	Conf	Description	La
└ @classCode	cs	1 .. 1	F	CONT	ial)
	Example	<pre><cpm:asContent classCode="CONT"> <cpm:containerPackagedMedicine classCode="CONT" determinerCode="INSTANCE"> <cpm:name/> <cpm:formCode code=" " displayName=" " codeSystem=" " codeSystemName=" "/> <cpm:capacityQuantity value=" " unit=" "/> </cpm:containerPackagedMedicine> </cpm:asContent></pre>			
└ cpm:containerPackagedProduct		1 .. *	R	Used in this context for describing the Packaged Medicinal Product and or the Packaged Medicinal Product Item	(op ... ial)
└ @classCode	cs	1 .. 1	F	CONT	
└ @determinerCode	cs	1 .. 1	F	INSTANCE	
	Example	<pre><cpm:containerPackagedMedicine classCode="CONT" determinerCode="INSTANCE">...</cpm:containerPackagedMedicine></pre>			
└ cpm:code		0 .. *			(op ... ial)
└ cpm:name	ST	0 .. *	R		(op ... ial)
	Example	<pre><cpm:name>...</cpm:name></pre>			
└ cpm:formCode	CE.EPSOS	1 .. 1	R		(op ... ial)
	CONF	The value of @code shall be drawn from value set 1.3.6.1.4.1.12559.11.10.1.3.1.42.2 epSOSDoseForm (DYNAMIC) or			

Item	DT	Card	Conf	Description	La
				The value of @code shall be drawn from value set 1.3.6.1.4.1.12559.11.10.1.3.1.42.3 <i>epSOSPackage</i> (DYNAMIC)	
	Example			<code><cpm:formCode code="30007000" codeSystem="1.3.6.1.4.1.12559.11.10.1.3.1.44.1" codeSystemName="EDQM" codeSystemVersion="2010" displayName="Blister">...</cpm:formCode></code>	
└ cpm:asContent		0 ... *	R	This structure describes the packaging of the medication. The <cpm:formCode> element provides the code for the particular package. If the package has a brand name, it can be described in the <cpm:name> element.. The <cpm:capacityQuantity> element described the capacity of the packaging. For example, to represent 30 tablets, the <cpm:formCode> element at the <manufacturedMaterial> level must indicate tablets as the form, value attribute of the <cpm:capacityQuantity> element must have the value of 30, and the unit attribute must be 1. In the cases where the unit attribute is not 1, UCUM units shall be used. The value set is epSOSUnits, OID 1.3.6.1.4.1.12559.11.10.1.3.1.42.16 and epSOSDoseForm, OID 1.3.6.1.4.1.12559.11.10.1.3.1.42.2.	(op ... ial)
└ @classCode	cs	1 ... 1	F	CONT	
	Example			<code><cpm:asContent classCode="CONT"> <cpm:containerPackagedMedicine classCode="CONT" determinerCode="INSTANCE"> <cpm:name/> <cpm:formCode code=" " displayName=" " codeSystem=" " codeSystemName=" "/> <cpm:capacityQuantity value=" " unit=" "/> </cpm:containerPackagedMedicine> </cpm:asContent></code>	
└ cpm:containerPackagedProduct		1 ... *	R	Used in this context for describing the Packaged Medicinal Product and or the Packaged Medicinal Product Item	(op ... ial)
└ @classCode	cs	1 ... 1	F	CONT	
└ @determinerCode	cs	1 ... 1	F	INSTANCE	
	Example			<code><cpm:containerPackagedMedicine classCode="CONT" determinerCode="INSTANCE">...</cpm:containerPackagedMedicine></code>	
└ cpm:code		0 ... *			(op ... ial)
└ cpm:name	ST	0 ... *	R		(op

Item	DT	Card	Conf	Description	La
					...
	Example			<code><cpm:name>...</cpm:name></code>	ial)
└ cpm:formCode	CE.EPSOS	1 ... 1	R		(op ... ial)
	CONF			The value of @code shall be drawn from value set 1.3.6.1.4.1.12559.11.10.1.3.1.42.2 <i>epSOSDoseForm</i> (DYNAMIC) or The value of @code shall be drawn from value set 1.3.6.1.4.1.12559.11.10.1.3.1.42.3 <i>epSOSPackage</i> (DYNAMIC)	
	Example			<code><cpm:formCode code="30007000" codeSystem="1.3.6.1.4.1.12559.11.10.1.3.1.44.1" codeSystemName="EDQM" codeSystemVersion="2010" displayName="Blister">...</cpm:formCode></code>	
└ cpm:quantity	PQ	0 ... *			(op ... ial)
└ cpm:asSpecializedKind		1 ... 1	R	This module is used for Representing the Pharmaceutical Substance according to the WHO Anatomical Therapeutic Chemical (ATC) Classification System . The <code> element contains the ATC code, the <name> element may be used for the plain text representation. The classCode of "GRIC" identifies this structure as the representation of a generic equivalent of the medication described in the current Medicine entry.	(op ... ial)
└ @classCode	cs	1 ... 1	F	GRIC	
	Example			<code><cpm:asSpecializedKind classCode="GRIC"> <cpm:generalizedMaterialKind classCode="MMAT"> <!-- Pharmaceutical Substance (ATC Code)--> <cpm:code code=" " codeSystem="2.16.840.1.113883.6.73" displayName=" " codeSystemName="WHO ATC"/> </cpm:generalizedMaterialKind> </cpm:asSpecializedKind></code>	
└ cpm:generalizedMaterialKind			R		(op ... ial)

Item	DT	Card	Conf	Description	La
└ @classCode	cs	1 ... 1	F	MMAT	ial)
└ cpm:code	CD.EPSOS	1 ... 1	R		(op ... ial)
└ @codeSystem	CONF	0 ... 1	F	2.16.840.1.113883.6.73 (WHO ATC)	
	Example	<code><cpm:code codeSystem="2.16.840.1.113883.6.73" code=" " displayName=" " codeSystemName="WHO ATC"/></code>			
└ cpm:name		0 ... 1	R		(op ... ial)
└ cpm:asSpecializedKind		0 ... *	R	This module can be used to represent the Pharmaceutical Product (Ids Set) The Medicinal Product can be classified according to various classification systems, which may be jurisdictional or international. The classification system itself is specified using an appropriate identification system; the controlled term and the controlled term identifier shall be specified.	(op ... ial)
└ @classCode	cs	1 ... 1	F	GRIC	
	Example	<code><cpm:asSpecializedKind classCode="GRIC"> <cpm:generalizedMaterialKind classCode="MMAT"> <cpm:code code=" " codeSystem=" " displayName=" " codeSystemName="WHO ATC"/> <cpm:name/> </cpm:generalizedMaterialKind> </cpm:asSpecializedKind></code>			
└ cpm:generalizedMaterialKind			R		(op ... ial)
└ @classCode	cs	1 ... 1	F	MMAT	
└ cpm:code	CD.EPSOS	1 ... 1	R	IDMP PHP Id. The level and the startum of the PhPID is distiguished by the codeSystem OID <i><to be verified></i>	(op ... ial)

Item	DT	Card	Conf	Description
└ cpm:name		0 ... 1	R	
└ cpm:ingredient		0 ... *	R	<p>This module provides the list of active ingredients used for this product. One or more active ingredients may be present.</p> <p>The classCode of "ACTI" indicates that this is an active ingredient.</p> <p><i>Note: In this version the Pharmaceutical Substance ATC is no more provided as an ingredient but as a class of products (asSpecializedKind.generalizedMaterialKind.code element).</i></p>
└ @classCode	cs	1 ... 1	F	ACTI
└ @determinerCode	cs	1 ... 1	F	KIND
Example		<code><cpm:ingredient classCode="ACTI">...</cpm:ingredient></code>		
└ cpm:quantity		1 ... 1	M	<p>The medication strength is represented as the ratio of the active ingredient(s) to a unit of medication. The <quantity> element contains the numerator and denominator of the strength ratio.</p>
Example		<code><cpm:quantity>...</cpm:quantity></code>		
└ cpm:numerator	PQ	1 ... 1	R	
└ @unit	cs	1 ... 1	R	
└ @value		1 ... 1	R	
Example		<code><cpm:numerator unit="mg" value="20" xsi:type="PQ">...</cpm:numerator></code>		


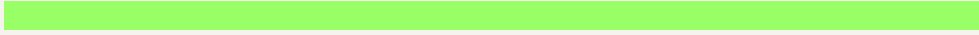

Item	DT	Card	Conf	Description	La	
└ cpm:denominator	PQ	1 ... 1	R		(OP ... ial)	
└ @unit	cs	1 ... 1	R			
└ @value		1 ... 1	R			
	Example	<code><cpm:denominator unit="1" value="1" xsi:type="PQ">...</cpm:denominator></code>				
└ cpm:ingredientSubstance		1 ... 1	R	Active ingredient used for this product. The <code><code></code> element contains the coded representation of the ingredient and the <code><name></code> element may be used for the plain text representation.	(OP ... ial)	
└ cpm:code		1 ... 1	R	Identifier of the substance. <code><binding with the vocabulary to be added likely the G-SRS (2.16.840.1.113883.4.9 SRS OID)></code>	(OP ... ial)	
└ cpm:name		0 ... 1		Name of the substance	(OP ... ial)	

8 Issues


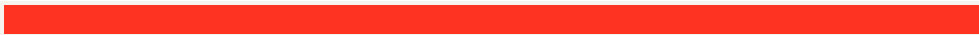

8.1 Issues already assigned

8.1.1 Currently assigned to: 7 (id Dr. Kai U. Heitmann)




8.1.2 (epsos-issue-39) Element Indication

Issue	Element Indication
Id	epsos-issue-39
Type	Change Request
Status	 Deferred, assigned
Priority	normal
Labels	 (M4) Milestone 4
Object(s)	Data element epsos-dataelement-143 "Dispense" from dataset "epSOS Data Set" 2013-05-30 Path to element: Clinical Data / Medication
Details	 Click here for all issue details




8.1.3 (epsos-issue-143) Defunct Link to Template SimpleObservation

Issue	Defunct Link to Template SimpleObservation
Id	epsos-issue-143
Type	Incident
Status	 Deferred, assigned
Priority	normal
Labels	 (M1) Milestone 1
Object(s)	Template Pregnancy Observation 1.3.6.1.4.1.19376.1.5.3.1.4.13.5 (2013-12-20)
Details	 Click here for all issue details




8.1.4 (epsos-issue-2) Add laparoscopic colectomy

Issue	Add laparoscopic colectomy
Id	epsos-issue-2
Type	For future consideration
Status	 Open, assigned
Priority	normal
Labels	 (M4) Milestone 4
Object(s)	Value set epsos-valueset2-10 (2013-06-03)
Details	 Click here for all issue details




8.1.5 (epsos-issue-99) Comment Author

Issue	Comment Author
Id	epsos-issue-99
Type	Clarification needed
Status	 Open, assigned
Priority	normal
Labels	 (TID) Template ID
Object(s)	Template Comment 1.3.6.1.4.1.19376.1.5.3.1.4.2 (2013-12-20)
Details	 Click here for all issue details



8.1.6 (epsos-issue-121) Name of Template Medicine & specialized templates

Issue	Name of Template Medicine & specialized templates
Id	epsos-issue-121
Type	Change Request
Status	 Open, assigned
Priority	normal
Labels	 (TID) Template ID
Object(s)	Template epSOS CDA ManufacturedProduct 1.3.6.1.4.1.12559.11.10.1.3.1.3.1 (2013-12-20)
Details	 Click here for all issue details

8.1.7 (epsos-issue-124) asSpecializedKind missing in Medication Summary Spec



Issue	asSpecializedKind missing in Medication Summary Spec
Id	epsos-issue-124
Type	Change Request
Status	 Open, assigned
Priority	normal
Labels	 (WJ) Changes Word/JIRA
Object(s)	Template epSOS CDA ManufacturedProduct 1.3.6.1.4.1.12559.11.10.1.3.1.3.1 (2013-12-20)
Details	 Click here for all issue details

8.1.8 (epsos-issue-137) change oid of the template included for the organizer



Issue	change oid of the template included for the organizer
Id	epsos-issue-137
Type	Change Request
Status	 Open, assigned
Priority	normal
Labels	 (TID) Template ID

Object(s)	Template Section Coded Vital Signs 1.3.6.1.4.1.19376.1.5.3.1.1.5.3.2 (2013-12-20)
Details	→ Click here for all issue details


8.1.9 (epsos-issue-188) Dosing-specific templates do not appear in template ID list

Issue	Dosing-specific templates do not appear in template ID list
Id	epsos-issue-188
Type	Change Request
Status	 Open, assigned
Priority	normal
Labels	 (TBA) To be approved
Object(s)	Template Medication Item 1.3.6.1.4.1.12559.11.10.1.3.1.3.4 (2013-12-20)
Details	→ Click here for all issue details

8.1.10 (epsos-issue-219) Constraints for custodian organization

Issue	Constraints for custodian organization
Id	epsos-issue-219
Type	Change Request
Status	 Open, assigned
Priority	normal
Labels	 (TBA) To be approved
Object(s)	Template epSOS CDA custodian epsos-template-104 (2013-12-20)
Details	→ Click here for all issue details

8.1.11 (epsos-issue-231) participant: duplication of levels


Issue	participant: duplication of levels
Id	epsos-issue-231
Type	Change Request
Status	 Open, assigned
Priority	normal
Object(s)	Template epSOS CDA Supply 1.3.6.1.4.1.12559.11.10.1.3.1.3.3 (2013-12-20)
Details	→ Click here for all issue details

8.1.12 (epsos-issue-232) participant duplication - see epsos-issue-231


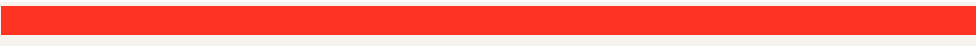
Issue	participant duplication - see epsos-issue-231
Id	epsos-issue-232
Type	Change Request
Status	 Open, assigned
Priority	normal
Object(s)	Template Allergies And Intolerances 1.3.6.1.4.1.19376.1.5.3.1.4.6 (2013-12-20)

Details	→ Click here for all issue details
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8.1.13 (epsos-issue-233) Value Set differs from original normative CDA Spec


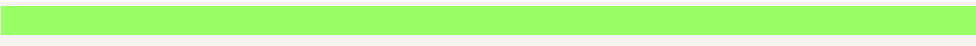
Issue	Value Set differs from original normative CDA Spec
Id	epsos-issue-233
Type	Clarification needed
Status	 Open, assigned
Priority	normal
Details	→ Click here for all issue details

8.1.14 (epsos-issue-144) Relation Specialization defunct link

Issue	Relation Specialization defunct link
Id	epsos-issue-144
Type	Change Request
Status	 Rejected, assigned
Priority	normal
Labels	 (M1) Milestone 1
Object(s)	Template Section Coded List of Surgeries 1.3.6.1.4.1.19376.1.5.3.1.3.12 (2013-12-20)
Details	→ Click here for all issue details

8.1.15 Currently assigned to: 5 (id Giorgio Cangioli)

8.1.16 (epsos-issue-43) Name of the concept


Issue	Name of the concept
Id	epsos-issue-43
Type	Clarification needed
Status	 Deferred, assigned
Priority	normal
Labels	 (M4) Milestone 4
Object(s)	Data element epsos-dataelement-98 "Disability or function" from dataset "epSOS Data Set" 2013-05-30 Path to element: Clinical Data / Medical Problems
Details	→ Click here for all issue details

8.1.17 (epsos-issue-104) Text in description


Issue	Text in description
Id	epsos-issue-104
Type	Clarification needed
Status	 Deferred, assigned

Priority	normal
Labels	(M4) Milestone 4
Object(s)	Template Section Pregnancy History 1.3.6.1.4.1.19376.1.5.3.1.1.5.3.4 (2013-12-20)
Details	→ Click here for all issue details


