Integrating the Healthcare Enterprise



IHE Patient Care Coordination (PCC)

Technical Framework Supplement

CDA Content Modules

Rev. 2.5 – Trial Implementation

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**Foreword**

This is a supplement to the IHE Patient Care Coordination Technical Framework V11.0. Each supplement undergoes a process of public comment and trial implementation before being incorporated into the volumes of the Technical Frameworks.

This supplement is different than traditional IHE supplements. It serves as the trial implementation staging area for content modules. The content modules (section level, entry level) defined during trial implementation are gathered in this document to provide a central location for readers of supplements from PCC, QRPH and/or other domains that use the dictionary of content modules first defined by PCC. After individual modules are successfully tested and reviewed, they will be moved to final text. At that time, they are removed from this document. Thus, this supplement will continue to exist for some time as new content modules are defined and documented here. Likewise, content modules will be removed as they go to final text. Please note that for some profiles, the domain technical committee has elected to document the content modules in the specific profile supplement; therefore, they are not documented in this supplement.

“Boxed” instructions like the sample below indicate to the Volume Editor how to integrate the relevant section(s) into the relevant Technical Framework volume.

Amend Section X.X by the following:

Where the amendment adds text, make the added text bold underline. Where the amendment removes text, make the removed text bold strikethrough. When entire new sections are added, introduce with editor’s instructions to “add new text” or similar, which for readability are not bolded or underlined.

General information about IHE can be found at: [www.ihe.net](http://www.ihe.net/).

Information about the IHE PCC domain and the IHE QRPH domain can be found at: [http://www.ihe.net/IHE\_Domains](http://www.ihe.net/IHE_Domains/).

Information about the organization of IHE Technical Frameworks and Supplements and the process used to create them can be found at: [http://www.ihe.net/IHE\_Process](http://www.ihe.net/IHE_Process/) and [http://www.ihe.net/Profiles](http://www.ihe.net/Profiles/).

The current version of the IHE PCC Technical Framework and the IHE QRPH Technical Framework can be found at: [http://www.ihe.net/Technical\_Frameworks](http://www.ihe.net/Technical_Frameworks/).**CONTENTS**

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[6.4.4.55.8 <component> 150](#_Toc466555566)

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# Introduction

This supplement is written for trial implementation. It is written as changes to the latest revision of the documents listed below. The reader should have already read and understood these documents:

1. [PCC Technical Framework Volume 1](http://ihe.net/Technical_Frameworks/#pcc)
2. [PCC Technical Framework Volume 2](http://ihe.net/Technical_Frameworks/#pcc)

This supplement also references other documents[[1]](#footnote-1). The reader should have already read and understood these documents:

1. [IT Infrastructure Technical Framework Volume 1](http://ihe.net/Technical_Frameworks/#IT)
2. [IT Infrastructure Technical Framework Volume 2](http://ihe.net/Technical_Frameworks/#IT)
3. [IT Infrastructure Technical Framework Volume 3](http://ihe.net/Technical_Frameworks/" \l "IT)
4. HL7®[[2]](#footnote-2) and other standards documents referenced in Volume 1 and Volume 2

This supplement defines a number of PCC and QRPH content modules that are shared between various content documents. These are provided for trial implementation and will be published in the same format for trial implementation. Upon completion, some content modules will be moved to final text; others may remain in trial implementation.

## Profile Abstract

This supplement does not describe a profile.

## Open Issues and Questions

None

## Closed Issues

None

Volume 1 – Integration Profiles

None

Glossary

Add the following terms to the Glossary:

None

## 2.5 History of Annual Changes

Add the following bullet to the end of the bullet list in Section 2.5

* Added a set of CDA®[[3]](#footnote-3) Content Modules shared across several Integration Profiles for the 2010-2011 documentation cycle.
* In the 2011-2012 documentation cycle, the following CDA Section Content Modules were added as well as various Entry Content Modules and Value Sets:
* PCC Transport Summary Profiles supplement
* Sending Facility
* Receiving Facility
* Mass Causality Incident
* Unit Response Level
* Protocols Used
* Extra Attendants Information
* Invasive Airway
* Isolation Status
* Restraints
* Ventilator Usage
* Provider Level
* QRPH EHCP Profile
* Risk Indicators for Hearing Loss
* Hearing Screening Coded Results
* QRPH PRPH-Ca Profile
* Cancer Diagnosis
* In the 2012-2013 documentation cycle, edits were made based on CPs. In addition, the following content modules were added:
* QRPH VRDR Section Content Modules
* 6.3.3.10.1 VRDR Death Report Section
* 6.3.3.10.2 Coded Hospital Course Section
* QRPH VRDR Entry Content Modules were added
* 6.3.3.4.58 Death Pronouncement Entry Content Module
* 6.3.3.4.59 Death Location Type Entry Content Module
* Some QRPH VRDR value sets were added
* QRPH HW Section Content Modules
* 6.3.3.10.3 Resources to Support Goals Section
* 6.3.3.10.4 Healthy Weight Care Plan Section
* 6.3.3.10.5 Occupational Data for Health Section
* QRPH HW Entry Content Modules
* 6.3.4.60 Occupational Data For Health Organizer
* 6.3.4.61 Employment Status Organizer
* 6.3.4.62 Usual Occupation and Industry Organizer
* 6.3.4.63 History of Occupation Organizer
* 6.3.4.64 Employment Status Observation
* 6.3.4.65 Usual Occupation and Industry Observation Entry
* 6.3.4.66 Occupation Observation Entry
* 6.3.4.67 Work Schedule Observation Entry
* 6.3.4.68 Weekly Work Hours Observation Entry
* 6.3.4.69 Usual Occupation Duration Entry
* 6.3.4.70 Usual Industry Duration Entry
* In the 2013-2014 documentation cycle, edits were made based on CPs.
* In the 2015-2016 documentation cycle, edits were made based on CPs. In addition, the following Volume 2 section was added to this document:
* 6.6 Concept Domains

Volume 2 – Transactions and Content Modules

Please note that in December of 2012, a new supplement template was released. The new template separates *Transactions* (Volume 2) and *Content Modules (*Volume 3). As a result, in newer supplements you will find content module definitions in volume 3. The section numbering scheme; however, remains the same.

Add Section 6.1

## 6.1 Conventions

Various tables used in this section will further constrain the content. Within this volume, the follow conventions are used.

R

A "Required" data element is one that shall always be provided. If there is information available, the data element must be present. If there is no information available, or it cannot be transmitted, the data element must contain a value indicating the reason for omission of the data. (See PCC TF-2: 5.3.4.2 for a list of appropriate statements.)

R2

A "Required if data present" data element is one that shall be provided when a value exists. If the information cannot be transmitted, the data element shall contain a value indicating the reason for omission of the data. If no such information is available to the creator or if such information is not available in a well identified manner (e.g., buried in a free form narrative that contains additional information relevant to other sections) or if the creator requires that information be absent, the R2 section shall be entirely absent. (See Section PCC TF-2: 5.3.4.2 for a list of appropriate statements.)

O

An optional data element is one that may be provided, irrespective of whether the information is available or not. If the implementation elects to support this optional section, then its support shall meet the requirement set forth for the "Required if data present" or R2.

C

A conditional data element is one that is required, required if known, or optional depending upon other conditions. These will have further notes explaining when the data element is required, et cetera.

Note: The definitions of R, R2, and O differ slightly from other IHE profiles. This is due in part to the fact that local regulations and policies may in fact prohibit the transmission of certain information, and that a human decision to transmit the information may be required in many cases.

Add Section 6.2

## 6.2 Folder Content Modules

This section contains modules that describe the content requirements of Folders used with XDS, XDM or XDR. When workflows are completed normally, the folders will contain documents with the optionality specified in the tables shown below. Under certain circumstances, the folders will not meet the optionality requirements described below, for example, when the patient leaves before treatment is completed.

### 6.2.1 EDES Folder Specification

This section intentionally left blank.

### 6.2.2 APR Folder Specification

This section intentionally left blank.

### 6.2.3 LDR Folder Specification

This section intentionally left blank.

## 6.3 HL7 Version 3.0 Content Modules

This section contains content modules based upon the HL7 CDA Release 3.0 Standard, and related standards and/or implementation guides.

### 6.3.1 CDA Document Content Modules

Add Section 6.3.1.x

#### 6.3.1.x History and Physical Specification 1.3.6.1.4.1.19376.1.5.3.1.1.16.1.4

The History and Physical document content module is a Medical Summary and inherits all header constraints from Medical Summary (1.3.6.1.4.1.19376.1.5.3.1.1.2). The intention of this document content module is to provide a base from which other document content modules may be derived. Future work may also result in a content profile for History and Physical.

##### 6.3.1.x.1 Format Code

The XDSDocumentEntry format code for this content is **urn:ihe:pcc:hp:2008**

##### 6.3.1.x.2 LOINC Code

The LOINC code for this document is **34117-2** HISTORY AND PHYSICAL

##### 6.3.1.x.3 Standards

|  |  |
| --- | --- |
| CDAR2 | [HL7 CDA Release 2.0](http://www.hl7.org/documentcenter/private/standards/cda/r2/cda_r2_normativewebedition.zip) |
| CDTHP | [CDA for Common Document Types History and Physical Notes (DSTU)](http://www.hl7.org/dstucomments/index.cfm) |

##### 6.3.1.x.4 Specification

This section references content modules using Template ID as the key identifier. Definitions of the modules are found in either:

* IHE Patient Care Coordination Volume 2: Final Text
* IHE PCC CDA Content Modules Supplement (this document, for Trial Implementation)

Table 6.3.1.x.4-1: History and Physical Data Elements

| Data Element Name | Opt | Template ID |
| --- | --- | --- |
| Chief Complaint | R | 1.3.6.1.4.1.19376.1.5.3.1.1.13.2.1 |
| History of Present Illness | R | 1.3.6.1.4.1.19376.1.5.3.1.3.4 |
| History of Past Illness | R | 1.3.6.1.4.1.19376.1.5.3.1.3.8 |
| Medications | R | 1.3.6.1.4.1.19376.1.5.3.1.3.19 |
| Allergies and Other Adverse Reactions Section | R | 1.3.6.1.4.1.19376.1.5.3.1.3.13 |
| Social History | R | 1.3.6.1.4.1.19376.1.5.3.1.3.16 |
| Family History | R | 1.3.6.1.4.1.19376.1.5.3.1.3.14 |
| Review of Systems | R | 1.3.6.1.4.1.19376.1.5.3.1.3.18 |
| Detailed Physical Examination  This section SHALL include Vital Signs (1.3.6.1.4.1.19376.1.5.3.1.3.25) as a subsection. | R | 1.3.6.1.4.1.19376.1.5.3.1.1.9.15 |
| Results Diagnostic Findings; use this OR Coded Results | R | 1.3.6.1.4.1.19376.1.5.3.1.3.27 |
| Coded Results Diagnostic Findings; use this OR Results | R | 1.3.6.1.4.1.19376.1.5.3.1.3.28 |
| Assessment and Plan | R | 1.3.6.1.4.1.19376.1.5.3.1.1.13.2.5 |

##### 6.3.1.x.5 Conformance

CDA Release 2.0 documents that conform to the requirements of this content module shall indicate their conformance by the inclusion of the appropriate <templateId> elements in the header of the document. This is shown in the sample document below. A CDA Document may conform to more than one template. This content module inherits from the Medical Summaries content module, and so must conform to the requirements of that template as well, thus all <templateId> elements shown in the example below shall be included.

<ClinicalDocument xmlns='urn:hl7-org:v3'>

<typeId extension="POCD\_HD000040" root="2.16.840.1.113883.1.3"/>

<templateId root='1.3.6.1.4.1.19376.1.5.3.1.1.2'/>  
  <templateId root='1.3.6.1.4.1.19376.1.5.3.1.1.16.1.4'/>

<id root=' ' extension=' '/>

<code code='34117-2' displayName='HISTORY AND PHYSICAL'

codeSystem='2.16.840.1.113883.6.1' codeSystemName='LOINC'/>

<title>History and Physical</title>

<effectiveTime value='20080601012005'/>

<confidentialityCode code='N' displayName='Normal'

codeSystem='2.16.840.1.113883.5.25' codeSystemName='Confidentiality' />

<languageCode code='en-US'/>

 :

<component><structuredBody>

 <component>

<section>

<templateId root='[1.3.6.1.4.1.19376.1.5.3.1.1.13.2.1](#_1.3.6.1.4.1.19376.1.5.3.1.1.13.2.1.htm)'/>

<!-- Required Chief Complaint Section content -->

</section>

</component>  
  <component>

<section>

<templateId root='[1.3.6.1.4.1.19376.1.5.3.1.3.4](#_1.3.6.1.4.1.19376.1.5.3.1.3.4.htm)'/>

<!-- Required History of Present Illness Section content -->

</section>

</component>  
  <component>

<section>

<templateId root='[1.3.6.1.4.1.19376.1.5.3.1.3.8](#_1.3.6.1.4.1.19376.1.5.3.1.3.8.htm)'/>

<!-- Required History of Past Illness Section content -->

</section>

</component>  
  <component>

<section>

<templateId root='[1.3.6.1.4.1.19376.1.5.3.1.3.19](#_1.3.6.1.4.1.19376.1.5.3.1.3.19.htm)'/>

<!-- Required Medications Section content -->

</section>

</component>  
  <component>

<section>

<templateId root='[1.3.6.1.4.1.19376.1.5.3.1.3.13](#_1.3.6.1.4.1.19376.1.5.3.1.3.13.htm)'/>

<!-- Required Allergies and Other Adverse Reactions Section content -->

</section>

</component>  
  <component>

<section>

<templateId root='[1.3.6.1.4.1.19376.1.5.3.1.3.16](#_1.3.6.1.4.1.19376.1.5.3.1.3.16.htm)'/>

<!-- Required Social History Section content -->

</section>

</component>  
  <component>

<section>

<templateId root='[1.3.6.1.4.1.19376.1.5.3.1.3.14](#_1.3.6.1.4.1.19376.1.5.3.1.3.14.htm)'/>

<!-- Required Family History Section content -->

</section>

</component>  
  <component>

<section>

<templateId root='[1.3.6.1.4.1.19376.1.5.3.1.3.18](#_1.3.6.1.4.1.19376.1.5.3.1.3.18.htm)'/>

<!-- Required Review of Systems Section content -->

</section>

</component>  
  <component>

<section>

<templateId root='[1.3.6.1.4.1.19376.1.5.3.1.1.9.15](#_1.3.6.1.4.1.19376.1.5.3.1.1.9.15.htm)'/>

<!-- Required Detailed Physical Examination Section content -->

</section>

</component>  
  <component>

<section>

<templateId root='[1.3.6.1.4.1.19376.1.5.3.1.3.27](#_1.3.6.1.4.1.19376.1.5.3.1.3.27.htm)'/>

<!-- Required Results Section content -->

</section>

</component>  
  <component>

<section>

<templateId root='[1.3.6.1.4.1.19376.1.5.3.1.3.28](#_1.3.6.1.4.1.19376.1.5.3.1.3.28.htm)'/>

<!-- Required Coded Results Section content -->

</section>

</component>  
  <component>

<section>

<templateId root='[1.3.6.1.4.1.19376.1.5.3.1.1.13.2.5](#_1.3.6.1.4.1.19376.1.5.3.1.1.13.2.5.htm)'/>

<!-- Required Assessment and Plan Section content -->

</section>

</component>  
 </structuredBody></component>

</ClinicalDocument>

Figure 6.3.1.x.5-1: Sample History and Physical Document

Add Section 6.3.2

### 6.3.2 CDA Header Content Modules

Add Section 6.3.2.1

#### 6.3.2.1 Language Communication 1.3.6.1.4.1.19376.1.5.3.1.2.1

Add Section 6.3.2.2

#### 6.3.2.2 Employer and School Contacts 1.3.6.1.4.1.19376.1.5.3.1.2.2

Add Section 6.3.2.3

#### 6.3.2.3 Healthcare Providers and Pharmacies 1.3.6.1.4.1.19376.1.5.3.1.2.3

Add Section 6.3.2.4

#### 6.3.2.4 Patient Contacts 1.3.6.1.4.1.19376.1.5.3.1.2.4

Add Section 6.3.2.5

#### 6.3.2.5 Spouse 1.3.6.1.4.1.19376.1.5.3.1.2.4.1

The spouse header element records the spouse of a patient, and inherits other constraints from the Patient Contacts entry. Items in bold in the example below show the additional constraints on this element.

This element SHALLbe included as a participant in the header of the CDA document in the event of the pregnancy. If this does not apply to the patient this element SHALL use a null flavor.

##### 6.3.2.5.1 Parent Template

The parent of this template is Patient Contacts.

##### 6.3.2.5.2 Specification

<participant typeCode='IND'>

<templateId root='1.3.6.1.4.1.19376.1.5.3.1.2.4'/>

<templateId root='1.3.6.1.4.1.19376.1.5.3.1.2.4.1'/>

<time value='20070213'/>

<associatedEntity classCode='PRS'>

<code code='xx-spouse|184142008' displayName=' ' codeSystem='2.16.840.1.113883.6.96' codeSystemName='SNOMED CT'/>

<addr></addr>

<telecom value=' ' use=' '/>

<assignedPerson><name></name></assignedPerson>

</associatedEntity>

</participant>

##### 6.3.2.5.3 <templateId root='1.3.6.1.4.1.19376.1.5.3.1.2.4'/><templateId root='1.3.6.1.4.1.19376.1.5.3.1.2.4.1'/>

The <templateId> element identifies this person as a spouse and must be recorded exactly as shown above.

<rule context='hl7:templateId/@root="1.3.6.1.4.1.19376.1.5.3.1.2.4.1"]'>

<assert test='hl7:templateId/@root="1.3.6.1.4.1.19376.1.5.3.1.2.4"'>

A participant using template 1.3.6.1.4.1.19376.1.5.3.1.2.4.1 must also use template 1.3.6.1.4.1.19376.1.5.3.1.2.4.

</assert>

</rule>

##### 6.3.2.5.4 <associatedEntity classCode=’PRS’>

The classCode attribute of the <associatedEntity> element shall be PRS.

<rule context='hl7:templateId/@root="1.3.6.1.4.1.19376.1.5.3.1.2.4.1"]'>

<assert test='../hl7:associatedEntity/@classCode = "PRS"'>

The classCode attribute of the associated entity shall be PRS.

</assert>

</rule>

##### 6.3.2.5.5 <code code='127848009|184142008' displayName=' ' codeSystem='2.16.840.1.113883.6.96' codeSystemName='SNOMED CT'/>

This element SHALL use127848009 to represent the patient's spouse or 184142008 to represent the patient's next of kin. The code system name is SNOMED CT.

##### 6.3.2.5.6 Completed Example

<!-- Husband/Domestic Partner -->

<participant typeCode="IND">

<associatedEntity classCode="NOK">

<code code="184142008" displayName="patient's next of kin"

codeSystem="2.16.840.1.113883.6.96" codeSystemName="SNOMED CT"/>

<addr>

<streetAddressLine>45 Chunn Dr.</streetAddressLine>

<city>Spring Hill</city>

<state>TN</state>

<postalCode>37174</postalCode>

<country>USA</country>

</addr>

<telecom value="tel:(999)555-1212" use="WP"/>

<associatedPerson>

<name>

<prefix>Mr.</prefix>

<given>John</given>

<family>Youngston</family>

</name>

</associatedPerson>

</associatedEntity>

</participant>

Add Section 6.3.2.6

#### 6.3.2.6 Natural Father of Fetus 1.3.6.1.4.1.19376.1.5.3.1.2.4.2

This header element records the natural father of the fetus, and inherits other constraints from the Patient Contacts (1.3.6.1.4.1.19376.1.5.3.1.2.4) entry. Items in bold in the example below show the additional constraints on this element.

This element SHALLbe included as a participant in the header of the CDA document in the event of the pregnancy. If the father of the baby is unknown this element SHALLuse a null flavor.

##### 6.3.2.6.1 Parent Template

The parent of this template is Patient Contacts (1.3.6.1.4.1.19376.1.5.3.1.2.4).

##### 6.3.2.6.2 Specification

  <participant typeCode='IND'>

<templateId root='1.3.6.1.4.1.19376.1.5.3.1.2.4'/>

<templateId root='1.3.6.1.4.1.19376.1.5.3.1.2.4.1'/>

<time value='20070213'/>

<associatedEntity classCode='PRS'>

<code code='xx-fatherofbaby' displayName=' ' codeSystem='2.16.840.1.113883.6.96' codeSystemName='SNOMED CT'/>

<addr></addr>

<telecom value=' ' use=' '/>

<assignedPerson><name></name></assignedPerson>

</associatedEntity>

</participant>

##### 6.3.2.6.3 <templateId root='1.3.6.1.4.1.19376.1.5.3.1.2.4'/><templateId root='1.3.6.1.4.1.19376.1.5.3.1.2.4.2'/>

The <templateId> element identifies this person as the natural father and must be recorded exactly as shown above.

<rule context='hl7:templateId/@root="1.3.6.1.4.1.19376.1.5.3.1.2.4.2"]'>

<assert test='hl7:templateId/@root="1.3.6.1.4.1.19376.1.5.3.1.2.4"'>

A participant using template 1.3.6.1.4.1.19376.1.5.3.1.2.4.2 must also use template 1.3.6.1.4.1.19376.1.5.3.1.2.4.

</assert>

</rule>

##### 6.3.2.6.4 <associatedEntity classCode=’PRS’>

The classCode attribute of the <associatedEntity> element SHALL be PRS.

<rule context='hl7:templateId/@root="1.3.6.1.4.1.19376.1.5.3.1.2.4.2"]'>

<assert test='../hl7:associatedEntity/@classCode = "PRS"'>

The classCode attribute of the associated entity shall be PRS.

</assert>

</rule>

##### 6.3.2.6.5 <code code='xx-fatherofbaby' displayName=' ' codeSystem='2.16.840.1.113883.6.96' codeSystemName='SNOMED CT'/>

For father of baby the code SHALLbe xx-fatherofbaby (requested). The code system name is SNOMED CT.

##### 6.3.2.6.6 Completed Example

<!-- Father of baby -->

<participant typeCode="IND">

<associatedEntity classCode="NOK">

<code code="xx-fatherofbaby" displayName="Father of Baby"

codeSystem="2.16.840.1.113883.6.96" codeSystemName="SNOMED CT"/>

<addr>

<streetAddressLine>18 Oak Valley Dr.</streetAddressLine>

<city>Monteagle</city>

<state>TN</state>

<postalCode>37205</postalCode>

<country>USA</country>

</addr>

<telecom value="tel:(999)555-1212" use="WP"/>

<associatedPerson>

<name>

<prefix>Mr.</prefix>

<given>Thomas</given>

<family>Caster</family>

</name>

</associatedPerson>

</associatedEntity>

</participant>

Add Section 6.3.2.7

#### 6.3.2.7 Authorization 1.3.6.1.4.1.19376.1.5.3.1.2.5

Each <authorization> element in the CDA Header represents an informed consent. When the document being shared represents the informed consent to a policy expressed by the XDS Affinity Domain within the document, it shall do so in an <authorization> element. More than one <authorization> element may be present. The consent to share information shall have a unique identifier contained in the <id> element, representing the patient consent to that policy. The policy being consented to shall be represented in the <code> element. Note that other <authorization> elements may be present representing other sorts of consents associated with the document.

##### 6.3.2.7.1 Parent Template

None

##### 6.3.2.7.2 Specification

<authorization typeCode='AUTH'>

<consent classCode='CONS' moodCode='EVN'>

<templateId root='1.3.6.1.4.1.19376.1.5.3.1.2.5'/>

<id root=''/>

<code code='' codeSystem='' codeSystemName='' displayName=''/>

<statusCode code='completed'/>

</consent>

</authorization>

##### 6.3.2.7.3 <authorization typeCode=’AUTH’>

At least one <authorization> element must be present in a consent medical document in documents shared by Document Source Actors that implement the privacy option. The typeCode attribute shall be present and be valued with AUTH, indicating that this is an authorization act related to the document.

##### 6.3.2.7.4 <consent classCode='CONS' moodCode='EVN'>

Each authorization element shall have one <consent> element. The classCode shall be present and be valued with CONS, indicating that the related act is an informed consent. The moodCode shall be EVN, indicating that this element represents and act that has occurred.

##### 6.3.2.7.5 <templateId root='1.3.6.1.4.1.19376.1.5.3.1.2.5'/>

The <templateId> element shall be recorded as shown above and identifies this consent as an authorization entry.

##### 6.3.2.7.6 <id root=' '/>

The <consent> element shall have one identifier that is used to uniquely identify the consent act. This identifier shall contain a root attribute, and shall not contain an extension attribute.

##### 6.3.2.7.7 <code code=' ' codeSystem=' ' codeSystemName=' ' displayName=' '/>

The <consent> element shall have one <code> element that is used to identify the consent policy that was agreed to by the patient.