8.1.18 (epsos-issue-38) Two different descriptions in the documentation

Issue	Two different descriptions in the documentation
Id	epsos-issue-38
Type	Clarification needed
Status	 Open, assigned
Priority	normal
Labels	(WJ) Changes Word/JIRA
Object(s)	Issue Value set epSOSRoleClass without dataset binding epsos-issue-32
	Value set epsos-valueset2-39 (2013-06-03)
Details	→ Click here for all issue details

8.1.19 (epsos-issue-51) Specialization of template "1.3.6.1.4.1.19376.1.5.3.1.2.4"




Issue	Specialization of template "1.3.6.1.4.1.19376.1.5.3.1.2.4"
Id	epsos-issue-51
Type	Change Request
Status	 Open, assigned
Priority	normal
Labels	(TID) Template ID
Details	→ Click here for all issue details

8.1.20 (epsos-issue-53) HP can have only 1 relevant speciality in a given context




Issue	HP can have only 1 relevant speciality in a given context
Id	epsos-issue-53
Type	Change Request
Status	 Open, assigned
Priority	normal
Labels	(WJ) Changes Word/JIRA
Details	→ Click here for all issue details

8.1.21 (epsos-issue-57) Informant role





Issue	Informant role
Id	epsos-issue-57

Type	Clarification needed
Status	 Open, assigned
Priority	normal
Labels	 (TID) Template ID
Object(s)	Template Section Coded Social History 1.3.6.1.4.1.19376.1.5.3.1.3.16.1 (2013-12-20)
Details	 Click here for all issue details



8.1.22 (epsos-issue-62) Relationship between the type of obs.code and type of obs.value

Issue	Relationship between the type of obs.code and type of obs.value
Id	epsos-issue-62
Type	Clarification needed
Status	 Open, assigned
Priority	normal
Labels	 (TID) Template ID
Object(s)	Template Social History Observation 1.3.6.1.4.1.19376.1.5.3.1.4.13.4 (2013-12-20)
Details	 Click here for all issue details

8.1.23 (epsos-issue-64) Assign an epSOS specific template ID


Issue	Assign an epSOS specific template ID
Id	epsos-issue-64
Type	Change Request
Status	 Open, assigned
Priority	normal
Labels	 (TID) Template ID  (TBA) To be approved
Object(s)	Template Section History of Past Illness 1.3.6.1.4.1.19376.1.5.3.1.3.8 (2013-12-20)
	Template Immunizations 1.3.6.1.4.1.19376.1.5.3.1.4.12 (2013-12-20)
	Template Section Immunizations 1.3.6.1.4.1.19376.1.5.3.1.3.23 (2013-12-20)
Details	 Click here for all issue details

8.1.24 (epsos-issue-91) value set binding for Obs.value


Issue	value set binding for Obs.value
Id	epsos-issue-91
Type	Clarification needed
Status	 Open, assigned
Priority	normal
Labels	

	(TID) Template ID
Object(s)	Template Problem 1.3.6.1.4.1.19376.1.5.3.1.4.5 (2013-12-20)
Details	→ Click here for all issue details


8.1.25 (epsos-issue-134) No devices example

Issue	No devices example
Id	epsos-issue-134
Type	Change Request
Status	 Open, assigned
Priority	normal
Labels	<div style="background-color: #808000; height: 15px; width: 100%;"></div> (TID) Template ID
Object(s)	Template Medical Devices 1.3.6.1.4.1.12559.11.10.1.3.1.3.5 (2013-12-20)
Details	→ Click here for all issue details


8.1.26 (epsos-issue-135) Assign an epSOS specific template


Issue	Assign an epSOS specific template
Id	epsos-issue-135
Type	Change Request
Status	 Open, assigned
Priority	normal
Labels	<div style="background-color: #808000; height: 15px; width: 100%;"></div> (TID) Template ID
Object(s)	Template Section Coded Vital Signs 1.3.6.1.4.1.19376.1.5.3.1.1.5.3.2 (2013-12-20)
Details	→ Click here for all issue details

8.1.27 (epsos-issue-147) Update document according to CP#08



Issue	Update document according to CP#08
Id	epsos-issue-147
Type	Change Request
Status	 Open, assigned
Priority	normal
Labels	<div style="background-color: #ff00ff; height: 15px; width: 100%;"></div> (WJ) Changes Word/JIRA
Details	→ Click here for all issue details

8.1.28 (epsos-issue-37) Value set epSOSDisplayLabel without dataset binding

Issue	Value set epSOSDisplayLabel without dataset binding
Id	epsos-issue-37
Type	Clarification needed
Status	 Rejected, assigned



Priority	normal
Labels	 (M1) Milestone 1
Object(s)	Value set epsos-valueset2-46 (2013-06-03)
Details	→ Click here for all issue details

8.1.29 (epsos-issue-54) MRO has impossible card on performer/assignedEntity


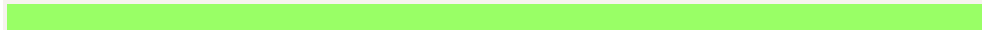
Issue	MRO has impossible card on performer/assignedEntity
Id	epsos-issue-54
Type	Change Request
Status	 Rejected, assigned
Priority	normal
Labels	 (WJ) Changes Word/JIRA
Details	→ Click here for all issue details

8.1.30 Currently assigned to: 9 (id Christof Gessner)




8.1.31 (epsos-issue-101) templates for Normal Dosing, split dosing and combination medication

Issue	templates for Normal Dosing, split dosing and combination medication
Id	epsos-issue-101
Type	Clarification needed
Status	 Deferred, assigned
Priority	normal
Labels	 (M2) Milestone 2
Object(s)	Template Medication Item 1.3.6.1.4.1.12559.11.10.1.3.1.3.4 (2013-12-20)
Details	→ Click here for all issue details




8.1.32 (epsos-issue-105) section code correct?

Issue	section code correct?
Id	epsos-issue-105
Type	Change Request
Status	 Deferred, assigned
Priority	normal
Labels	 (M4) Milestone 4
Object(s)	Template Section Pregnancy History 1.3.6.1.4.1.19376.1.5.3.1.1.5.3.4 (2013-12-20)
Details	→ Click here for all issue details





8.1.33 (epsos-issue-109) restriction to past surgeries

Issue	restriction to past surgeries
Id	epsos-issue-109
Type	Change Request
Status	 Deferred, assigned
Priority	normal
Labels	 (M4) Milestone 4
Object(s)	Template Section Coded List of Surgeries 1.3.6.1.4.1.19376.1.5.3.1.3.12 (2013-12-20)
Details	 Click here for all issue details

8.1.34 (epsos-issue-169) classCode, determinerCode

Issue	classCode, determinerCode
Id	epsos-issue-169
Type	Change Request
Status	 Feedback needed, assigned
Priority	normal
Labels	 (TBA) To be approved
Object(s)	Template epSOS CDA Organization epsos-template-111 (2013-12-20)
Details	 Click here for all issue details

8.1.35 (epsos-issue-185) Template is too specific


Issue	Template is too specific
Id	epsos-issue-185
Type	Change Request
Status	 Feedback needed, assigned
Priority	normal
Labels	 (TBA) To be approved  (TID) Template ID
Object(s)	Template Simple Observation 1.3.6.1.4.1.19376.1.5.3.1.4.13 (2013-12-20)
Details	 Click here for all issue details

8.1.36 (epsos-issue-187) units in ingredient/quantity


Issue	units in ingredient/quantity
Id	epsos-issue-187
Type	Change Request
Status	 Feedback needed, assigned
Priority	normal

Labels	(TBA) To be approved
Object(s)	Template epSOS CDA Material epsos-template-143 (2013-12-20)
Details	→ Click here for all issue details


8.1.37 (epsos-issue-192) revert to original IHE template

Issue	revert to original IHE template
Id	epsos-issue-192
Type	Change Request
Status	 Feedback needed, assigned
Priority	normal
Labels	(TBA) To be approved
Object(s)	Template Blood Group 1.3.6.1.4.1.19376.1.5.3.1.4.13.6 (2017-07-12 16:25:39)
Details	→ Click here for all issue details


8.1.38 (epsos-issue-210) wrong cardinality of section/id

Issue	wrong cardinality of section/id
Id	epsos-issue-210
Type	Change Request
Status	 In Progress, assigned
Priority	normal
Object(s)	Template Section Medication Summary 1.3.6.1.4.1.12559.11.10.1.3.1.2.3 (2013-12-20)
Details	→ Click here for all issue details

8.1.39 (epsos-issue-216) text: maximum multiplicity


Issue	text: maximum multiplicity
Id	epsos-issue-216
Type	Change Request
Status	 In Progress, assigned
Priority	normal
Object(s)	Template Blood Group 1.3.6.1.4.1.19376.1.5.3.1.4.13.6 (2017-07-12 16:25:39)
Details	→ Click here for all issue details

8.1.40 (epsos-issue-217) effectiveTime maximum multiplicity


Issue	effectiveTime maximum multiplicity
Id	epsos-issue-217
Type	Change Request
Status	 In Progress, assigned
Priority	normal
Object(s)	Template Blood Group 1.3.6.1.4.1.19376.1.5.3.1.4.13.6 (2017-07-12 16:25:39)

Details	→ Click here for all issue details
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8.1.41 (epsos-issue-218) substanceAdministration maximum multiplicity

Issue	substanceAdministration maximum multiplicity
Id	epsos-issue-218
Type	Change Request
Status	 In Progress, assigned
Priority	normal
Object(s)	Template epSOS Related Prescription Item epsos-template-144 (2013-12-20)
Details	→ Click here for all issue details


8.1.42 (epsos-issue-221) can not have more than one legalAuthenticator

Issue	can not have more than one legalAuthenticator
Id	epsos-issue-221
Type	Change Request
Status	 In Progress, assigned
Priority	normal
Object(s)	Template epSOS-eDispensation 1.3.6.1.4.1.12559.11.10.1.3.1.1.2 (2013-12-20)
Details	→ Click here for all issue details

8.1.43 (epsos-issue-222) fix cardinality



Issue	fix cardinality
Id	epsos-issue-222
Type	Change Request
Status	 In Progress, assigned
Priority	normal
Object(s)	Template Immunization Product 1.3.6.1.4.1.19376.1.5.3.1.4.7.2 (2013-12-20)
Details	→ Click here for all issue details

8.1.44 (epsos-issue-224) fix cardinality



Issue	fix cardinality
Id	epsos-issue-224
Type	Change Request
Status	 In Progress, assigned
Priority	normal
Object(s)	Template Pregnancy Observation 1.3.6.1.4.1.19376.1.5.3.1.4.13.5 (2013-12-20)
Details	→ Click here for all issue details

8.1.45 (epsos-issue-226) fix cardinality of status code


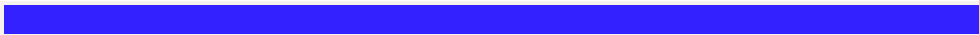

Issue	fix cardinality of status code
Id	epsos-issue-226

Type	Change Request
Status	 In Progress, assigned
Priority	normal
Object(s)	Template Entry Medication FulFillment Instructions 1.3.6.1.4.1.19376.1.5.3.1.4.3.1 (2013-12-20)
Details	 Click here for all issue details




8.1.46  (epsos-issue-235) hl7:assignedPerson contains twice the element hl7:name

Issue	hl7:assignedPerson contains twice the element hl7:name
Id	epsos-issue-235
Type	Change Request
Status	 In Progress, assigned
Priority	normal
Object(s)	Template epSOS CDA legalAuthenticator epsos-template-109 (2013-12-20)
Details	 Click here for all issue details

8.1.47  (epsos-issue-241) inversionInd shall be true




Issue	inversionInd shall be true
Id	epsos-issue-241
Type	Change Request
Status	 In Progress, assigned
Priority	normal
Labels	 (TBA) To be approved
Object(s)	Template epSOS CDA substanceAdministration 1.3.6.1.4.1.12559.11.10.1.3.1.3.2 (2013-12-20)
Details	 Click here for all issue details

8.1.48  (epsos-issue-108) section code is for document, details to be added




Issue	section code is for document, details to be added
Id	epsos-issue-108
Type	For future consideration
Status	 Open, assigned
Priority	normal
Labels	 (M4) Milestone 4
Object(s)	Template Section Coded List of Surgeries 1.3.6.1.4.1.19376.1.5.3.1.3.12 (2013-12-20)
Details	 Click here for all issue details

8.1.49  (epsos-issue-164) realmCode


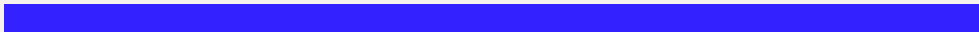

Issue	realmCode
Id	epsos-issue-164
Type	Change Request

Status	 Open, assigned
Priority	normal
Labels	 (TBA) To be approved
Object(s)	Template epSOS-Patient Summary 1.3.6.1.4.1.12559.11.10.1.3.1.1.3 (2013-12-20)
Details	 Click here for all issue details


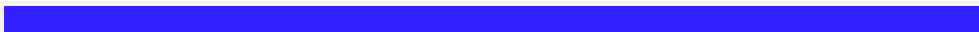

8.1.50 (epsos-issue-165) realmCode

Issue	realmCode
Id	epsos-issue-165
Type	Change Request
Status	 Open, assigned
Priority	normal
Labels	 (TBA) To be approved
Object(s)	Template epSOS-ePrescription 1.3.6.1.4.1.12559.11.10.1.3.1.1.1 (2013-12-20)
Details	 Click here for all issue details




8.1.51 (epsos-issue-166) realmCode

Issue	realmCode
Id	epsos-issue-166
Type	Change Request
Status	 Open, assigned
Priority	normal
Labels	 (TBA) To be approved
Object(s)	Template epSOS-eDispensation 1.3.6.1.4.1.12559.11.10.1.3.1.1.2 (2013-12-20)
Details	 Click here for all issue details




8.1.52 (epsos-issue-167) realmCode

Issue	realmCode
Id	epsos-issue-167
Type	Change Request
Status	 Open, assigned
Priority	normal
Labels	 (TBA) To be approved
Object(s)	Template epSOS-Health Care Encounter Report 1.3.6.1.4.1.12559.11.10.1.3.1.1.4 (2013-12-20)
Details	 Click here for all issue details




8.1.53  **(epsos-issue-168) realmCode**

Issue	realmCode
Id	epsos-issue-168
Type	Change Request
Status	 Open, assigned
Priority	normal
Labels	 (TBA) To be approved
Object(s)	Template epSOS-Medication Related Overview 1.3.6.1.4.1.12559.11.10.1.3.1.1.5 (2013-12-20)
Details	 Click here for all issue details


8.1.54  **(epsos-issue-170) elements in address**

Issue	elements in address
Id	epsos-issue-170
Type	Change Request
Status	 Open, assigned
Priority	normal
Labels	 (TBA) To be approved
Object(s)	Template epSOS CDA Organization epsos-template-111 (2013-12-20)
Details	 Click here for all issue details

8.1.55  **(epsos-issue-171) multiple instances of effectiveTime**



Issue	multiple instances of effectiveTime
Id	epsos-issue-171
Type	Change Request
Status	 Open, assigned
Priority	normal
Labels	 (TBA) To be approved
Object(s)	Template Medication Item 1.3.6.1.4.1.12559.11.10.1.3.1.3.4 (2013-12-20)
Details	 Click here for all issue details

8.1.56  **(epsos-issue-174) Allow serviceEvent/effectiveTime as interval or TS?**



Issue	Allow serviceEvent/effectiveTime as interval or TS?
Id	epsos-issue-174
Type	Change Request
Status	 Open, assigned
Priority	normal
Object(s)	Template epSOS CDA documentationOf PCPR epsos-template-106 (2013-12-20)

Details	→ Click here for all issue details
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8.1.57  (epsos-issue-180) classCode is mandatory

Issue	classCode is mandatory
Id	epsos-issue-180
Type	Change Request
Status	 Open, assigned
Priority	normal
Labels	 (TBA) To be approved
Object(s)	Template Severity 1.3.6.1.4.1.19376.1.5.3.1.4.1 (2013-12-20)
Details	→ Click here for all issue details