Add Section 6.3.3

### 6.3.3 CDA Section Content Modules

Add Section 6.3.3.1

#### 6.3.3.1 Reasons for Care

Add Section 6.3.3.1.1

##### 6.3.3.1.1 Reason for Referral

Add Section 6.3.3.1.2

##### 6.3.3.1.2 Coded Reason for Referral

Add Section 6.3.3.1.3

##### 6.3.3.1.3 Chief Complaint

Add Section 6.3.3.1.4

##### 6.3.3.1.4 Hospital Admission Diagnosis

Add Section 6.3.3.1.5

##### 6.3.3.1.5 Proposed Procedure Section 1.3.6.1.4.1.19376.1.5.3.1.1.9.1

|  |  |  |
| --- | --- | --- |
| Template ID | 1.3.6.1.4.1.19376.1.5.3.1.1.9.1 | |
| General Description | The proposed procedure section shall contain a description of the procedures for which a risk assessment is required including procedure names and codes, patient position, dates, and names of surgeons. It shall include entries for procedures as described in the Entry Content Modules and the required and optional subsections. | |
| LOINC Code | Opt | Description |
| 29554-3 | R | PROCEDURE |
| Entries | Opt | Description |
| 1.3.6.1.4.1.19376.1.5.3.1.4.19 | R | Procedure Entry |
| Subsections | Opt | Description |
| 1.3.6.1.4.1.19376.1.5.3.1.1.9.4 | R | Reason for Procedure |
| 1.3.6.1.4.1.19376.1.5.3.1.1.9.3 | R | Proposed Anesthesia |
| 1.3.6.1.4.1.19376.1.5.3.1.1.9.2 | R | Estimated Blood Loss |
| 1.3.6.1.4.1.19376.1.5.3.1.1.9.40 | R | Procedure Care Plan |

<component>

<section>

<templateId root='1.3.6.1.4.1.19376.1.5.3.1.1.9.1'/>

<id root=' ' extension=' '/>

<code code='29554-3' displayName='PROCEDURE'

codeSystem='2.16.840.1.113883.6.1' codeSystemName='LOINC'/>

<text>

Text as described above

</text>

<entry>

:

<!-- Required Procedure Entry element -->

<templateId root='1.3.6.1.4.1.19376.1.5.3.1.4.19'/>

:

</entry>

<component>

<section>

<templateId root='1.3.6.1.4.1.19376.1.5.3.1.1.9.4'/>

<!-- Required Reason for Procedure Section content -->

</section>

</component>

<component>

<section>

<templateId root='1.3.6.1.4.1.19376.1.5.3.1.1.9.3'/>

<!-- Required Proposed Anesthesia Section content -->

</section>

</component>

<component>

<section>

<templateId root='1.3.6.1.4.1.19376.1.5.3.1.1.9.2'/>

<!-- Required if known Estimated Blood Loss Section content -->

</section>

</component>

<component>

<section>

<templateId root='1.3.6.1.4.1.19376.1.5.3.1.1.9.40'/>

<!-- Required if known Procedure Care Plan Section content -->

</section>

</component>

</section>

</component>

Figure 6.3.3.1.5-1: Specification for Proposed Procedure Section

Add Section 6.3.3.1.6

##### 6.3.3.1.6 EBS Estimated Blood Loss Section 1.3.6.1.4.1.19376.1.5.3.1.1.9.2

|  |  |  |
| --- | --- | --- |
| Template ID | 1.3.6.1.4.1.19376.1.5.3.1.1.9.2 | |
| General Description | The estimated blood loss section shall contain a description of the blood loss for the procedure. | |
| LOINC Code | Opt | Description |
| 8717-1 | R | OPERATIVE NOTE ESTIMATED BLOOD LOSS |
| Entries | Opt | Description |
| 1.3.6.1.4.1.19376.1.5.3.1.4.13 | R | Simple Observation |

<component>

<section>

<templateId root='1.3.6.1.4.1.19376.1.5.3.1.1.9.2'/>

<id root=' ' extension=' '/>

<code code='8717-1' displayName='OPERATIVE NOTE ESTIMATED BLOOD LOSS'

codeSystem='2.16.840.1.113883.6.1' codeSystemName='LOINC'/>

<text>

Text as described above

</text>

<entry>

:

<!-- Required Simple Observation element -->

<templateId root='1.3.6.1.4.1.19376.1.5.3.1.4.13'/>

:

</entry>

</section>

</component>

Figure 6.3.3.1.6-1: EBS Specification for Estimated Blood Loss Section

Add Section 6.3.3.1.7

##### 6.3.3.1.7 Proposed Anesthesia Section 1.3.6.1.4.1.19376.1.5.3.1.1.9.3

|  |  |  |
| --- | --- | --- |
| Template ID | 1.3.6.1.4.1.19376.1.5.3.1.1.9.3 | |
| General Description | The proposed anesthesia section shall contain a description of the anesthetic techniques for which a risk assessment is required. It shall include entries for anesthetic procedures as described in the Entry Content Modules. | |
| LOINC Code | Opt | Description |
| 10213-7 | R | Surgical operation note anesthesia |
| Entries | Opt | Description |
| 1.3.6.1.4.1.19376.1.5.3.1.4.19 | R | Procedure Entry  The procedure entries shall be in INT mood. |

<component>

<section>

<templateId root='1.3.6.1.4.1.19376.1.5.3.1.1.9.3'/>

<id root=' ' extension=' '/>

<code code='10213-7' displayName='Surgical operation note anesthesia'

codeSystem='2.16.840.1.113883.6.1' codeSystemName='LOINC'/>

<text>

Text as described above

</text>

<entry>

:

<!-- Required Procedure Entry element -->

<templateId root='1.3.6.1.4.1.19376.1.5.3.1.4.19'/>

:

</entry>

</section>

</component>

Figure 6.3.3.1.7-1: Specification for Anesthesia Administered Section

Add Section 6.3.3.1.8

##### 6.3.3.1.8 Reason for Procedure Section 1.3.6.1.4.1.19376.1.5.3.1.1.9.4

|  |  |  |
| --- | --- | --- |
| Template ID | 1.3.6.1.4.1.19376.1.5.3.1.1.9.4 | |
| General Description | The reason for procedure section shall contain a description of the reason that the patient is receiving the procedure. It shall include entries for conditions as described in the Entry Content Module. | |
| LOINC Code | Opt | Description |
| 10217-8 | R | OPERATIVE NOTE INDICATIONS |
| Entries | Opt | Description |
| 1.3.6.1.4.1.19376.1.5.3.1.4.5 | R2 | Problem Entry |

<component>

<section>

<templateId root='1.3.6.1.4.1.19376.1.5.3.1.1.9.4'/>

<id root=' ' extension=' '/>

<code code='10217-8' displayName='OPERATIVE NOTE INDICATIONS'

codeSystem='2.16.840.1.113883.6.1' codeSystemName='LOINC'/>

<text>

Text as described above

</text>

<entry>

:

<!-- Required if known Problem Entry element -->

<templateId root='1.3.6.1.4.1.19376.1.5.3.1.4.5'/>

:

</entry>

</section>

</component>

Figure 6.3.3.1.8-1: Specification for Reason for Procedure Section

Add Section 6.3.3.1.9

##### 6.3.3.1.9 Reason for Visit Section 1.3.6.1.4.1.19376.1.5.3.1.1.13.2.1.1

|  |  |  |
| --- | --- | --- |
| Template ID | 1.3.6.1.4.1.19376.1.5.3.1.1.13.2.1.1 | |
| General Description | This contains a narrative description of the patient's reason for visit. | |
| LOINC Code | Opt | Description |
| 29299-5 | R | REASON FOR VISIT |

<component>

<section>

<templateId root='1.3.6.1.4.1.19376.1.5.3.1.1.13.2.1.1'/>

<id root=' ' extension=' '/>

<code code='29299-5' displayName='REASON FOR VISIT'

codeSystem='2.16.840.1.113883.6.1' codeSystemName='LOINC'/>

<text>

*Text as described above*

</text>

</section>

</component>

Figure 6.3.3.1.9-1: Specification for Reason for Visit Section

Add Section 6.3.3.1.10

##### 6.3.3.1.10 Injury Incident Description Section 1.3.6.1.4.1.19376.1.5.3.1.1.19.2.1

|  |  |  |
| --- | --- | --- |
| Template ID | 1.3.6.1.4.1.19376.1.5.3.1.1.19.2.1 | |
| General Description | This section shall include a description of the incident leading to the injury, including status of relevant safety equipment in use (e.g., safety belts, air bag, helmet). | |
| LOINC Code | Opt | Description |
| 11374-6 | R | Injury incident description |

<component>

<section>

<templateId root='1.3.6.1.4.1.19376.1.5.3.1.1.19.2.1'/>

<id root=' ' extension=' '/>

<code code='11374-6' displayName='Injury incident description'

codeSystem='2.16.840.1.113883.6.1' codeSystemName='LOINC'/>

<text>

Text as described above

</text>

</section>

</component>

Figure 6.3.3.1.10-1: Sample Injury Incident Description Section

Add Section 6.3.3.2

#### 6.3.3.2 Other Condition Histories

Add Section 6.3.3.2.1

##### 6.3.3.2.1 History of Present Illness

Add Section 6.3.3.2.2

##### 6.3.3.2.2 Hospital Course

Add Section 6.3.3.2.3

##### 6.3.3.2.3 Active Problems

Add Section 6.3.3.2.4

##### 6.3.3.2.4 Discharge Diagnosis

Add Section 6.3.3.2.5

##### 6.3.3.2.5 History of Past Illness

Add Section 6.3.3.2.6

##### 6.3.3.2.6 Encounter Histories

Add Section 6.3.3.2.7

##### 6.3.3.2.7 History of Outpatient Visits

Add Section 6.3.3.2.8

##### 6.3.3.2.8 History of Inpatient Visits

Add Section 6.3.3.2.9

##### 6.3.3.2.9 List of Surgeries

Add Section 6.3.3.2.10

##### 6.3.3.2.10 Coded List of Surgeries

Add Section 6.3.3.2.11

##### 6.3.3.2.11 Allergies and Other Adverse Reactions

Add Section 6.3.3.2.12

##### 6.3.3.2.12 Family medical History

Add Section 6.3.3.2.13

##### 6.3.3.2.13 Coded Family Medical History

Add Section 6.3.3.2.14

##### 6.3.3.2.14 Social History Section

Add Section 6.3.3.2.15

##### 6.3.3.2.15 Functional Status

Add Section 6.3.3.2.16

##### 6.3.3.2.16 Review of Systems

Add Section 6.3.3.2.17

##### 6.3.3.2.17 Hazardous Working Conditions

Add Section 6.3.3.2.18

##### 6.3.3.2.18 Pregnancy History

Add Section 6.3.3.2.19

##### 6.3.3.2.19 Medical Devices

Add Section 6.3.3.2.20

##### 6.3.3.2.20 Foreign Travel

Add Section 6.3.3.2.21

##### 6.3.3.2.21 Pre-procedure Family Medical History Section 1.3.6.1.4.1.19376.1.5.3.1.1.9.5 (Deprecated)

Add Section 6.3.3.2.22

##### 6.3.3.2.22 Coded Functional Status Assessment Section 1.3.6.1.4.1.19376.1.5.3.1.1.12.2.1

|  |  |  |
| --- | --- | --- |
| Template ID | 1.3.6.1.4.1.19376.1.5.3.1.1.12.2.1 | |
| Parent Template | Functional Status (1.3.6.1.4.1.19376.1.5.3.1.3.17, see PCC TF-2: 6.3.3.2.15) | |
| General Description | The coded functional status assessment section provides a machine readable and narrative description of the patient’s status of normal functioning at the time the document was created.  Functional status includes information concerning:  Ambulatory ability  Mental status or competency  Activities of Daily Living (ADL’s) including bathing, dressing, feeding, grooming  Home/living situation having an effect on the health status of the patient  Ability to care for self  Social activity, including issues with social cognition, participation with friends and acquaintances other than family members  Occupation activity, including activities partly or directly related to working, housework or volunteering, family and home responsibilities or activities related to home and family  Communication ability, including issues with speech, writing or cognition required for communication  Perception, including sight, hearing, taste, skin sensation, kinesthetic sense, proprioception, or balance | |
| LOINC Code | Opt | Description |
| 47420-5 | R | Functional Status Assessment |
| Subsections | Opt | Description |
| 1.3.6.1.4.1.19376.1.5.3.1.1.12.2.2 | R | [Pain Scale Assessment](#_1.3.6.1.4.1.19376.1.5.3.1.1.12.2.2.htm) |
| 1.3.6.1.4.1.19376.1.5.3.1.1.12.2.3 | O Note 1 | [Braden Score Assessment](#_1.3.6.1.4.1.19376.1.5.3.1.1.12.2.3.htm) |
| 1.3.6.1.4.1.19376.1.5.3.1.1.12.2.4 | O Note 1 | [Geriatric Depression Scale](#_1.3.6.1.4.1.19376.1.5.3.1.1.12.2.4.htm) |
| 1.3.6.1.4.1.19376.1.5.3.1.1.12.2.5 | O Note 1 | [Minimum Data Set](#_1.3.6.1.4.1.19376.1.5.3.1.1.12.2.5.htm) |

Note 1: At least one of the above optional subsections shall be present

###### 6.3.3.2.22.1 Standards

|  |  |
| --- | --- |
| CDAR2 | [HL7 CDA Release 2.0](http://www.hl7.org/documentcenter/private/standards/cda/r2/cda_r2_normativewebedition.zip) |
| CRS | [HL7 Care Record Summary](http://www.hl7.org/documentcenter/public/standards/informative/crs.zip) |
| CCD | [ASTM/HL7 Continuity of Care Document](http://www.hl7.org/Library/General/HL7_CDA_R2_final.zip) |
| LOINC | [Logical Observation Identifier Names and Codes](http://www.loinc.org) |
| SNOMED | [Systemitized Nomenclature of Medicine Clinical Terminology](http://www.snomed.org) |

###### 6.3.3.2.22.2 Parent Template

The parent of this template is Functional Status (see PCC TF-2: 6.3.3.2.15).

<component>

<section>  
 <templateId root='1.3.6.1.4.1.19376.1.5.3.1.3.17'/>

<templateId root='1.3.6.1.4.1.19376.1.5.3.1.1.12.2.1'/>

<id root=' ' extension=' '/>

<code code='47420-5' displayName='Functional Status Assessment'

codeSystem='2.16.840.1.113883.6.1' codeSystemName='LOINC'/>

<text>

*Text as described above*

</text>

<component>

<section>

<templateId root='[1.3.6.1.4.1.19376.1.5.3.1.1.12.2.2](#_1.3.6.1.4.1.19376.1.5.3.1.1.12.2.2.htm)'/>

<!-- Required Pain Scale Assessment Section content -->

</section>

</component>

<component>

<section>

<templateId root='[1.3.6.1.4.1.19376.1.5.3.1.1.12.2.3](#_1.3.6.1.4.1.19376.1.5.3.1.1.12.2.3.htm)'/>

<!-- Optional Braden Score Assessment Section content -->

</section>

</component>

<component>

<section>

<templateId root='[1.3.6.1.4.1.19376.1.5.3.1.1.12.2.4](#_1.3.6.1.4.1.19376.1.5.3.1.1.12.2.4.htm)'/>

<!-- Optional Geriatric Depression Scale Section content -->

</section>

</component>

<component>

<section>

<templateId root='[1.3.6.1.4.1.19376.1.5.3.1.1.12.2.5](#_1.3.6.1.4.1.19376.1.5.3.1.1.12.2.5.htm)'/>

<!-- Optional Minimum Data Set Section content -->

</section>

</component>

</section>

</component>

Figure 6.3.3.2.22.2-1: Specification for Coded Functional Status Assessment Section

Add Section 6.3.3.2.23

##### 6.3.3.2.23 Pain Scale Assessment Section 1.3.6.1.4.1.19376.1.5.3.1.1.12.2.2

|  |  |  |
| --- | --- | --- |
| Template ID | 1.3.6.1.4.1.19376.1.5.3.1.1.12.2.2 | |
| General Description | The Pain Scale Assessment contains a coded observation reflecting the patient's reported intensity of pain on a scale from 0 to 10. | |
| LOINC Code | Opt | Description |
| 38208-5 | R | Pain severity |
| Entries | Opt | Description |
| 1.3.6.1.4.1.19376.1.5.3.1.1.12.3.1 | R | [Pain Score Observation](#_1.3.6.1.4.1.19376.1.5.3.1.1.12.3.1.htm) |

<component>

<section>

<templateId root='1.3.6.1.4.1.19376.1.5.3.1.1.12.2.2'/>

<id root=' ' extension=' '/>

<code code='38208-5' displayName='Pain severity'

codeSystem='2.16.840.1.113883.6.1' codeSystemName='LOINC'/>

<text>

*Text as described above*

</text>

<entry>

:

<!-- Required Pain Score Observation element -->

<templateId root='[1.3.6.1.4.1.19376.1.5.3.1.1.12.3.1](#_1.3.6.1.4.1.19376.1.5.3.1.1.12.3.1.htm)'/>

:

</entry>

</section>

</component>

Figure 6.3.3.2.23-1: Specification for Pain Scale Assessment Section

Add Section 6.3.3.2.24

##### 6.3.3.2.24 Braden Score Section 1.3.6.1.4.1.19376.1.5.3.1.1.12.2.3

|  |  |  |
| --- | --- | --- |
| Template ID | 1.3.6.1.4.1.19376.1.5.3.1.1.12.2.3 | |
| General Description | This section reports the Braden score and its related assessments in machine and human readable form. | |
| LOINC Code | Opt | Description |
| 38228-3 | R | BRADEN SCALE SKIN ASSESSMENT PANEL |
| Entries | Opt | Description |
| 1.3.6.1.4.1.19376.1.5.3.1.1.12.3.2 | R | [Braden Score Observation](#_1.3.6.1.4.1.19376.1.5.3.1.1.12.3.2.htm) |

<component>

<section>

<templateId root='1.3.6.1.4.1.19376.1.5.3.1.1.12.2.3'/>

<id root=' ' extension=' '/>

<code code='38228-3' displayName='BRADEN SCALE SKIN ASSESSMENT PANEL'

codeSystem='2.16.840.1.113883.6.1' codeSystemName='LOINC'/>

<text>

*Text as described above*

</text>

<entry>

:

<!-- Required Braden Score Observation element -->

<templateId root='[1.3.6.1.4.1.19376.1.5.3.1.1.12.3.2](#_1.3.6.1.4.1.19376.1.5.3.1.1.12.3.2.htm)'/>

:

</entry>

</section>

</component>

Figure 6.3.3.2.24-1: Specification for Braden Score Section

Add Section 6.3.3.2.25

##### 6.3.3.2.25 Geriatric Depression Scale Section 1.3.6.1.4.1.19376.1.5.3.1.1.12.2.4

|  |  |  |
| --- | --- | --- |
| Template ID | 1.3.6.1.4.1.19376.1.5.3.1.1.12.2.4 | |
| General Description | This section reports the Geriatric Depression Scale score and its related assessments in machine and human readable form. | |
| LOINC Code | Opt | Description |
| 48542-5 | R | Geriatric Depression Scale (GDS) Panel |
| Entries | Opt | Description |
| 1.3.6.1.4.1.19376.1.5.3.1.1.12.3.4 | R | [Geriatric Depression Score Observation](#_1.3.6.1.4.1.19376.1.5.3.1.1.12.3.4.htm) |

<component>

<section>

<templateId root='1.3.6.1.4.1.19376.1.5.3.1.1.12.2.4'/>

<id root=' ' extension=' '/>

<code code='48542-5' displayName='Geriatric Depression Scale (GDS) Panel'

codeSystem='2.16.840.1.113883.6.1' codeSystemName='LOINC'/>

<text>

*Text as described above*

</text>

<entry>

:

<!-- Required Geriatric Depression Score Observation element -->

<templateId root='[1.3.6.1.4.1.19376.1.5.3.1.1.12.3.4](#_1.3.6.1.4.1.19376.1.5.3.1.1.12.3.4.htm)'/>

:

</entry>

</section>

</component>

Figure 6.3.3.2.25-1: Specification for Geriatric Depression Scale Section

Add Section 6.3.3.2.26

##### 6.3.3.2.26 Physical Function Section 1.3.6.1.4.1.19376.1.5.3.1.1.12.2.5

|  |  |  |
| --- | --- | --- |
| Template ID | 1.3.6.1.4.1.19376.1.5.3.1.1.12.2.5 | |
| General Description | This section reports scores from section G of the Minimum Data Set. | |
| LOINC Code | Opt | Description |
| 46006-3 | R | Physical functioning and structural problems |
| Entries | Opt | Description |
| 1.3.6.1.4.1.19376.1.5.3.1.1.12.3.7 | O | [Survey Panel](#_1.3.6.1.4.1.19376.1.5.3.1.1.12.3.7.htm) At least one Survey Panel or Survey Observation shall be present. |
| 1.3.6.1.4.1.19376.1.5.3.1.1.12.3.6 | O | [Survey Observation](#_1.3.6.1.4.1.19376.1.5.3.1.1.12.3.6.htm) At least one Survey Panel or Survey Observation shall be present. |

<component>

<section>

<templateId root='1.3.6.1.4.1.19376.1.5.3.1.1.12.2.5'/>

<id root=' ' extension=' '/>

<code code='46006-3' displayName='Physical functioning and structural problems'

codeSystem='2.16.840.1.113883.6.1' codeSystemName='LOINC'/>

<text>

*Text as described above*

</text>

<entry>

:

<!-- Optional Survey Panel element -->

<templateId root='[1.3.6.1.4.1.19376.1.5.3.1.1.12.3.7](#_1.3.6.1.4.1.19376.1.5.3.1.1.12.3.7.htm)'/>

:

</entry>

<entry>

:

<!-- Optional Survey Observation element -->

<templateId root='[1.3.6.1.4.1.19376.1.5.3.1.1.12.3.6](#_1.3.6.1.4.1.19376.1.5.3.1.1.12.3.6.htm)'/>

:

</entry>

</section>

</component>

Figure 6.3.3.2.26-1: Specification for Physical Function Section

###### 6.3.3.2.26.1 Constraints

[Survey Panel](" \l "_1.3.6.1.4.1.19376.1.5.3.1.1.12.3.7.htm" \o "1.3.6.1.4.1.19376.1.5.3.1.1.12.3.7) found in this section SHOULD be identified using the panel codes found in the table below, and SHOULD contain one or more survey observations from that panel.

[Survey Observation](#_1.3.6.1.4.1.19376.1.5.3.1.1.12.3.6.htm) found in this section SHOULD use the LOINC codes from Table 6.3.3.2.26.1 to express the answer to one or more questions from the Minimum Data Set Section G. The Survey Observations shall not contain a <methodCode> or <targetSiteCode> element, as these are not appropriate to the MDS Survey instrument.

Table 6.3.3.2.26.1-1: Panel Codes

| Panel Code | Observation Code | Description | Data Type | Value Set |
| --- | --- | --- | --- | --- |
| 46007-1 | Panel | ADL self-performance or support |  |  |
|  | 45588-1 | Bed mobility - self-performance | CO | 2.16.840.1.113883.6.257.755 |
|  | 45589-9 | Bed mobility - support provided | CO | 2.16.840.1.113883.6.257.768 |
|  | 45590-7 | Transfer - self-performance | CO | 2.16.840.1.113883.6.257.755 |
|  | 45591-5 | Transfer - support provided | CO | 2.16.840.1.113883.6.257.768 |
|  | 45592-3 | Walk in room - self-performance | CO | 2.16.840.1.113883.6.257.755 |
|  | 45593-1 | Walk in room - support provided | CO | 2.16.840.1.113883.6.257.768 |
|  | 45594-9 | Walk in corridor - self-performance | CO | 2.16.840.1.113883.6.257.755 |
|  | 45595-6 | Walk in corridor - support provided | CO | 2.16.840.1.113883.6.257.768 |
|  | 45596-4 | Locomotion on unit - self-performance | CO | 2.16.840.1.113883.6.257.755 |
|  | 45597-2 | Locomotion on unit - support provided | CO | 2.16.840.1.113883.6.257.768 |
|  | 45598-0 | Locomotion off unit - self-performance | CO | 2.16.840.1.113883.6.257.755 |
|  | 45599-8 | Locomotion off unit - support provided | CO | 2.16.840.1.113883.6.257.768 |
|  | 45600-4 | Dressing - self-performance | CO | 2.16.840.1.113883.6.257.755 |
|  | 45601-2 | Dressing - support provided | CO | 2.16.840.1.113883.6.257.768 |
|  | 45602-0 | Eating - self-performance | CO | 2.16.840.1.113883.6.257.755 |
|  | 45603-8 | Eating - support provided | CO | 2.16.840.1.113883.6.257.768 |
|  | 45604-6 | Toilet use - self-performance | CO | 2.16.840.1.113883.6.257.755 |
|  | 45605-3 | Toilet use - support provided | CO | 2.16.840.1.113883.6.257.768 |
|  | 45606-1 | Personal hygiene - self-performance | CO | 2.16.840.1.113883.6.257.755 |
|  | 45607-9 | Personal hygiene - support provided | CO | 2.16.840.1.113883.6.257.768 |
| 46008-9 | Panel | Bathing |  |  |
|  | 45608-7 | Bathing - self-performance | CO | 2.16.840.1.113883.6.257.860 |
|  | 45609-5 | Bathing - support provided | CO | 2.16.840.1.113883.6.257.768 |
| 46009-7 | Panel | Test for balance |  |  |
|  | 45610-3 | Balance while standing | CO | 2.16.840.1.113883.6.257.876 |
|  | 45523-8 | Balance while sitting | CO | 2.16.840.1.113883.6.257.876 |
| 46010-5 | Panel | Functional limitation in range of motion |  |  |
|  | 45524-6 | Range of motion^Neck | CO | 2.16.840.1.113883.6.257.889 |
|  | 45525-3 | Voluntary movement^Neck | CO | 2.16.840.1.113883.6.257.898 |
|  | 45526-1 | Range of motion^Upper Extremity | CO | 2.16.840.1.113883.6.257.889 |
|  | 45527-9 | Voluntary movement^Upper Extremity | CO | 2.16.840.1.113883.6.257.898 |
|  | 45528-7 | Range of motion^Hand | CO | 2.16.840.1.113883.6.257.889 |
|  | 45529-5 | Voluntary movement^Hand | CO | 2.16.840.1.113883.6.257.898 |
|  | 45530-3 | Range of motion^Lower Extremity | CO | 2.16.840.1.113883.6.257.889 |
|  | 45531-1 | Voluntary movement^Lower Extremity | CO | 2.16.840.1.113883.6.257.898 |
|  | 45532-9 | Range of motion^Foot | CO | 2.16.840.1.113883.6.257.889 |
|  | 45533-7 | Voluntary movement^Foot | CO | 2.16.840.1.113883.6.257.898 |
|  | 45534-5 | Other - range of motion | CO | 2.16.840.1.113883.6.257.889 |
|  | 45535-2 | Other - voluntary movement | CO | 2.16.840.1.113883.6.257.898 |
| 46011-3 | Panel | Modes of locomotion |  |  |
|  | 45536-0 | Uses cane, walker or crutch | CO | 2.16.840.1.113883.6.257.117 |
|  | 45537-8 | Wheeled self | CO | 2.16.840.1.113883.6.257.117 |
|  | 45538-6 | Other person wheeled | CO | 2.16.840.1.113883.6.257.117 |
|  | 45539-4 | Uses wheelchair for primary locomotion | CO | 2.16.840.1.113883.6.257.117 |
|  | 45540-2 | No modes of locomotion | CO | 2.16.840.1.113883.6.257.117 |
| 46012-1 | Panel | Modes of transfer |  |  |
|  | 45541-0 | Bedfast all or most of the time | CO | 2.16.840.1.113883.6.257.117 |
|  | 45542-8 | Bed rails for bed mobility or transfer | CO | 2.16.840.1.113883.6.257.117 |
|  | 45543-6 | Lifted manually | CO | 2.16.840.1.113883.6.257.117 |
|  | 45544-4 | Lifted mechanically | CO | 2.16.840.1.113883.6.257.117 |
|  | 45545-1 | Transfer aid | CO | 2.16.840.1.113883.6.257.117 |
|  | 45546-9 | No mode of transfer | CO | 2.16.840.1.113883.6.257.117 |
| No Panel | 45611-1 | Task segmentation | CO | 2.16.840.1.113883.6.257.117 |
| 46013-9 | Panel | ADL functional rehabilitation potential |  |  |
|  | 45612-9 | Resident sees increased independence capability | CO | 2.16.840.1.113883.6.257.117 |
|  | 45613-7 | Staff sees increased independence capability | CO | 2.16.840.1.113883.6.257.117 |
|  | 45614-5 | Resident slow performing tasks or activity | CO | 2.16.840.1.113883.6.257.117 |
|  | 45615-2 | Difference in morning to evening activities of daily living | CO | 2.16.840.1.113883.6.257.117 |
|  | 45616-0 | Activities of daily living rehabilitation potential - none of above | CO | 2.16.840.1.113883.6.257.117 |
|  | 45617-8 | Change in activities of daily living function | CO | 2.16.840.1.113883.6.257.464 |