8.1.58  (epsos-issue-184) displayname and codesystem name are optional

Issue	displayname and codesystem name are optional
Id	epsos-issue-184
Type	Change Request
Status	 Open, assigned
Priority	normal
Labels	 (TBA) To be approved
Object(s)	Template Entry Health Status Observation 1.3.6.1.4.1.19376.1.5.3.1.4.1.2 (2013-12-20)
Details	→ Click here for all issue details

8.1.59  (epsos-issue-205) id cardinality


Issue	id cardinality
Id	epsos-issue-205
Type	Change Request
Status	 Open, assigned
Priority	normal
Object(s)	Template Section Allergies and Other Adverse Reactions 1.3.6.1.4.1.19376.1.5.3.1.3.13 (2013-12-20)
Details	→ Click here for all issue details

8.1.60  (epsos-issue-214) Base Standard Validation


Issue	Base Standard Validation
Id	epsos-issue-214
Type	Clarification needed
Status	 Open, assigned
Priority	normal
Object(s)	Template Internal Reference 1.3.6.1.4.1.19376.1.5.3.1.4.4.1 (2013-12-20)

Details	→ Click here for all issue details
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8.1.61 (epsos-issue-215) effectiveTime maximum multiplicity

Issue	effectiveTime maximum multiplicity
Id	epsos-issue-215
Type	Change Request
Status	 Open, assigned
Priority	normal
Object(s)	Template Simple Observation 1.3.6.1.4.1.19376.1.5.3.1.4.13 (2013-12-20)
Details	→ Click here for all issue details


8.1.62 (epsos-issue-220) see epsos-issue-219

Issue	see epsos-issue-219
Id	epsos-issue-220
Type	Change Request
Status	 Open, assigned
Priority	normal
Object(s)	Template epSOS-eDispensation 1.3.6.1.4.1.12559.11.10.1.3.1.1.2 (2013-12-20)
Details	→ Click here for all issue details

8.1.63 (epsos-issue-223) fix cardinality



Issue	fix cardinality
Id	epsos-issue-223
Type	Change Request
Status	 Open, assigned
Priority	normal
Object(s)	Template Immunization Material epsos-template-145 (2013-12-20)
Details	→ Click here for all issue details

8.1.64 (epsos-issue-225) custodian org, see epsos-issue-219



Issue	custodian org, see epsos-issue-219
Id	epsos-issue-225
Type	Change Request
Status	 Open, assigned
Priority	normal
Object(s)	Template epSOS-Patient Summary 1.3.6.1.4.1.12559.11.10.1.3.1.1.3 (2013-12-20)
Details	→ Click here for all issue details

8.1.65 (epsos-issue-227) custodian org, see epsos-issue-219



Issue	custodian org, see epsos-issue-219
Id	epsos-issue-227

Type	Change Request
Status	 Open, assigned
Priority	normal
Object(s)	Template epSOS-Health Care Encounter Report 1.3.6.1.4.1.12559.11.10.1.3.1.1.4 (2013-12-20)
Details	 Click here for all issue details



8.1.66 (epsos-issue-228) custodian org, see epsos-issue-219

Issue	custodian org, see epsos-issue-219
Id	epsos-issue-228
Type	Change Request
Status	 Open, assigned
Priority	normal
Object(s)	Template epSOS-Medication Related Overview 1.3.6.1.4.1.12559.11.10.1.3.1.1.5 (2013-12-20)
Details	 Click here for all issue details


8.1.67 (epsos-issue-229) custodian org, see epsos-issue-219

Issue	custodian org, see epsos-issue-219
Id	epsos-issue-229
Type	Change Request
Status	 Open, assigned
Priority	normal
Object(s)	Template eHDSI-Patient Summary PDF embedded 1.3.6.1.4.1.12559.11.10.1.3.1.1.7 (2017-03-11 18:41:31)
Details	 Click here for all issue details

8.1.68 (epsos-issue-230) custodian org, see epsos-issue-219



Issue	custodian org, see epsos-issue-219
Id	epsos-issue-230
Type	Change Request
Status	 Open, assigned
Priority	normal
Object(s)	Template eHDSI-ePrescription PDF embedded 1.3.6.1.4.1.12559.11.10.1.3.1.1.6 (2017-03-11 22:32:59)
Details	 Click here for all issue details

8.1.69 (epsos-issue-236) Relaxation of constraints for EntryAllergyAndIntolerance template


Issue	Relaxation of constraints for EntryAllergyAndIntolerance template
Id	epsos-issue-236
Type	Change Request
Status	 Open, assigned
Priority	normal

Object(s)	Template Problem 1.3.6.1.4.1.19376.1.5.3.1.4.5 (2013-12-20)
Details	→ Click here for all issue details



8.1.70 (epsos-issue-242) Fix duplicate OIDs in ART-DECOR

Issue	Fix duplicate OIDs in ART-DECOR
Id	epsos-issue-242
Type	Change Request
Status	 Open, assigned
Priority	normal
Labels	 (TBA) To be approved
Object(s)	Template Problem 1.3.6.1.4.1.19376.1.5.3.1.4.5 (2013-12-20)
Details	→ Click here for all issue details

8.1.71 (epsos-issue-247) Missing elements in epSOS CDA substanceAdministration template


Issue	Missing elements in epSOS CDA substanceAdministration template
Id	epsos-issue-247
Type	Change Request
Status	 Open, assigned
Priority	normal
Object(s)	Template epSOS CDA substanceAdministration 1.3.6.1.4.1.12559.11.10.1.3.1.3.2 (2013-12-20)
Details	→ Click here for all issue details

8.1.72 (epsos-issue-250) telecom use code



Issue	telecom use code
Id	epsos-issue-250
Type	Change Request
Status	 Open, assigned
Priority	normal
Labels	 (TBA) To be approved
Object(s)	Template epSOS CDA Organization epsos-template-111 (2013-12-20)
Details	→ Click here for all issue details

8.1.73 (epsos-issue-251) telecom nullFlavor value

Issue	telecom nullFlavor value
Id	epsos-issue-251
Type	Change Request
Status	 Open, assigned
Priority	normal

Labels	 (TBA) To be approved
Object(s)	Template epSOS CDA Contact/Preferred HP/Legal Organization epsos-template-101 (2013-12-20)
Details	→ Click here for all issue details

8.1.74 (epsos-issue-172) classCode, moodCode

Issue	classCode, moodCode
Id	epsos-issue-172
Type	Change Request
Status	 Rejected, assigned
Priority	normal
Labels	 (TBA) To be approved
Object(s)	Template epSOS CDA documentationOf PCPR epsos-template-106 (2013-12-20)
Details	→ Click here for all issue details



8.1.75 Currently assigned to: 10 (id Libor Seidl)

8.1.76 (epsos-issue-178) No Entry?



Issue	No Entry?
Id	epsos-issue-178
Type	Change Request
Status	 Open, assigned
Priority	normal
Labels	 (M1) Milestone 1
Details	→ Click here for all issue details

8.1.77 Currently assigned to: 12 (id Marta Terrón Cuadrado)




8.1.78 (epsos-issue-181) observation classCode is mandatory

Issue	observation classCode is mandatory
Id	epsos-issue-181
Type	Change Request
Status	 Open, assigned
Priority	normal
Labels	 (TBA) To be approved
Object(s)	Template Problem 1.3.6.1.4.1.19376.1.5.3.1.4.5 (2013-12-20)
Details	→ Click here for all issue details




8.1.79  **(epsos-issue-182) change hl7:languageCode description**

Issue	change hl7:languageCode description
Id	epsos-issue-182
Type	Change Request
Status	 Open, assigned
Priority	normal
Details	 Click here for all issue details


8.1.80  **(epsos-issue-183) LOINC code for blood group observation**

Issue	LOINC code for blood group observation
Id	epsos-issue-183
Type	Change Request
Status	 Open, assigned
Priority	normal
Labels	 (TBA) To be approved
Object(s)	Template Simple Observation 1.3.6.1.4.1.19376.1.5.3.1.4.13 (2013-12-20)
Details	 Click here for all issue details

8.1.81 Currently assigned to: 15 (id Mathias Ghys)**8.1.82**  **(epsos-issue-239) Modify effectiveTime element for Medical Device template**


Issue	Modify effectiveTime element for Medical Device template
Id	epsos-issue-239
Type	Change Request
Status	 Feedback needed, assigned
Priority	normal
Labels	 (TBA) To be approved
Object(s)	Template Medical Devices 1.3.6.1.4.1.12559.11.10.1.3.1.3.5 (2013-12-20)
Details	 Click here for all issue details

8.1.83  **(epsos-issue-253) Adapt conformancy of family and given elements conform the EXPAND specifications**


Issue	Adapt conformancy of family and given elements conform the EXPAND specifications
Id	epsos-issue-253
Type	Change Request
Status	 Feedback needed, assigned
Priority	normal
Object(s)	Template epSOS CDA legalAuthenticator epsos-template-109 (2013-12-20)

Details	→ Click here for all issue details
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8.1.84 (epsos-issue-255) country element in addr has to come from the epSOS country value set if available

Issue	country element in addr has to come from the epSOS country value set if available
Id	epsos-issue-255
Type	Change Request
Status	 Feedback needed, assigned
Priority	normal
Object(s)	Template epSOS CDA Organization epsos-template-111 (2013-12-20)
Details	→ Click here for all issue details


8.1.85 (epsos-issue-275) Change the Cardinality of the id and text elements according to the IHE PCC

Issue	Change the Cardinality of the id and text elements according to the IHE PCC
Id	epsos-issue-275
Type	Change Request
Status	 Feedback needed, assigned
Priority	normal
Labels	<div style="background-color: blue; height: 15px; width: 100%;"></div> (TBA) To be approved
Object(s)	Template Allergies And Intolerances 1.3.6.1.4.1.19376.1.5.3.1.4.6 (2013-12-20)
Details	→ Click here for all issue details

8.1.86 (epsos-issue-237) Create scenario for this template



Issue	Create scenario for this template
Id	epsos-issue-237
Type	Change Request
Status	 Open, assigned
Priority	normal
Object(s)	Template eHDSI-Patient Summary PDF embedded 1.3.6.1.4.1.12559.11.10.1.3.1.1.7 (2017-03-11 18:41:31)
Details	→ Click here for all issue details

8.1.87 (epsos-issue-238) Create scenario for this template



Issue	Create scenario for this template
Id	epsos-issue-238
Type	Change Request
Status	 Open, assigned
Priority	normal
Object(s)	Template eHDSI-ePrescription PDF embedded 1.3.6.1.4.1.12559.11.10.1.3.1.1.6 (2017-03-11 22:32:59)

Details	→ Click here for all issue details
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8.1.88 (epsos-issue-248) hl7:name cardinality must be changed from 0 ... 1 to 1 ... 1

Issue	hl7:name cardinality must be changed from 0 ... 1 to 1 ... 1
Id	epsos-issue-248
Type	Change Request
Status	 Open, assigned
Priority	normal
Labels	 (TBA) To be approved
Object(s)	Template epSOS CDA Material epsos-template-143 (2013-12-20)
Details	→ Click here for all issue details


8.1.89 (epsos-issue-259) No conformance set for ActiveIngredient substance name

Issue	No conformance set for ActiveIngredient substance name
Id	epsos-issue-259
Type	Change Request
Status	 Open, assigned
Priority	normal
Labels	 (TBA) To be approved
Object(s)	Template epSOS CDA Material epsos-template-143 (2013-12-20)
Details	→ Click here for all issue details

8.1.90 (epsos-issue-272) restrict formCode CONF to epSOSPackage value set for asContent part


Issue	restrict formCode CONF to epSOSPackage value set for asContent part
Id	epsos-issue-272
Type	Change Request
Status	 Open, assigned
Priority	normal
Object(s)	Template epSOS CDA Material epsos-template-143 (2013-12-20)
Details	→ Click here for all issue details

8.1.91 (epsos-issue-274) Change cardinality of value element


Issue	Change cardinality of value element
Id	epsos-issue-274
Type	Change Request
Status	 Open, assigned
Priority	normal
Object(s)	Template Allergies And Intolerances 1.3.6.1.4.1.19376.1.5.3.1.4.6 (2013-12-20)

Details	→ Click here for all issue details
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8.1.92 (epsos-issue-276) make patient name mandatory (change conformance from R to M)

Issue	make patient name mandatory (change conformance from R to M)
Id	epsos-issue-276
Type	Change Request
Status	 Open, assigned
Priority	normal
Object(s)	Template epSOS CDA recordTarget epsos-template-100 (2013-12-20)
Details	→ Click here for all issue details


8.1.93 (epsos-issue-277) Restrict the nullFlavor value for Telecom element in author to "NI"

Issue	Restrict the nullFlavor value for Telecom element in author to "NI"
Id	epsos-issue-277
Type	Change Request
Status	 Open, assigned
Priority	normal
Object(s)	Template epSOS CDA author epsos-template-102 (2013-12-20)
Details	→ Click here for all issue details



8.1.94 (epsos-issue-278) Restrict the nullFlavor value for Telecom element in author prescriber to "NI"

Issue	Restrict the nullFlavor value for Telecom element in author prescriber to "NI"
Id	epsos-issue-278
Type	Change Request
Status	 Open, assigned
Priority	normal
Object(s)	Template epSOS CDA author prescriber epsos-template-103 (2013-12-20)
Details	→ Click here for all issue details




8.1.95 (epsos-issue-280) Add templateID to CDA Number of Packages

Issue	Add templateID to CDA Number of Packages
Id	epsos-issue-280
Type	Change Request
Status	 Open, assigned
Priority	normal
Object(s)	Template CDA Number of Packages 1.3.6.1.4.1.12559.11.10.1.3.1.3.6 (2017-12-21 15:44:42)
Details	→ Click here for all issue details



8.1.96 (epsos-issue-281) Change the cardinality of @classCode and @moodCode to 1 .. 1

Issue	Change the cardinality of @classCode and @moodCode to 1 .. 1
Id	epsos-issue-281
Type	Change Request
Status	 Open, assigned
Priority	normal
Object(s)	Template Entry Medication FulFillment Instructions 1.3.6.1.4.1.19376.1.5.3.1.4.3.1 (2013-12-20)
Details	 Click here for all issue details



8.1.97 (epsos-issue-282) Make the formCode element of the manufacturedMaterial optional

Issue	Make the formCode element of the manufacturedMaterial optional
Id	epsos-issue-282
Type	Change Request
Status	 Open, assigned
Priority	normal
Labels	 (TBA) To be approved
Object(s)	Template epSOS CDA ManufacturedProduct 1.3.6.1.4.1.12559.11.10.1.3.1.3.1 (2013-12-20)
Details	 Click here for all issue details

8.1.98 (epsos-issue-283) Remove determinerCode from epsos:ingredient element



Issue	Remove determinerCode from epsos:ingredient element
Id	epsos-issue-283
Type	Change Request
Status	 Open, assigned
Priority	normal
Object(s)	Template epSOS CDA ManufacturedProduct 1.3.6.1.4.1.12559.11.10.1.3.1.3.1 (2013-12-20)
Details	 Click here for all issue details

8.1.99 (epsos-issue-265) Add templateID 2.16.840.1.113883.10.20.1.54 to manifestation observation.