The coded original values used in the observations above are described in more detail in the table below.

| Explanation | Coded Value |
| --- | --- |
| 2.16.840.1.113883.6.257.755 | |
| INDEPENDENT-No help or oversight -OR- Help/oversight provided only 1 or 2 times during last 7 days | 0 |
| SUPERVISION-Oversight, encouragement or cueing provided 3 or more times during last7 days -OR- Supervision (3 or more times) plus physical assistance provided only 1 or 2 times during last 7 days | 1 |
| LIMITED ASSISTANCE-Resident highly involved in activity; received physical help in guided maneuvering of limbs or other nonweight-bearing assistance 3 or more times - OR-More help provided only 1 or 2 times during last 7 days | 2 |
| EXTENSIVE ASSISTANCE-While resident performed part of activity, over last 7-day period, help of following type(s) provided 3 or more times: - Weight-bearing support - Full staff performance during part (but not all) of last 7 days | 3 |
| TOTAL DEPENDENCE-Full staff performance of activity during entire 7 days | 4 |
| ACTIVITY DID NOT OCCUR during entire 7 days | 8 |
| 2.16.840.1.113883.6.257.768 | |
| No setup or physical help from staff | 0 |
| Setup help only | 1 |
| One person physical assist | 2 |
| ADL activity itself did not occur during entire 7 days | 8 |
| 2.16.840.1.113883.6.257.860 | |
| Independent-No help provided | 0 |
| Supervision-Oversight help only | 1 |
| Physical help limited to transfer only | 2 |
| Physical help in part of bathing activity | 3 |
| Total dependence | 4 |
| Activity itself did not occur during entire 7 days | 8 |
| 2.16.840.1.113883.6.257.876 | |
| Maintained position as required in test | 0 |
| Unsteady, but able to rebalance self without physical support | 1 |
| Partial physical support during test; or stands (sits) but does not follow directions for test | 2 |
| Not able to attempt test without physical help | 3 |
| 2.16.840.1.113883.6.257.889 | |
| No limitation | 0 |
| Limitation on one side | 1 |
| Limitation on both sides | 2 |
| 2.16.840.1.113883.6.257.898 | |
| No loss | 0 |
| Partial loss | 1 |
| Full loss | 2 |
| 2.16.840.1.113883.6.257.117 | |
| No | 0 |
| Yes | 1 |
| UTD | - |
| 2.16.840.1.113883.6.257.464 | |
| No change | 0 |
| Improved | 1 |
| Deteriorated | 2 |

Add Section 6.3.3.2.27

##### 6.3.3.2.27 Preprocedure Review of Systems Section 1.3.6.1.4.1.19376.1.5.3.1.1.9.13

|  |  |  |
| --- | --- | --- |
| Template ID | 1.3.6.1.4.1.19376.1.5.3.1.1.9.13 | |
| Parent Template | Review of Systems (1.3.6.1.4.1.19376.1.5.3.1.3.18) | |
| General Description | The pre-procedure review of systems section shall contain only required and optional subsections dealing with the responses the patient gave to a set of routine questions on body systems in general and specific risks of anesthesia not covered in general review of systems. | |
| LOINC Code | Opt | Description |
| 10187-3 | R | REVIEW OF SYSTEMS |
| Subsections | Opt | Description |
| 1.3.6.1.4.1.19376.1.5.3.1.1.9.46 | R | Implanted Medical Device Review |
| 1.3.6.1.4.1.19376.1.5.3.1.1.9.47 | R2 | Pregnancy Status Review |
| 1.3.6.1.4.1.19376.1.5.3.1.1.9.14 | R | Anesthesia Risk Review of Systems |

<component>

<section>

<templateId root='1.3.6.1.4.1.19376.1.5.3.1.3.18'/>

<templateId root='1.3.6.1.4.1.19376.1.5.3.1.1.9.13'/>

<id root=' ' extension=' '/>

<code code='10187-3' displayName='REVIEW OF SYSTEMS'

codeSystem='2.16.840.1.113883.6.1' codeSystemName='LOINC'/>

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Text as described above

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<templateId root='1.3.6.1.4.1.19376.1.5.3.1.1.9.46'/>

<!-- Required Implanted Medical Device Review Section content -->

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<templateId root='1.3.6.1.4.1.19376.1.5.3.1.1.9.47'/>

<!-- Required if known Pregnancy Status Review Section content -->

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<section>

<templateId root='1.3.6.1.4.1.19376.1.5.3.1.1.9.14'/>

<!-- Required Anesthesia Risk Review of Systems Section content -->

</section>

</component>

</section>

</component>

Figure 6.3.3.2.27-1: Specification for Preprocedure Review of Systems Section

Add Section 6.3.3.2.28

##### 6.3.3.2.28 Estimated Delivery Date Section 1.3.6.1.4.1.19376.1.5.3.1.1.11.2.2.1

|  |  |  |
| --- | --- | --- |
| Template ID | 1.3.6.1.4.1.19376.1.5.3.1.1.11.2.2.1 | |
| General Description | This section contains the physician’s best estimate of the patients due date. This is generally done both on an initial evaluation, and later confirmed at 18-20 weeks. The date is supported by evidence such as the patient’s history of last menstrual period, a physical examination, or ultrasound measurements. | |
| LOINC Code | Opt | Description |
| 57060-6 | R | Estimated date of delivery |
| Entries | Opt | Description |
| 1.3.6.1.4.1.19376.1.5.3.1.1.11.2.3.1 | R | [Estimated Delivery Date Observation](#_1.3.6.1.4.1.19376.1.5.3.1.1.11.2.3.1.htm) This is a simple observation to represent the estimated due date with a supporting observation or observations that state the method used and date implied by that method. If one observation is present, then it is to be interpreted as the initial EDD. If the initial observation dates indicate the EDD is within the 18 to 20 weeks completed gestation, that observation will also populate the 18-20 week update. If the initial observation indicates an EDD of more than 20 weeks EGA, then no value will be placed in the 18-20 week update field. |

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<templateId root='1.3.6.1.4.1.19376.1.5.3.1.1.11.2.2.1'/>

<id root=' ' extension=' '/>

<code code='57060-6' displayName='Estimated date of delivery'

codeSystem='2.16.840.1.113883.6.1' codeSystemName='LOINC'/>

<text>

Text as described above

</text>

<entry>

 :

<!-- Required Estimated Due Date Observation element -->

<templateId root='[1.3.6.1.4.1.19376.1.5.3.1.1.11.2.3.1](#_1.3.6.1.4.1.19376.1.5.3.1.1.11.2.3.1.htm)'/>

 :

</entry>

</section>

</component>

Figure 6.3.3.2.28-1: Specification for Estimated Delivery Dates Section

Add Section 6.3.3.2.29

##### 6.3.3.2.29 History of Tobacco Use Section 1.3.6.1.4.1.19376.1.5.3.1.1.9.8

|  |  |  |
| --- | --- | --- |
| Template ID | 1.3.6.1.4.1.19376.1.5.3.1.1.9.8 | |
| General Description | The history of tobacco use section shall contain a description of the responses the patient gave to a set of routine questions on the history of tobacco use. | |
| LOINC Code | Opt | Description |
| 11366-2 | R | HISTORY OF TOBACCO USE |

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<templateId root='1.3.6.1.4.1.19376.1.5.3.1.1.9.8'/>

<id root=' ' extension=' '/>

<code code='11366-2' displayName='HISTORY OF TOBACCO USE'

codeSystem='2.16.840.1.113883.6.1' codeSystemName='LOINC'/>

<text>

Text as described above

</text>

</section>

</component>

Figure 6.3.3.2.29-1: Specification for History of Tobacco Use Section

Add Section 6.3.3.2.30

##### 6.3.3.2.30 Current Alcohol/Substance Abuse Section 1.3.6.1.4.1.19376.1.5.3.1.1.9.10

|  |  |  |
| --- | --- | --- |
| Template ID | 1.3.6.1.4.1.19376.1.5.3.1.1.9.10 | |
| General Description | The history of alcohol/substance abuse section shall contain a description of the responses the patient gave to a set of routine questions on the current abuse of alcohol or other substances. | |
| LOINC Code | Opt | Description |
| 18663-5 | R | HISTORY OF PRESENT ALCOHOL AND/OR SUBSTANCE ABUSE |

<component>

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<templateId root='1.3.6.1.4.1.19376.1.5.3.1.1.9.10'/>

<id root=' ' extension=' '/>

<code code='18663-5' displayName='HISTORY OF PRESENT ALCOHOL AND/OR SUBSTANCE ABUSE'

codeSystem='2.16.840.1.113883.6.1' codeSystemName='LOINC'/>

<text>

Text as described above

</text>

</section>

</component>

Figure 6.3.3.2.30-1: Specification for Current Alcohol/Substance Abuse Section

Add Section 6.3.3.2.31

##### 6.3.3.2.31 History of Blood Transfusion Section 1.3.6.1.4.1.19376.1.5.3.1.1.9.12

|  |  |  |
| --- | --- | --- |
| Template ID | 1.3.6.1.4.1.19376.1.5.3.1.1.9.12 | |
| General Description | The History of Blood Transfusion section shall contain a narrative description of the blood products the patient has received in the past, including any reactions to blood products. | |
| LOINC Code | Opt | Description |
| 56836-0 | R | History of blood transfusion |

<component>

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<templateId root='1.3.6.1.4.1.19376.1.5.3.1.1.9.12'/>

<id root=' ' extension=' '/>

<code code='56836-0' displayName='History of blood transfusion'

codeSystem='2.16.840.1.113883.6.1' codeSystemName='LOINC'/>

<text>

Text as described above

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Figure 6.3.3.2.31-1: Specification for History of Blood Transfusion Section

Add Section 6.3.3.2.32

##### 6.3.3.2.32 Anesthesia Risk Review of Systems Section 1.3.6.1.4.1.19376.1.5.3.1.1.9.14

|  |  |  |
| --- | --- | --- |
| Template ID | 1.3.6.1.4.1.19376.1.5.3.1.1.9.14 | |
| Parent Template | 1.3.6.1.4.1.19376.1.5.3.1.3.18 | |
| General Description | The anesthesia review of systems section shall contain a description of the responses the patient gave to a set of routine questions on specific risks of anesthesia not covered in general review of systems such as broken teeth, airway limitations, positioning limitations, recent infections, and history of personal anesthesia problems.. | |
| LOINC Code | Opt | Description |
| 57081-2 | R | Anesthesia Risk Review of Systems |

<component>

<section> <templateId root='1.3.6.1.4.1.19376.1.5.3.1.3.18'/>

<templateId root='1.3.6.1.4.1.19376.1.5.3.1.1.9.14'/>

<id root=' ' extension=' '/>

<code code='57081-2' displayName='Anesthesia Risk Review of Systems'

codeSystem='2.16.840.1.113883.6.1' codeSystemName='LOINC'/>

<text>

Text as described above

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</component>

Figure 6.3.3.2.32-1: Specification for Anesthesia Risk Review of Systems Section

Add Section 6.3.3.2.33

##### 6.3.3.2.33 Implanted Medical Device Review Section 1.3.6.1.4.1.19376.1.5.3.1.1.9.46

|  |  |  |
| --- | --- | --- |
| Template ID | 1.3.6.1.4.1.19376.1.5.3.1.1.9.46 | |
| General Description | The implanted medical device review section shall contain a description of the medical devices that are inserted into the patient, whether internal or partially external. | |
| LOINC Code | Opt | Description |
| 57080-4 | R | Implanted medical device |

<component>

<section>

<templateId root='1.3.6.1.4.1.19376.1.5.3.1.1.9.46'/>

<id root=' ' extension=' '/>

<code code='57080-4' displayName='Implanted medical device'

codeSystem='2.16.840.1.113883.6.1' codeSystemName='LOINC'/>

<text>

Text as described above

</text>

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</component>

Figure 6.3.3.2.33-1: Specification for Implanted Medical Device Review Section

Add Section 6.3.3.2.34

##### 6.3.3.2.34 Pregnancy Status Review Section 1.3.6.1.4.1.19376.1.5.3.1.1.9.47

|  |  |  |
| --- | --- | --- |
| Template ID | 1.3.6.1.4.1.19376.1.5.3.1.1.9.47 | |
| General Description | The pregnancy status review section shall contain a description of the responses the patient gave to a set of routine questions regarding potential pregnancy in females of child-bearing-age. It shall include a Pregnancy Status Organizer. | |
| LOINC Code | Opt | Description |
| 11449-6 | R | Pregnancy Status-Reported |
| Entries | Opt | Description |
| TBD | O | Pregnancy Status Review Organizer |

<component>

<section>

<templateId root='1.3.6.1.4.1.19376.1.5.3.1.1.9.47'/>

<id root=' ' extension=' '/>

<code code='11449-6' displayName='Pregnancy Status-Reported'

codeSystem='2.16.840.1.113883.6.1' codeSystemName='LOINC'/>

<text>

Text as described above

</text>

</section>

</component>

Figure 6.3.3.2.34-1: Specification for Pregnancy Status Review Section

Add Section 6.3.3.2.35

##### 6.3.3.2.35 History of Infection Section 1.3.6.1.4.1.19376.1.5.3.1.1.16.2.1.1

|  |  |  |
| --- | --- | --- |
| Template ID | 1.3.6.1.4.1.19376.1.5.3.1.1.16.2.1.1 | |
| General Description | The History of Infection section shall contain a narrative description of any infections the patient may have contracted prior to the patient's current visit or admission. | |
| LOINC Code | Opt | Description |
| 56838-6 | R | History of infectious disease |

<component>

<section>

<templateId root='1.3.6.1.4.1.19376.1.5.3.1.1.16.2.1.1'/>

<id root=' ' extension=' '/>

<code code='56838-6' displayName='History of infectious disease'

codeSystem='2.16.840.1.113883.6.1' codeSystemName='LOINC'/>

<text>

Text as described above

</text>

</section>

</component>

Figure 6.3.3.2.35-1: Specification for History of Infection Section

Add Section 6.3.3.2.36

##### 6.3.3.2.36 Coded Social History Section 1.3.6.1.4.1.19376.1.5.3.1.3.16.1

**Table 6.3.3.2.36-1: Coded Social History Section**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Template Name | | Coded Social History Section | | | |
| Template ID | | 1.3.6.1.4.1.19376.1.5.3.1.3.16.1 | | | |
| Parent Template | | IHE Social History Section 1.3.6.1.4.1.19376.1.5.3.1.3.16 | | | |
| General 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. | | | |
| Section Code | | 29762-2, LOINC, “Social History” | | | |
| Author | | If not the author from the encompassing context, include author. Role and entity must be specified if not inherited. | | | |
| Informant | | If not the informant from the encompassing context, include informant. Role and entity must be specified if not inherited. | | | |
| Subject | | If not the subject from the encompassing context, include subject. Role and entity must be specified if not inherited. | | | |
| Opt and Card | Condition | Data Element or  Section Name | Template ID | Specification Document | Vocabulary  Constraint |
| Subsections | | | | | |
| O [0..1] |  | Occupation Data for Health Section | 1.3.6.1.4.1.19376.1.5.3.1.3.37 |  |  |
| Entries | | | | | |
| R [1..\* ] | PCC TF-2 6.3.4.24 | Social History Observation | 1.3.6.1.4.1.19376.1.5.3.1.4.13.4 |  |  |

<component>

<section>

<templateId root='11.3.6.1.4.1.19376.1.5.3.1.3.16'/>

<templateId root='11.3.6.1.4.1.19376.1.5.3.1.3.16.1'/>

<id root=' ' extension=' '/>

<code code='29762-2’ displayName='SOCIAL HISTORY'

codeSystem='2.16.840.1.113883.6.1' codeSystemName='LOINC'/>

<text>

Text as described above

</text>

</section>

</component>

Figure 6.3.3.2.36-1: Specification for Coded Social History Section

Add Section 6.3.3.2.37

##### 6.3.3.2.37 Coded History of Infection Section 1.3.6.1.4.1.19376.1.5.3.1.1.16.2.1.1.1

|  |  |  |
| --- | --- | --- |
| Template ID | 1.3.6.1.4.1.19376.1.5.3.1.1.16.2.1.1.1 | |
| Parent Template | History of Infection (1.3.6.1.4.1.19376.1.5.3.1.1.16.2.1.1) | |
| General Description | The History of Infection section shall contain a narrative description of any infections the patient may have contracted prior to the patient's current condition. It shall include entries for problems as described in the Entry Content Modules. | |
| LOINC Code | Opt | Description |
| 56838-6 | R | History of infectious disease |
| Entries | Opt | Description |
| 1.3.6.1.4.1.19376.1.5.3.1.4.5.2 | R | [Problem Concern Entry](#T1_3_6_1_4_1_19376_1_5_3_1_4_5_2) |

<component>

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<templateId root='1.3.6.1.4.1.19376.1.5.3.1.1.16.2.1.1.1'/>

<id root=' ' extension=' '/>

<code code='56838-6' displayName='History of infectious disease'

codeSystem='2.16.840.1.113883.6.1' codeSystemName='LOINC'/>

<text>

Text as described above

</text>

</section>

</component>

Figure 6.3.3.2.37-1: Specification for Coded History of Infection Section

Add Section 6.3.3.2.38

##### 6.3.3.2.38 Prenatal Events Section 1.3.6.1.4.1.19376.1.5.3.1.1.21.2.2

|  |  |  |
| --- | --- | --- |
| Template ID | 1.3.6.1.4.1.19376.1.5.3..1.1.21.2.2 | |
| General Description | The Prenatal Events Section shall include narrative text describing pertinent prenatal information that has a direct impact on the process of labor and delivery. It shall also include subsections if known. | |
| LOINC Code | Opt | Description |
| 57073-9 | R | Prenatal events |
| Subsections | Opt | Description |
| **Coded Results**  This section SHOULD contain laboratory results and procedures as pertaining to the pregnancy , e.g., amniocentesis, cordocentesis, chorionic villus sampling. | R2 | 1.3.6.1.4.1.19376.1.5.3.1.3.28 |
| **Procedures and Interventions**  This section SHOULD contain procedures that took place during the prenatal period (i.e., prenatal care, prenatal complications, prenatal surgeries) | R2 | 1.3.6.1.4.1.19376.1.5.3.1.1.13.2.11 |
| **Event Outcomes**  This section contains event outcomes related to prenatal events e.g., miscarriage, infection. | R2 | 1.3.6.1.4.1.19376.1.5.3.1.1.21.2.9 |

<component>

<section>

<templateId root='**1.3.6.1.4.1.19376.1.5.3.1.1.21.2.2**'/>

<id root=' ' extension=' '/>

<code code='57073-9' displayName='Prenatal events’

codeSystem='2.16.840.1.113883.6.1' codeSystemName='LOINC'/>

<text>

Text as described above

</text>

<component>

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<templateId root='1.3.6.1.4.1.19376.1.5.3.1.3.28'/>

<!-- Required if known Coded Results Section -->

</section>

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<section>

<templateId root='1.3.6.1.4.1.19376.1.5.3.1.1.13.2.11'/>

<!-- Required if known Procedures and Interventions Section -->

</section>

</component>

<component>

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<templateId root='1.3.6.1.4.1.19376.1.5.3.1.1.21.2.9'/>

<!-- Required if known Event Outcomes Section -->

</section>

</component>

</section>

</component>

Figure 6.3.3.2.38-1: Specification for Prenatal Events Section

Add Section 6.3.3.2.39

##### 6.3.3.2.39 Labor and Delivery Events Section 1.3.6.1.4.1.19376.1.5.3.1.1.21.2.3

|  |  |  |
| --- | --- | --- |
| Template ID | 1.3.6.1.4.1.19376.1.5.3.1.1.21.2.3 | |
| Parent Template |  | |
| General Description | The Labor and Delivery Events Section SHALL include a narrative text containing relevant information collected during the labor and delivery process. | |
| LOINC Code | Opt | Description |
| 57074-7 | R | Labor and delivery process |
| Subsections | Opt | Description |
| **Procedures and Interventions**  The subsection SHALL contain procedures and interventions specific to labor and delivery events. These may include induction, the delivery type (e.g., vaginal, vaginal birth after cesarean section or cesarean section along with incision type), electronic fetal monitoring, etc. | R2 | 1.3.6.1.4.1.19376.1.5.3.1.1.13.2.11 |
| **Coded Event Outcomes**  This section SHOULD contain outcomes related to the labor and delivery process such as live birth or stillborn.  The subsection shall include coded event outcomes such as live birth or stillborn and also including maternal death with date/time. Furthermore, Coded Event Outcomes section shall contain a simple Observation using LOINC Code 11636-8 that reports the number of births live or dead that occurred during the delivery event. | R2 | 1.3.6.1.4.1.19376.1.7.3.1.1.13.7 |

<component>

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codeSystem='2.16.840.1.113883.6.1' codeSystemName='LOINC'/>

<text>

Text as described above

</text>

<component>

<section>

<templateId root='1.3.6.1.4.1.19376.1.5.3.1.1.13.2.11'/>

<!-- Required if known Procedures and Interventions Section -->

</section>

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<component>

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<!-- Required if known Coded Event Outcomes Section -->

</section>

</component>

</section>

</component>

Figure 6.3.3.2.39-1: Specification for Labor and Delivery Process Section

Add Section 6.3.3.2.40

##### 6.3.3.2.40 Newborn Delivery Information Section 1.3.6.1.4.1.19376.1.5.3.1.1.21.2.4

|  |  |  |
| --- | --- | --- |
| Template ID | 1.3.6.1.4.1.19376.1.5.3.1.1.21.2.4 | |
| General Description | The Newborn Delivery Information Section SHALL include a narrative text containing information collected at the birth and up to the transfer of the infant from the birthing room to a post-natal unit. | |
| LOINC Code | Opt | Description |
| 57075-4 | R | Newborn delivery information from newborn |
| Subsections | Opt | Description |
| **Coded Detailed Physical Examination Section**  This section SHALL include information about the newborn genitalia; weight; length; head circumference, size (AGA, SGA or LGA); Apgar score assessment ; vital signs, physical exam findings | R | 1.3.6.1.4.1.19376.1.5.3.1.1.9.15.1 |
| **Active Problems**  This section SHALL describe problems that the newborn might have had during or immediately prior to delivery. | R2 | 1.3.6.1.4.1.19376.1.5.3.1.3.6 |
| **Procedures and Interventions**  This section SHALL include the procedures and interventions received by the newborn such as suction or resuscitation. | R2 | 1.3.6.1.4.1.19376.1.5.3.1.1.13.2.11 |
| **Medications Administered**  This section SHALL include the medication that was administered to the newborn while in the birthing suite such as: Vitamin K (Aquamephyton) injection; erythromycin eye ointment;  and resuscitation medications (if any) including date, time, and route of administration. | R2 | 1.3.6.1.4.1.19376.1.5.3.1.3.21 |
| **Event Outcomes**  This section SHALL include the outcomes of the procedures and interventions such as a resuscitation event. | R2 | 1.3.6.1.4.1.19376.1.5.3.1.1.21.2.9 |
| **Coded Event Outcomes** | C | 1.3.6.1.4.1.19376.1.7.3.1.1.13.7 |
| **Coded Results** | C | 1.3.6.1.4.1.19376.1.5.3.1.3.28 |
| **Intake and Output**  This section SHALL include any intake and output while the newborn is in the delivery suite (excluding estimated blood loss) such as: first urine/void; stool; gastric output | C | 1.3.6.1.4.1.19376.1.5.3.1.1.20.2.3 |

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<section>

<templateId root='1.3.6.1.4.1.19376.1.5.3.1.1.21.2.4'/>

<id root=' ' extension=' '/>

<code code='57075-4' displayName='Newborn delivery information from newborn'

codeSystem='2.16.840.1.113883.6.1' codeSystemName='LOINC'/>

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Text as described above

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<!-- Required Coded Detailed Physical Examination Section -->

</section>

</component>

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<templateId root='1.3.6.1.4.1.19376.1.5.3.1.3.6'/>

<!-- Required if known Active Problems Section -->

</section>

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<component>

<section>

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<!-- Required if known Procedures and Interventions Section -->

</section>

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<templateId root='1.3.6.1.4.1.19376.1.5.3.1.3.21'/>

<!-- Required if known Medications Administered Section -->

</section>

</component>

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<templateId root='1.3.6.1.4.1.19376.1.5.3.1.1.21.2.9'/>

<!-- Required if known Event Outcomes Section -->

</section>

</component>

</section>

</component>

Figure 6.3.3.2.40-1: Specification for Newborn Delivery Information Section

Add Section 6.3.3.2.41

##### 6.3.3.2.41 Postpartum Hospitalization Treatment Section 1.3.6.1.4.1.19376.1.5.3.1.1.21.2.7

|  |  |  |
| --- | --- | --- |
| Template ID | 1.3.6.1.4.1.19376.1.5.3.1.1.21.2.7 | |
| Parent Template |  | |
| General Description | The Postpartum Treatment Section shall include a narrative description of the treatment delivered to the mother subsequent to the delivery. | |
| LOINC Code | Opt | Description |
| 57076-2 | R | Postpartum hospitalization TREATMENT |
| Subsections | Opt | Description |
| **Immunizations**  This section SHOULD contain the immunization given to the mother prior to the discharge from the birthing facility. | O | 1.3.6.1.4.1.19376.1.5.3.1.4.12 |
| **Medications Administered**  This SHOULD include commonly prescribed maternal medications including contraceptive medication. | R2 | 1.3.6.1.4.1.19376.1.5.3.1.3.21 |
| **Procedures and Interventions**  This section SHALL include the procedures and interventions received by the mother during the immediate post-partum period e.g., transfusion or curettage. | R | 1.3.6.1.4.1.19376.1.5.3.1.1.13.2.11 |
| **Coded Results**  This section SHOULD contain laboratory results and procedures as pertaining to the mother while discharged such as the hemoglobin or the hematocrit level. | R2 | 1.3.6.1.4.1.19376.1.5.3.1.3.28 |
| **Care plan**  This section SHOULD include the plan of care for the mother upon her discharge such as the feeding method or the contraceptive plan | O | 1.3.6.1.4.1.19376.1.5.3.1.3.31 |
| **Discharge Diet**  This section SHALL include the diet that the mother was recommended upon her discharge. | R | 1.3.6.1.4.1.19376.1.5.3.1.3.33 |

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<templateId root='1.3.6.1.4.1.19376.1.5.3.1.1.21.2.7'/>

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<code code='57076-2' displayName='POST PARTUM HOSPITALIZATION TREATMENT'

codeSystem='2.16.840.1.113883.6.1' codeSystemName='LOINC'/>

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Text as described above

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<!-- Required Active Problems Section -->