Issue	Add templateID 2.16.840.1.113883.10.20.1.54 to manifestation observation.
Id	epsos-issue-265
Type	Change Request
Status	 Rejected, assigned
Priority	normal
Object(s)	Template Allergies And Intolerances 1.3.6.1.4.1.19376.1.5.3.1.4.6 (2013-12-20)
Details	 Click here for all issue details



8.1.100 Currently assigned to: 18 (id Yacoubou Waolany)

8.1.101 (epsos-issue-279) Fix issue subscription for new ehdsi art décor environment




Issue	Fix issue subscription for new ehdsi art décor environment
Id	epsos-issue-279
Type	Change Request
Status	 Open, assigned
Priority	normal
Details	 Click here for all issue details

8.2 Issues not yet assigned


8.2.102 (epsos-issue-153) Example: Invalid XML

Issue	Example: Invalid XML
Id	epsos-issue-153
Type	Change Request
Status	 Deferred
Priority	normal
Object(s)	Template Medication Item 1.3.6.1.4.1.12559.11.10.1.3.1.3.4 (2013-12-20)
Details	 Click here for all issue details

8.2.103 (epsos-issue-160) Cardinality Contact/Preferred HP/Legal Organization


Issue	Cardinality Contact/Preferred HP/Legal Organization
Id	epsos-issue-160
Type	Change Request
Status	 In Progress
Priority	normal
Labels	 (M1) Milestone 1
Object(s)	Template epSOS-Patient Summary 1.3.6.1.4.1.12559.11.10.1.3.1.1.3 (2013-12-20)
Details	 Click here for all issue details

8.2.104 (epsos-issue-212) cardinality of manufacturedProduct


Issue	cardinality of manufacturedProduct
Id	epsos-issue-212
Type	Change Request
Status	 In Progress
Priority	normal
Object(s)	Template epSOS CDA ManufacturedProduct 1.3.6.1.4.1.12559.11.10.1.3.1.3.1 (2013-12-20)

Details	→ Click here for all issue details
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8.2.105 (epsos-issue-55) Assignment of an epSOS template ID for this section

Issue	Assignment of an epSOS template ID for this section
Id	epsos-issue-55
Type	Change Request
Status	 Open
Priority	normal
Labels	(TID) Template ID
Object(s)	Template Section Coded Social History 1.3.6.1.4.1.19376.1.5.3.1.3.16.1 (2013-12-20)
Details	→ Click here for all issue details


8.2.106 (epsos-issue-58) Assign an epSOS specific template ID

Issue	Assign an epSOS specific template ID
Id	epsos-issue-58
Type	Change Request
Status	 Open
Priority	normal
Labels	(TID) Template ID
Object(s)	Template Section Functional Status 1.3.6.1.4.1.19376.1.5.3.1.3.17 (2013-12-20)
	Template Social History Observation 1.3.6.1.4.1.19376.1.5.3.1.4.13.4 (2013-12-20)
Details	→ Click here for all issue details

8.2.107 (epsos-issue-59) Optionaly of template IDs


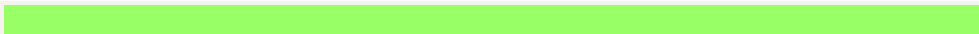
Issue	Optionaly of template IDs
Id	epsos-issue-59
Type	For future consideration
Status	 Open
Priority	normal
Object(s)	Template Social History Observation 1.3.6.1.4.1.19376.1.5.3.1.4.13.4 (2013-12-20)
Details	→ Click here for all issue details

8.2.108 (epsos-issue-61) types of social observation



Issue	types of social observation
Id	epsos-issue-61
Type	For future consideration
Status	 Open
Priority	normal
Object(s)	Template Social History Observation 1.3.6.1.4.1.19376.1.5.3.1.4.13.4 (2013-12-20)

Details	→ Click here for all issue details
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8.2.109 (epsos-issue-84) No Value Set for coding Invalidity

Issue	No Value Set for coding Invalidity
Id	epsos-issue-84
Type	For future consideration
Status	 Open
Priority	normal
Labels	 (M4) Milestone 4
Object(s)	Data element epsos-dataelement-100 "Invalidity code" from dataset "epSOS Data Set" 2013-05-30 Path to element: Clinical Data / Medical Problems / Disability or function
Details	→ Click here for all issue details


8.2.110 (epsos-issue-90) check obs.ocde voc binding


Issue	check obs.ocde voc binding
Id	epsos-issue-90
Type	Clarification needed
Status	 Open
Priority	normal
Labels	 (TID) Template ID
Object(s)	Template Problem 1.3.6.1.4.1.19376.1.5.3.1.4.5 (2013-12-20)
Details	→ Click here for all issue details

8.2.111 (epsos-issue-92) the referenced entry ID to be updated


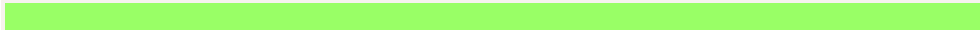
Issue	the referenced entry ID to be updated
Id	epsos-issue-92
Type	Change Request
Status	 Open
Priority	normal
Labels	 (TID) Template ID
Object(s)	Template Section Active Problems 1.3.6.1.4.1.19376.1.5.3.1.3.6 (2013-12-20)
Details	→ Click here for all issue details

8.2.112 (epsos-issue-97) assign an epSOS template ID



Issue	assign an epSOS template ID
Id	epsos-issue-97
Type	Change Request
Status	 Open

Priority	normal
Labels	 (TID) Template ID
Object(s)	Template Entry Problem Status Observation 1.3.6.1.4.1.19376.1.5.3.1.4.1.1 (2013-12-20)
Details	→ Click here for all issue details



8.2.113 (epsos-issue-115) More codes in value set

Issue	More codes in value set
Id	epsos-issue-115
Type	For future consideration
Status	 Open
Priority	normal
Labels	 (M4) Milestone 4
Object(s)	Template Vital Signs Observation 1.3.6.1.4.1.19376.1.5.3.1.4.13.2 (2013-12-20)
Details	→ Click here for all issue details

8.2.114 (epsos-issue-126) Add 1.3.6.1.4.1.12559.11.10.1.3.1.3.1 template specializations




Issue	Add 1.3.6.1.4.1.12559.11.10.1.3.1.3.1 template specializations
Id	epsos-issue-126
Type	Change Request
Status	 Open
Priority	normal
Labels	 (TID) Template ID
Object(s)	Template epSOS CDA ManufacturedProduct 1.3.6.1.4.1.12559.11.10.1.3.1.3.1 (2013-12-20)
Details	→ Click here for all issue details

8.2.115 (epsos-issue-148) update specialty cardinality to 0..1




Issue	update specialty cardinality to 0..1
Id	epsos-issue-148
Type	Change Request
Status	 Open
Priority	normal
Labels	 (WJ) Changes Word/JIRA
Details	→ Click here for all issue details

8.2.116 (epsos-issue-150) Fix participant role for agents


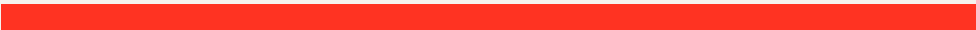

Issue	Fix participant role for agents
Id	epsos-issue-150

Type	Change Request
Status	 Open
Priority	normal
Labels	 (M1) Milestone 1
Object(s)	Template Allergies And Intolerances 1.3.6.1.4.1.19376.1.5.3.1.4.6 (2013-12-20)
Details	 Click here for all issue details



8.2.117 (epsos-issue-156) Assert not aligned with the error message

Issue	Assert not aligned with the error message
Id	epsos-issue-156
Type	Change Request
Status	 Open
Priority	normal
Labels	 (M1) Milestone 1
Object(s)	Template epSOS CDA author epsos-template-102 (2013-12-20)
Details	 Click here for all issue details

8.2.118 (epsos-issue-163) Check the binding with language VS



Issue	Check the binding with language VS
Id	epsos-issue-163
Type	Change Request
Status	 Open
Priority	normal
Labels	 (M1) Milestone 1
Details	 Click here for all issue details

8.2.119 (epsos-issue-175) OID for Comment Template




Issue	OID for Comment Template
Id	epsos-issue-175
Type	Change Request
Status	 Open
Priority	normal
Object(s)	Template Comment 1.3.6.1.4.1.19376.1.5.3.1.4.2 (2013-12-20)
Details	 Click here for all issue details

8.2.120 (epsos-issue-176) CDA Device : check value set binding with device.code




Issue	CDA Device : check value set binding with device.code
Id	epsos-issue-176

Type	Change Request
Status	 Open
Priority	normal
Object(s)	Template CDA Device epsos-template-129 (2013-12-20)
Details	 Click here for all issue details




8.2.121 (epsos-issue-177) Preferred Health Professional for emergency contact: change the classCode to ECON

Issue	Preferred Health Professional for emergency contact: change the classCode to ECON
Id	epsos-issue-177
Type	Change Request
Status	 Open
Priority	normal
Labels	 (TBA) To be approved
Object(s)	Template epSOS CDA Contact/Preferred HP/Legal Organization epsos-template-101 (2013-12-20)
Details	 Click here for all issue details

8.2.122 (epsos-issue-197) allow for multiple entries




Issue	allow for multiple entries
Id	epsos-issue-197
Type	Change Request
Status	 Open
Priority	normal
Labels	 (TBA) To be approved
Object(s)	Template Section History of Past Illness 1.3.6.1.4.1.19376.1.5.3.1.3.8 (2013-12-20)
Details	 Click here for all issue details

8.2.123 (epsos-issue-199) doseQuantity: value set binding for units



Issue	doseQuantity: value set binding for units
Id	epsos-issue-199
Type	Change Request
Status	 Open
Priority	normal
Labels	 (TBA) To be approved
Object(s)	Template Medication Item 1.3.6.1.4.1.12559.11.10.1.3.1.3.4 (2013-12-20)
Details	 Click here for all issue details

8.2.124 (epsos-issue-206) Define a specialized template for the agent

Issue	Define a specialized template for the agent
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Id	epsos-issue-206
Type	Change Request
Status	 Open
Priority	normal
Labels	 (TID) Template ID
Object(s)	Template Allergies And Intolerances 1.3.6.1.4.1.19376.1.5.3.1.4.6 (2013-12-20)
Details	 Click here for all issue details

8.2.125 (epsos-issue-209) Constraint applied to relatedDocument


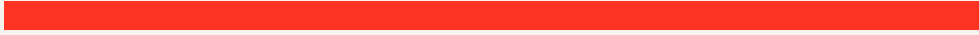

Issue	Constraint applied to relatedDocument
Id	epsos-issue-209
Type	Change Request
Status	 Open
Priority	normal
Object(s)	Template epSOS CDA relatedDocument epsos-template-107 (2013-12-20)
Details	 Click here for all issue details

8.3 Issues dealt with



8.3.126 (epsos-issue-261) Add effectiveTime to EntryVitalSignsObservation

Issue	Add effectiveTime to EntryVitalSignsObservation
Id	epsos-issue-261
Type	Change Request
Status	 Cancelled
Priority	normal
Labels	 (TBA) To be approved
Details	 Click here for all issue details




8.3.127 (epsos-issue-82) Revision section Coded Results

Issue	Revision section Coded Results
Id	epsos-issue-82
Type	Clarification needed
Status	 Cancelled, assigned
Priority	normal
Labels	 (M1) Milestone 1
Object(s)	Template 1.3.6.1.4.1.19376.1.5.3.1.3.28 (2013-12-20)
Details	 Click here for all issue details




8.3.128 (epsos-issue-161) (epSOSCDAAuthor): prefix and suffix is required for assignedPerson

Issue	(epSOSCDAAuthor): prefix and suffix is required for assignedPerson
Id	epsos-issue-161
Type	Change Request
Status	 Closed, assigned
Priority	normal
Object(s)	Template epSOS CDA author epsos-template-102 (2013-12-20)
Details	 Click here for all issue details


8.3.129 (epsos-issue-68) 2.16.840.1.113883.10.20.1.46 Position Of Vaccination

Issue	2.16.840.1.113883.10.20.1.46 Position Of Vaccination
Id	epsos-issue-68
Type	Clarification needed
Status	 Closed, assigned
Priority	normal
Labels	 (M3) Milestone 3
Object(s)	Template Immunizations 1.3.6.1.4.1.19376.1.5.3.1.4.12 (2013-12-20)
Details	 Click here for all issue details



8.3.130 (epsos-issue-69) adverse reactions in immunization

Issue	adverse reactions in immunization
Id	epsos-issue-69
Type	Clarification needed
Status	 Closed
Priority	normal
Labels	 (M2) Milestone 2
Object(s)	Template Immunizations 1.3.6.1.4.1.19376.1.5.3.1.4.12 (2013-12-20)
Details	 Click here for all issue details



8.3.131 (epsos-issue-190) correct OID for EDQM standard terms

Issue	correct OID for EDQM standard terms
Id	epsos-issue-190
Type	Change Request
Status	 Closed, assigned
Priority	normal
Object(s)	Value set epsos-valueset2-2 (2013-06-03)
Details	 Click here for all issue details



8.3.132 (epsos-issue-132) hl7:effectiveTime datatype

Issue	hl7:effectiveTime datatype
Id	epsos-issue-132
Type	Change Request
Status	 Closed, assigned
Priority	normal
Labels	(M3) Milestone 3
Object(s)	Template Medical Devices 1.3.6.1.4.1.12559.11.10.1.3.1.3.5 (2013-12-20)
Details	 Click here for all issue details



8.3.133 (epsos-issue-254) Adapt Telecom element with relation to other elements

Issue	Adapt Telecom element with relation to other elements
Id	epsos-issue-254
Type	Change Request
Status	 Closed, assigned
Priority	normal
Object(s)	Template epSOS CDA documentationOf PCPR epsos-template-106 (2013-12-20)
Details	 Click here for all issue details



8.3.134 (epsos-issue-262) Adapt examples according to specification

Issue	Adapt examples according to specification
Id	epsos-issue-262
Type	Change Request
Status	 Closed, assigned
Priority	normal
Labels	(TBA) To be approved
Object(s)	Template epSOS CDA Supply 1.3.6.1.4.1.12559.11.10.1.3.1.3.3 (2013-12-20)
Details	 Click here for all issue details




8.3.135 (epsos-issue-270) Adapt form code example to contain the new OID for the EDQM code system

Issue	Adapt form code example to contain the new OID for the EDQM code system
Id	epsos-issue-270
Type	Change Request
Status	 Closed, assigned
Priority	normal
Object(s)	Template epSOS CDA Material epsos-template-143 (2013-12-20)
Details	 Click here for all issue details




8.3.136  **(epsos-issue-1) Add Thyroidectomy, Partial and Total**

Issue	Add Thyroidectomy, Partial and Total
Id	epsos-issue-1
Type	Change Request
Status	 Closed, assigned
Priority	normal
Object(s)	Value set epsos-valueset2-10 (2013-06-03)
Details	 Click here for all issue details



8.3.137  **(epsos-issue-138) Add constrains for the organizer attributes**

Issue	Add constrains for the organizer attributes
Id	epsos-issue-138
Type	Change Request
Status	 Closed, assigned
Priority	normal
Labels	 (M2) Milestone 2
Object(s)	Template Vital Signs Organizer 1.3.6.1.4.1.19376.1.5.3.1.4.13.1 (2013-12-20)
Details	 Click here for all issue details

8.3.138  **(epsos-issue-264) Add effective time element to Social History Observation**


Issue	Add effective time element to Social History Observation
Id	epsos-issue-264
Type	Change Request
Status	 Closed, assigned
Priority	normal
Labels	 (TBA) To be approved
Object(s)	Template Social History Observation 1.3.6.1.4.1.19376.1.5.3.1.4.13.4 (2013-12-20)
Details	 Click here for all issue details

8.3.139  **(epsos-issue-263) Add effective time element to Vital Signs Observation**


Issue	Add effective time element to Vital Signs Observation
Id	epsos-issue-263
Type	Change Request
Status	 Closed, assigned
Priority	normal
Labels	 (TBA) To be approved
Object(s)	Template Vital Signs Observation 1.3.6.1.4.1.19376.1.5.3.1.4.13.2 (2013-12-20)

Details	→ Click here for all issue details
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8.3.140 (epsos-issue-146) Add epSOS unstructured document specifications

Issue	Add epSOS unstructured document specifications
Id	epsos-issue-146
Type	Change Request
Status	 Closed, assigned
Priority	normal
Labels	(TBA) To be approved
Details	→ Click here for all issue details

8.3.141 (epsos-issue-252) Add nullFlavor possibility with NI fixed value to Telecom element




Issue	Add nullFlavor possibility with NI fixed value to Telecom element
Id	epsos-issue-252
Type	Change Request
Status	 Closed, assigned
Priority	normal
Object(s)	Template epSOS CDA documentationOf epsos-template-105 (2013-12-20)
Details	→ Click here for all issue details