</section>

</component>

<component>

<section>

<templateId root='1.3.6.1.4.1.19376.1.5.3.1.4.12'/>

<!-- Optional Immunizations Section -->

</section>

</component>

<component>

<section>

<templateId root='1.3.6.1.4.1.19376.1.5.3.1.3.22'/>

<!-- Required if known Hospital Discharge Medication Section -->

</section>

</component>

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<section>

<templateId root='1.3.6.1.4.1.19376.1.5.3.1.1.13.2.11'/>

<!-- Required Procedures and Interventions Section -->

</section>

</component>

<component>

<section>

<templateId root='1.3.6.1.4.1.19376.1.5.3.1.3.28'/>

<!—Required if known Coded Results Section -->

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<section>

<templateId root='1.3.6.1.4.1.19376.1.5.3.1.3.31'/>

<!-- Optional Care Plan Section -->

</section>

</component>

<component>

<section>

<templateId root='1.3.6.1.4.1.19376.1.5.3.1.3.33'/>

<!-- Required Discharge Diet Section -->

</section>

</component>

</section>

</component>

Figure 6.3.3.2.41-1: Specification for Postpartum Treatment Section

Add Section 6.3.3.2.42

##### 6.3.3.2.42 Event Outcomes Section 1.3.6.1.4.1.19376.1.5.3.1.1.21.2.9

|  |  |  |
| --- | --- | --- |
| Template ID | 1.3.6.1.4.1.19376.1.5.3.1.1.21.2.9 | |
| Parent Template |  | |
| General Description | The Event Outcome Section shall include a narrative description of the outcomes following a procedure, an intervention or a problem. | |
| LOINC Code | Opt | Description |
| 42545-4 | R | EVENT OUTCOME |

<component>

<section>

<templateId root='1.3.6.1.4.1.19376.1.5.3.1.1.21.2.9'/>

<id root=' ' extension=' '/>

<code code='42545-4' displayName='EVENT OUTCOME'

codeSystem='2.16.840.1.113883.6.1' codeSystemName='LOINC'/>

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Text as described above

</text>

</component>

Figure 6.3.3.2.42-1: Specification for Event Outcomes Section

Add Section 6.3.3.2.43

##### 6.3.3.2.43 Newborn Status at Maternal Discharge 1.3.6.1.4.1.19376.1.5.3.1.1.21.2.8

|  |  |  |
| --- | --- | --- |
| Template ID | 1.3.6.1.4.1.19376.1.5.3.1.1.21.2.8 | |
| Parent Template |  | |
| General Description | The Newborn Status and Maternal Discharge section shall contain a narrative description of the status and disposition of the newborn at the time of maternal discharge. | |
| LOINC Code | Opt | Description |
| 57077-0 | R | Newborn status at maternal discharge from newborn |

<component>

<section>

<templateId root='1.3.6.1.4.1.19376.1.5.3.1.1.21.2.8'/>

<id root=' ' extension=' '/>

<code code='57077-0' displayName='Newborn status at maternal discharge from newborn'

codeSystem='2.16.840.1.113883.6.1' codeSystemName='LOINC'/>

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Text as described above

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</component>

Figure 6.3.3.2.43-1: Specification for Newborn Status at Maternal Discharge Section

Add Section 6.3.3.2.44

##### 6.3.3.2.44 History of Surgical Procedures Section 1.3.6.1.4.1.19376.1.5.3.1.1.16.2.2

|  |  |  |
| --- | --- | --- |
| Template ID | 1.3.6.1.4.1.19376.1.5.3.1.1.16.2.2 | |
| Parent Template |  | |
| General Description | The History of Surgical Procedures Section shall contain a narrative description of the surgical procedures performed on the patient. | |
| LOINC Code | Opt | Description |
| 10167-5 | R | History of surgical procedures |

<component>

<section>

<templateId root='1.3.6.1.4.1.19376.1.5.3.1.1.16.2.2'/>

<id root=' ' extension=' '/>

<code code='10167-5' displayName='History of surgical procedures'

codeSystem='2.16.840.1.113883.6.1' codeSystemName='LOINC'/>

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Text as described above

</text>

</component>

Figure 6.3.3.2.44-1: Specification for History of Surgical Procedures Section

Add Section 6.3.3.2.45

##### 6.3.3.2.45 Operative Note Section 1.3.6.1.4.1.19376.1.5.3.1.1.21.2.6

|  |  |  |
| --- | --- | --- |
| Template ID | 1.3.6.1.4.1.19376.1.5.3.1.1.21.2.6 | |
| Parent Template |  | |
| General Description | The Operative Note Section shall contain a narrative description of the current operation or surgical procedure in detail. | |
| LOINC Code | Opt | Description |
| 10223-6 | R | Surgical operation note surgical procedure |

<component>

<section>

<templateId root='1.3.6.1.4.1.19376.1.5.3.1.1.21.2.6'/>

<id root=' ' extension=' '/>

<code code='10223-6' displayName='Surgical operation note surgical procedure'

codeSystem='2.16.840.1.113883.6.1' codeSystemName='LOINC'/>

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Text as described above

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</component>

Figure 6.3.3.2.45-1: Specification for Operative Note Section

Add Section 6.3.3.2.46

##### 6.3.3.2.46 Child Functional Status Assessment 1.3.6.1.4.1.19376.1.7.3.1.1.13.3

|  |  |  |
| --- | --- | --- |
| Template ID | 1.3.6.1.4.1.19376.1.7.3.1.1.13.3 | |
| General Description | This section provides a description of the child’s status of normal functioning at the time the document was created. This section includes the psychomotor and the eating and sleeping assessments. This section shall include the Psychomotor Test Observation entry. | |
| LOINC Code | Opt | Description |
| 47420-5 | R | Functional Status Assessment |
| Subsections | Opt | Description |
| 1.3.6.1.4.1.19376.1.7.3.1.1.13.4 | O | Psychomotor Development |
| 1.3.6.1.4.1.19376.1.7.3.1.1.13.5 | O | Eating and sleeping assessment |

**Example**

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<id root="16696797-f854-443d-8819-231ee09cad71"/>

<code code="47420-5" displayName="Functional Status Assessment"

codeSystem="2.16.840.1.113883.6.1" codeSystemName="LOINC"/>

<title/>

<text/>

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<section>

<!-- Optional Psychomotor Development section -->

<templateId root='1.3.6.1.4.1.19376.1.7.3.1.1.13.4'/>

:

</section>

</component>

<component>

<section>

<!-- Eating and sleeping assessment section -->

<templateId root='1.3.6.1.4.1.19376.1.7.3.1.1.13.5'/>

:

</section>

</component>

</section>

</component>

Add Section 6.3.3.2.47

##### 6.3.3.2.47 Psychomotor Development Section 1.3.6.1.4.1.19376.1.7.3.1.1.13.4

|  |  |  |
| --- | --- | --- |
| Template ID | 1.3.6.1.4.1.19376.1.7.3.1.1.13.4 | |
| General Description | This section describes a test battery in order to evaluate the psychomotricity of the newborn. | |
| LOINC Code | Opt | Description |
| xx-MCH-PsychoMDev | R | Psychomotor development |
| Entries | Opt | Description |
| Simple Observation | R | 1.3.6.1.4.1.19376.1.5.3.1.4.13 |

<component>

<section>

<!— Psychomotor Development section templateId -->

<templateId root='1.3.6.1.4.1.19376.1.7.3.1.1.13.4'/>

<id root=' ' extension=' '/>

<code code='47420-5' displayName=' Functional Status Assessment '

codeSystem="2.16.840.1.113883.6.1" codeSystemName="LOINC" />

<text>

:

</text>

<entry>

:

<!—Required simple Observation element -->

<templateId root=1.3.6.1.4.1.19376.1.5.3.1.4.13>

:

</entry>

</section>

</component>

Add Section 6.3.3.2.48

##### 6.3.3.2.48 Eating and Sleeping Assessment Section 1.3.6.1.4.1.19376.1.7.3.1.1.13.5

|  |  |  |
| --- | --- | --- |
| Template ID | 1.3.6.1.4.1.19376.1.7.3.1.1.13.5 | |
| General Description | This section describes a test battery in order to evaluate the psychomotricity of the newborn. | |
| LOINC Code | Opt | Description |
| 47420-5 | R | Functional Status Assessment |
| Entries | Opt | Description |
| Simple Observation | R | 1.3.6.1.4.1.19376.1.5.3.1.4.13 |

<component>

<section>

<!—Eating and Sleeping assessment section templateId -->

<templateId root='1.3.6.1.4.1.19376.1.7.3.1.1.13.5'/>

<id root=' ' extension=' '/>

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codeSystem="2.16.840.1.113883.6.1" codeSystemName="LOINC" />

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:

</text>

<entry>

:

<!— Required Simple Observation element -->

<templateId root=1.3.6.1.4.1.19376.1.5.3.1.4.13/>

:

</entry>

</section>

</component>

Add Section 6.3.3.2.49

##### 6.3.3.2.49 Coded Event Outcomes 1.3.6.1.4.1.19376.1.7.3.1.1.13.7

|  |  |  |
| --- | --- | --- |
| Template ID | 1.3.6.1.4.1.19376.1.7.3.1.1.13.7 | |
| Parent Template | 1.3.6.1.4.1.19376.1.5.3.1.1.21.2.9 | |
| General Description | The Coded Event Outcome Section shall include a narrative description of the outcomes following a procedure, an intervention or a problem, and outcomes related to the labor and delivery process such as live birth or stillborn. It shall include entries for observation as described in the Simple Observation entry, or optionally as Problem Entry observations. | |
| LOINC Code | Opt | Description |
| 42545-4 | R | EVENT OUTCOME |
| Entries | Opt | Description |
| 1.3.6.1.4.1.19376.1.5.3.1.4.13 | R | Simple Observation |
| 1.3.6.1.4.1.19376.1.5.3.1.1.25.1.4.1 | R2 | Patient Transfer |
| 1.3.6.1.4.1.19376.1.5.3.1.4.5 | O | Problem Entry |

<component>

<section>

<!—Coded Event Outcomes assessment section templateId -->

<templateId root='1.3.6.1.4.1.19376.1.7.3.1.1.13.7'/>

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codeSystem="2.16.840.1.113883.6.1" codeSystemName="LOINC" />

<text>

:

</text>

<entry>

:

<!— Required Simple Observation element -->

<templateId root=”1.3.6.1.4.1.19376.1.5.3.1.4.13”/>

:

</entry>

<entry>

:

<!— Required if known Patient Transfer element -->

<templateId root=”1.3.6.1.4.1.19376.1.5.3.1.1.25.1.4.1”/>

:

</entry>

   <entry>

:

<!— Optional Problem Entry element -->

<templateId root=”1.3.6.1.4.1.19376.1.5.3.1.4.5”/>

:

</entry>

</section>

</component>

Add Section 6.3.3.2.50 (Occupational History - removed 2011-09 at the request of QRPH)

##### 6.3.3.2.50 Intentionally blank

Add Section 6.3.3.2.51 (Patient Status - removed 2011-09 at the request of QRPH)

##### 6.3.3.2.51 Intentionally blank

Add Section 6.3.3.2.52 Cancer Control - removed 2011-09 at the request of QRPH)

##### 6.3.3.2.52 Intentionally blank

Add Section 6.3.3.2.53

##### 6.3.3.2.53 Notifications, Alerts, and Reminders Section 1.3.6.1.4.1.19376.1.5.3.1.1.20.2.1.x

|  |  |  |
| --- | --- | --- |
| Template ID | 1.3.6.1.4.1.19376.1.5.3.1.1.20.2.1.x | |
| General Description | The Notifications, Reminders and Alerts section highlights areas of care plan non-conformance and directs the need for follow-up communications. | |
| LOINC Code | Opt | Description |
| XXX | R | Notifications, Alerts, and Reminders |
| Entries | Opt | Description |
| 1.3.6.1.4.1.19376.1.5.3.1.4.7 | C | Medications  Medications entries shall appear for all pending medications when present. These entries shall be in intent mood. |
| 1.3.6.1.4.1.19376.1.5.3.1.4.19 | C | Procedure  Procedure entries shall appear for all pending procedures when present. These entries shall be in intent mood. |
| 1.3.6.1.4.1.19376.1.5.3.1.4.14 | C | Encounter  Encounter entries should appear for all pending follow-up encounters. These entries shall be in promise or appointment request mood. |
| 1.3.6.1.4.1.19376.1.5.3.1.1.20.3.1 | C | Observation Request  Observation request entries should appear for all pending follow-up observations. These entries shall appear in intent mood. |

Add Section 6.3.3.2.54

##### 6.3.3.2.54 Pain Assessment Panel Section 1.3.6.1.4.1.19376.1.5.3.1.1.20.2.4

|  |  |  |
| --- | --- | --- |
| Template ID | 1.3.6.1.4.1.19376.1.5.3.1.1.20.2.4 | |
| General Description | This contains a narrative description of the patient’s pain, including such items as severity, quality, location, time of onset, radiation, etc. | |
| LOINC Code | Opt | Description |
| 38212-7 | R | Pain Assessment Panel |

<component>

<section>

<templateId root='1.3.6.1.4.1.19376.1.5.3.1.1.20.2.4'/>

<id root=' ' extension=' '/>

<code code='38212-7' displayName='Pain Assessment Panel'

codeSystem='2.16.840.1.113883.6.1' codeSystemName='LOINC'/>

<text>

*Text as described above*

</text>

</section>

</component>

Figure 6.3.2.54-1: Specification for Pain Assessment Panel Section

Add Section 6.3.3.2.55

##### 6.3.3.2.55 History of Cognitive Function Section 1.3.6.1.4.1.19376.1.5.3.1.1.21.2.11

|  |  |  |
| --- | --- | --- |
| Template ID | 1.3.6.1.4.1.19376.1.5.3.1.1.21.2.11 | |
| General Description | This contains a narrative description of a patient’s mental status. | |
| LOINC Code | Opt | Description |
| 11332-4 | R | History of Cognitive Function |

<component>

<section>

<templateId root='1.3.6.1.4.1.19376.1.5.3.1.1.21.2.11'/>

<id root=' ' extension=' '/>

<code code='11332-4' displayName='History of Cognitive Function'

codeSystem='2.16.840.1.113883.6.1' codeSystemName='LOINC'/>

<text>

*Text as described above*

</text>

</section>

</component>

Figure 6.3.2.55-1: Specification for History of Cognitive Function Section

Add Section 6.3.3.2.56 (Added 2011-06 from the PCC Transport Record Summary Profiles supplement)

##### 6.3.3.2.56 Isolation Status Section 1.3.6.1.4.1.19376.1.5.3.1.1.25.2.8

|  |  |  |
| --- | --- | --- |
| Template ID | 1.3.6.1.4.1.19376.1.5.3.1.1.25.2.8 | |
| General Description | The Isolation Status section describes a patient with an active infectious disease requiring additional personal protective equipment for healthcare providers. | |
| LOINC Code | Opt | Description |
| 55017-8 | R | ISOLATION OR QUARANTINE FOR ACTIVE INFECTIOUS DISEASE |

<component>

<section>

<templateId root='1.3.6.1.4.1.19376.1.5.3.1.1.25.2.8'/>

<id root=' ' extension=' '/>

<code code='55017-8' displayName=' ISOLATION OR QUARANTINE FOR ACTIVE INFECTIOUS DISEASE '

codeSystem='2.16.840.1.113883.6.1' codeSystemName='LOINC'/>

<text>

*Text as described above*

</text>

</section>

</component>

Figure 6.3.3.2.56-1: Sample Isolation Status Section

Add Section 6.3.3.2.57 (Added 2011-06 from the PCC Transport Record Summary Profiles supplement)

##### 6.3.3.2.57 Restraints Section 1.3.6.1.4.1.19376.1.5.3.1.1.25.2.10

|  |  |  |
| --- | --- | --- |
| Template ID | 1.3.6.1.4.1.19376.1.5.3.1.1.25.2.10 | |
| General Description | The Restraints section describes the type of restraints currently in use on the patient to be transported. | |
| LOINC Code | Opt | Description |
| 46067-5 | R | DEVICES AND RESTRAINTS SET |

<component>

<section>

<templateId root='1.3.6.1.4.1.19376.1.5.3.1.1.25.2.10'/>

<id root=' ' extension=' '/>

<code code='46067-5' displayName='DEVICES AND RESTRAINTS SET'

codeSystem='2.16.840.1.113883.6.1' codeSystemName='LOINC'/>

<text>

*Text as described above*

</text>

</section>

</component>

Figure 6.3.3.2.57-1: Sample Restraints Section

Add Section 6.3.3.2.58. Added 2011-09 from QRPH EHCP Profile

##### 6.3.3.2.58 Risk Indicators for Hearing Loss

|  |  |  |
| --- | --- | --- |
| Template ID | 1.3.6.1.4.1.19376.1.7.3.1.1.15.3.1 | |
| General Description | This section SHALL include at least one entry describing hearing risk indicators for the subject | |
| LOINC® Code | Opt | Description |
| 58232-0 | R | HEARING LOSS RISK INDICATOR |
| Entries | Opt | Description |
| 1.3.6.1.4.1.19376.1.7.3.1.1.15.5.1 | R | Risk Indicators for Hearing Loss Entry |

<component>

<section>  
 <templateId root=1.3.6.1.4.1.19376.1.7.3.1.1.15.3.1'/>

<id root=' ' extension=' '/>

<code code='58232-0' displayName= ‘HEARING LOSS RISK INDICATOR '

codeSystem='2.16.840.1.113883.6.1' codeSystemName='LOINC'/>

<text>

*Text as described above*

</text>

<entry>

 :

<!-- Required Risk Indicators for Hearing Loss Entry element -->

<templateId root='1.3.6.1.4.1.19376.1.7.3.1.1.15.5.1'/>

 :

</entry>

</section>

</component>

Figure 6.3.3.2.58-1: Sample Coded Risk Indicators for Hearing Loss Section

Add Section 6.3.3.2.59. Added 2011-09 from QRPH PRPH-Ca Profile

##### 6.3.3.2.59 Cancer Diagnosis Section 1.3.6.1.4.1.19376.1.7.3.1.3.14.1

|  |  |  |
| --- | --- | --- |
| Template ID | 1.3.6.1.4.1.19376.1.7.3.1.3.14.1 | |
| Parent ID | PCC Active Problem Section 1.3.6.1.4.1.19376.1.5.3.1.3.6  CCD 3.5 2.16.840.1.113883.10.20.1.11 | |
| General Description | This section contains specific detailed information about cancer diagnosis(es) that are currently being monitored for the patient. A separate entry for each cancer diagnosis SHALL be provided. | |
| LOINC Code | Opt | Description |
| 72135-7 | R | Cancer Diagnosis |
| Entries | Opt | Description |
| 1.3.6.1.4.1.19376.1.7.3.1.4.14.1 | R | Cancer Diagnosis Entry |

<component>

<section>

<templateId root='1.3.6.1.4.1.19376.1.7.3.1.3.14.1/>

<id root=' ' extension=' '/>

<code code='72135-7' displayName='Cancer Diagnosis'

codeSystem='2.16.840.1.113883.6.1' codeSystemName='LOINC'/>

<text>

Text as described above

</text>

<entry>

<!-- Required Cancer Diagnosis Entry element -->

<templateId root='1.3.6.1.4.1.19376.1.7.3.1.4.14.1'/>

:

</entry>

</section>

</component>

Figure 6.3.3.2.59-1: Specification for Cancer Diagnosis Section

Add Section 6.3.3.3

#### 6.3.3.3 Medications

Add Section 6.3.3.3.1

##### 6.3.3.3.1 Medications Section

Add Section 6.3.3.3.2

##### 6.3.3.3.2 Admission Medication History Section

Add Section 6.3.3.3.3

##### 6.3.3.3.3 Medications Administered Section

Add Section 6.3.3.3.4

##### 6.3.3.3.4 Hospital Discharge Medications Section

Add Section 6.3.3.3.5

##### 6.3.3.3.5 Immunizations Section

Add Section 6.3.3.4

#### 6.3.3.4 Physical Exams

**Note**: Sections 6.3.3.4.1 through 6.3.3.4.29 reside in IHE PCC TF-2:6.3.3.4

Add Section 6.3.3.4.30

##### 6.3.3.4.30 Coded Detailed Physical Examination Section 1.3.6.1.4.1.19376.1.5.3.1.1.9.15.1

|  |  |  |
| --- | --- | --- |
| Template ID | 1.3.6.1.4.1.19376.1.5.3.1.1.9.15.1 | |
| Parent Template | Detailed Physical Examination (1.3.6.1.4.1.19376.1.5.3.1.1.9.15) | |
| General Description | The Coded Detailed Physical Examination section shall contain a narrative description of the patient’s physical findings. It shall include subsections, if known, for the exams that are performed. | |
| LOINC Code | Opt | Description |
| 29545-1 | R | PHYSICAL EXAMINATION |
| Subsections | Opt | Description |
| 1.3.6.1.4.1.19376.1.5.3.1.1.5.3.2 | R2 | Coded Vital Signs  Vital signs may be a subsection of the physical examination or they may  stand alone |
| 1.3.6.1.4.1.19376.1.5.3.1.1.9.16 | R2 | General Appearance |
| 1.3.6.1.4.1.19376.1.5.3.1.1.9.48 | R2 | Visible Implanted Medical Devices |
| 1.3.6.1.4.1.19376.1.5.3.1.1.9.17 | R2 | Integumentary System |
| 1.3.6.1.4.1.19376.1.5.3.1.1.9.18 | R2 | Head |
| 1.3.6.1.4.1.19376.1.5.3.1.1.9.19 | R2 | Eyes |
| 1.3.6.1.4.1.19376.1.5.3.1.1.9.20 | R2 | Ears, Nose, Mouth and Throat |
| 1.3.6.1.4.1.19376.1.5.3.1.1.9.21 | R2 | Ears |
| 1.3.6.1.4.1.19376.1.5.3.1.1.9.22 | R2 | Nose |
| 1.3.6.1.4.1.19376.1.5.3.1.1.9.23 | R2 | Mouth, Throat, and Teeth |
| 1.3.6.1.4.1.19376.1.5.3.1.1.9.24 | R2 | Neck |
| 1.3.6.1.4.1.19376.1.5.3.1.1.9.25 | R2 | Endocrine System |
| 1.3.6.1.4.1.19376.1.5.3.1.1.9.26 | R2 | Thorax and Lungs |
| 1.3.6.1.4.1.19376.1.5.3.1.1.9.27 | R2 | Chest Wall |
| 1.3.6.1.4.1.19376.1.5.3.1.1.9.28 | R2 | Breasts |
| 1.3.6.1.4.1.19376.1.5.3.1.1.9.29 | R2 | Heart |
| 1.3.6.1.4.1.19376.1.5.3.1.1.9.30 | R2 | Respiratory System |
| 1.3.6.1.4.1.19376.1.5.3.1.1.9.31 | R2 | Abdomen |
| 1.3.6.1.4.1.19376.1.5.3.1.1.9.32 | R2 | Lymphatic System |
| 1.3.6.1.4.1.19376.1.5.3.1.1.9.33 | R2 | Vessels |
| 1.3.6.1.4.1.19376.1.5.3.1.1.9.34 | R2 | Musculoskeletal System |
| 1.3.6.1.4.1.19376.1.5.3.1.1.9.35 | R2 | Neurologic System |
| 1.3.6.1.4.1.19376.1.5.3.1.1.9.36 | R2 | Genitalia |
| 1.3.6.1.4.1.19376.1.5.3.1.1.9.37 | R2 | Rectum |
| 1.3.6.1.4.1.19376.1.5.3.1.1.16.2.1 | R2 | Extremities |
| 1.3.6.1.4.1.19376.1.5.3.1.1.21.2.10 | R2 | Pelvis |

<component>

<section>

<templateId root='1.3.6.1.4.1.19376.1.5.3.1.1.9.15'/>

<templateId root='1.3.6.1.4.1.19376.1.5.3.1.1.9.15.1'/>

<id root=' ' extension=' '/>

<code code='29545-1' displayName='PHYSICAL EXAMINATION'

codeSystem='2.16.840.1.113883.6.1' codeSystemName='LOINC'/>

<text>

*Text as described above*

</text>

<component>

<section>

<templateId root='1.3.6.1.4.1.19376.1.5.3.1.3.25'/>

<!-- Optional Vital Signs Section content -->

</section>

</component>

</section>

</component>

Figure 6.3.3.4.30-1: Coded Detailed Physical Examination Section

Add Section 6.3.3.4.31

##### 6.3.3.4.31 Pelvis Section 1.3.6.1.4.1.19376.1.5.3.1.1.21.2.10

|  |  |  |
| --- | --- | --- |
| Template ID | 1.3.6.1.4.1.19376.1.5.3.1.1.21.2.10 | |
| General Description | The Pelvis section shall include a narrative description of any type of exam of the reproductive organs. | |
| LOINC Code | Opt | Description |
| 10204-6 | R | PELVIS |
| Entries | Opt | Description |
| 1.3.6.1.4.1.19376.1.5.3.1.4.5 | O | Problem Entry |

<component>

<section>

<templateId root='1.3.6.1.4.1.19376.1.5.3.1.1.21.2.10'/>

<id root=' ' extension=' '/>

<code code='10204-6' displayName='PELVIS'

codeSystem='2.16.840.1.113883.6.1' codeSystemName='LOINC'/>

<text>

*Text as described above*

</text>

<entry>

:

<!-- Optional Problem Entry element -->

<templateId root='1.3.6.1.4.1.19376.1.5.3.1.4.5'/>

:

</entry>

</section>

</component>

Figure 6.3.3.4.31-1: Pelvis Section

Add Section 6.3.3.4.32

##### 6.3.3.4.32 Admission Physical Exam Section 1.3.6.1.4.1.19376.1.5.3.1.1.22.1.1.2.1

|  |  |  |
| --- | --- | --- |
| Template ID | 1.3.6.1.4.1.19376.1.5.3.1.1.22.1.1.2.1 | |
| General Description | The Admission physical exam section shall include a narrative description of the physical exams given during the admission to a hospital or similar type of facility. | |
| LOINC Code | Opt | Description |
| XX-AdmissionPhysicalExam | R | Admission physical exam |

<component>

<section>

<templateId root='1.3.6.1.4.1.19376.1.5.3.1.1.22.1.1.2.1'/>

<id root=' ' extension=' '/>

<code code='XX-AdmissionPhysicalExam' displayName='Admission physical exam'

codeSystem='2.16.840.1.113883.6.1' codeSystemName='LOINC'/>

<text>

*Text as described above*

</text>

</section>

</component>

Figure 6.3.3.4.32-1: Admission Physical Exam Section

Add Section 6.3.3.4.33

##### 6.3.3.4.33 Discharge Status 1.3.6.1.4.1.19376.1.5.3.1.1.21.2.12

|  |  |  |
| --- | --- | --- |
| Template ID | 1.3.6.1.4.1.19376.1.5.3.1.1.21.2.12 | |
| Parent Template |  | |
| General Description | Discharge status should contain a narrative description of the status/condition of the patient at the time of discharge, such as stable, critical, etc. | |
| LOINC Code | Opt | Description |
| 52523-8 | R2 | Discharge Status |