8.3.142 (epsos-issue-3) Add prefix/suffix to Full Name


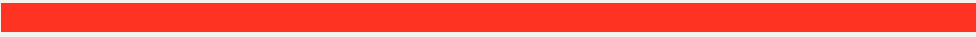

Issue	Add prefix/suffix to Full Name
Id	epsos-issue-3
Type	Change Request
Status	 Closed
Priority	normal
Object(s)	Data element epsos-dataelement-9 "Full Name" from dataset "epSOS Data Set" 2013-05-30 Path to element: Patient Data / Personal Information
	Data element epsos-dataelement-19 "Author Full Name" from dataset "epSOS Data Set" 2013-05-30 Path to element: Document Data / Author
	Data element epsos-dataelement-46 "Full Name" from dataset "epSOS Data Set" 2013-05-30 Path to element: Patient Data / Contact Information / Preferred HP to contact
	Data element epsos-dataelement-36 "Full Name" from dataset "epSOS Data Set" 2013-05-30 Path to element: Patient Data / Contact Information / Contact Person/legal guardian
Details	→ Click here for all issue details

8.3.143 (epsos-issue-116) Add text element




Issue	Add text element
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Id	epsos-issue-116
Type	Change Request
Status	 Closed, assigned
Priority	normal
Labels	 (M1) Milestone 1
Object(s)	Template Vital Signs Observation 1.3.6.1.4.1.19376.1.5.3.1.4.13.2 (2013-12-20)
Details	 Click here for all issue details



8.3.144 (epsos-issue-157) Cardinality of the name prefix and suffix

Issue	Cardinality of the name prefix and suffix
Id	epsos-issue-157
Type	Change Request
Status	 Closed, assigned
Priority	normal
Labels	 (M1) Milestone 1
Object(s)	Template epSOS CDA author epsos-template-102 (2013-12-20)
Details	 Click here for all issue details

8.3.145 (epsos-issue-52) Cardinality/nullFlavor for address (parts)




Issue	Cardinality/nullFlavor for address (parts)
Id	epsos-issue-52
Type	Change Request
Status	 Closed, assigned
Priority	normal
Labels	 (M3) Milestone 3
Details	 Click here for all issue details

8.3.146 (epsos-issue-256) Change Conformance of HCP assignedPerson family and given name according to documentation



Issue	Change Conformance of HCP assignedPerson family and given name according to documentation
Id	epsos-issue-256
Type	Change Request
Status	 Closed, assigned
Priority	normal
Object(s)	Template epSOS CDA author epsos-template-102 (2013-12-20)
Details	 Click here for all issue details

8.3.147 (epsos-issue-111) Change Section.code to be standard



Issue	Change Section.code to be standard
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Id	epsos-issue-111
Type	Change Request
Status	 Closed, assigned
Priority	normal
Labels	 (M1) Milestone 1
Object(s)	Template Section Coded Vital Signs 1.3.6.1.4.1.19376.1.5.3.1.1.5.3.2 (2013-12-20)
Details	 Click here for all issue details




8.3.148 (epsos-issue-246) Change cardinality of hl7:languageCode in recordTarget template

Issue	Change cardinality of hl7:languageCode in recordTarget template
Id	epsos-issue-246
Type	Change Request
Status	 Closed, assigned
Priority	normal
Object(s)	Template epSOS CDA recordTarget epsos-template-100 (2013-12-20)
Details	 Click here for all issue details




8.3.149 (epsos-issue-260) Change participant constraint text: replace inactive concept

Issue	Change participant constraint text: replace inactive concept
Id	epsos-issue-260
Type	Change Request
Status	 Closed, assigned
Priority	normal
Object(s)	Template Allergies And Intolerances 1.3.6.1.4.1.19376.1.5.3.1.4.6 (2013-12-20)
Details	 Click here for all issue details




8.3.150 (epsos-issue-266) Change the datatype of the effectiveTime for the Vital Signs Organizer from IVL_TS to TS

Issue	Change the datatype of the effectiveTime for the Vital Signs Organizer from IVL_TS to TS
Id	epsos-issue-266
Type	Change Request
Status	 Closed, assigned
Priority	normal
Labels	 (TBA) To be approved
Object(s)	Template Vital Signs Organizer 1.3.6.1.4.1.19376.1.5.3.1.4.13.1 (2013-12-20)
Details	 Click here for all issue details



8.3.151  (epsos-issue-162) Check and update EDQM OID

Issue	Check and update EDQM OID
Id	epsos-issue-162
Type	Change Request
Status	 Closed, assigned
Priority	normal
Labels	 (M1) Milestone 1
Details	 Click here for all issue details




8.3.152  (epsos-issue-140) Check effectivetime datatype

Issue	Check effectivetime datatype
Id	epsos-issue-140
Type	Clarification needed
Status	 Closed
Priority	normal
Labels	 (M3) Milestone 3
Object(s)	Template Vital Signs Organizer 1.3.6.1.4.1.19376.1.5.3.1.4.13.1 (2013-12-20)
Details	 Click here for all issue details




8.3.153  (epsos-issue-155) Clarification on the usage of doseQuantity

Issue	Clarification on the usage of doseQuantity
Id	epsos-issue-155
Type	Clarification needed
Status	 Closed
Priority	normal
Object(s)	Template Medication Item 1.3.6.1.4.1.12559.11.10.1.3.1.3.4 (2013-12-20)
Details	 Click here for all issue details




8.3.154  (epsos-issue-114) Code no value set bound

Issue	Code no value set bound
Id	epsos-issue-114
Type	Change Request
Status	 Closed
Priority	normal
Labels	 (M1) Milestone 1
Object(s)	Template Vital Signs Observation 1.3.6.1.4.1.19376.1.5.3.1.4.13.2 (2013-12-20)
Details	 Click here for all issue details




8.3.155  (epsos-issue-85) Concern entry ID

Issue	Concern entry ID
Id	epsos-issue-85
Type	Clarification needed
Status	 Closed, assigned
Priority	normal
Labels	 (M3) Milestone 3
Object(s)	Template Problem Concern 1.3.6.1.4.1.19376.1.5.3.1.4.5.2 (2013-12-20)
Details	 Click here for all issue details


8.3.156  (epsos-issue-87) Constrains on IVL_TS

Issue	Constrains on IVL_TS
Id	epsos-issue-87
Type	Clarification needed
Status	 Closed
Priority	normal
Labels	 (M1) Milestone 1
Object(s)	Template Problem Concern 1.3.6.1.4.1.19376.1.5.3.1.4.5.2 (2013-12-20)
Details	 Click here for all issue details

8.3.157  (epsos-issue-89) Data type of the obs.code


Issue	Data type of the obs.code
Id	epsos-issue-89
Type	Change Request
Status	 Closed, assigned
Priority	normal
Labels	 (M3) Milestone 3
Object(s)	Template Problem 1.3.6.1.4.1.19376.1.5.3.1.4.5 (2013-12-20)
Details	 Click here for all issue details

8.3.158  (epsos-issue-46) Definition "Advise to the dispenser"


Issue	Definition "Advise to the dispenser"
Id	epsos-issue-46
Type	Change Request
Status	 Closed, assigned
Priority	normal
Object(s)	Data element epsos-dataelement-142 "Advice to dispenser" from dataset "epSOS Data Set" 2013-05-30

	Path to element: Clinical Data / Medication / Prescription
Details	→ Click here for all issue details


8.3.159 (epsos-issue-45) Definition "Instructions to patient"

Issue	Definition "Instructions to patient"
Id	epsos-issue-45
Type	Change Request
Status	 Closed, assigned
Priority	normal
Object(s)	Data element epsos-dataelement-141 "Instructions to patient" from dataset "epSOS Data Set" 2013-05-30 Path to element: Clinical Data / Medication / Prescription
Details	→ Click here for all issue details


8.3.160 (epsos-issue-44) Definition "Route of administration"

Issue	Definition "Route of administration"
Id	epsos-issue-44
Type	Change Request
Status	 Closed, assigned
Priority	normal
Object(s)	Data element epsos-dataelement-140 "Route of administration" from dataset "epSOS Data Set" 2013-05-30 Path to element: Clinical Data / Medication / Prescription
Details	→ Click here for all issue details

8.3.161 (epsos-issue-243) Description of epsos:Ingredient is wrong



Issue	Description of epsos:Ingredient is wrong
Id	epsos-issue-243
Type	Change Request
Status	 Closed, assigned
Priority	normal
Object(s)	Template epSOS CDA ManufacturedProduct 1.3.6.1.4.1.12559.11.10.1.3.1.3.1 (2013-12-20)
Details	→ Click here for all issue details

8.3.162 (epsos-issue-40) Dispenser


Issue	Dispenser
Id	epsos-issue-40
Type	Change Request
Status	 Closed, assigned
Priority	normal
Object(s)	Data element epsos-dataelement-143 "Dispense" from dataset "epSOS Data Set" 2013-05-30

	Path to element: Clinical Data / Medication
Details	→ Click here for all issue details

8.3.163 (epsos-issue-83) DoseQuantity DT to be fixed

Issue	DoseQuantity DT to be fixed
Id	epsos-issue-83
Type	Change Request
Status	 Closed, assigned
Priority	normal
Labels	 (M1) Milestone 1
Object(s)	Template Immunizations 1.3.6.1.4.1.19376.1.5.3.1.4.12 (2013-12-20)
Details	→ Click here for all issue details


8.3.164 (epsos-issue-196) Fix some Cx.EPSOS DT definitions

Issue	Fix some Cx.EPSOS DT definitions
Id	epsos-issue-196
Type	Change Request
Status	 Closed
Priority	normal
Details	→ Click here for all issue details



8.3.165 (epsos-issue-125) Fix statusCode definitions

Issue	Fix statusCode definitions
Id	epsos-issue-125
Type	Change Request
Status	 Closed, assigned
Priority	normal
Labels	 (M1) Milestone 1
Details	→ Click here for all issue details



8.3.166 (epsos-issue-244) Fixed value for nullFlavor is inconsistent with description and former EXPAND documentation

Issue	Fixed value for nullFlavor is inconsistent with description and former EXPAND documentation
Id	epsos-issue-244
Type	Change Request
Status	 Closed, assigned
Priority	normal
Object(s)	Template epSOS CDA Organization epsos-template-111 (2013-12-20)
Details	→ Click here for all issue details




8.3.167 (epsos-issue-273) For reasons of clarity, every Social History Observation should have an id and

Issue	For reasons of clarity, every Social History Observation should have an id and
Id	epsos-issue-273
Type	Change Request
Status	 Closed, assigned
Priority	normal
Object(s)	Template Social History Observation 1.3.6.1.4.1.19376.1.5.3.1.4.13.4 (2013-12-20)
Details	 Click here for all issue details



8.3.168 (epsos-issue-152) IHE PCC templateId entry cannot be required

Issue	IHE PCC templateId entry cannot be required
Id	epsos-issue-152
Type	Change Request
Status	 Closed
Priority	normal
Object(s)	Template Medication Item 1.3.6.1.4.1.12559.11.10.1.3.1.3.4 (2013-12-20)
Details	 Click here for all issue details




8.3.169 (epsos-issue-56) Identification of the IHE PCC template version actually used

Issue	Identification of the IHE PCC template version actually used
Id	epsos-issue-56
Type	Clarification needed
Status	 Closed
Priority	normal
Labels	 (M2) Milestone 2
Object(s)	Template Section Coded Social History 1.3.6.1.4.1.19376.1.5.3.1.3.16.1 (2013-12-20)
Details	 Click here for all issue details




8.3.170 (epsos-issue-271) Implement changes related to Approved CP-018

Issue	Implement changes related to Approved CP-018
Id	epsos-issue-271
Type	Change Request
Status	 Closed, assigned
Priority	normal
Object(s)	Template epSOS-ePrescription 1.3.6.1.4.1.12559.11.10.1.3.1.1.1 (2013-12-20)
Details	 Click here for all issue details



8.3.171  (epsos-issue-142) **Improve example, it is too generic.**

Issue	Improve example, it is too generic.
Id	epsos-issue-142
Type	Clarification needed
Status	 Closed, assigned
Priority	normal
Labels	 (M3) Milestone 3
Object(s)	Template Pregnancy Observation 1.3.6.1.4.1.19376.1.5.3.1.4.13.5 (2013-12-20)
Details	 Click here for all issue details



8.3.172  (epsos-issue-145) **Include footnote from Text Spec**

Issue	Include footnote from Text Spec
Id	epsos-issue-145
Type	Change Request
Status	 Closed, assigned
Priority	normal
Labels	 (M1) Milestone 1
Object(s)	Template Section Coded List of Surgeries 1.3.6.1.4.1.19376.1.5.3.1.3.12 (2013-12-20)
Details	 Click here for all issue details

8.3.173  (epsos-issue-6) **Invalidity Id code does not have a valueset**


Issue	Invalidity Id code does not have a valueset
Id	epsos-issue-6
Type	Clarification needed
Status	 Closed, assigned
Priority	normal
Object(s)	Data element epsos-dataelement-100 "Invalidity code" from dataset "epSOS Data Set" 2013-05-30 Path to element: Clinical Data / Medical Problems / Disability or function
Details	 Click here for all issue details

8.3.174  (epsos-issue-102) **Medication entry cardinality**


Issue	Medication entry cardinality
Id	epsos-issue-102
Type	Change Request
Status	 Closed, assigned
Priority	normal
Labels	 (M1) Milestone 1

Object(s)	Template Section Medication Summary 1.3.6.1.4.1.12559.11.10.1.3.1.2.3 (2013-12-20)
Details	→ Click here for all issue details


8.3.175 (epsos-issue-50) Missing concepts for Dispenser?

Issue	Missing concepts for Dispenser?
Id	epsos-issue-50
Type	Change Request
Status	 Closed, assigned
Priority	normal
Labels	<div style="background-color: #90EE90; height: 15px; margin-bottom: 5px;"></div> (M4) Milestone 4
Object(s)	Data element epsos-dataelement-247 "Dispenser" from dataset "epSOS Data Set" 2013-05-30 Path to element: Clinical Data / Medication / Dispense
Details	→ Click here for all issue details

8.3.176 (epsos-issue-113) Missing id in template





Issue	Missing id in template
Id	epsos-issue-113
Type	Change Request
Status	 Closed, assigned
Priority	normal
Labels	<div style="background-color: #FF0000; height: 15px; margin-bottom: 5px;"></div> (M1) Milestone 1
Object(s)	Template Vital Signs Observation 1.3.6.1.4.1.19376.1.5.3.1.4.13.2 (2013-12-20)
Details	→ Click here for all issue details

8.3.177 (epsos-issue-47) Missing value set binding for Health Care Alert code





Issue	Missing value set binding for Health Care Alert code
Id	epsos-issue-47
Type	Clarification needed
Status	 Closed, assigned
Priority	normal
Labels	<div style="background-color: #FFFF00; height: 15px; margin-bottom: 5px;"></div> (M3) Milestone 3
Object(s)	Data element epsos-dataelement-216 "Health Care Alert code" from dataset "epSOS Data Set" 2013-05-30 Path to element: Clinical Data / Alerts / Medical Alert Information
Details	→ Click here for all issue details

8.3.178 (epsos-issue-49) Missing value set binding for Prescriber Speciality




Issue	Missing value set binding for Prescriber Speciality
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Id	epsos-issue-49
Type	Change Request
Status	 Closed, assigned
Priority	normal
Labels	 (M3) Milestone 3  (TBA) To be approved
Object(s)	Data element epsos-dataelement-238 "Prescriber Speciality" from dataset "epSOS Data Set" 2013-05-30 Path to element: Clinical Data / Medication / Prescription / Prescriber
Details	 Click here for all issue details

8.3.179 (epsos-issue-48) Missing value set binding for Treatment code



Issue	Missing value set binding for Treatment code
Id	epsos-issue-48
Type	Clarification needed
Status	 Closed, assigned
Priority	normal
Labels	 (M3) Milestone 3  (TBA) To be approved
Object(s)	Data element epsos-dataelement-130 "Treatment code" from dataset "epSOS Data Set" 2013-05-30 Path to element: Clinical Data / Medical Problems / Treatments
Details	 Click here for all issue details

8.3.180 (epsos-issue-119) Multiplicity in EntrySimpleObservation



Issue	Multiplicity in EntrySimpleObservation
Id	epsos-issue-119
Type	Change Request
Status	 Closed
Priority	normal
Labels	 (M1) Milestone 1
Object(s)	Template Simple Observation 1.3.6.1.4.1.19376.1.5.3.1.4.13 (2013-12-20)
Details	 Click here for all issue details

8.3.181 (epsos-issue-41) Prescriber



Issue	Prescriber
Id	epsos-issue-41
Type	Clarification needed

Status	 Closed, assigned
Priority	normal
Object(s)	Data element epsos-dataelement-102 "Prescription" from dataset "epSOS Data Set" 2013-05-30 Path to element: Clinical Data / Medication
Details	 Click here for all issue details



8.3.182 (epsos-issue-70) Product information duplicated ?

Issue	Product information duplicated ?
Id	epsos-issue-70
Type	Clarification needed
Status	 Closed, assigned
Priority	normal
Labels	<div style="background-color: red; height: 15px; width: 100%;"></div> (M1) Milestone 1
Object(s)	Template Immunizations 1.3.6.1.4.1.19376.1.5.3.1.4.12 (2013-12-20)
Details	 Click here for all issue details

8.3.183 (epsos-issue-7) Relationship between allergy code / agent code



Issue	Relationship between allergy code / agent code
Id	epsos-issue-7
Type	Clarification needed
Status	 Closed, assigned
Priority	normal
Object(s)	Data element epsos-dataelement-58 "Allergy" from dataset "epSOS Data Set" 2013-05-30 Path to element: Clinical Data
Details	 Click here for all issue details

8.3.184 (epsos-issue-245) Relax the constraint that the hl7:code shall be from value set 1.3.6.1.4.1.12559.11.10.1.3.1.42.23 epSOSCodeProb (DYNAMIC)




Issue	Relax the constraint that the hl7:code shall be from value set 1.3.6.1.4.1.12559.11.10.1.3.1.42.23 epSOSCodeProb (DYNAMIC)
Id	epsos-issue-245
Type	Change Request
Status	 Closed, assigned
Priority	normal
Object(s)	Template Problem 1.3.6.1.4.1.19376.1.5.3.1.4.5 (2013-12-20)
Details	 Click here for all issue details

8.3.185 (epsos-issue-258) Remove lock from template


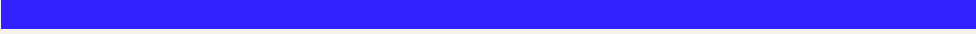

Issue	Remove lock from template
Id	epsos-issue-258

Type	Change Request
Status	 Closed, assigned
Priority	normal
Object(s)	Template CDA Number of Packages 1.3.6.1.4.1.12559.11.10.1.3.1.3.6 (2017-12-21 15:44:42)
Details	 Click here for all issue details



8.3.186 (epsos-issue-267) Remove the textual constraint to the CCD template for the Allergies reaction observation

Issue	Remove the textual constraint to the CCD template for the Allergies reaction observation
Id	epsos-issue-267
Type	Change Request
Status	 Closed, assigned
Priority	normal
Labels	 (TBA) To be approved
Object(s)	Template Immunizations 1.3.6.1.4.1.19376.1.5.3.1.4.12 (2013-12-20)
Details	 Click here for all issue details

8.3.187 (epsos-issue-268) Restrict effective Time in the entries of the Medical Devices Section




Issue	Restrict effective Time in the entries of the Medical Devices Section
Id	epsos-issue-268
Type	Change Request
Status	 Closed, assigned
Priority	normal
Labels	 (TBA) To be approved
Object(s)	Template Medical Devices 1.3.6.1.4.1.12559.11.10.1.3.1.3.5 (2013-12-20)
Details	 Click here for all issue details

8.3.188 (epsos-issue-269) Restrict the cardinality on the entries of a Prescription


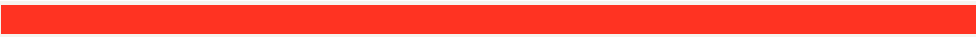

Issue	Restrict the cardinality on the entries of a Prescription
Id	epsos-issue-269
Type	Change Request
Status	 Closed, assigned
Priority	normal
Object(s)	Template Section Prescription 1.3.6.1.4.1.12559.11.10.1.3.1.2.1 (2013-12-20)
Details	 Click here for all issue details

8.3.189 (epsos-issue-74) Revision of Section Allergies and Other Adverse Reactions




Issue	Revision of Section Allergies and Other Adverse Reactions
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Id	epsos-issue-74
Type	Clarification needed
Status	 Closed, assigned
Priority	normal
Labels	 (M1) Milestone 1
Object(s)	Template Section Allergies and Other Adverse Reactions 1.3.6.1.4.1.19376.1.5.3.1.3.13 (2013-12-20)
Details	 Click here for all issue details




8.3.190 (epsos-issue-80) Revision of Section Pregnancy History

Issue	Revision of Section Pregnancy History
Id	epsos-issue-80
Type	Clarification needed
Status	 Closed, assigned
Priority	normal
Labels	 (M1) Milestone 1
Object(s)	Template Section Pregnancy History 1.3.6.1.4.1.19376.1.5.3.1.1.5.3.4 (2013-12-20)
Details	 Click here for all issue details




8.3.191 (epsos-issue-76) Revision of Section Coded List of Surgeries

Issue	Revision of Section Coded List of Surgeries
Id	epsos-issue-76
Type	Change Request
Status	 Closed, assigned
Priority	normal
Labels	 (M1) Milestone 1
Object(s)	Template Section Coded List of Surgeries 1.3.6.1.4.1.19376.1.5.3.1.3.12 (2013-12-20)
Details	 Click here for all issue details




8.3.192 (epsos-issue-73) Revision of Section Coded Results

Issue	Revision of Section Coded Results
Id	epsos-issue-73
Type	Clarification needed
Status	 Closed, assigned
Priority	normal
Labels	 (M3) Milestone 3
Object(s)	Template 1.3.6.1.4.1.19376.1.5.3.1.3.28 (2013-12-20)
Details	 Click here for all issue details




8.3.193 (epsos-issue-81) Revision of Section Coded Vital Signs

Issue	Revision of Section Coded Vital Signs
Id	epsos-issue-81
Type	Clarification needed
Status	 Closed, assigned
Priority	normal
Labels	 (M1) Milestone 1
Object(s)	Template Section Coded Vital Signs 1.3.6.1.4.1.19376.1.5.3.1.1.5.3.2 (2013-12-20)
Details	 Click here for all issue details


8.3.194 (epsos-issue-79) Revision of Section Functional Status

Issue	Revision of Section Functional Status
Id	epsos-issue-79
Type	Change Request
Status	 Closed, assigned
Priority	normal
Labels	 (M1) Milestone 1
Object(s)	Template Section Functional Status 1.3.6.1.4.1.19376.1.5.3.1.3.17 (2013-12-20)
Details	 Click here for all issue details

8.3.195 (epsos-issue-78) Revision of Section Health Maintenance Care Plan


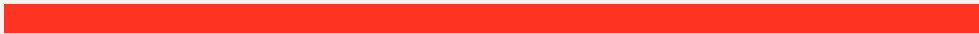
Issue	Revision of Section Health Maintenance Care Plan
Id	epsos-issue-78
Type	Clarification needed
Status	 Closed, assigned
Priority	normal
Labels	 (M3) Milestone 3
Object(s)	Template Section Health Maintenance Care Plan 1.3.6.1.4.1.19376.1.5.3.1.1.9.50 (2013-12-20)
Details	 Click here for all issue details

8.3.196 (epsos-issue-77) Revision of Section Medical Devices Coded



Issue	Revision of Section Medical Devices Coded
Id	epsos-issue-77
Type	Change Request
Status	 Closed, assigned
Priority	normal
Object(s)	Template Section Medical Devices Coded 1.3.6.1.4.1.12559.11.10.1.3.1.2.4 (2013-12-20)

Details	→ Click here for all issue details
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8.3.197 (epsos-issue-103) Revision of Section Medication Summary

Issue	Revision of Section Medication Summary
Id	epsos-issue-103
Type	Change Request
Status	 Closed, assigned
Priority	normal
Labels	 (M1) Milestone 1
Object(s)	Template Section Medication Summary 1.3.6.1.4.1.12559.11.10.1.3.1.2.3 (2013-12-20)
Details	→ Click here for all issue details

8.3.198 (epsos-issue-75) Revision of Sections History of Past Illness and Active Problems



Issue	Revision of Sections History of Past Illness and Active Problems
Id	epsos-issue-75
Type	Change Request
Status	 Closed, assigned
Priority	normal
Labels	 (M1) Milestone 1
Object(s)	Template Section Active Problems 1.3.6.1.4.1.19376.1.5.3.1.3.6 (2013-12-20) Template Section History of Past Illness 1.3.6.1.4.1.19376.1.5.3.1.3.8 (2013-12-20)
Details	→ Click here for all issue details

8.3.199 (epsos-issue-208) Schema Error for draft element "hl7:desc"



Issue	Schema Error for draft element "hl7:desc"
Id	epsos-issue-208
Type	Change Request
Status	 Closed, assigned
Priority	normal
Labels	 (TBA) To be approved
Object(s)	Template epSOS CDA Material epsos-template-143 (2013-12-20)
Details	→ Click here for all issue details

8.3.200 (epsos-issue-249) Set Telecom element in line with usages in other templates




Issue	Set Telecom element in line with usages in other templates
Id	epsos-issue-249
Type	Change Request

Status	 Closed, assigned
Priority	normal
Object(s)	Template epSOS CDA legalAuthenticator epsos-template-109 (2013-12-20)
Details	 Click here for all issue details

8.3.201 (epsos-issue-158) SignatureCode fixed to "S"

Issue	SignatureCode fixed to "S"
Id	epsos-issue-158
Type	Change Request
Status	 Closed
Priority	normal
Object(s)	Template epSOS CDA legalAuthenticator epsos-template-109 (2013-12-20)
Details	 Click here for all issue details

8.3.202 (epsos-issue-42) Status


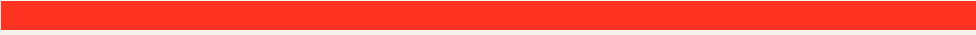

Issue	Status
Id	epsos-issue-42
Type	Clarification needed
Status	 Closed, assigned
Priority	normal
Labels	 (M3) Milestone 3
Object(s)	Data element epsos-dataelement-101 "Medication" from dataset "epSOS Data Set" 2013-05-30 Path to element: Clinical Data
Details	 Click here for all issue details

8.3.203 (epsos-issue-207) Support for Multiple Active ingredient in ART-DECOR



Issue	Support for Multiple Active ingredient in ART-DECOR
Id	epsos-issue-207
Type	Change Request
Status	 Closed, assigned
Priority	normal
Labels	 (TBA) To be approved
Object(s)	Template epSOS CDA Material epsos-template-143 (2013-12-20)
Details	 Click here for all issue details

8.3.204 (epsos-issue-98) Text element: add constrain




Issue	Text element: add constrain
Id	epsos-issue-98
Type	Change Request

Status	 Closed
Priority	normal
Labels	 (M1) Milestone 1
Object(s)	Template Comment 1.3.6.1.4.1.19376.1.5.3.1.4.2 (2013-12-20)
	Template Entry Health Status Observation 1.3.6.1.4.1.19376.1.5.3.1.4.1.2 (2013-12-20)
	Template Entry Problem Status Observation 1.3.6.1.4.1.19376.1.5.3.1.4.1.1 (2013-12-20)
Details	 Click here for all issue details




8.3.205 (epsos-issue-234) The maximum multiplicity SHALL be lower or equals to the maximum multiplicity from the CDA model [CDATEMP-005]

Issue	The maximum multiplicity SHALL be lower or equals to the maximum multiplicity from the CDA model [CDATEMP-005]
Id	epsos-issue-234
Type	Change Request
Status	 Closed, assigned
Priority	normal
Object(s)	Template epSOS CDA Organization epsos-template-111 (2013-12-20)
Details	 Click here for all issue details



8.3.206 (epsos-issue-122) Typo in Description

Issue	Typo in Description
Id	epsos-issue-122
Type	Change Request
Status	 Closed, assigned
Priority	normal
Labels	 (M1) Milestone 1
Object(s)	Template epSOS CDA ManufacturedProduct 1.3.6.1.4.1.12559.11.10.1.3.1.3.1 (2013-12-20)
Details	 Click here for all issue details



8.3.207 (epsos-issue-60) Update example

Issue	Update example
Id	epsos-issue-60
Type	Change Request
Status	 Closed, assigned
Priority	normal
Labels	 (M3) Milestone 3
Object(s)	Template Social History Observation 1.3.6.1.4.1.19376.1.5.3.1.4.13.4 (2013-12-20)
Details	 Click here for all issue details



8.3.208 (epsos-issue-120) Update the actStatus

Issue	Update the actStatus
Id	epsos-issue-120
Type	Change Request
Status	 Closed, assigned
Priority	normal
Labels	<div style="background-color: yellow; height: 15px; width: 100%;"></div> (M3) Milestone 3
Object(s)	Template Procedure 1.3.6.1.4.1.19376.1.5.3.1.4.19 (2013-12-20)
Details	 Click here for all issue details


8.3.209 (epsos-issue-154) Update the doseQuantity description

Issue	Update the doseQuantity description
Id	epsos-issue-154
Type	Change Request
Status	 Closed
Priority	normal
Object(s)	Template Medication Item 1.3.6.1.4.1.12559.11.10.1.3.1.3.4 (2013-12-20)
Details	 Click here for all issue details

8.3.210 (epsos-issue-72) Update the value sets based on latest MVC


Issue	Update the value sets based on latest MVC
Id	epsos-issue-72
Type	Change Request
Status	 Closed, assigned
Priority	normal
Labels	<div style="background-color: yellow; height: 15px; width: 100%;"></div> (M3) Milestone 3
Object(s)	Value set epsos-valueset2-8 (2013-06-03)
Details	 Click here for all issue details

8.3.211 (epsos-issue-201) Update to 4-char ICD


Issue	Update to 4-char ICD
Id	epsos-issue-201
Type	Change Request
Status	 Closed, assigned
Priority	normal
Labels	<div style="background-color: blue; height: 15px; width: 100%;"></div> (TBA) To be approved
Object(s)	Value set epsos-valueset2-5 (2013-06-03)

Details	→ Click here for all issue details
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8.3.212 (epsos-issue-118) Use of methodCode and targetSiteCode

Issue	Use of methodCode and targetSiteCode
Id	epsos-issue-118
Type	Change Request
Status	 Closed, assigned
Priority	normal
Labels	(M3) Milestone 3
Object(s)	Template Vital Signs Observation 1.3.6.1.4.1.19376.1.5.3.1.4.13.2 (2013-12-20)
Details	→ Click here for all issue details


8.3.213 (epsos-issue-149) Value set 2.16.840.1.113883.1.11.19708 ActSubstanceAdministrationCode

Issue	Value set 2.16.840.1.113883.1.11.19708 ActSubstanceAdministrationCode
Id	epsos-issue-149
Type	Change Request
Status	 Closed
Priority	normal
Object(s)	Template Medication Item 1.3.6.1.4.1.12559.11.10.1.3.1.3.4 (2013-12-20)
Details	→ Click here for all issue details



8.3.214 (epsos-issue-8) Value set epSOSActCode without dataset binding

Issue	Value set epSOSActCode without dataset binding
Id	epsos-issue-8
Type	Clarification needed
Status	 Closed, assigned
Priority	normal
Object(s)	Value set epsos-valueset2-29 (2013-06-03)
Details	→ Click here for all issue details