<component>

<section>

<templateId root='1.3.6.1.4.1.19376.1.5.3.1.1.21.2.12'/>

<id root=' ' extension=' '/>

<code code='52323-8' displayName=Discharge status'

codeSystem='2.16.840.1.113883.6.1' codeSystemName='LOINC'/>

<text>

Text as described above

</text>

</component>

Figure 6.3.3.4.33-1: Discharge Status Section

#### 6.3.3.5 Relevant Studies

Add Section 6.3.3.3.5.1

##### 6.3.3.5.1 Results

Add Section 6.3.3.3.5.2

##### 6.3.3.5.2 Coded Results

Add Section 6.3.3.3.5.3

##### 6.3.3.5.3 Hospital Studies Summary

Add Section 6.3.3.3.5.4

##### 6.3.3.5.4 Coded Hospital Studies Summary

Add Section 6.3.3.3.5.5

##### 6.3.3.5.5 Consultations 1.3.6.1.4.1.19376.1.5.3.1.1.13.2.8

|  |  |  |
| --- | --- | --- |
| Template ID | 1.3.6.1.4.1.19376.1.5.3.1.1.13.2.8 | |
| **General Description** | **The ED Consultations section shall contain a narrative description of the consultations obtained during an encounter of care.** | |
| LOINC Code | Opt | Description |
| 18693-2 | R | ED CONSULTANT PRACTITIONER |

<component>

<section>

<templateId root='1.3.6.1.4.1.19376.1.5.3.1.1.13.2.8'/>

<id root=' ' extension=' '/>

<code code='18693-2' displayName='ED CONSULTANT PRACTITIONER'

codeSystem='2.16.840.1.113883.6.1' codeSystemName='LOINC'/>

<text>

*Text as described above*

</text>

</section>

</component>

Figure 6.3.3.5.5-1: Specification for ED Consultations Section

Add Section 6.3.3.5.6

##### 6.3.3.5.6 Antenatal Testing and Surveillance Section 1.3.6.1.4.1.19376.1.5.3.1.1.21.2.5

|  |  |  |
| --- | --- | --- |
| Template ID | 1.3.6.1.4.1.19376.1.5.3.1.1.21.2.5 | |
| Parent Template |  | |
| General Description | The Antenatal Testing and Surveillance section shall contain a narrative description of reports and data from tests and surveillance performed during the pregnancy (e.g., Ultrasound, Biophysical Profile, Non-Stress Test, Contraction Stress Test) | |
| LOINC Code | Opt | Description |
| 57078-8 | R | Antenatal testing and surveillance |

<component>

<section>

<templateId root='1.3.6.1.4.1.19376.1.5.3.1.1.21.2.5'/>

<id root=' ' extension=' '/>

<code code='57078-8' displayName='ANTENATAL TESTING AND SURVEILLANCE'

codeSystem='2.16.840.1.113883.6.1' codeSystemName='LOINC'/>

<text>

Text as described above

</text>

</component>

Figure 6.3.3.5.6-1: Specification for and Surveillance Section

Add Section 6.3.3.5.7

##### 6.3.3.5.7 Coded Antenatal Testing and Surveillance Section 1.3.6.1.4.1.19376.1.5.3.1.1.21.2.5.1

|  |  |  |
| --- | --- | --- |
| Template ID | 1.3.6.1.4.1.19376.1.5.3.1.1.21.2.5.1 | |
| Parent Template | 1.3.6.1.4.1.19376.1.5.3.1.1.21.2.5 | |
| General Description | The Antenatal Testing and Surveillance section shall contain a narrative and coded description of reports and data from tests and surveillance performed during the pregnancy (e.g., Ultrasound, Biophysical Profile, Non-Stress Test, Contraction Stress Test). It shall contain an Antenatal Testing and Surveillance Battery. | |
| LOINC Code | Opt | Description |
| 57078-8 | R | ANTENATAL TESTING AND SURVEILLANCE |
| Entries | Opt | Description |
| 1.3.6.1.4.1.19376.1.5.3.1.1.21.3.10 | R | Antenatal Testing and Surveillance Battery |

<component>

<section>

<templateId root='1.3.6.1.4.1.19376.1.5.3.1.1.21.2.5'/>

<templateId root='1.3.6.1.4.1.19376.1.5.3.1.1.21.2.5.1'/>

<id root=' ' extension=' '/>

<code code='57078-8' displayName='ANTENATAL TESTING AND SURVEILLANCE'

codeSystem='2.16.840.1.113883.6.1' codeSystemName='LOINC'/>

<text>

Text as described above

</text>

<entry>

  :

<!-- Required Antenatal Testing and Surveillance Battery -->

<templateId root='1.3.6.1.4.1.19376.1.5.3.1.1.21.3.10'/>

  :

</entry>

</component>

Figure 6.3.3.5.7-1: Specification for Coded Antenatal Testing and Surveillance Section

Add Section 6.3.3.5.8 (Diagnosis - Removed 2011-09 at the request of QRPH)

##### 6.3.3.5.8 Intentionally blank

Add Section 6.3.3.5.9 (TNM Stage – removed 2011-09 at the request of QRPH)

##### 6.3.3.5.9 Intentionally blank

Add Section 6.3.3.5.10 (Cancer Supporting Documentation - removed 2011-09 at the request of QRPH)

##### 6.3.3.5.10 Intentionally blank

Add Section 6.3.3.5.11. (Added 2011-09 from QRPH EHCP Profile)

##### 6.3.3.5.11 Hearing Screening Coded Results

The Hearing Screening Coded Results section SHALL contain the hearing screening results of pass or refer for the right ear and pass or refer for the left ear, expressed as LOINC® codes as well as the coded methodology to complete the screening. Coded methodology includes (LOINC 54106-0) Automated Auditory Brainstem Response, Auditory Brainstem Response, Otoacoustic Emissions, Transient Otoacoustic Emissions, and Distortion Product Otoacoustic Emissions. If the methodology is unknown, the coded result of unknown method SHALL be used. Where the screening results are not available, the reason the results are not available SHALL be present. This could include unsuccessful, technical fail; not performed, not performed, medical exclusion. The Hearing Screening Coded Results section is required.

|  |  |  |
| --- | --- | --- |
| Template ID | 1.3.6.1.4.1.19376.1.7.3.1.1.15.3.2 | |
| Parent Template | [Coded](#T1_3_6_1_4_1_19376_1_5_3_1_3_1) Results (1.3.6.1.4.1.19376.1.5.3.1.3.28) | |
| General Description | The Hearing Screening Code Results section SHALL include at least one observation entry describing the hearing screening results as described in the Entry Content Module.  Where there are no hearing screening results performed, then the reason SHALL be indicated | |
| LOINC Code | Opt | Description |
| 30954-2 | R | Relevant diagnostic tests/laboratory data |
| Entries | Opt | Description |
| 1.3.6.1.4.1.19376.1.5.3.1.4.19 | R | Procedure Entry |
| 1.3.6.1.4.1.19376.1.5.3.1.4.4 | R2 | References Entry |
| 1.3.6.1.4.1.19376.1.5.3.1.4.13 | R | Simple Observation |

###### 6.3.3.5.11.1 Parent Template

The parent of this template is Coded Results.

<component>

<section>

<templateId root='1.3.6.1.4.1.19376.1.5.3.1.3.28'/>

<id root=' ' extension=' '/>

<code code='30954-2' displayName='Relevant diagnostic tests/laboratory data'

codeSystem='2.16.840.1.113883.6.1' codeSystemName='LOINC'/>

<text>

*Text as described above*

</text>

<entry>

 :

<!-- Required Procedure Entry element -->

<templateId root='1.3.6.1.4.1.19376.1.5.3.1.4.19'/>

 :

</entry>

<entry>

 :

<!-- Required if known References Entry element -->

<templateId root='1.3.6.1.4.1.19376.1.5.3.1.4.4'/>

 :

</entry>

<entry>

 :

<!-- Optional Simple Observation element -->

<templateId root='1.3.6.1.4.1.19376.1.5.3.1.4.13'/>

 :

</entry>

</section>

Figure 6.3.3.5.11-1: Hearing Screening Coded Results Section

Add Section 6.3.3.6

#### 6.3.3.6 Plans of Care

Add Section 6.3.3.6.1

##### 6.3.3.6.1 Care Plan

Add Section 6.3.3.6.2

##### 6.3.3.6.2 Assessment and Plan

Add Section 6.3.3.6.3

##### 6.3.3.6.3 Discharge Disposition

Add Section 6.3.3.6.4

##### 6.3.3.6.4 Discharge Diet

Add Section 6.3.3.6.5

##### 6.3.3.6.5 Advance Directives

Add Section 6.3.3.6.6

##### 6.3.3.6.6 Coded Advance Directives

Add Section 6.3.3.6.7

##### 6.3.3.6.7 Transport Mode

Add Section 6.3.3.6.8

##### 6.3.3.6.8 Procedure Care Plan Status Report Section 1.3.6.1.4.1.19376.1.5.3.1.1.9.45

|  |  |  |
| --- | --- | --- |
| Template ID | 1.3.6.1.4.1.19376.1.5.3.1.1.9.45 | |
| Parent Template | 1.3.6.1.4.1.19376.1.5.3.1.1.9.40 | |
| General Description | The procedure care plan status report section shall contain a description of the progress towards completing expectations for care including actions completed in fulfillment of proposals, goals, and order requests for monitoring, tracking, or improving the condition of the patient prior to the procedure. | |
| LOINC Code | Opt | Description |
| 18776-5 | R | TREATMENT PLAN |

**Sample Procedure Care Plan Status Report Section**

<component>

<section>

<templateId root='1.3.6.1.4.1.19376.1.5.3.1.1.9.40'/>

<templateId root='1.3.6.1.4.1.19376.1.5.3.1.1.9.45'/>

<id root=' ' extension=' '/>

<code code='18776-5' displayName='TREATMENT PLAN'

codeSystem='2.16.840.1.113883.6.1' codeSystemName='LOINC'/>

<text>

Text as described above

</text>

</section>

</component>

Add Section 6.3.3.6.9

##### 6.3.3.6.9 Health Maintenance Care Plan Section 1.3.6.1.4.1.19376.1.5.3.1.1.9.50

|  |  |  |
| --- | --- | --- |
| Template ID | 1.3.6.1.4.1.19376.1.5.3.1.1.9.50 | |
| Parent Template | 1.3.6.1.4.1.19376.1.5.3.1.3.31 | |
| General 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. | |
| LOINC Code | Opt | Description |
| 18776-5 | R | TREATMENT PLAN |

**Sample Health Maintenance Care Plan Section**

<component>

<section>

<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=' '/>

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codeSystem='2.16.840.1.113883.6.1' codeSystemName='LOINC'/>

<text>

Text as described above

</text>

</section>

</component>

Add Section 6.3.3.6.10

##### 6.3.3.6.10 Health Maintenance Care Plan Status Report Section 1.3.6.1.4.1.19376.1.5.3.1.1.9.41

|  |  |  |
| --- | --- | --- |
| Template ID | 1.3.6.1.4.1.19376.1.5.3.1.1.9.41 | |
| Parent Template | 1.3.6.1.4.1.19376.1.5.3.1.1.9.50 | |
| General Description | The health maintenance status report section shall contain a description of the progress towards completing expectations for care including actions completed in fulfillment of proposals, goals, and order requests for monitoring, tracking, or improving the condition of the patient. | |
| LOINC Code | Opt | Description |
| 18776-5 | R | TREATMENT PLAN |

**Sample Health Maintenance Care Plan Status Report Section**

<component>

<section> <templateId root='1.3.6.1.4.1.19376.1.5.3.1.1.9.50'/>

<templateId root='1.3.6.1.4.1.19376.1.5.3.1.1.9.41'/>

<id root=' ' extension=' '/>

<code code='18776-5' displayName='TREATMENT PLAN'

codeSystem='2.16.840.1.113883.6.1' codeSystemName='LOINC'/>

<text>

Text as described above

</text>

</section>

</component>

Add Section 6.3.3.6.11

##### 6.3.3.6.11 Provider Orders Section 1.3.6.1.4.1.19376.1.5.3.1.1.20.2.1

|  |  |  |
| --- | --- | --- |
| Template ID | 1.3.6.1.4.1.19376.1.5.3.1.1.20.2.1 | |
| General Description | The provider orders shall contain a list of all pertinent orders from healthcare providers. | |
| LOINC Code | Opt | Description |
| 46209-3 | R | PROVIDER ORDERS |
| Entries | Opt | Description |
| 1.3.6.1.4.1.19376.1.5.3.1.4.7 | C | [Medications](http://wiki.ihe.net/index.php?title=1.3.6.1.4.1.19376.1.5.3.1.4.7) Medications entries shall appear for all ordered medications when present. These entries shall be in intent mood. |
| 1.3.6.1.4.1.19376.1.5.3.1.4.19 | C | [Procedure](http://wiki.ihe.net/index.php?title=1.3.6.1.4.1.19376.1.5.3.1.4.19) Procedure entries shall appear for all ordered procedures when present. These entries shall be in intent mood. |
| 1.3.6.1.4.1.19376.1.5.3.1.4.14 | O | [Encounter](http://wiki.ihe.net/index.php?title=1.3.6.1.4.1.19376.1.5.3.1.4.14) Encounter entries should appear for all ordered encounters. These entries shall be in promise or appointment request mood. |
| 1.3.6.1.4.1.19376.1.5.3.1.1.20.3.1 | O | [Observation Requests](http://wiki.ihe.net/index.php?title=1.3.6.1.4.1.19376.1.5.3.1.1.20.3.1) Observation request entries should appear for all ordered observations. These entries shall appear in intent mood. |

**Sample Provider Orders Section**

<component>

<section>

<templateId root='1.3.6.1.4.1.19376.1.5.3.1.1.20.2.1'/>

<id root=' ' extension=' '/>

<code code='46209-3' displayName='PROVIDER ORDERS'

codeSystem='2.16.840.1.113883.6.1' codeSystemName='LOINC'/>

<text>

*Text as described above*

</text>

<entry>

 :

<!-- Required if known Medications element -->

<templateId root='[1.3.6.1.4.1.19376.1.5.3.1.4.7](http://wiki.ihe.net/index.php?title=1.3.6.1.4.1.19376.1.5.3.1.4.7)'/>

 :

</entry>

<entry>

 :

<!-- Required if known Procedure element -->

<templateId root='[1.3.6.1.4.1.19376.1.5.3.1.4.19](http://wiki.ihe.net/index.php?title=1.3.6.1.4.1.19376.1.5.3.1.4.19)'/>

 :

</entry>

<entry>

 :

<!-- Optional Encounter element -->

<templateId root='[1.3.6.1.4.1.19376.1.5.3.1.4.14](http://wiki.ihe.net/index.php?title=1.3.6.1.4.1.19376.1.5.3.1.4.14)'/>

 :

</entry>

<entry>

 :

<!-- Optional Observation Requests element -->

<templateId root='[1.3.6.1.4.1.19376.1.5.3.1.1.20.3.1](http://wiki.ihe.net/index.php?title=1.3.6.1.4.1.19376.1.5.3.1.1.20.3.1)'/>

 :

</entry>

</section>

</component>

Add Section 6.3.3.6.12

##### 6.3.3.6.12 Birth Plan Section 1.3.6.1.4.1.19376.1.5.3.1.1.21.2.1

|  |  |  |
| --- | --- | --- |
| Template ID | 1.3.6.1.4.1.19376.1.5.3.1.1.21.2.1 | |
| Parent Template |  | |
| General Description | The Birth Plan section shall contain a narrative description of the patient’s requests and expectations with respect to care she is expecting during the labor and delivery process. | |
| LOINC Code | Opt | Description |
| 57079-6 | R | Birth plan |

<component>

<section>

<templateId root='1.3.6.1.4.1.19376.1.5.3.1.1.21.2.1'/>

<id root=' ' extension=' '/>

<code code='57079-6' displayName='Birth plan'

codeSystem='2.16.840.1.113883.6.1' codeSystemName='LOINC'/>

<text>

Text as described above

</text>

</component>

Figure 6.3.3.6.12-1: Specification for Birth Plan Section

Add Section 6.3.3.6.13

##### 6.3.3.6.13 Immunization Recommendations 1.3.6.1.4.1.19376.1.5.3.1.1.18.3.1

Add Section 6.3.3.6.14

##### 6.3.3.6.14 Patient Education Section 1.3.6.1.4.1.19376.1.5.3.1.1.9.38

|  |  |  |
| --- | --- | --- |
| Template Id | 1.3.6.1.4.1.19376.1.5.3.1.1.9.38 | |
| General Description | The patient education section shall contain a description of the patient education the patient received as well as the results of the education. | |
| LOINC Code | Opt | Description |
| 34895-3 | R | EDUCATION NOTE |
| Entries | Opt | Description |
| 1.3.6.1.4.1.19376.1.5.3.1.4.12.2 | R | Immunization Recommendation Entry At least one Immunization Plan Entry shall be present in Proposal mood to indicate what the proposed care is for the patient. Other Immunization Plan entries may appear in intent mood to indicate the current plan. |

<component>

<section>

<templateId root='1.3.6.1.4.1.19376.1.5.3.1.1.9.38'/>

<id root=' ' extension=' '/>

<code code='34895-3' displayName='EDUCATION NOTE'

codeSystem='2.16.840.1.113883.6.1' codeSystemName='LOINC'/>

<text>

Text as described above

</text>

</section>

</component>

Figure 6.3.3.6.14-1: Specification for Patient Education and Consents Section

Add Section 6.3.3.6.15

##### 6.3.3.6.15 Coded Care Plan Section 1.3.6.1.4.1.19376.1.5.3.1.3.36

|  |  |  |
| --- | --- | --- |
| Template ID | 1.3.6.1.4.1.19376.1.5.3.1.3.31 | |
| Parent Template | 2.16.840.1.113883.10.20.1.10 | |
| General Description | The care plan section shall contain a narrative description of the expectations for care including proposals, goals, and order requests for monitoring, tracking, or improving the condition of the patient. | |
| LOINC Code | Opt | Description |
| 18776-5 | R | TREATMENT PLAN |
| Entries | Opt | Description |
| 1.3.6.1.4.1.19376.1.5.3.1.1.20.3.1 | O | Observation Requests The care plan may include observation requests in intent, goal or proposal mood to identify intended observations that are part of the care plan, goals of the plan, or proposed observations (e.g., from clinical decision support). |
| 1.3.6.1.4.1.19376.1.5.3.1.4.7 | O | Medication The care plan may include medication entries to identify those medications that are or are proposed to be part of the care plan. |
| 1.3.6.1.4.1.19376.1.5.3.1.4.12 | O | Immunization The care plan may include immunization entries to identify those immunizations that are or are proposed to be part of the care plan. |
| 1.3.6.1.4.1.19376.1.5.3.1.4.19 | O | Procedure The care plan may include procedure entries to identify those procedures that are or are proposed to be part of the care plan. |
| 1.3.6.1.4.1.19376.1.5.3.1.4.14 | O | Encounter The care plan may include encounter entries in to identify those encounters that are or are proposed to be part of the care plan. |

<component>

<section>

<templateId root='2.16.840.1.113883.10.20.1.10'/>

<templateId root='1.3.6.1.4.1.19376.1.5.3.1.3.36'/>

<id root=' ' extension=' '/>

<code code='18776-5' displayName='TREATMENT PLAN'

codeSystem='2.16.840.1.113883.6.1' codeSystemName='LOINC'/>

<text>

Text as described above

</text>

<entry>

:

<!-- Optional Observation Requests element -->

<templateId root='1.3.6.1.4.1.19376.1.5.3.1.1.20.3.1'/>

:

</entry>

<entry>

:

<!-- Optional Medication element -->

<templateId root='1.3.6.1.4.1.19376.1.5.3.1.4.7'/>

:

</entry>

<entry>

:

<!-- Optional Immunization element -->

<templateId root='1.3.6.1.4.1.19376.1.5.3.1.4.12'/>

:

</entry>

<entry>

:

<!-- Optional Procedure element -->

<templateId root='1.3.6.1.4.1.19376.1.5.3.1.4.19'/>

:

</entry>

<entry>

:

<!-- Optional Encounter element -->

<templateId root='1.3.6.1.4.1.19376.1.5.3.1.4.14'/>

:

</entry>

</section>

</component>

Figure 6.3.3.6.15-1: Specification for Care Plan Section

##### 6.3.3.6.16 Diet and Nutrition Section 1.3.6.1.4.1.19376.1.5.3.1.1.20.2.2

|  |  |  |
| --- | --- | --- |
| Template ID | 1.3.6.1.4.1.19376.1.5.3.1.1.20.2.2 | |
| General Description | This shall contain a narrative description of the diet restrictions necessary due to disease. | |
| LOINC Code | Opt | Description |
| XX-DietAndNutrition | R | Diet and nutrition |

<component>

<section>

<templateId root='1.3.6.1.4.1.19376.1.5.3.1.1.20.2.2'/>

<id root=' ' extension=' '/>

<code code='XXDiet-Restrictions' displayName='Diet and nutrition'

codeSystem='2.16.840.1.113883.6.1' codeSystemName='LOINC'/>

<text>

*Text as described above*

</text>

</section>

</component>

Figure 6.3.3.6.16-1: Specification for Diet Restrictions Section

##### 6.3.3.6.17 Intake and Output Section 1.3.6.1.4.1.19376.1.5.3.1.1.20.2.3

|  |  |  |
| --- | --- | --- |
| Template ID | 1.3.6.1.4.1.19376.1.5.3.1.1.20.2.3 | |
| General Description | This section shall contain a narrative description of specific fluid inputs or fluid outputs for the patient. | |
| LOINC Code | Opt | Description |
| XX-IntakeAndOutput | R | Intake and output |

<component>

<section>

<templateId root='1.3.6.1.4.1.19376.1.5.3.1.1.20.2.3'/>

<id root=' ' extension=' '/>

<code code='XX-FluidManagement' displayName='Intake and output'

codeSystem='2.16.840.1.113883.6.1' codeSystemName='LOINC'/>

<text>

*Text as described above*

</text>

</section>

</component>

Figure 6.3.3.6.17-1: Specification for Fluid Management Section

Add Section 6.3.3.6.18 (Cancer Course of Treatment – removed 2011-09 at the request of QRPH)

##### 6.3.3.6.18 Intentionally blank

Add Section 6.3.3.6.19 (Cancer Treatment Plan – removed 2011-09 at the request of QRPH)

##### 6.3.3.6.19 Intentionally blank

Add section 6.3.3.6.20

##### 6.3.3.6.20 Procedure Care Plan Section 1.3.6.1.4.1.19376.1.5.3.1.1.9.40

|  |  |  |
| --- | --- | --- |
| Template ID | 1.3.6.1.4.1.19376.1.5.3.1.1.9.40 | |
| Parent Template | 1.3.6.1.4.1.19376.1.5.3.1.3.31 (1.3.6.1.4.1.19376.1.5.3.1.3.31) | |
| General Description | The procedure 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 prior, during and after a procedure with goals of educating the patient, reducing the modifiable risks of the procedure and anesthesia and otherwise optimizing the outcomes. The care plan will often be updated immediately following the addition of new impressions during the course of pre-procedure evaluation. | |
| LOINC Code | Opt | Description |
| 18776-5 | R | TREATMENT PLAN |
| Entries | Opt | Description |
| 1.3.6.1.4.1.19376.1.5.3.1.1.20.3.1 | O | Observation Requests The care plan may include observation requests in intent, goal or proposal mood to identify intended observations that are part of the care plan, goals of the plan, or proposed observations (e.g., from clinical decision support). |
| 1.3.6.1.4.1.19376.1.5.3.1.4.7 | O | Medication The care plan may include medication entries to identify those medications that are or are proposed to be part of the care plan. |
| 1.3.6.1.4.1.19376.1.5.3.1.4.12 | O | Immunization The care plan may include immunization entries to identify those immunizations that are or are proposed to be part of the care plan. |
| 1.3.6.1.4.1.19376.1.5.3.1.4.19 | O | Procedure The care plan may include procedure entries to identify those procedures that are or are proposed to be part of the care plan. |
| 1.3.6.1.4.1.19376.1.5.3.1.4.14 | O | Encounter The care plan may include encounter entries in to identify those encounters that are or are proposed to be part of the care plan. |

<component>

<section>

<templateId root='1.3.6.1.4.1.19376.1.5.3.1.3.31'/>

<templateId root='1.3.6.1.4.1.19376.1.5.3.1.1.9.40'/>

<id root=' ' extension=' '/>

<code code='18776-5' displayName='TREATMENT PLAN'

codeSystem='2.16.840.1.113883.6.1' codeSystemName='LOINC'/>

<text>

Text as described above

</text>

</section>

</component>

Figure 6.3.3.6.20-1: Sample Care Plan Section

Add section 6.3.3.6.21 (Added 2011-06 from the PCC Transport Record Summary Profiles supplement)

##### 6.3.3.6.21 Protocols Used Section 1.3.6.1.4.1.19376.1.5.3.1.1.25.2.5

|  |  |  |
| --- | --- | --- |
| Template ID | 1.3.6.1.4.1.19376.1.5.3.1.1.25.2.5 | |
| General Description | The Protocols Used section describes the protocol used by EMS personnel to direct the clinical care of the patient. | |
| LOINC Code | Opt | Description |
| 52019-7 | R | DESCRIPTION OF SERVICES PERFORMED TO SUPPORT LEVEL OF SERVICE |

<component>

<section>

<templateId root='1.3.6.1.4.1.19376.1.5.3.1.1.25.2.5'/>

<id root=' ' extension=' '/>

<code code='52019-7' displayName='DESCRIPTION OF SERVICES PERFORMED TO SUPPORT LEVEL OF SERVICE'

codeSystem='2.16.840.1.113883.6.1' codeSystemName='LOINC'/>

<text>

*Text as described above*

</text>

</section>

</component>

Figure 6.3.3.6.21-1: Sample Protocols Used Section

Add section 6.3.3.6.22 (Added 2011-06 from the PCC Transport Record Summary Profiles supplement)

Modified by CP PCC 0205

##### 6.3.3.6.22 Invasive Airway Section 1.3.6.1.4.1.19376.1.5.3.1.1.25.2.7

|  |  |  |
| --- | --- | --- |
| Template ID | 1.3.6.1.4.1.19376.1.5.3.1.1.25.2.7 | |
| General Description | The Invasive Airway section describes if, and what type, of advanced airway used.  The Invasive Airway section is derived from DEEDS LL1832-6 NEMSIS\_45\_protocol used / Airway/Airway-failed/Airway-obstruction/foreign body/Airway-paralytic (RSI), Airway-Rapid Sequence Induction (RSI-Paralytic)/Airway-sedation assisted (nonparalytic)/Cardiac arrest- asystole, etc. PROTOCOLS USED | |
| LOINC Code | Opt | Description |
| 67537-1 | R | PROTOCOLS USED NEMSIS |