8.3.215 (epsos-issue-9) Value set epSOSActSite without dataset binding

Issue	Value set epSOSActSite without dataset binding
Id	epsos-issue-9
Type	Clarification needed
Status	 Closed, assigned
Priority	normal
Object(s)	Value set epsos-valueset2-44 (2013-06-03)
Details	→ Click here for all issue details




8.3.216  **(epsos-issue-22) Value set epSOSBloodPressure without dataset binding**

Issue	Value set epSOSBloodPressure without dataset binding
Id	epsos-issue-22
Type	Clarification needed
Status	 Closed, assigned
Priority	normal
Object(s)	Value set epsos-valueset2-21 (2013-06-03)
Details	 Click here for all issue details



8.3.217  **(epsos-issue-23) Value set epSOSCodeNoMedication without dataset binding**

Issue	Value set epSOSCodeNoMedication without dataset binding
Id	epsos-issue-23
Type	Clarification needed
Status	 Closed, assigned
Priority	normal
Object(s)	Value set epsos-valueset2-22 (2013-06-03)
Details	 Click here for all issue details



8.3.218  **(epsos-issue-24) Value set epSOSCodeProb without dataset binding**

Issue	Value set epSOSCodeProb without dataset binding
Id	epsos-issue-24
Type	Clarification needed
Status	 Closed, assigned
Priority	normal
Labels	 (M1) Milestone 1
Object(s)	Value set epsos-valueset2-23 (2013-06-03)
Details	 Click here for all issue details



8.3.219  **(epsos-issue-26) Value set epSOSConfidentiality without dataset binding**

Issue	Value set epSOSConfidentiality without dataset binding
Id	epsos-issue-26
Type	Clarification needed
Status	 Closed, assigned
Priority	normal
Object(s)	Value set epsos-valueset2-31 (2013-06-03)
Details	 Click here for all issue details



8.3.220  **(epsos-issue-27) Value set epSOSDocumentCode without dataset binding**

Issue	Value set epSOSDocumentCode without dataset binding
Id	epsos-issue-27
Type	Clarification needed
Status	 Closed, assigned
Priority	normal
Object(s)	Value set epsos-valueset2-32 (2013-06-03)
Details	 Click here for all issue details



8.3.221  **(epsos-issue-11) Value set epSOSDoseForm without dataset binding**

Issue	Value set epSOSDoseForm without dataset binding
Id	epsos-issue-11
Type	Clarification needed
Status	 Closed, assigned
Priority	normal
Object(s)	Value set epsos-valueset2-2 (2013-06-03)
Details	 Click here for all issue details

8.3.222  **(epsos-issue-28) Value set epSOSEntityNamePartQualifier without dataset binding**

Issue	Value set epSOSEntityNamePartQualifier without dataset binding
Id	epsos-issue-28
Type	Clarification needed
Status	 Closed
Priority	normal
Object(s)	Value set epsos-valueset2-33 (2013-06-03)
Details	 Click here for all issue details

8.3.223  **(epsos-issue-10) Value set epSOSHealthcareProfessionalRoles without dataset binding**



Issue	Value set epSOSHealthcareProfessionalRoles without dataset binding
Id	epsos-issue-10
Type	Clarification needed
Status	 Closed
Priority	normal
Object(s)	Value set epsos-valueset2-1 (2013-06-03)
Details	 Click here for all issue details

8.3.224  **(epsos-issue-29) Value set epSOSIHEActCode without dataset binding**



Issue	Value set epSOSIHEActCode without dataset binding
Id	epsos-issue-29

Type	Clarification needed
Status	 Closed, assigned
Priority	normal
Object(s)	Value set epsos-valueset2-35 (2013-06-03)
Details	 Click here for all issue details



8.3.225 (epsos-issue-30) Value set epSOSIHERoleCode without dataset binding

Issue	Value set epSOSIHERoleCode without dataset binding
Id	epsos-issue-30
Type	Clarification needed
Status	 Closed, assigned
Priority	normal
Object(s)	Value set epsos-valueset2-36 (2013-06-03)
Details	 Click here for all issue details


8.3.226 (epsos-issue-12) Value set epSOSIllnessesAndDisorders without dataset binding

Issue	Value set epSOSIllnessesAndDisorders without dataset binding
Id	epsos-issue-12
Type	Clarification needed
Status	 Closed, assigned
Priority	normal
Object(s)	Value set epsos-valueset2-5 (2013-06-03)
Details	 Click here for all issue details

8.3.227 (epsos-issue-13) Value set epSOSLanguage without dataset binding


Issue	Value set epSOSLanguage without dataset binding
Id	epsos-issue-13
Type	Clarification needed
Status	 Closed, assigned
Priority	normal
Object(s)	Value set epsos-valueset2-6 (2013-06-03)
Details	 Click here for all issue details

8.3.228 (epsos-issue-15) Value set epSOSMedicalDevices without dataset binding


Issue	Value set epSOSMedicalDevices without dataset binding
Id	epsos-issue-15
Type	Clarification needed
Status	 Closed, assigned
Priority	normal
Object(s)	Value set epsos-valueset2-8 (2013-06-03)

Details	→ Click here for all issue details
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8.3.229 (epsos-issue-36) Value set epSOSObservationInterpretation without dataset binding

Issue	Value set epSOSObservationInterpretation without dataset binding
Id	epsos-issue-36
Type	Clarification needed
Status	 Closed
Priority	normal
Object(s)	Value set epsos-valueset2-43 (2013-06-03)
Details	→ Click here for all issue details


8.3.230 (epsos-issue-31) Value set epSOSPersonalRelationship without dataset binding

Issue	Value set epSOSPersonalRelationship without dataset binding
Id	epsos-issue-31
Type	Clarification needed
Status	 Closed, assigned
Priority	normal
Labels	<div style="background-color: red; height: 15px; width: 100%;"></div> (M1) Milestone 1
Object(s)	Value set epsos-valueset2-38 (2013-06-03)
Details	→ Click here for all issue details



8.3.231 (epsos-issue-16) Value set epSOSPregnancyInformation without dataset binding

Issue	Value set epSOSPregnancyInformation without dataset binding
Id	epsos-issue-16
Type	Clarification needed
Status	 Closed, assigned
Priority	normal
Object(s)	Value set epsos-valueset2-9 (2013-06-03)
Details	→ Click here for all issue details



8.3.232 (epsos-issue-17) Value set epSOSReactionAllergy without dataset binding

Issue	Value set epSOSReactionAllergy without dataset binding
Id	epsos-issue-17
Type	Clarification needed
Status	 Closed, assigned
Priority	normal
Object(s)	Value set epsos-valueset2-11 (2013-06-03)
Details	→ Click here for all issue details



8.3.233  (epsos-issue-32) Value set epSOSRoleClass without dataset binding

Issue	Value set epSOSRoleClass without dataset binding
Id	epsos-issue-32
Type	Clarification needed
Status	 Closed, assigned
Priority	normal
Labels	<div style="background-color: red; height: 15px; width: 100%;"></div> (M1) Milestone 1
Object(s)	Issue epsos-issue-38 Value set epsos-valueset2-39 (2013-06-03)
Details	 Click here for all issue details



8.3.234  (epsos-issue-25) Value set epSOSSections without dataset binding

Issue	Value set epSOSSections without dataset binding
Id	epsos-issue-25
Type	Clarification needed
Status	 Closed, assigned
Priority	normal
Object(s)	Value set epsos-valueset2-26 (2013-06-03)
Details	 Click here for all issue details



8.3.235  (epsos-issue-18) Value set epSOSSeverity without dataset binding

Issue	Value set epSOSSeverity without dataset binding
Id	epsos-issue-18
Type	Clarification needed
Status	 Closed, assigned
Priority	normal
Object(s)	Value set epsos-valueset2-13 (2013-06-03)
Details	 Click here for all issue details




8.3.236  (epsos-issue-19) Value set epSOSStatusCode without dataset binding

Issue	Value set epSOSStatusCode without dataset binding
Id	epsos-issue-19
Type	Clarification needed
Status	 Closed, assigned
Priority	normal
Object(s)	Value set epsos-valueset2-15 (2013-06-03)
Details	 Click here for all issue details



8.3.237 (epsos-issue-14) Value set epSOSSubstitutionCodes without dataset binding

Issue	Value set epSOSSubstitutionCodes without dataset binding
Id	epsos-issue-14
Type	Clarification needed
Status	 Closed, assigned
Priority	normal
Object(s)	Value set epsos-valueset2-7 (2013-06-03)
Details	 Click here for all issue details



8.3.238 (epsos-issue-33) Value set epSOSTimingAddress without dataset binding

Issue	Value set epSOSTimingAddress without dataset binding
Id	epsos-issue-33
Type	Clarification needed
Status	 Closed, assigned
Priority	normal
Labels	 (M1) Milestone 1
Object(s)	Value set epsos-valueset2-40 (2013-06-03)
Details	 Click here for all issue details



8.3.239 (epsos-issue-34) Value set epSOSTmingEvent without dataset binding

Issue	Value set epSOSTmingEvent without dataset binding
Id	epsos-issue-34
Type	Clarification needed
Status	 Closed
Priority	normal
Object(s)	Value set epsos-valueset2-41 (2013-06-03)
Details	 Click here for all issue details



8.3.240 (epsos-issue-35) Value set epSOSURL without dataset binding

Issue	Value set epSOSURL without dataset binding
Id	epsos-issue-35
Type	Clarification needed
Status	 Closed
Priority	normal
Object(s)	Value set epsos-valueset2-42 (2013-06-03)
Details	 Click here for all issue details




8.3.241  **(epsos-issue-20) Value set epSOSUnits without dataset binding**

Issue	Value set epSOSUnits without dataset binding
Id	epsos-issue-20
Type	Clarification needed
Status	 Closed, assigned
Priority	normal
Object(s)	Value set epsos-valueset2-16 (2013-06-03)
Details	 Click here for all issue details




8.3.242  **(epsos-issue-21) Value set epSOSUnknownInformation without dataset binding**

Issue	Value set epSOSUnknownInformation without dataset binding
Id	epsos-issue-21
Type	Clarification needed
Status	 Closed, assigned
Priority	normal
Object(s)	Value set epsos-valueset2-17 (2013-06-03)
Details	 Click here for all issue details



8.3.243  **(epsos-issue-195) XML namespace for epSOS medication extensions**

Issue	XML namespace for epSOS medication extensions
Id	epsos-issue-195
Type	Clarification needed
Status	 Closed, assigned
Priority	normal
Labels	 (TBA) To be approved
Object(s)	Template Medication Item 1.3.6.1.4.1.12559.11.10.1.3.1.3.4 (2013-12-20)
Details	 Click here for all issue details



8.3.244  **(epsos-issue-202) act.id conformance: not mandatory**

Issue	act.id conformance: not mandatory
Id	epsos-issue-202
Type	Change Request
Status	 Closed, assigned
Priority	normal
Labels	 (TBA) To be approved
Object(s)	Template Allergy and Intolerance Concern 1.3.6.1.4.1.19376.1.5.3.1.4.5.3 (2013-12-20)
Details	 Click here for all issue details



8.3.245 (epsos-issue-93) add attributes to the entryRelationship

Issue	add attributes to the entryRelationship
Id	epsos-issue-93
Type	Change Request
Status	 Closed
Priority	normal
Labels	<div style="background-color: red; height: 15px; width: 100%;"></div> (M1) Milestone 1
Object(s)	Template Problem 1.3.6.1.4.1.19376.1.5.3.1.4.5 (2013-12-20)
Details	 Click here for all issue details


8.3.246 (epsos-issue-129) add manufacturedProduct/manufacturedMaterial/epsos:asSpecializedKind/epsos:generalizedMedicineClass/epsos:name element

Issue	add manufacturedProduct/manufacturedMaterial/epsos:asSpecializedKind/epsos:generalizedMedicineClass/epsos:name element
Id	epsos-issue-129
Type	Change Request
Status	 Closed, assigned
Priority	normal
Labels	<div style="background-color: yellow; height: 15px; width: 100%;"></div> (M3) Milestone 3
Object(s)	Template epSOS CDA ManufacturedProduct 1.3.6.1.4.1.12559.11.10.1.3.1.3.1 (2013-12-20)
Details	 Click here for all issue details

8.3.247 (epsos-issue-257) added the templateId element


Issue	added the templateId element
Id	epsos-issue-257
Type	Change Request
Status	 Closed, assigned
Priority	normal
Object(s)	Template CDA Number of Packages 1.3.6.1.4.1.12559.11.10.1.3.1.3.6 (2017-12-21 15:44:42)
Details	 Click here for all issue details

8.3.248 (epsos-issue-186) allow for multiple entries


Issue	allow for multiple entries
Id	epsos-issue-186
Type	Change Request
Status	 Closed, assigned
Priority	normal
Labels	<div style="background-color: blue; height: 15px; width: 100%;"></div> (TBA) To be approved

Object(s)	Template Section Allergies and Other Adverse Reactions 1.3.6.1.4.1.19376.1.5.3.1.3.13 (2013-12-20)
Details	→ Click here for all issue details


8.3.249 (epsos-issue-198) allow for multiple entries

Issue	allow for multiple entries
Id	epsos-issue-198
Type	Change Request
Status	 Closed
Priority	normal
Labels	<div style="background-color: blue; height: 15px; width: 100%;"></div> (TBA) To be approved
Object(s)	Template Section Active Problems 1.3.6.1.4.1.19376.1.5.3.1.3.6 (2013-12-20)
Details	→ Click here for all issue details

8.3.250 (epsos-issue-66) approachSiteCode




Issue	approachSiteCode
Id	epsos-issue-66
Type	Clarification needed
Status	 Closed, assigned
Priority	normal
Labels	<div style="background-color: yellow; height: 15px; width: 100%;"></div> (M3) Milestone 3
Object(s)	Issue routeofAdm and apporach site epsos-issue-65 Template Immunizations 1.3.6.1.4.1.19376.1.5.3.1.4.12 (2013-12-20)
Details	→ Click here for all issue details

8.3.251 (epsos-issue-128) asSpecializedKind/epsos:generalizedMedicineClass/epsos:code voc binding missing




Issue	asSpecializedKind/epsos:generalizedMedicineClass/epsos:code voc binding missing
Id	epsos-issue-128
Type	Change Request
Status	 Closed, assigned
Priority	normal
Labels	<div style="background-color: yellow; height: 15px; width: 100%;"></div> (M3) Milestone 3
Object(s)	Template epSOS CDA ManufacturedProduct 1.3.6.1.4.1.12559.11.10.1.3.1.3.1 (2013-12-20)
Details	→ Click here for all issue details

8.3.252 (epsos-issue-213) can not have more than one legalAuthenticator




Issue	can not have more than one legalAuthenticator
Id	epsos-issue-213

Type	Change Request
Status	 Closed, assigned
Priority	normal
Labels	 (TBA) To be approved
Object(s)	Template epSOS-ePrescription 1.3.6.1.4.1.12559.11.10.1.3.1.1.1 (2013-12-20)
Details	 Click here for all issue details




8.3.253 (epsos-issue-107) cardinality observation/value

Issue	cardinality observation/value
Id	epsos-issue-107
Type	Change Request
Status	 Closed, assigned
Priority	normal
Labels	 (M1) Milestone 1
Object(s)	Template Pregnancy Observation 1.3.6.1.4.1.19376.1.5.3.1.4.13.5 (2013-12-20)
Details	 Click here for all issue details



8.3.254 (epsos-issue-110) cardinality of Procedure entry

Issue	cardinality of Procedure entry
Id	epsos-issue-110
Type	Change Request
Status	 Closed, assigned
Priority	normal
Labels	 (M1) Milestone 1
Object(s)	Template Section Coded List of Surgeries 1.3.6.1.4.1.19376.1.5.3.1.3.12 (2013-12-20)
Details	 Click here for all issue details



8.3.255 (epsos-issue-139) change the constrain about code@displayName

Issue	change the constrain about code@displayName
Id	epsos-issue-139
Type	Change Request
Status	 Closed
Priority	normal
Labels	 (M3) Milestone 3
Object(s)	Template Vital Signs Organizer 1.3.6.1.4.1.19376.1.5.3.1.4.13.1 (2013-12-20)
Details	 Click here for all issue details



8.3.256  **(epsos-issue-141) change the reference for the Vital Signs Obs**

Issue	change the reference for the Vital Signs Obs
Id	epsos-issue-141
Type	Change Request
Status	 Closed, assigned
Priority	normal
Labels	(M2) Milestone 2
Object(s)	Template Vital Signs Organizer 1.3.6.1.4.1.19376.1.5.3.1.4.13.1 (2013-12-20)
Details	 Click here for all issue details

8.3.257  **(epsos-issue-86) concern entri statuscode voc binding**

Issue	concern entri statuscode voc binding
Id	epsos-issue-86
Type	Change Request
Status	 Closed, assigned
Priority	normal
Labels	(M3) Milestone 3
Object(s)	Template Problem Concern 1.3.6.1.4.1.19376.1.5.3.1.4.5.2 (2013-12-20)
Details	 Click here for all issue details



8.3.258  **(epsos-issue-189) correct OID for EDQM standard terms**

Issue	correct OID for EDQM standard terms
Id	epsos-issue-189
Type	Change Request
Status	 Closed, assigned
Priority	normal
Object(s)	Value set epsos-valueset2-12 (2013-06-03)
Details	 Click here for all issue details



8.3.259  **(epsos-issue-191) correct OID for EDQM standard terms**

Issue	correct OID for EDQM standard terms
Id	epsos-issue-191
Type	Change Request
Status	 Closed, assigned
Priority	normal
Object(s)	Value set epsos-valueset2-3 (2013-06-03)
Details	 Click here for all issue details



8.3.260  (epsos-issue-67) doseQuantity duplicated

Issue	doseQuantity duplicated
Id	epsos-issue-67
Type	Change Request
Status	 Closed
Priority	normal
Labels	<div style="background-color: red; height: 15px; width: 100%;"></div> (M1) Milestone 1
Object(s)	Template Immunizations 1.3.6.1.4.1.19376.1.5.3.1.4.12 (2013-12-20)
Details	 Click here for all issue details

8.3.261  (epsos-issue-203) editorial change: clarification concerning ActCode codesystem

Issue	editorial change: clarification concerning ActCode codesystem
Id	epsos-issue-203
Type	Change Request
Status	 Closed, assigned
Priority	normal
Object(s)	Template Immunizations 1.3.6.1.4.1.19376.1.5.3.1.4.12 (2013-12-20)
Details	 Click here for all issue details

8.3.262  (epsos-issue-112) effectiveTime mandatory, NullFlavor not allowed? discussion needed


Issue	effectiveTime mandatory, NullFlavor not allowed? discussion needed
Id	epsos-issue-112
Type	Change Request
Status	 Closed, assigned
Priority	normal
Labels	<div style="background-color: blue; height: 15px; width: 100%;"></div> (TBA) To be approved <div style="background-color: red; height: 15px; width: 100%;"></div> (M1) Milestone 1
Object(s)	Template Vital Signs Organizer 1.3.6.1.4.1.19376.1.5.3.1.4.13.1 (2013-12-20)
Details	 Click here for all issue details

8.3.263  (epsos-issue-193) empty template ID


Issue	empty template ID
Id	epsos-issue-193
Type	Change Request
Status	 Closed
Priority	normal

Labels	(TBA) To be approved
Object(s)	Template Blood Group 1.3.6.1.4.1.19376.1.5.3.1.4.13.6 (2017-07-12 16:25:39)
Details	→ Click here for all issue details


8.3.264 (epsos-issue-4) epSOS Active Ingredients: enumerate or not

Issue	epSOS Active Ingredients: enumerate or not
Id	epsos-issue-4
Type	Clarification needed
Status	 Closed, assigned
Priority	normal
Object(s)	Value set epsos-valueset2-24 (2013-06-03)
Details	→ Click here for all issue details


8.3.265 (epsos-issue-5) epSOS Dose Form, Package and RouteOfAdministration have same codesystem

Issue	epSOS Dose Form, Package and RouteOfAdministration have same codesystem
Id	epsos-issue-5
Type	Clarification needed
Status	 Closed, assigned
Priority	normal
Object(s)	Value set epsos-valueset2-2 (2013-06-03)
	Value set epsos-valueset2-3 (2013-06-03)
	Value set epsos-valueset2-12 (2013-06-03)
Details	→ Click here for all issue details

8.3.266 (epsos-issue-123) epsos:asSpecializedKind/classCode


Issue	epsos:asSpecializedKind/classCode
Id	epsos-issue-123
Type	Change Request
Status	 Closed, assigned
Priority	normal
Labels	(M3) Milestone 3
Object(s)	Template epSOS CDA ManufacturedProduct 1.3.6.1.4.1.12559.11.10.1.3.1.3.1 (2013-12-20)
Details	→ Click here for all issue details

8.3.267 (epsos-issue-179) generic template for simple observation is ill-defined



Issue	generic template for simple observation is ill-defined
Id	epsos-issue-179
Type	Change Request
Status	 Closed, assigned

Priority	normal
Object(s)	Template Simple Observation 1.3.6.1.4.1.19376.1.5.3.1.4.13 (2013-12-20)
Details	→ Click here for all issue details



8.3.268 (epsos-issue-204) id cardinality should be 0..1

Issue	id cardinality should be 0..1
Id	epsos-issue-204
Type	Change Request
Status	 Closed
Priority	normal
Object(s)	Template Section Active Problems 1.3.6.1.4.1.19376.1.5.3.1.3.6 (2013-12-20)
Details	→ Click here for all issue details


8.3.269 (epsos-issue-130) ingredient/[@classCode='ACTI']/ingredient/code element missing


Issue	ingredient/[@classCode='ACTI']/ingredient/code element missing
Id	epsos-issue-130
Type	Change Request
Status	 Closed, assigned
Priority	normal
Labels	 (M3) Milestone 3
Object(s)	Template epSOS CDA ManufacturedProduct 1.3.6.1.4.1.12559.11.10.1.3.1.3.1 (2013-12-20)
Details	→ Click here for all issue details

8.3.270 (epsos-issue-127) manufacturedProduct/manufacturedMaterial/code remove voc binding



Issue	manufacturedProduct/manufacturedMaterial/code remove voc binding
Id	epsos-issue-127
Type	Change Request
Status	 Closed, assigned
Priority	normal
Labels	 (M3) Milestone 3
Object(s)	Template epSOS CDA ManufacturedProduct 1.3.6.1.4.1.12559.11.10.1.3.1.3.1 (2013-12-20)
Details	→ Click here for all issue details

8.3.271 (epsos-issue-71) manufacturerOrganization in immunization product



Issue	manufacturerOrganization in immunization product
Id	epsos-issue-71
Type	Change Request
Status	 Closed, assigned

Priority	normal
Labels	 (M1) Milestone 1
Object(s)	Template Immunization Product 1.3.6.1.4.1.19376.1.5.3.1.4.7.2 (2013-12-20)
Details	→ Click here for all issue details



8.3.272 (epsos-issue-240) moodCode shall be INT

Issue	moodCode shall be INT
Id	epsos-issue-240
Type	Change Request
Status	 Closed, assigned
Priority	normal
Labels	 (TBA) To be approved
Object(s)	Template Entry Medication FulFillment Instructions 1.3.6.1.4.1.19376.1.5.3.1.4.3.1 (2013-12-20)
Details	→ Click here for all issue details

8.3.273 (epsos-issue-88) negationInd

Issue	negationInd
Id	epsos-issue-88
Type	Clarification needed
Status	 Closed
Priority	normal
Labels	 (M2) Milestone 2
Object(s)	Template Problem 1.3.6.1.4.1.19376.1.5.3.1.4.5 (2013-12-20)
Details	→ Click here for all issue details

8.3.274 (epsos-issue-96) obs.value add constrains

Issue	obs.value add constrains
Id	epsos-issue-96
Type	Change Request
Status	 Closed
Priority	normal
Labels	 (M1) Milestone 1
Object(s)	Template Severity 1.3.6.1.4.1.19376.1.5.3.1.4.1 (2013-12-20)
Details	→ Click here for all issue details

8.3.275 (epsos-issue-133) participantRole.id is optional

Issue	participantRole.id is optional
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Id	epsos-issue-133
Type	Change Request
Status	✔ Closed
Priority	normal
Labels	(M1) Milestone 1
Object(s)	Template Medical Devices 1.3.6.1.4.1.12559.11.10.1.3.1.3.5 (2013-12-20)
Details	➔ Click here for all issue details

8.3.276 ✔ (epsos-issue-173) prefix/suffix required

Issue	prefix/suffix required
Id	epsos-issue-173
Type	Change Request
Status	✔ Closed, assigned
Priority	normal
Labels	(TBA) To be approved
Object(s)	Template epSOS CDA author prescriber epsos-template-103 (2013-12-20)
Details	➔ Click here for all issue details




8.3.277 ✔ (epsos-issue-159) relatedDocument cardinality

Issue	relatedDocument cardinality
Id	epsos-issue-159
Type	Change Request
Status	✔ Closed
Priority	normal
Object(s)	Template epSOS-Patient Summary 1.3.6.1.4.1.12559.11.10.1.3.1.1.3 (2013-12-20)
Details	➔ Click here for all issue details




8.3.278 ✔ (epsos-issue-100) rename to "Medication Item"

Issue	rename to "Medication Item"
Id	epsos-issue-100
Type	Change Request
Status	✔ Closed, assigned
Priority	normal
Labels	(M2) Milestone 2
Object(s)	Template Medication Item 1.3.6.1.4.1.12559.11.10.1.3.1.3.4 (2013-12-20)
Details	➔ Click here for all issue details


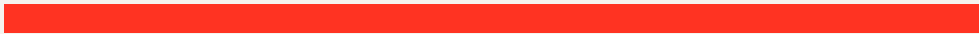

8.3.279  (epsos-issue-65) routeofAdm and apporach site

Issue	routeofAdm and apporach site
Id	epsos-issue-65
Type	Clarification needed
Status	 Closed, assigned
Priority	normal
Labels	 (M2) Milestone 2
Object(s)	Template Immunizations 1.3.6.1.4.1.19376.1.5.3.1.4.12 (2013-12-20)
Details	 Click here for all issue details



8.3.280  (epsos-issue-136) section.id optionality

Issue	section.id optionality
Id	epsos-issue-136
Type	Clarification needed
Status	 Closed, assigned
Priority	normal
Labels	 (M3) Milestone 3
Object(s)	Template Section Coded Vital Signs 1.3.6.1.4.1.19376.1.5.3.1.1.5.3.2 (2013-12-20)
Details	 Click here for all issue details

8.3.281  (epsos-issue-94) severity: the text shall contain a ref


Issue	severity: the text shall contain a ref
Id	epsos-issue-94
Type	Change Request
Status	 Closed
Priority	normal
Labels	 (M1) Milestone 1
Object(s)	Template Severity 1.3.6.1.4.1.19376.1.5.3.1.4.1 (2013-12-20)
Details	 Click here for all issue details

8.3.282  (epsos-issue-106) should-language


Issue	should-language
Id	epsos-issue-106
Type	Clarification needed
Status	 Closed, assigned
Priority	normal
Labels	 (M1) Milestone 1

Object(s)	Template Pregnancy Observation 1.3.6.1.4.1.19376.1.5.3.1.4.13.5 (2013-12-20)
Details	→ Click here for all issue details


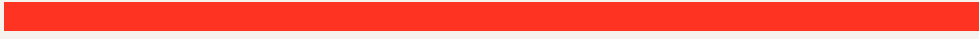

8.3.283 (epsos-issue-151) statusCode cardinality to 1..1

Issue	statusCode cardinality to 1..1
Id	epsos-issue-151
Type	Change Request
Status	 Closed
Priority	normal
Object(s)	Template Medication Item 1.3.6.1.4.1.12559.11.10.1.3.1.3.4 (2013-12-20)
Details	→ Click here for all issue details



8.3.284 (epsos-issue-211) statusCode cardinality wrong

Issue	statusCode cardinality wrong
Id	epsos-issue-211
Type	Change Request
Status	 Closed, assigned
Priority	normal
Object(s)	Template epSOS CDA substanceAdministration 1.3.6.1.4.1.12559.11.10.1.3.1.3.2 (2013-12-20)
Details	→ Click here for all issue details

8.3.285 (epsos-issue-117) statusCode missing


Issue	statusCode missing
Id	epsos-issue-117
Type	Change Request
Status	 Closed, assigned
Priority	normal
Labels	 (M1) Milestone 1  (TBA) To be approved
Object(s)	Template Vital Signs Observation 1.3.6.1.4.1.19376.1.5.3.1.4.13.2 (2013-12-20)
Details	→ Click here for all issue details

8.3.286 (epsos-issue-95) statusCode required ?


Issue	statusCode required ?
Id	epsos-issue-95
Type	Clarification needed
Status	 Closed
Priority	normal
Labels	 (M1) Milestone 1

Object(s)	Template Entry Health Status Observation 1.3.6.1.4.1.19376.1.5.3.1.4.1.2 (2013-12-20)
	Template Entry Problem Status Observation 1.3.6.1.4.1.19376.1.5.3.1.4.1.1 (2013-12-20)
	Template Severity 1.3.6.1.4.1.19376.1.5.3.1.4.1 (2013-12-20)
Details	→ Click here for all issue details


8.3.287 (epsos-issue-131) supply.code not foreseen

Issue	supply.code not foreseen
Id	epsos-issue-131
Type	Change Request
Status	 Closed, assigned
Priority	normal
Labels	(M3) Milestone 3
Object(s)	Template Medical Devices 1.3.6.1.4.1.12559.11.10.1.3.1.3.5 (2013-12-20)
Details	→ Click here for all issue details

8.3.288 (epsos-issue-194) template editor does not open

Issue	template editor does not open
Id	epsos-issue-194
Type	Change Request
Status	 Closed
Priority	normal
Object(s)	Template Blood Group 1.3.6.1.4.1.19376.1.5.3.1.4.13.6 (2017-07-12 16:25:39)
Details	→ Click here for all issue details

8.3.289 (epsos-issue-200) value set for illnesses and disorders needs to be updated to four-digit ICD-10








Issue	value set for illnesses and disorders needs to be updated to four-digit ICD-10
Id	epsos-issue-200
Type	Change Request
Status	 Closed, assigned
Priority	normal
Labels	(TBA) To be approved
Object(s)	Template Problem 1.3.6.1.4.1.19376.1.5.3.1.4.5 (2013-12-20)
Details	→ Click here for all issue details

8.3.290 (epsos-issue-63) version of referenced specification

Issue	version of referenced specification
Id	epsos-issue-63
Type	Clarification needed
Status	 Closed, assigned

Priority	normal
Labels	(M3) Milestone 3
Object(s)	Template epSOS-ePrescription 1.3.6.1.4.1.12559.11.10.1.3.1.1.1 (2013-12-20)
	Template epSOS-Patient Summary 1.3.6.1.4.1.12559.11.10.1.3.1.1.3 (2013-12-20)
	Template epSOS-eDispensation 1.3.6.1.4.1.12559.11.10.1.3.1.1.2 (2013-12-20)
Details	→ Click here for all issue details

8.4 Defined labels

Color	Code	Name	Description	In use?
	#FF3322	M1 Milestone 1	Milestone 1 – before the EXPAND-athon 9-12 December 2015 Lisbon	yes
	#FF9933	M2 Milestone 2	Milestone 2 – final results to be delivered at the end of EXPAND	yes
	#FFFF33	M3 Milestone 3	Milestone 3 – end of the HL7 International Project	yes
	#99FF66	M4 Milestone 4	Milestone 4 – for consideration in the future / desiderata	yes
	#3322FF	TBA To be approved	To be discussed and approved	yes
	#8E6600	TID Template ID	Template-ID changes throughout the specification	yes
	#FF4499	WJ Changes Word/JIRA	Changes in the Word Specification/Open a JIRA issue	yes