<component>

<section>

<templateId root='1.3.6.1.4.1.19376.1.5.3.1.1.25.2.7'/>

<id root=' ' extension=' '/>

<code code='67537-1' displayName='PROTOCOLS USED NEMSIS

codeSystem='2.16.840.1.113883.6.1' codeSystemName=LOINC/>

<text>

*Text as described above*

</text>

</section>

</component>

Figure 6.3.3.6.22-1: Sample Invasive Airway Section

Add section 6.3.3.6.23 (Added 2011-06 from the PCC Transport Record Summary Profiles supplement)

##### 6.3.3.6.23 Ventilator Usage Section 1.3.6.1.4.1.19376.1.5.3.1.1.25.2.11

|  |  |  |
| --- | --- | --- |
| Template ID | 1.3.6.1.4.1.19376.1.5.3.1.1.25.2.11 | |
| General Description | The Ventilator Usage section describes | |
| LOINC Code | Opt | Description |
| 20124-4 | R | VENTILATION MODE |

<component>

<section>

<templateId root='1.3.6.1.4.1.19376.1.5.3.1.1.25.2.11'/>

<id root=' ' extension=' '/>

<code code='2012404' displayName='VENTILATION MODE'

codeSystem='2.16.840.1.113883.6.1' codeSystemName='LOINC'/>

<text>

*Text as described above*

</text>

</section>

</component>

Figure 6.3.3.6.23-1: Sample Ventilator Usage Section

Add Section 6.3.3.7

#### 6.3.3.7 Administrative and Other Information

Add Section 6.3.3.7.1

##### 6.3.3.7.1 Payers

Add Section 6.3.3.7.2

##### 6.3.3.7.2 Referral Source

Add Section 6.3.3.7.3

##### 6.3.3.7.3 Transport Mode

Add Section 6.3.3.7.4

##### 6.3.3.7.4 ED Disposition

Add Section 6.3.3.7.5 (Cancer Payers – Removed 2011-09 at the request of QRPH)

##### 6.3.3.7.5 Intentionally blank

Add Section 6.3.3.7.6 (Added 2011-06 from the PCC Transport Record Summary Profiles supplement)

##### 6.3.3.7.6 Sending Facility Section 1.3.6.1.4.1.19376.1.5.3.1.1.25.2.1

|  |  |  |
| --- | --- | --- |
| Template ID | 1.3.6.1.4.1.19376.1.5.3.1.1.25.2.1 | |
| General Description | The Sending Facility section contains the name and address of the healthcare facility that is sending the patient for transport. | |
| LOINC Code | Opt | Description |
| 52023-9 | R | ORIGINATION SITE NAME AND ADDRESS |

<component>

<section>

<templateId root='1.3.6.1.4.1.19376.1.5.3.1.1.25.2.1'/>

<id root=' ' extension=' '/>

<code code='52023-9' displayName='ORIGINATION SITE NAME AND ADDRESS'

codeSystem='2.16.840.1.113883.6.1' codeSystemName='LOINC'/>

<text>

*Text as described above*

</text>

</section>

</component>

Figure 6.3.3.7.6-1: Sample Sending Facility Section

Add Section 6.3.3.7.7 (Added 2011-06 from the PCC Transport Record Summary Profiles supplement)

##### 6.3.3.7.7 Receiving Facility Section 1.3.6.1.4.1.19376.1.5.3.1.1.25.2.2

|  |  |  |
| --- | --- | --- |
| Template ID | 1.3.6.1.4.1.19376.1.5.3.1.1.25.2.2 | |
| General Description | The Receiving Facility section contains the name and address of the healthcare facility that is receiving the transported patient. | |
| LOINC Code | Opt | Description |
| 52026-2 | R | DESTINATION SITE NAME & ADDRESS |

<component>

<section>

<templateId root='1.3.6.1.4.1.19376.1.5.3.1.1.25.2.2'/>

<id root=' ' extension=' '/>

<code code='52026-2' displayName='DESTINATION SITE NAME & ADDRESS'

codeSystem='2.16.840.1.113883.6.1' codeSystemName='LOINC'/>

<text>

*Text as described above*

</text>

</section>

</component>

Figure 6.3.3.7.7-1: Sample Receiving Facility Section

Add Section 6.3.3.7.8 (Added 2011-06 from the PCC Transport Record Summary Profiles supplement)

Modified by CP PCC 0205

##### 6.3.3.7.8 Mass Casualty Incident Section 1.3.6.1.4.1.19376.1.5.3.1.1.25.2.3

|  |  |  |
| --- | --- | --- |
| Template ID | 1.3.6.1.4.1.19376.1.5.3.1.1.25.2.3 | |
| General Description | The Mass Casualty Incident Section indicates if this event would be considered a mass casualty incident overwhelming existing EMS and ED resources. | |
| LOINC Code | Opt | Description |
| 67490-3 | R2 | Mass casualty incident NEMSIS |

<component>

<section>

<templateId root='1.3.6.1.4.1.19376.1.5.3.1.1.25.2.3'/>

<id root=' ' extension=' '/>

<code code='67490-3displayName=' Mass casualty incident NEMSIS '

codeSystem='2.16.840.1.113883.6.1' codeSystemName='LOINC'/>

<text>

*Text as described above*

</text>

</section>

</component>

Figure 6.3.3.7.8-1: Sample Mass Casualty Incident Section

Add Section 6.3.3.7.9 (Added 2011-06 from the PCC Transport Record Summary Profiles supplement)

##### 6.3.3.7.9 Unit Response Level Section 1.3.6.1.4.1.19376.1.5.3.1.1.25.2.4

|  |  |  |
| --- | --- | --- |
| Template ID | 1.3.6.1.4.1.19376.1.5.3.1.1.25.2.4 | |
| General Description | The Unit Response Level section describes the level of service provided for this transport. | |
| LOINC Code | Opt | Description |
| 51995-9 | R | RATIONALE FOR TYPE OF TRANSPORT |

<component>

<section>

<templateId root='1.3.6.1.4.1.19376.1.5.3.1.1.25.2.4'/>

<id root=' ' extension=' '/>

<code code='51995-9' displayName='RATIONALE FOR TYPE OF TRANSPORT'

codeSystem='2.16.840.1.113883.6.1' codeSystemName='LOINC'/>

<text>

*Text as described above*

</text>

</section>

</component>

Figure 6.3.3.7.9-1: Sample Unit Response Level Section

Add Section 6.3.3.7.10 (Added 2011-06 from the PCC Transport Record Summary Profiles supplement)

##### 6.3.3.7.10 Extra Attendants Information Section 1.3.6.1.4.1.19376.1.5.3.1.1.25.2.6

|  |  |  |
| --- | --- | --- |
| Template ID | 1.3.6.1.4.1.19376.1.5.3.1.1.25.2.6 | |
| General Description | The Protocols Used section describes the protocol used by EMS personnel to direct the clinical care of the patient. | |
| LOINC Code | Opt | Description |
| 52074-2 | R2 | EXTRA ATTENDANTS INFORMATION |

<component>

<section>

<templateId root='1.3.6.1.4.1.19376.1.5.3.1.1.25.2.6'/>

<id root=' ' extension=' '/>

<code code='52074-2' displayName='EXTRA ATTENDANTS INFORMATION'

codeSystem='2.16.840.1.113883.6.1' codeSystemName='LOINC'/>

<text>

*Text as described above*

</text>

</section>

</component>

Figure 6.3.3.7.10-1: Sample Extra Attendants Information Section

Add Section 6.3.3.7.11 (Added 2011-06 from the PCC Transport Record Summary Profiles supplement)

Modified by CP PCC 0205

##### 6.3.3.7.11 Provider Level Section 1.3.6.1.4.1.19376.1.5.3.1.1.25.2.9

|  |  |  |
| --- | --- | --- |
| Template ID | 1.3.6.1.4.1.19376.1.5.3.1.1.25.2.9 | |
| General Description | The Provider Level section describes the certification or licensure level of the healthcare provider. | |
| LOINC Code | Opt | Description |
| 71580-5 | R | Crew member level NEMSIS |

<component>

<section>

<templateId root='1.3.6.1.4.1.19376.1.5.3.1.1.25.2.9'/>

<id root=' ' extension=' '/>

<code code='71580-5' displayName=' Crew member level NEMSIS '

codeSystem='2.16.840.1.113883.6.1' codeSystemName='LOINC'/>

<text>

*Text as described above*

</text>

</section>

</component>

Figure 6.3.3.7.11-1: Sample Provider Level Section

Add Section 6.3.3.8

#### 6.3.3.8 Interventions

This section contains section content modules that describe interventions, procedures, therapeutic treatments, et cetera, performed on the patient.

Add Section 6.3.3.8.3

##### 6.3.3.8.3 Procedures and Interventions Section 1.3.6.1.4.1.19376.1.5.3.1.1.13.2.11

|  |  |  |
| --- | --- | --- |
| Template ID | 1.3.6.1.4.1.19376.1.5.3.1.1.13.2.11 | |
| General Description | The Procedures and Interventions section shall contain a narrative description of the actions performed by a clinician. | |
| LOINC Code | Opt | Description |
| 29554-3 | R | PROCEDURE |
| Entries | Opt | Description |
| 1.3.6.1.4.1.19376.1.5.3.1.4.19 | R | Procedure This entry provides coded values for procedures performed during the encounter. |

<component>

<section>

<templateId root='1.3.6.1.4.1.19376.1.5.3.1.1.13.2.11'/>

<id root=' ' extension=' '/>

<code code='~~X-PROC~~ 29554-3' displayName='PROCEDURES ~~PERFORMED~~'

codeSystem='2.16.840.1.113883.6.1' codeSystemName='LOINC'/>

<text>

*Text as described above*

</text>

<entry>

:

<!-- Required Procedure element -->

<templateId root='[1.3.6.1.4.1.19376.1.5.3.1.4.19](#_1.3.6.1.4.1.19376.1.5.3.1.4.19.htm)'/>

:

</entry>

</section>

</component>

Figure 6.3.3.8.3-1: Specification for Procedures and Interventions Section

Add Section 6.3.3.8.4 (Added 2011-06 from the PCC Transport Record Summary Profiles supplement)

##### 6.3.3.8.4 Intravenous Fluids Administered Section 1.3.6.1.4.1.19376.1.5.3.1.1.13.2.6

|  |  |  |
| --- | --- | --- |
| Template ID | 1.3.6.1.4.1.19376.1.5.3.1.1.13.2.6 | |
| General Description | The intravenous fluids administered section shall contain a narrative description of fluids administered to a patient during the course of an encounter. It may include entries for IV fluid administration as described in the Entry Content Module. | |
| LOINC Code | Opt | Description |
| 57072-1 | R | Intravenous fluids administered |
| Entries | Opt | Description |
| 1.3.6.1.4.1.19376.1.5.3.1.1.13.3.2 | R | [Intravenous Fluids](#_1.3.6.1.4.1.19376.1.5.3.1.1.13.3.2.htm) |

<component>

<section>

<templateId root='1.3.6.1.4.1.19376.1.5.3.1.1.13.2.6'/>

<id root=' ' extension=' '/>

<code code='57072-1' displayName='Intravenous fluids administered'

codeSystem='2.16.840.1.113883.6.1' codeSystemName='LOINC'/>

<text>

*Text as described above*

</text>

<entry>

:

<!-- Required Intravenous Fluids element -->

<templateId root='[1.3.6.1.4.1.19376.1.5.3.1.1.13.3.2](#_1.3.6.1.4.1.19376.1.5.3.1.1.13.3.2.htm)'/>

:

</entry>

</section>

</component>

Figure 6.3.3.8.4-1: Specification for Intravenous Fluids Administered Section

Add Section 6.3.3.9

#### 6.3.3.9 Impressions

This section contains section content modules that describe assessments, impressions, diagnoses, or other reporting of clinical opinions or judgment.

Add Section 6.3.3.9.1

##### 6.3.3.9.1 Pre-procedure Impressions Section 1.3.6.1.4.1.19376.1.5.3.1.1.9.42 (Deprecated)

Add Section 6.3.3.9.2

##### 6.3.3.9.2 Pre-procedure Risk Assessment Section 1.3.6.1.4.1.19376.1.5.3.1.1.9.44

|  |  |  |
| --- | --- | --- |
| Template ID | 1.3.6.1.4.1.19376.1.5.3.1.1.9.44 | |
| General Description | The pre-procedure risk section shall contain a description of the risks the patient faces because of the planned procedure and associated anesthesia, especially in the context of modifiable risks identified by patient findings. It shall include entries for patient risks as described in the Entry Content Module. | |
| LOINC Code | Opt | Description |
| 11450-4 | R | PROBLEM LIST |
| Entries | Opt | Description |
| 1.3.6.1.4.1.19376.1.5.3.1.4.5 | R | Problem Entry |

The parent of this template is 1.3.6.1.4.1.19376.1.5.3.1.3.6

<component>

<section>

<templateId root='1.3.6.1.4.1.19376.1.5.3.1.3.6'/>

<templateId root='1.3.6.1.4.1.19376.1.5.3.1.1.9.44'/>

<id root=' ' extension=' '/>

<code code='11450-4' displayName='PROBLEM LIST'

codeSystem='2.16.840.1.113883.6.1' codeSystemName='LOINC'/>

<text>

Text as described above

</text>

<entry>

:

<!-- Required Problem Entry element -->

<templateId root='1.3.6.1.4.1.19376.1.5.3.1.4.5'/>

:

</entry>

</section>

</component>

Figure 6.3.3.9.2-1: Specification for Pre-procedure Risk Assessment Section

Add Section 6.3.3.9.3

##### 6.3.3.9.3 Antepartum Visit Summary Flowsheet Section 1.3.6.1.4.1.19376.1.5.3.1.1.11.2.2.2

|  |  |  |
| --- | --- | --- |
| Template ID | 1.3.6.1.4.1.19376.1.5.3.1.1.11.2.2.2 | |
| General Description | This section is a running history of the most important elements noted for a pregnant woman. | |
| LOINC Code | Opt | Description |
| 57059-8 | R | Pregnancy visit summary |
| Entries | Opt | Description |
| 1.3.6.1.4.1.19376.1.5.3.1.4.13 | R | [Simple Observation](#_1.3.6.1.4.1.19376.1.5.3.1.4.13.htm) The flowsheet contains one simple observation to represent the Prepregnancy Weight. This observation SHALL be valued with the LOINC code 8348-5, BODY WEIGHT^PRE PREGNANCY-MASS-PT-QN-MEASURED. The value SHALL be of type PQ. The units may be either "lb\_av" or "kg". |
| 1.3.6.1.4.1.19376.1.5.3.1.1.11.2.3.2 | R | [Antepartum Flowsheet Panel](#_1.3.6.1.4.1.19376.1.5.3.1.1.11.2.3.2.htm) Other entries on the flowsheet are "batteries" which represent a single visit. |

<component>

<section>

<templateId root='1.3.6.1.4.1.19376.1.5.3.1.1.11.2.2.2'/>

<id root=' ' extension=' '/>

<code code='57059-8' displayName='Pregnancy visit summary'

codeSystem='2.16.840.1.113883.6.1' codeSystemName='LOINC'/>

<text>

Text as described above

</text>

<entry>

 :

<!-- Required Simple Observation element -->

<templateId root='[1.3.6.1.4.1.19376.1.5.3.1.4.13](#_1.3.6.1.4.1.19376.1.5.3.1.4.13.htm)'/>

 :

</entry>

<entry>

 :

<!-- Required Antepartum Flowsheet Panel element -->

<templateId root='[1.3.6.1.4.1.19376.1.5.3.1.1.11.2.3.2](#_1.3.6.1.4.1.19376.1.5.3.1.1.11.2.3.2.htm)'/>

 :

</entry>

</section>

</component>

Figure 6.3.3.9.3-1: Specification for Antepartum Visit Summary Flowsheet Section

Add Section 6.3.3.9.4

##### 6.3.3.9.4 Progress Note Section 1.3.6.1.4.1.19376.1.5.3.1.1.13.2.7

|  |  |  |
| --- | --- | --- |
| Template ID | 1.3.6.1.4.1.19376.1.5.3.1.1.13.2.7 | |
| General Description | The Progress Note section shall contain a narrative description of the sequence of events from initial assessment to discharge for an encounter. | |
| LOINC Code | Opt | Description |
| 18733-6 | R | SUBSEQUENT EVALUATION NOTE (ATTENDING PHYSICIAN) |

<component>

<section>

<templateId root='1.3.6.1.4.1.19376.1.5.3.1.1.13.2.7'/>

<id root=' ' extension=' '/>

<code code='18733-6' displayName='SUBSEQUENT EVALUATION NOTE (ATTENDING PHYSICIAN)'

codeSystem='2.16.840.1.113883.6.1' codeSystemName='LOINC'/>

<text>

*Text as described above*

</text>

</section>

</component>

Figure 6.3.3.9.4-1: Specification for Progress Note Section

Add Section 6.3.3.9.5

##### 6.3.3.9.5 ED Diagnosis Section 1.3.6.1.4.1.19376.1.5.3.1.1.13.2.9

|  |  |  |
| --- | --- | --- |
| Template ID | 1.3.6.1.4.1.19376.1.5.3.1.1.13.2.9 | |
| General Description | The ED diagnosis section shall contain a narrative description of the conditions that were diagnosed or addressed during the ED course, as well as those active conditions that modify the complexity of the patient encounter. It should include entries for patient conditions as described in the Entry Content Module. | |
| LOINC Code | Opt | Description |
| 11301-9 | R | ED DIAGNOSIS |
| Entries | Opt | Description |
| 1.3.6.1.4.1.19376.1.5.3.1.4.5 | R | [Problem Entry](#_1.3.6.1.4.1.19376.1.5.3.1.4.5.htm) |

<component>

<section>

<templateId root='1.3.6.1.4.1.19376.1.5.3.1.1.13.2.9'/>

<id root=' ' extension=' '/>

<code code='11301-9' displayName='ED DIAGNOSIS'

codeSystem='2.16.840.1.113883.6.1' codeSystemName='LOINC'/>

<text>

*Text as described above*

</text>

<entry>

:

<!-- Required Problem Entry element -->

<templateId root='[1.3.6.1.4.1.19376.1.5.3.1.4.5](#_1.3.6.1.4.1.19376.1.5.3.1.4.5.htm)'/>

:

</entry>

</section>

</component>

Figure 6.3.3.9.5-1: Specification for ED Diagnosis Section

Add Section 6.3.3.9.6

##### 6.3.3.9.6 Acuity Assessment Section 1.3.6.1.4.1.19376.1.5.3.1.1.13.2.2

|  |  |  |
| --- | --- | --- |
| Template ID | 1.3.6.1.4.1.19376.1.5.3.1.1.13.2.2 | |
| General Description | The Acuity Assessment section contains a description of the acuity of the patient upon presentation to the Emergency department. | |
| LOINC Code | Opt | Description |
| 11283-9 | R | ACUITY ASSESSMENT |
| Entries | Opt | Description |
| 1.3.6.1.4.1.19376.1.5.3.1.1.13.3.1 | R | [Acuity](#_1.3.6.1.4.1.19376.1.5.3.1.1.13.3.1.htm) This entry provides coded values giving the triage acuity. |

<component>

<section>

<templateId root='1.3.6.1.4.1.19376.1.5.3.1.1.13.2.2'/>

<id root=' ' extension=' '/>

<code code='11283-9' displayName='ACUITY ASSESSMENT'

codeSystem='2.16.840.1.113883.6.1' codeSystemName='LOINC'/>

<text>

*Text as described above*

</text>

<entry>

:

<!-- Required Acuity element -->

<templateId root='[1.3.6.1.4.1.19376.1.5.3.1.1.13.3.1](#_1.3.6.1.4.1.19376.1.5.3.1.1.13.3.1.htm)'/>

:

</entry>

</section>

</component>

Figure 6.3.3.9.6-1: Specification for Acuity Assessment Section

Add Section 6.3.3.9.7

##### 6.3.3.9.7 Assessments Section 1.3.6.1.4.1.19376.1.5.3.1.1.13.2.4

|  |  |  |
| --- | --- | --- |
| Template ID | 1.3.6.1.4.1.19376.1.5.3.1.1.13.2.4 | |
| General Description | The assessments section contains narrative assessments of the patient status. | |
| LOINC Code | Opt | Description |
| 51848-0 | R | ASSESSMENT |
| Entries | Opt | Description |
| 1.3.6.1.4.1.19376.1.5.3.1.1.13.3.4 | O | [Nursing Assessments Battery](#_1.3.6.1.4.1.19376.1.5.3.1.1.13.3.4.htm) |

<component>

<section>

<templateId root='1.3.6.1.4.1.19376.1.5.3.1.1.13.2.4'/>

<id root=' ' extension=' '/>

<code code='51848-0' displayName='ASSESSMENT'

codeSystem='2.16.840.1.113883.6.1' codeSystemName='LOINC'/>

<text>

*Text as described above*

</text>

<entry>

:

<!-- Optional Nursing Assessments Battery element -->

<templateId root='[1.3.6.1.4.1.19376.1.5.3.1.1.13.3.4](#_1.3.6.1.4.1.19376.1.5.3.1.1.13.3.4.htm)'/>

:

</entry>

</section>

</component>

Figure 6.3.3.9.7-1: Specification for Assessments Section

Add section 6.3.3.10

#### 6.3.3.10 Section Content Modules-Non-categorized

**Please note:** As of 2013, section content modules are no longer being categorized into one of the nine existing categories (6.3.3.1 through 6.3.3.9). Instead, going forward, all section content modules will be placed under the 6.3.3.10 heading.

Add section 6.3.3.10.1. Added 2013-09 from QRPH VRDR supplement.

##### 6.3.3.10.1 VRDR Death Report Section- Section Content Module (1.3.6.1.4.1.19376.1.7.3.1.3.23.2)

The sections and clinical statements which have additional implementation guidance further constrained are listed here showing their new IHE template ID.

Table 6.3.3.10.1-1: VRDR Death Report Section

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Template Name | | VRDR Death Report Section | | | |
| Template ID | | 1.3.6.1.4.1.19376.1.7.3.1.3.23.2 | | | |
| Parent Template | | Death Report Document Body (2.16.840.1.113883.10.20.24.1.2) | | | |
| General Description | | The VRDR Death Report section shall contain a coded entries describing the decedent’s death | | | |
| Section Code | | 64297-5, LOINC, “Death Certificate” | | | |
| Opt and Card | Condition | Data Element or  Section Name | Template ID | Specification Document | Vocabulary  Constraint |
| Entries | | | | | |
| R[0..1] |  | Time of Death | 2.16.840.1.113883.10.20.24.1.3 | HL7 VRDR CDA CH4 |  |
| R[1..1] |  | Location of Death | 2.16.840.1.113883.10.20.24.1.4 | HL7 VRDR CDA CH4 |  |
| O[0..1] | QRPH 3:6.3.3.10.S1.3 | Death Certification | 2.16.840.1.113883.10.20.24.1.5 | HL7 VRDR CDA CH4 |  |
| R[1..1] |  | Manner of Death | 2.16.840.1.113883.10.20.24.1.7 | HL7 VRDR CDA CH4 |  |
| C[0..1] | QRPH 3: 6.3.3.10.S1.1 | Pregnancy Status | 2.16.840.1.113883.10.20.24.1.8 | HL7 VRDR CDA CH4 |  |
| R2[0..1] |  | Tobacco Use | 2.16.840.1.113883.10.20.24.1.9 | HL7 VRDR CDA CH4 |  |
| R2[0..1] |  | Injury | 2.16.840.1.113883.10.20.24.1.10 | HL7 VRDR CDA CH4 |  |
| R[1..1] | QRPH 3: 6.3.3.10.S1.4 | Death Causal Information | 2.16.840.1.113883.10.20.24.1.6 | HL7 VRDR CDA CH4 |  |
| R[1..1] |  | Autopsy Performance | 2.16.840.1.113883.10.20.24.1.11 | HL7 VRDR CDA CH4 |  |
| C[0..1] | QRPH 3: 6.3.3.10.S1.2 | Autopsy Results | 2.16.840.1.113883.10.20.24.1.13 | HL7 VRDR CDA CH4 |  |
| O[0..1] |  | Coroner Referral | 2.16.840.1.113883.10.20.24.1.14 | HL7 VRDR CDA CH4 |  |
| R[1..1] |  | Coroner Case Transfer | 2.16.840.1.113883.10.20.24.1.12 | HL7 VRDR CDA CH4 |  |
| R[1..1] |  | Death Location Type | 1.3.6.1.4.1.19376.1.7.3.1.4.23.2 | QRPH 3: 6.3.4.E2 |  |
| R[1..1] |  | Death Pronouncement | 1.3.6.1.4.1.19376.1.7.3.1.4.23.1 | QRPH 3: 6.3.4.E1 |  |

<component>

<section>

<templateId root='1.3.6.1.4.1.19376.1.5.3.1.3.5'/>

<id root=' ' extension=' '/>

<code code=’64297-5/displayName=’Death certificate’

codeSystem='2.16.840.1.113883.6.1' codeSystemName='LOINC'/>

<text>

*Text as described above*

</text>

<entry>

 :

<!-- Required Time of Death -->

<templateId root=’2.16.840.1.113883.10.20.24.1.3’/>

 :

</entry>

<entry>

 :

<!-- Required Location of Death -->

<templateId root=’2.16.840.1.113883.10.20.24.1.4’/>

 :

</entry>

<entry>

 :

<!—Optional Death Certification -->

<templateId root=’2.16.840.1.113883.10.20.24.1.5’/>

 :

</entry>

<entry>

 :

<!—Required Manner of Death -->

<templateId root=’2.16.840.1.113883.10.20.24.1.7’/>

 :

</entry>

<entry>

 :

<!—Conditional Pregnancy Status -->

<templateId root=’2.16.840.1.113883.10.20.24.1.8’/>

 :

</entry>

<entry>

 :

<!—Required if known Tobacco Use -->

<templateId root=’2.16.840.1.113883.10.20.24.1.9’/>

 :

</entry>

<entry>

 :

<!—Required if known Injury -->

<templateId root=’2.16.840.1.113883.10.20.24.1.10’/>

 :

</entry>

<entry>

 :

<!—Required Death Causal Information -->

<templateId root=’2.16.840.1.113883.10.20.24.1.6’/>

 :

</entry>

<entry>

 :

<!—Required Autopsy Performance -->

<templateId root=’2.16.840.1.113883.10.20.24.1.11’/>

 :

</entry>

<entry>

 :

<!—Conditional Autopsy Results -->

<templateId root=’2.16.840.1.113883.10.20.24.1.13’/>

 :

</entry>

    <entry>

 :

<!—Optional Coroner Referral -->

<templateId root=’2.16.840.1.113883.10.20.24.1.14’/>

 :

</entry>

<entry>

 :

<!—Required Coroner Case Transfer -->

<templateId root=’2.16.840.1.113883.10.20.24.1.12’/>

 :

</entry>

<entry>

 :

<!—Required Death Location Type -->

<templateId root=’ 1.3.6.1.4.1.19376.1.7.3.1.4.23.2/>

 :

</entry>

<entry>

 :

<!—Required Death Pronouncement-->

<templateId root=’ 1.3.6.1.4.1.19376.1.7.3.1.4.23.1’/>

 :

</entry>

</section>

</component>

Figure 6.3.3.10.1-1: Sample VRDR Death Report Section

###### 6.3.3.10.1.1 Pregnancy Status Entry Condition

The Pregnancy Status clinical statement SHALL be Required if the person is female and in the age range 5 to75 years.

###### 6.3.3.10.1.2 Autopsy Results Entry Condition

The Autopsy Results clinical statement SHALL be Required if autopsy performed.

###### 6.3.3.10.1.3 Death Certification Entry Condition

The License Number of Person Certifying Death SHALL be reflected in Performer/assigned person.

###### 6.3.3.10.1.4 Death Causal Information Entry Condition

The Name of person completing COD SHALL be reflected in author/assignedAuthor/name.

Add section 6.3.3.10.2 (added 2013-09 from QRPH VRDR supplement).

##### 6.3.3.10.2 Coded Hospital Course Section 1.3.6.1.4.1.19376.1.7.3.1.3.23.1

Table 6.3.3.10.2-1: Coded Hospital Course Section

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Template Name | | Coded Hospital Course Section | | | |
| Template ID | | 1.3.6.1.4.1.19376.1.7.3.1.3.23.1 | | | |
| Parent Template | | Hospital Course Section (1.3.6.1.4.1.19376.1.5.3.1.3.5) | | | |
| General Description | | The hospital course section shall contain a narrative description and coded entries describing the sequence of events from admission to discharge in a hospital facility. | | | |
| Section Code | | 8648-8, LOINC, HOSPITAL COURSE | | | |
| Opt and Card | Condition | Data Element or  Section Name | Template ID | Specification Document | Vocabulary  Constraint |
| Entries | | | | | |
| R2[0..1] | HL7 | Time of Death | 2.16.840.1.113883.10.20.24.1.3 |  |  |

<component>

<section>

<templateId root=' 1.3.6.1.4.1.19376.1.7.3.1.3.23.1’/>

<id root=' ' extension=' '/>

<code code='8648-8' displayName='HOSPITAL COURSE'

codeSystem='2.16.840.1.113883.6.1' codeSystemName='LOINC'/>

<text>

*Text as described above*

</text>

<entry>

 :

<!-- Required if known Time of Death element -->

<templateId root='2.16.840.1.113883.10.20.24.1.3/>

 :

</entry>

</section>

</component>

Figure 6.3.3.10.2-1: Sample Coded Hospital Course Section

Add section 6.3.3.10.3 (added 2013-09 from the QRPH HW supplement).

##### 6.3.3.10.3 Resources to Support Goals Section 1.3.6.1.4.1.19376.1.7.3.1.3.24.1

Table 6.3.3.10.3-1: Resources to Support Goals Section

|  |  |  |
| --- | --- | --- |
| Template ID | 1.3.6.1.4.1.19376.1.7.3.1.3.24.1 | |
| General Description | The Resources to Support Goals Section shall contain a narrative description of the community, health, and wellness resources available or provided to the patient to support their care plan goals. | |
| LOINC Code | Opt | Description |
| 46802-5 | R | Communication with community resources.knowledge |

<component>

<section>

<templateId root='1.3.6.1.4.1.19376.1.7.3.1.3.24.1/>

<id root=' ' extension=' '/>

<code code='46802-5' displayName=’Communication with community resources.knowledge’

codeSystem='2.16.840.1.113883.6.1' codeSystemName='LOINC'/>

<text>

*Text as described above*

</text>

</section>

</component

Figure 6.3.3.10.3-1: Sample Resources to Support Goals Section

Add section 6.3.3.10.4 (added 2013-09 from the QRPH HW supplement).

##### 6.3.3.10.4 Healthy Weight Care Plan Section 1.3.6.1.4.1.19376.1.7.3.1.3.24.2

Table 6.3.3.10.4-1: Healthy Weight Care Plan Section

|  |  |  |
| --- | --- | --- |
| Template ID | 1.3.6.1.4.1.19376.1.7.3.1.3.24.2 | |
| Parent Template | 1.3.6.1.4.1.19376.1.5.3.1.3.31 | |
| General Description | The healthy weight care plan section shall contain a narrative description of the expectations for care for healthy weight management including proposals, goals, and order requests for monitoring, tracking, or improving the condition of the patient. The Healthy Weight care plan includes the following Goal Setting documentation:   * Identification of goals for behavior change (increasing healthy behaviors and/or decreasing unhealthy behaviors) that are appropriate for the patient based on discussion during the visit and patient-reported readiness to change. * Messaging related to an ideal (targeted) level for the behavior * Goal selection may be selected from structured lists or selected in an open-ended manner * Documentation of barriers and supports to attaining selected goals, may be selected from structured lists or selected in an open-ended manner * Monitoring of progress against goals set during previous visits | |
| LOINC Code | Opt | Description |
| 18776-5 | R | PATIENT PLAN OF CARE |

<component>

<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='1.3.6.1.4.1.19376.1.7.3.1.3.24.2’/>

<id root=' ' extension=' '/>

<code code='18776-5' displayName='PATIENT PLAN OF CARE'

codeSystem='2.16.840.1.113883.6.1' codeSystemName='LOINC'/>

<text>

*Text as described above*

</text>

</section>

</component>

Figure 6.3.3.10.4-1: Sample Healthy Weight Care Plan Section

Replace the following section 6.3.3.10.5:

##### 6.3.3.10.5 Occupational Data for Health Section 1.3.6.1.4.1.19376.1.5.3.1.3.37

Table 6.3.3.10.5-1: Occupational Data for Health Section

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Template Name** | | Occupational Data for Health | | | |
| **Template ID** | | 1.3.6.1.4.1.19376.1.5.3.1.3.37 | | | |
| **Parent Template** | |  | | | |
| **General Description** | | The Occupational Data for Health section shall contain a narrative description of the person’s employment status and usual occupation, as well as the person’s history of employment. Employment information includes occupation and industry and may include the employer’s name and the location where work was performed.  When represented in a document containing a Social History section, the Occupational Data for Health section shall be encoded as a sub-section of the Social History section. | | | |
| **Section Code** | | <74166-0, LOINC, “Occupational Data for Health”> | | | |
| **Author** | | If not the author from the encompassing context, include author. Role and entity must be specified if not inherited. | | | |
| **Informant** | | If not the informant from the encompassing context, include informant. Role and entity must be specified if not inherited. | | | |
| **Subject** | | If not the subject from the encompassing context, include subject. Role and entity must be specified if not inherited. | | | |
| **Opt and Card** | **Condition** | **Data Element or  Section Name** | **Template ID** | **Specification Document** | **Vocabulary**  **Constraint** |
| **Entries** | | | | | |
| R2 [0..1] | PCC TF-2  6.3.3.10.5 | Occupational Data for Health Organizer | 1.3.6.1.4.1.19376.1.5.3.1.4.20 | PCC TF-2  6.3.3.10.5 |  |

###### 6.3.3.10.5.1 Occupational Data for Health Section < 74166-0>

[section: templateId 1.3.6.1.4.1.19376.1.5.3.1.3.37 (open)]

The Occupational Data for Health section describes all aspects of the employment history. It may contain the current employment status, the usual occupation (longest held occupation) which may include the present duration for that job, or the employment history which may include the employer and places where the work was performed.

1. **SHALL** contain exactly one [1..1] **templateId** such that it
   1. **SHALL** contain exactly one [1..1] **@root**="1.3.6.1.4.1.19376.1.5.3.1.3.37".
2. **SHALL** contain exactly one [1..1] **code/@code**="74166-0" Occupational Data (CodeSystem: LOINC 2.16.840.1.113883.6.1).
3. **SHALL** contain exactly one [1..1] **title** .
4. **SHALL** contain exactly one [1..1] **text**.
5. **MAY** contain zero or one [0..1] **entry** such that it
   1. **SHALL** contain exactly one [1..1] 1.3.6.1.4.1.19376.1.5.3.1.4.20 Occupational Data For Health Organizer.

<section>

…

<!-- Sub section for Occupational Data For Health -->

<component>

<section>

<templateId root="2.16.840.1.113883.10.20.22.2.17"/>

<!-- ODH SECTION TEMPLATE ID-->

<templateId root="1.3.6.1.4.1.19376.1.5.3.1.3.37"/>

<code code="74166-0" codeSystem="2.16.840.1.113883.6.1" codeSystemVersion="0" codeSystemName="LOINC" displayName="Occupational

Data for Health"/>

<text>...</text>

<entry>

:

<!-- ODH ORGANIZER ENTRY TEMPLATE ID-->

<templateId root="1.3.6.1.4.1.19376.1.5.3.1.4.20"/>

<entry>

:

<!-- EMPLOYMENT STATUS ORGANIZER TEMPLATE ID-->

<templateId root="1.3.6.1.4.1.19376.1.5.3.1.4.20.1"/>

:

<!-- USUAL OCCUPATION AND INDUSTRY ORGANIZER TEMPLATE ID-->

<templateId root="1.3.6.1.4.1.19376.1.5.3.1.4.20.2"/>

:

<!-- HISTORY OF OCCUPATION ORGANIZER TEMPLATE ID-->

<templateId root="1.3.6.1.4.1.19376.1.5.3.1.4.20.3"/>

</entry>

</entry>

</section>

</component>

…

</section>

Figure 6.3.3.10.5-1: Occupational Data for Health Section example

### 6.3.4 CDA Entry Content Modules

**Please note**: Section 6.3.4.1 through 6.3.4.24 are defined in IHE PCC TF-2: 6.3.4.

Add Section 6.3.4.25

#### 6.3.4.25 Family History Observation 1.3.6.1.4.19376.1.5.3.1.4.13.3

A family history observation is a [Simple Observation](http://wiki.ihe.net/index.php?title=1.3.6.1.4.1.19376.1.5.3.1.4.13) that uses a specific vocabulary, and inherits constraints from CCD®[[4]](#footnote-4). Family history observations are found inside [Family History Organizers](#_Family_History_Organizer).

##### 6.3.4.25.1 Standards

|  |  |
| --- | --- |
| CCD | [ASTM/HL7 Continuity of Care Document](http://www.hl7.org/Library/General/HL7_CDA_R2_final.zip) |

##### 6.3.4.25.2 Parent Template

The parent of this template is [[Simple Observation](#_Simple_Observations_1.3.6.1.4.1.19376.1)](http://wiki.ihe.net/index.php?title=1.3.6.1.4.1.19376.1.5.3.1.4.13). This template is compatible with the ASTM/HL7 Continuity of Care Document template: 2.16.840.1.113883.10.20.1.22

##### 6.3.4.25.3 Specification

<observation typeCode='OBS' moodCode='EVN'>

<templateId root='1.3.6.1.4.1.19376.1.5.3.1.4.13'/>

<templateId root='2.16.840.1.113883.10.20.1.22'/>

<templateId root='1.3.6.1.4.1.19376.1.5.3.1.4.13.3'/>

<id root=' ' extension=' '/>

<code code=' ' displayName=' ' codeSystem=' ' codeSystemName=' '/>

<text><reference value='#xxx'/></text>

<statusCode code='completed'/>

<effectiveTime value=' '/>

<repeatNumber value=' '/>

<value xsi:type='CD' .../>

<interpretationCode code=' ' codeSystem=' ' codeSystemName=' '/>

<methodCode code=' ' codeSystem=' ' codeSystemName=' '/>

<targetSiteCode code=' ' codeSystem=' ' codeSystemName=' '/>

</observation>

Figure 6.3.4.25.3-1: Family History Specification

##### 6.3.4.25.4 <templateId root='2.16.840.1.113883.10.20.1.22'/> <templateId root='1.3.6.1.4.1.19376.1.5.3.1.4.13.3'/>

The <templateId> elements identify this observation as a family history observation, and shall be present as shown above.

##### 6.3.4.25.5 <code code=' ' displayName=' ' codeSystem=' ' codeSystemName=' '/>

The <code> indicates the type of observation made (e.g., Diagnosis, et cetera). See the code element in the Problem Entry entry for suggested values.

##### 6.3.4.25.6 <value xsi:type='CD' code=' ' displayName=' ' codeSystem=' ' codeSystemName=' '/>

The <value> element indicates the information (e.g., diagnosis) of the family member. See the value element in the Problem Entry for suggested values.

Add Section 6.3.4.26

#### 6.3.4.26 Pregnancy History Organizer 1.3.6.1.4.1.19376.1.5.3.1.4.13.5.1

Defined in IHE PCC TF-2.

Add Section 6.3.4.27

#### 6.3.4.27 EDD Observation 1.3.6.1.4.1.19376.1.5.3.1.1.11.2.3.1

The EDD observation reflects the clinician’s best judgment about the estimated delivery date of the patient. It can be supported by patient history (e.g., last menses or quickening), physical examination findings (uterine size), or Ultrasound. The observation is a Simple Observation with a supporting entryRelation of another Observation. The supporting observation may in turn have an entryRelation that gives the original observation as a gestational age or date from which the estimated due date is calculated.

##### 6.3.4.27.1 Specification

<observation classCode='OBS' moodCode='EVN'>

<templateId root='1.3.6.1.4.1.19376.1.5.3.1.4.13'/>

<templateId root='1.3.6.1.4.1.19376.1.5.3.1.1.11.2.3.1'>

<statusCode code='completed'/>

<effectiveTime value=' '/>

<author typeCode='AUT'>

<time value=' '/>

<assignedAuthor>

<id root=' ' extension=' '/>

</assignedAuthor>

</author>

<id root=' ' extension=' '/>

<code code='11778-8'

displayName='DELIVERY DATE-TMSTP-PT-^PATIENT-QN-CLINICAL.ESTIMATED'

codeSystem='2.16.840.1.113883.6.1' codeSystemName='LOINC'/>

<text><reference value='id-foo'/></text>

<value xsi:type='TS' value=' '/>

<entryRelationship typeCode='SPRT'>

<observation classCode='OBS' moodCode='EVN'>

<id root=' ' extension=' '/>

<statusCode code='completed'/>

<effectiveTime value=' '/>

<author typeCode='AUT'>

<time value=' '/>

<assignedAuthor classCode=' '>

<id root=' ' extension=' '/>

</assignedAuthor>

</author>

<code code='[11779-6|(xx-EDD-by-PE)|11781-2|(xx-EDD-by-Qck)|(xx-EDD-by-Fund)]'

codeSystem='2.16.840.1.113883.6.1' codeSystemName='LOINC'/>

<value type='TS' value=' '>

<entryRelationship typeCode='DRIV'>

<observation classCode='OBS' moodCode='EVN'>

<id root=' ' extension=' '/>

<statusCode code='completed'/>

<effectiveTime value=' '/>

<author typeCode='AUT'>

<time value=' '/>

<assignedAuthor>

<id root=' ' extension=' '/>

</assignedAuthor>

</author>

<informant typeCode='INF'>

<relatedEntity classCode=' '>

<id root=' ' extension=' '/>

</relatedEntity>

</informant>

<code code='[8655-2|(xx-ga-by-pe)|11888-5|(xx-date-of-qck)|(xx-date-of-fund-umb) ]'

codeSystem='2.16.840.1.113883.6.1' codeSystemName='LOINC'/>

<value type='[PQ|TS]' value=' ' units='week'/>

</observation>

</entryRelationship>

</observation>

</entryRelationship>

</observation>

##### 6.3.4.27.2 <templateId root='1.3.6.1.4.1.19376.1.5.3.1.1.11.2.3.1'/>

The <templateId> identifies the observation as a type of Estimated Delivery Date Observation. The root attribute SHALL be valued with '1.3.6.1.4.1.19376.1.5.3.1.1.11.2.3.1'.

##### 6.3.4.27.3 <templateId root='1.3.6.1.4.1.19376.1.5.3.1.4.13'/>

EDD observation SHALL comply with the restrictions of the Simple Observation entry. The observation SHALL NOT include repeatNumber, interpretationCode, methodCode, or targetSiteCode as listed below.

##### 6.3.4.27.4 <code code='11778-8' codeSystem='2.16.840.1.113883.6.1'/>

The <code> element indicates that this is a "clinically estimated" estimated delivery date (for example, this code is used to represent the field on the last line of the EDD section of the ACOG form). This code SHALL be the LOINC code 11778-8. It is good style to include the displayName and codeSystemName to help debugging.

##### 6.3.4.27.5 <value xsi:type='TS' value=' '>

The value of the EDD SHALL be represented as a point in time.

##### 6.3.4.27.6 <author typeCode='AUT'><assignedAuthor><id root=' ' extension=' '/></assignedAuthor></author>

There may be multiple clinicians following the patient and authoring the overall document, however the EDD observation has an individual author. For CDA based content, this author SHALL be listed in the CDA header and referenced from the entry by including the id element of the assignedAuthor. For HL7 Version 3 Messages based content, the author SHALL be included in full through this element.

##### 6.3.4.27.7 <author typeCode='AUT'><time value=' '/></author>

The author.time is used to record the time that the author recorded the observation. It SHALL be included.

##### 6.3.4.27.8 <entryRelationship typeCode='SPRT'>

The <entryRelationship> element binds the clinicians estimated EDD to supporting observations by different methods. Supporting observations SHOULD be included. If included, the typeCode SHALL be 'SPRT'. For HL7 Version 3 Messages based content, the element name is <sourceOf> rather than <entryRelationship>, however the semantics, typeCode, and nested elements remain unchanged.

##### 6.3.4.27.9 <observation> <templateId root='1.3.6.1.4.1.19376.1.5.3.1.4.13'/> : </observation> [1st nesting]

Observations that support the clinical observation SHALL be included if known. These observations are the supporting calculated dates from various methods such as ultrasound dates or dates calculated from LMP (i.e., the left column of fields on the ACOG form). Supporting observations SHALL also conform to the simple observation template. Supporting observations MAY include a different effectiveTime, author, or informant. Supporting observations SHALL NOT include repeatNumber, interpretationCode, methodCode, or targetSiteCode. (Method is implied by the LOINC code). The templateId SHALL be valued as ‘1.3.6.1.4.1.19376.1.5.3.1.4.13’

##### 6.3.4.27.10 <code code=' ' codeSystem='2.16.840.1.113883.6.1'/> [1st nesting]

Supporting observations SHALL include one of following LOINC values to indicate the method used to calculate the EDD.

|  |  |
| --- | --- |
| Code | Description |
| 11779-6 | Delivery date Estimated from last menstrual period |
| (xx-EDD-by-PE) | DELIVERY DATE-TMSTP-PT-^PATIENT-QN-ESTIMATED FROM CLINICIANS PHYSICAL EXAM |
| 11781-2 | Delivery date composite estimate |
| 57063-0 | Delivery date Estimated from quickening date |
| 57064-8 | Delivery date Estimated from date fundal height reaches umb |

##### 6.3.4.27.11 <entryRelationship typeCode='DRIV'>

Observations of supporting EDD should provide observations from which they were derived such as the patient’s last menses, or gestational age value at a point in time.

For HL7 Version 3 Messages based content, the element name is <sourceOf> rather than <entryRelationship>, however the semantics, typeCode, and nested elements remain unchanged.

##### 6.3.4.27.12 <observation> <templateId root=' '/> : </observation> [2st nesting]

Observations that support the calculation of supporting observation SHALL be included if known. These observations are the supporting dates or ages from various methods such as ultrasound gestational age or the date of last Menses (for example, the right column of fields on the ACOG form). Supporting observations SHALL also conform to the simple observation template. Supporting observations MAY include a different effectiveTime, author, or informant. Supporting observations SHALL NOT include repeatNumber, interpretationCode, methodCode, or targetSiteCode. (Method is implied by the LOINC code)

##### 6.3.4.27.13 <code code=' ' codeSystem='2.16.840.1.113883.6.1'/> [2nd nesting]

This code is used to represent the either the relevant date, or the gestational age observation from which the EDD is derived. The following table lists the relevant LOINC codes for methods used. For observations that record the gestational age the value is recorded as a physical quantity (PQ) with the units of weeks and the activity time should be recorded to indicate the date at which the gestational age was observed. For observations that simply record a date (e.g., LMP) the observation value is recorded as a point in time (TS).

|  |  |  |
| --- | --- | --- |
| Code | Description | Type |
| 8655-2 | DATE LAST MENSTRUAL PERIOD-TMSTP-PT-^PATIENT-QN-REPORTED | TS |
| 11884-4 | GESTATIONAL AGE-TIME-PT-^FETUS-QN-ESTIMATED FROM CLINICIANS PHYSICAL EXAM M | PQ |
| 11888-5 | Gestational age composite estimate | PQ |
| 57065-5 | Quickening date | TS |
| 57066-3 | Date fundal height reaches umbilicus | TS |

##### 6.3.4.27.14 <repeatNumber value=' '/> <interpretationCode code=' ' codeSystem=' '/> <targetSiteCode code=' ' codeSystem=' '/>

The <repeatNumber> <interpretationCode>, and <targetSiteCode> elements should not be present in an EDD observation.

Add Section 6.3.4.28

#### 6.3.4.28 Antepartum Visit Summary Battery 1.3.6.1.4.1.19376.1.5.3.1.1.11.2.3.2

This entry describes a single row in the Antepartum Visit Summary Flowsheet. The single observation date and provider is applied to all other observations.

##### 6.3.4.28.1 Specification

<entry>

<organizer classCode='BATTERY' moodCode='EVN'>

<templateId root='1.3.6.1.4.1.19376.1.5.3.1.1.11.2.3.2'/>

<id root=' ' extension=' '/>

<code code='57061-4' displayName='Antepartum flowsheet panel'

codeSystem='2.16.840.1.113883.6.1' codeSystemName='LOINC'/>

<statusCode code='completed'/>

<author>

<time value=' '/>

<assignedAuthor>

<id root=' ' extension=' '/>

</assignedAuthor>

</author>

<component>

<observation classCode='OBS' moodCode='EVN'>

<templateId root='1.3.6.1.4.1.19376.1.5.3.1.4.13'/>

 :

</observation>

</component>

<component>

<observation classCode='OBS' moodCode='EVN'>

<templateId root='1.3.6.1.4.1.19376.1.5.3.1.4.13'/>

 :

</observation>

</component>

 :

</organizer>

</entry>

##### 6.3.4.28.2 <templateId root='1.3.6.1.4.1.19376.1.5.3.1.1.11.2.3.2'/>

The <templateId> element specifies that this organizer entry conforms to the APS Profile Antepartum Visit Summary Flowsheet battery. The root attribute SHALL contain the value "1.3.6.1.4.1.19376.1.5.3.1.1.11.2.3.2"

##### 6.3.4.28.3 <organizer classCode='BATTERY' moodCode='EVN'>

Each row in the visit Summary flowsheet of the Antepartum Summary SHALL be represented by an organizer with the classCode of 'BATTERY' and the moodCode of 'EVN'

##### 6.3.4.28.4 <id root=' ' extension=' '/>

Each battery SHALL have a globally unique identifier.

##### 6.3.4.28.5 <code code='(57061-4)' codeSystem='2.16.840.1.113883.6.1'/>

The <code> element specifies the LOINC code that represents the content of the battery. The codeSystem attribute SHALL contain the value '2.16.840.1.113883.6.1'. The code attribute SHALL contain the value='(57061-4)'. It is good practice to include displayName and codeSystemName for clarity and debugging. The corresponding values are 'ACOG VISIT SUMMARY BATTERY--PT--' and 'LOINC' respectively.

##### 6.3.4.28.6 <author/><time/><assignedAuthor><id/></assignedAuthor></author>

The <author> relation element points at the author that records the visit battery. This assignedAuthor may be different than the author of the document. The time element is used to record when the assigned author recorded the battery.

##### 6.3.4.28.7 <statusCode code='completed'/>

The status code for all batteries SHALL be 'completed'

##### 6.3.4.28.8 <component>

The battery is made of several component simple observations. The following table lists the allowable LOINC codes, displayNames, and observation types, and unit of measures for these observations.

| LOINC Code | displayName | xsi:type | units | value set |
| --- | --- | --- | --- | --- |
| 11884-4 | Gestational age Clinical.estimate | PQ | week |  |
| 57067-1  or  11727-5 (by US) | Fetal Body weight Estimated by palpation  or  Fetal weight estimated by US | PQ | g, kg, lb\_av, or oz\_av |  |
| 11881-0 | Uterus Fundal height Tape measure | PQ | cm |  |
| 11876-0 (by PE) or 11877-8 (by US) | Fetal presentation by palpitation  or Fetal presentation US | CD |  | SNOMED CT Vertex (70028003) Breech (6096002) Transverse (73161006) Oblique (63750008) Compound (124736009) Brow (8014007) Face (21882006) |
| 11948-7 or 57068-9 | Fetal Heart rate US or Fetal Heart rate Auscultation | PQ | /min |  |
| 57088-7 | Fetal Movement - Reported | CO |  | SNOMED CT  fetal movement activity (finding)  CID 364755008  baby kicks a lot (finding)  CID 276368003  baby not moving (finding)  CID 276370007  reduced fetal movement (finding)  CID 276369006  fetal movements present (finding)  CID 289431008  fetal movements felt (finding)  CID 268470003  fetal movements seen (finding)  CID 169731002 |
| 57069-7 | Preterm labor symptoms | BL |  |  |
| 11709-7 or 11785-3 | DILATION-LEN-PT-CERVICAL CANAL.external os -QN-PALPATION or DILATION-LEN-PT-CERVICAL CANAL.external os-QN-US | PQ | cm |  |
| 11867-9 | Effacement Cervix by palpitation | PQ | percent |  |
| 11961-0 | Cervix [Length] US | PQ | cm |  |
| 8480-6 | Systolic blood pressure | PQ | mmHg |  |
| 8462-4 | Diastolic blood pressure | PQ | mmHg |  |
| 3141-9 | Body weight Measured | PQ | g, kg, lb\_av, or oz\_av |  |
| 1753-3 | Albumin [Presence] in Urine | CO |  | SNOMED CT  Negative (finding) CID 167273002  Trace (finding) CID 167274008  1+ (finding) CID 167275009  2+ (finding) CID 167276005  3+ (finding) CID 167277001  4+ (finding) CID 167278006 |
| 2349-9 or 25428-4(test strip) | Glucose [Presence] in Urine or Glucose [Presence] in Urine by Test strip | CO |  | SNOMED CT  Negative (finding) CID 167261002  Trace (finding) CID 167262009  1+ (finding) CID 167264005  2+ (finding) CID 167265006  3+ (finding) CID 167266007  4+ (finding) CID 167267003 |
| 44966-0 | Edema | CO |  | SNOMED CT  Trace 44996-0  1+ pitting edema 420829009  2+ pitting edema 421605005  3+ pitting edema 421346005  4+ pitting edema 421129002 |
| 38208-5 | Pain severity - Reported | CO |  | 0 (no pain) : 10 (worst possible pain) Note: This observation should correspond to the functional status [pain score observation](#_Pain_Score_Observation) |
| 57070-5 | Date next clinic visit | PQ | day,week,mo |  |
| 48767-8 | Annotation comment | ED |  |  |

Add Section 6.3.4.29

#### 6.3.4.29 Advance Directive Observation 1.3.6.1.4.1.19376.1.5.3.1.4.13.7

An advance directive observation is a simple observation that uses a specific vocabulary, and inherits constraints from CCD.

##### 6.3.4.29.1 Standards

|  |  |
| --- | --- |
| CCD | [ASTM/HL7 Continuity of Care Document](http://www.hl7.org/Library/General/HL7_CDA_R2_final.zip) |

##### 6.3.4.29.2 Specification

<observation typeCode='OBS' moodCode='EVN'>

<templateId root='1.3.6.1.4.1.19376.1.5.3.1.4.13'/>

<templateId root='2.16.840.1.113883.10.20.1.17'/>

<templateId root='1.3.6.1.4.1.19376.1.5.3.1.4.13.7'/>

<id root=' ' extension=' '/>

<code code=' ' codeSystem='2.16.840.1.113883.6.96' codeSystemName='SNOMED CT'/>

<text><reference value='#xxx'/></text>

<statusCode code='completed'/>

<effectiveTime value=' '/>

<value xsi:type='BL' value='true|false'/>

<reference typeCode='REFR'>

<templateId root='2.16.840.1.113883.10.20.1.36'/>

<externalDocument classCode='DOC' moodCode='EVN'>

<id root=' ' extension=' '/>

<text><reference value=' '/></text>

</externalDocument>

</reference>

</observation>

An advanced directive <observation> shall be represented as shown above. They shall not contain any <repeatNumber>, <interpretationCode>, <methodCode> or <targetSiteCode> elements.

##### 6.3.4.29.3 <templateId root='1.3.6.1.4.1.19376.1.5.3.1.4.13'/> <templateId root='2.16.840.1.113883.10.20.1.17'/> <templateId root='1.3.6.1.4.1.19376.1.5.3.1.4.13.7'/>

The <templateId> elements shown above shall be present, and indicated that this is an Advance Directive entry.

##### 6.3.4.29.4 <code code=' ' codeSystem='2.16.840.1.113883.6.96' codeSystemName='SNOMED CT'/>

The <code> element records the type of advance directive. It should use one of the following SNOMED codes in the table below.

|  |  |  |
| --- | --- | --- |
| Code | Description | Data Type |
| 304251008 | Resuscitation | BL |
| 52765003 | Intubation |
| 225204009 | IV Fluid and Support |
| 89666000 | CPR |
| 281789004 | Antibiotics |
| 78823007 | Life Support |
| 61420007 | Tube Feedings |
| 116859006 | Transfusion of blood product |
| 71388002 | Other Directive | <value> not permitted |

##### 6.3.4.29.5 <value xsi:type='BL' value='true|false'/>

The advance directive observation may include a <value> element using the Boolean (xsi:type='BL') data type to indicate simply whether the procedure described is permitted. Absence of the <value> element indicates that an advance directive of the specified type has been recorded, and must be examined to determine what type of treatment should be performed. The value element is not permitted when the <code> element describes an Other directive.

##### 6.3.4.29.6 <reference typeCode='REFR'> <templateId root='2.16.840.1.113883.10.20.1.36'/> <externalDocument classCode='DOC' moodCode='EVN'> <id root=' ' extension=' '/> <text><reference value=' '/></text>

The advanced directive observation may contain a single reference to an external document. That reference shall be recorded as shown above. The <id> element shall contain the appropriate root and extension attributes to identify the document. The <text> element may be present to provide a URL link to the document in the value attribute of the <reference> element. If the <reference> element is present, the Advance Directive in the narrative shall contain a <linkHTML> element to the same URL found in the value attribute.

Add Section 6.3.4.30

#### 6.3.4.30 Blood Type Observation 1.3.6.1.4.1.19376.1.5.3.1.4.13.6

The blood type observation is a Simple Observation of the patient's blood type. It conforms to the CCD Result observation template.

##### 6.3.4.30.1 Standards

|  |  |
| --- | --- |
| CCD | [ASTM/HL7 Continuity of Care Document](http://www.hl7.org/Library/General/HL7_CDA_R2_final.zip) |

##### 6.3.4.30.2 Specification

<observation typeCode='OBS' moodCode='EVN'>

<templateId root='1.3.6.1.4.1.19376.1.5.3.1.4.13'/>

<templateId root='1.3.6.1.4.1.19376.1.5.3.1.4.13.6'/>

<templateId root='2.16.840.1.113883.10.20.1.31'/>

<id root=' ' extension=' '/>

<code code='882-1' displayName='ABO+RH GROUP'

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='CE' code=' ' displayName=' ' codeSystem=' ' codeSystemName=' '/>

~~<interpretationCode code=' ' codeSystem=' ' codeSystemName=' '/>~~

~~<methodCode code=' ' codeSystem=' ' codeSystemName=' '/>~~

~~<targetSiteCode code=' ' codeSystem=' ' codeSystemName=' '/>~~

<observation>

##### 6.3.4.30.3 <templateId root='1.3.6.1.4.1.19376.1.5.3.1.4.13'/> <templateId root='1.3.6.1.4.1.19376.1.5.3.1.4.13.6'/> <templateId root='2.16.840.1.113883.10.20.1.31'/>

These <templateId> elements identify this as a blood type observation. They shall be present in the <observation> element as shown above.

##### 6.3.4.30.4 <code code='882-1' displayName='ABO+RH GROUP' codeSystem='2.16.840.1.113883.6.1' codeSystemName='LOINC'/>

The <code> element shall be present to represent this as a finding of the patient's composite blood type. It shall use the code and codeSystem attributes shown above.

##### 6.3.4.30.5 ~~<repeatNumber value=' '/>~~

The <repeatNumber> element should not be present in a blood type observation.

##### 6.3.4.30.6 <value xsi:type='CE' code=' ' displayName=' ' codeSystem=' ' codeSystemName=' '/>

The <value> element shall be present and shall use the CE data type. The code attribute should be valued using a vocabulary that supports encoding of blood types. The table below shows some coding systems that may be used to encode blood type.

|  |  |
| --- | --- |
| Coding System | OID |
| ISBT 128 | 2.16.840.1.113883.6.18 |
| SNOMED CT | 2.16.840.1.113883.6.96 |

##### 6.3.4.30.7 ~~<interpretationCode code=' ' codeSystem=' ' codeSystemName=' '/> <methodCode code=' ' codeSystem=' ' codeSystemName=' '/> <targetSiteCode code=' ' codeSystem=' ' codeSystemName=' '/>~~

The <interpretationCode>, <methodCode>, and <targetSiteCode> should not be present in a blood type observation.

Add Section 6.3.4.31

#### 6.3.4.31 Encounters 1.3.6.1.4.1.19376.1.5.3.1.4.14

An Encounter is an interaction between a patient and care provider(s) for the purpose of providing healthcare-related service(s). Healthcare services include health assessment. Examples: outpatient visit to multiple departments, home health support (including physical therapy), inpatient hospital stay, emergency room visit, field visit (e.g., traffic accident), office visit, occupational therapy, or telephone call.

##### 6.3.4.31.1 Standards

|  |  |
| --- | --- |
| CCD | [ASTM/HL7 Continuity of Care Document](http://www.hl7.org/Library/General/HL7_CDA_R2_final.zip) |

##### 6.3.4.31.2 Specification

<encounter classCode='ENC' moodCode='PRMS|ARQ|EVN'>

<templateId root='1.3.6.1.4.1.19376.1.5.3.1.4.14'/>

<templateId root='2.16.840.1.113883.10.20.1.21'/>

<templateId root='2.16.840.1.113883.10.20.1.25'/>

<id root='' extension=''/>

<code code='' codeSystem='2.16.840.1.113883.5.4' codeSystemName='ActEncounterCode' />

<text><reference value='#xxx'/></text>

<effectiveTime>

<low value=''/>

<high value=''/>

</effectiveTime>

<priorityCode code=''/>

<performer typeCode='PRF'>

<time><low value=''/><high value=''/></time>

<assignedEntity>...</assignedEntity>

</performer>

<author />

<informant />

<participant typeCode='LOC'>

<participantRole classCode='SDLOC'>

<id/>

<code/>

<addr>...</addr>

<telecom value='' use=''/>

<playingEntity classCode='PLC' determinerCode='INST'>

<name></name>

</playingEntity>

</participantRole>

</participant>

</encounter>

###### 6.3.4.31.2.1 <encounter classCode='ENC' moodCode='APT|ARQ|EVN'>

This element is an encounter. The classCode shall be 'ENC'. The moodCode may be PRMS to indicate a scheduled appointment, ARQ to describe a request for an appointment that has been made but not yet scheduled by a provider, or EVN, to describe an encounter that has already occurred.

###### 6.3.4.31.2.2 <templateId root='1.3.6.1.4.1.19376.1.5.3.1.4.14'/>

The templateId indicates that this <encounter> entry conforms to the constraints of this content module. NOTE: When the encounter is in event mood (moodCode='EVN'), this entry conforms to the CCD template 2.16.840.1.113883.10.20.1.21, and when in other moods, this entry conforms to the CCD template 2.16.840.1.113883.10.20.1.25.

###### 6.3.4.31.2.3 <id root='' extension=''/>

This required element shall contain an identifier for the encounter. More than one encounter identifier may be present.

###### 6.3.4.31.2.4 <code code='' codeSystem='2.16.840.1.113883.5.4' codeSystemName='ActEncounterCode' />

This required element should contain a code from the HL7 ActEncounterCode vocabulary describing the type of encounter (e.g., inpatient, ambulatory, emergency, et cetera). Developers should take care to check that rational combinations of encounter.code and encounter.moodCode are used, but this Technical Framework does not restrict any combination.

###### 6.3.4.31.2.5 <text><reference value='#xxx'/></text>

The <text> element shall contain a reference to the narrative text describing the encounter.

###### 6.3.4.31.2.6 <effectiveTime><low value=''/><high value=''/></effectiveTime>

This element records the time over which the encounter occurred (in EVN mood), or the desired time of the encounter in ARQ or APT mood. In EVN or APT mood, the effectiveTime element should be present. In ARQ mood, the effectiveTime element may be present, and if not, the priorityCode may be present to indicate that a callback is required to schedule the appointment.

###### 6.3.4.31.2.7 <priorityCode code='CS'/>

This element may be present in ARQ mood to indicate a callback is requested to schedule the appointment.

###### 6.3.4.31.2.8 <performer>

For encounters in EVN mood, at least one performer should be present that identifies the provider of the service given during the encounter. More than one performer may be present. The <time> element should be used to indicate the duration of the participation of the performer when it is substantially different from that of the effectiveTime of the encounter. In ARQ mood, the performer may be present to indicate a preference for a specific provider. In APT mood, the performer may be present to indicate which provider is scheduled to perform the service.

###### 6.3.4.31.2.9 <participant typeCode='LOC'> <participantRole classCode='SDLOC'>

A <participant> element with typeCode='LOC' may be present to provide information about the location where the encounter is to be or was performed. This element shall have a <participantRole> element with classCode='SDLOC' that describes the service delivery location.

###### 6.3.4.31.2.10 <id/>

The <id> element may be present to identify the service delivery location.

###### 6.3.4.31.2.11 <code/>

The <code> element may be present to classify the service delivery location.

###### 6.3.4.31.2.12 <addr>...</addr>

The <addr> element should be present, and gives the address of the location.

###### 6.3.4.31.2.13 <telecom value='' use=''/>

The <telecom> element should be present, and gives the telephone number of the location.

###### 6.3.4.31.2.14 <playingEntity classCode='PLC'> <name>...</name> </playingEntity>

The <playingEntity> shall be present, and gives the name of the location in the required <name> element.

Add Section 6.3.4.32

#### 6.3.4.32 Update Entry 1.3.6.1.4.1.19376.1.5.3.1.4.16

The update entry shall contain references to the entries or sections which are being replaced or updated. This reference shall not be present when the update entry is adding a new entries or sections.

Entries and sections can be added, updated, or removed from a PHR. An update entry indicates the entry in the original PHR Extract that should be replaced or updated with new information contained within the entry. Only one organizer of this type is allowed in a section, and if present, it must be the first entry in the section.

##### 6.3.4.32.1 Specification

<entry>

<organizer classCode='BATTERY' moodCode='EVN'>

<templateId root='1.3.6.1.4.1.19376.1.5.3.1.4.16'/>

<reference typeCode='RPLC'>

<externalAct classCode='ACT' moodCode='EVN'>

<id root='' extension=''/>

</externalAct>

</reference>

</organizer>

</entry>

##### 6.3.4.32.2 <templateId root='1.3.6.1.4.1.19376.1.5.3.1.4.16'/>

This templateId indicates that the organizer is used to update a PHR Extract.

##### 6.3.4.32.3 <reference typeCode='RPLC'>

A reference element shall be present with typeCode RPLC. The reference element lists the acts that are affected by the update. It indicates that any referenced act is being replaced with new information. This element must be present, and may be repeated to replace more than one act at a time.

##### 6.3.4.32.4 <externalAct classCode='ACT' moodCode='EVN'>

This element must appear as shown above. It indicates that the reference is to an external act (a section or entry contained in the parent document).

##### 6.3.4.32.5 <id root=' ' extension=' '/>

This element identifies the information being replaced or updated. The identifier is of the entry or section being replaced. If the identifier is to a section being replaced, only one reference element is permitted.

Add Section 6.3.4.33

#### 6.3.4.33 Procedure Entry 1.3.6.1.4.1.19376.1.5.3.1.4.19

The procedure entry is used to record procedures that have occurred, or which are planned for in the future.

##### 6.3.4.33.1 Standards

|  |  |
| --- | --- |
| CCD | [ASTM/HL7 Continuity of Care Document](http://www.hl7.org/Library/General/HL7_CDA_R2_final.zip) |

##### 6.3.4.33.2 Specification

<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 0 -->

<templateId root='2.16.840.1.113883.10.20.1.25'/><!-- see text of section 0 -->

<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>

###### 6.3.4.33.2.1 <procedure classCode='PROC' moodCode='EVN|INT'>

This element is a procedure. The classCode shall be 'PROC'. The moodCode may be INT to indicate a planned procedure or EVN, to describe a procedure that has already occurred.

###### 6.3.4.33.2.2 <templateId root='1.3.6.1.4.1.19376.1.5.3.1.4.19'/>

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.

###### 6.3.4.33.2.3 <id root='' extension=''/>

This required element shall contain an identifier for the procedure. More than one procedure identifier may be present.

###### 6.3.4.33.2.4 <code code='' displayName='' codeSystem='' codeSystemName='' />

This element shall be present, and should contain a code describing the type of procedure.

###### 6.3.4.33.2.5 <text><reference value='#xxx'/></text>

The <text> element shall contain a reference to the narrative text describing the procedure.

###### 6.3.4.33.2.6 <statusCode code='completed|active|aborted|cancelled'/>

The <statusCode> 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'.

###### 6.3.4.33.2.7 <effectiveTime><low value=''/><high value=''/></effectiveTime>

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.

###### 6.3.4.33.2.8 <priorityCode code=''/>

This element shall be present in INT mood when effectiveTime is not provided, it may be present in other moods. It indicates the priority of the procedure.

###### 6.3.4.33.2.9 <approachSiteCode code='' displayName='' codeSystem='' codeSystemName=''/>

This element may be present to indicate the procedure approach.

###### 6.3.4.33.2.10 <targetSiteCode code='' displayName='' codeSystem='' codeSystemName=''/>

This element may be present to indicate the target site of the procedure.

###### 6.3.4.33.2.11 <entryRelationship typeCode='COMP' inversionInd='true'>

This element may be present to point the encounter in which the procedure was performed, and shall contain an internal reference to the encounter. See PCC TF-2: 6.3.4.10 Internal References for more details.

###### 6.3.4.33.2.12 <entryRelationship typeCode='RSON'>

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 (see PCC TF-2: 6.3.4.10 Internal References) 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.

Add Section 6.3.4.34

#### 6.3.4.34 Transport 1.3.6.1.4.1.19376.1.5.3.1.1.10.4.1

Defined in IHE PCC TF-2:6.3.4.34

Add Section 6.3.4.35

#### 6.3.4.35 Encounter Disposition 1.3.6.1.4.1.19376.1.5.3.1.1.10.4.2

This element records the intended or actual disposition for the patient (e.g., admit, discharge home after treatment, et cetera).

##### 6.3.4.35.1 Specification

<act classCode='ACT' moodCode='INT|EVN'>

<templateId root='1.3.6.1.4.1.19376.1.5.3.1.1.10.4.2'/>

<id root='' extension=''/>

<code code='' displayName='' codeSystem='' codeSystemName='' />

<text><reference value='#xxx'/></text>

<statusCode code='normal|completed'/>

<effectiveTime value=''/>

<performer typeCode='PRF'>

<assignedEntity>

<id root='' extension=''/>

<addr></addr>

<telecom value='' use=''/>

<assignedPerson>

<name></name>

</assignedPerson>

</assignedEntity>

</performer>

<participant typeCode='RCV'>

<time value=''/>

<participantRole classCode='ROL'>

<id root='' extension=''/>

<addr></addr>

<telecom value='' use=''/>

<playingEntity>

<name></name>

</playingEntity>

</participantRole>

</participant>

<entryRelationship typeCode='COMP'>

<act classCode='ACT'>

<templateId root='1.3.6.1.4.1.19376.1.5.3.1.1.10.4.1'/>

:

</act>

</entryRelationship>

</act>

###### 6.3.4.35.1.1 <act classCode='ACT' moodCode='INT|EVN'>

The disposition is recorded in an act element, to describe the disposition action taken during the encounter1 . In intent mood (moodCode='INT'), this records the expected disposition of the patient. In event mood (moodCode='EVN'), this records the actual disposition.

|  |  |
| --- | --- |
| **1** | The HL7 RIM allows this portion of the encounter to be recorded in the dischargeDispositionCode RIM Attribute of the Encounter class, but the Encounter class is constrained within CDA. To record the disposition act therefore requires the use of the Act class. |

###### 6.3.4.35.1.2 <templateId root='1.3.6.1.4.1.19376.1.5.3.1.1.10.4.2'/>

The templateId indicates that this <encounter> entry conforms to the constraints of this content module.

###### 6.3.4.35.1.3 <id root='' extension=''/>

This required element shall contain an identifier.

###### 6.3.4.35.1.4 <code code='' displayName='' codeSystem='' codeSystemName='' />

This required element indicates the disposition of the patient. The code shall come from a coding system that is able to record common patient dispositions (e.g., Discharged, Transferred, Admitted). The "Administrative Procedure" concept (14734007) of SNOMED CT contains several code values that cover a wide variety of dispositions routinely recorded. Other vocabularies that are commonly in use to describe discharge disposition codes are DEEDS (see section 8.02), and in the US, the Uniform National Billing Code.

###### 6.3.4.35.1.5 <text><reference value='#xxx'/></text>

The <text> element shall contain a reference to the narrative text describing the disposition of the patient. <statusCode code='normal|completed'/> When the disposition act has occurred (moodCode='EVN'), the statusCode element shall be present, and shall contain the value 'completed'. When the disposition act is intended (moodCode='EVN') the statusCode element shall contain the value 'normal'.

###### 6.3.4.35.1.6 <effectiveTime><low value=''/><high value=''/><effectiveTime/>

When the disposition has occurred, this element shall be sent, and indicates the effective time for the disposition process. This element may be sent to record when the disposition act is intended to occur. The <low> element records the time at which the disposition process was started. The <high> value records the time at which the disposition process was completed.

###### 6.3.4.35.1.7 <performer typeCode='PRF'>

The <performer> element provides information about the person that performs the discharge, admission or transfer of the patient. When the disposition is in intent mood, this element describes any expectations with respect to the performer, and is optional. When the disposition is in event mood, this element is required.

###### 6.3.4.35.1.8 <assignedEntity>

The <assignedEntity> element identifies the performer of the disposition.

###### 6.3.4.35.1.9 <id root='' extension=''/>

The <id> element shall be sent when the disposition has occurred, and identifies the performer of the act.

###### 6.3.4.35.1.10 <addr></addr>

The <addr> element may be sent to provide a contact postal address for the performer of the disposition.

###### 6.3.4.35.1.11 <telecom value='' use=''/>

The <telecom> element may be sent to provide a contact postal address for the performer of the disposition.

###### 6.3.4.35.1.12 <assignedPerson><name/></assignedPerson>

The <assignedPerson> element shall be sent to identify the person who performed the disposition of the patient.

###### 6.3.4.35.1.13 <participant typeCode='RCV'> <time value=''/> <participantRole classCode='ROL'> <id root='' extension=''/> <addr></addr> <telecom value='' use=''/> <playingEntity><name/></playingEntity>

This element identifies the person or organization that is receiving the patient. ===== <entryRelationship typeCode='COMP'>  
<act classCode='ACT'>  
<templateId root='1.3.6.1.4.1.19376.1.5.3.1.1.10.4.1'/> If the disposition of the patient requires transport to another location, this information shall be recorded in a subordinate act that conforms to the Transport template described above.

Add Section 6.3.4.36

#### 6.3.4.36 Reserved for Coverage Activity

Not yet defined in IHE PCC TF-2:6.3.4

Add Section 6.3.4.37

#### 6.3.4.37 Reserved for Payer Entry

Not yet defined in IHE PCC TF-2:6.3.4

Add Section 6.3.4.38

Section 6.3.4.38.4 updated by CP PCC 0209

#### 6.3.4.38 Pain Score Observation 1.3.6.1.4.1.19376.1.5.3.1.1.12.3.1

The pain score observation is a [Simple Observation](#_1.3.6.1.4.1.19376.1.5.3.1.4.13.htm) that records the patient's assessment of their pain on a scale from 0 to 10.

##### 6.3.4.38.1 Parent Template

The parent of this template is [Simple Observation](#_1.3.6.1.4.1.19376.1.5.3.1.4.13.htm).

##### 6.3.4.38.2 Specification

<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'/>

<id root=' ' extension=' '/>

<code code='38208‑5|38221‑8|38214‑3' codeSystem='2.16.840.1.113883.6.1' codeSystemName='LOINC'>

<translation code='406127006' displayName='Pain intensity'

codeSystem='2.16.840.1.113883.6.96' codeSystemName='SNOMED CT'/>

</code>

<text><reference value='#xxx'/></text>

<statusCode code='completed'/>

<effectiveTime value=' '/>

<repeatNumber value=' '/>

<value xsi:type='CO|REAL' />

<interpretationCode code= codeSystem='2.16.840.1.113883.6.96' codeSystemName='SNOMED CT'/>

~~<methodCode code=' ' codeSystem=' ' codeSystemName=' '/>~~

<targetSiteCode code=' ' codeSystem=' ' codeSystemName=' '/>

</observation>

##### 6.3.4.38.3 <templateId root='1.3.6.1.4.1.19376.1.5.3.1.4.13'/>

The <templateId> identifies this as a Pain Score Observation, and shall be present as shown above.

##### 6.3.4.38.4 <code code='38208 5' codeSystem='2.16.840.1.113883.6.1' codeSystemName='LOINC'> <translation code='406127006' displayName='Pain intensity' codeSystem='2.16.840.1.113883.6.96' codeSystemName='SNOMED CT'/>

The <code> element indicates what kind of pain observation was made. It shall contain the code and codeSystem attribute values shown above. The <translation> element may be present, and provides a mapping to SNOMED CT of the observation. If present, shall have the code and codeSystem attribute values shown above. 38208-5 is used for example purposes. Any of the following codes can be used 38208-5|38221-8|38214-3

| Code | Data Type | Description |
| --- | --- | --- |
| 38208‑5 | CO | A Pain Score made using the Numerical Rating Scale (NRS), where pain is assessed on a scale from 0 to 10. -->>The code system to use for this observation<<-- |

##### 6.3.4.38.5 <value xsi:type='CO' value=' ' />

The <value> element records the assessed pain score. If using the NRS the pain is assessed using coded ordinal values that range from 0 to 10. The use of the coded ordinal type is required because while pain assessments are ordered values, and can be compared, the differences between two pain assessment values cannot be compared, and so these values are not really numbers.

Null flavors may be used when clinical values are not present or available. The applicable null flavors SHALL be from the following subset of the HL7 v3 value set:

* UNK – Unknown
* NI – No Information
* NA – Not applicable
* OTH – Other
* NASK – Not asked
* ASKU – asked but unknown
* MSK – Masked
* NAV - Temp unavailable

##### 6.3.4.38.6<interpretationCode code='301379001|40196000|76948002|67849003' codeSystem='2.16.840.1.113883.6.96' codeSystemName='SNOMED CT'/>

The <interpretationCode> element should be present to provide an interpretation of the pain scale assessment using SNOMED CT. When the <interpretationCode> element is present, the <translation> element described above shall be present. These interpretations are provided to assist decision support systems that are making secondary use of the assessment information, and are not intended to replace the score values.

| Pain Score Range | Code | Description |
| --- | --- | --- |
| 0 | 301379001 | No Present Pain |
| 1-3 | 40196000 | Mild Pain |
| 4-6 | 50415004 | Moderate Pain |
| 7-9 | 76948002 | Severe Pain |
| 10 | 67849003 | Excruciating Pain |

##### 6.3.4.38.7 ~~<methodCode code=' ' codeSystem=' ' codeSystemName=' '/>~~

The <methodCode> should not be present in a Pain Score Observation, as the method is implied by the <code> element.

##### 6.3.4.38.8 <targetSiteCode code=' ' codeSystem=' ' codeSystemName=' '/>

The <targetSiteCode> element should be present, and shall indicate the location of the pain being assessed.

Add Section 6.3.4.39

#### 6.3.4.39 Braden Score Observation 1.3.6.1.4.1.19376.1.5.3.1.1.12.3.2

Add Section 6.3.4.40

#### 6.3.4.40 Braden Score Component 1.3.6.1.4.1.19376.1.5.3.1.1.12.3.3

Add Section 6.3.4.41

#### 6.3.4.41 Geriatric Depression Score Observation 1.3.6.1.4.1.19376.1.5.3.1.1.12.3.4

Add Section 6.3.4.42

#### 6.3.4.42 Geriatric Depression Score Component 1.3.6.1.4.1.19376.1.5.3.1.1.12.3.5

Add Section 6.3.4.43

#### 6.3.4.43 Survey Panel 1.3.6.1.4.1.19376.1.5.3.1.1.12.3.7

A survey panel collects related survey observations.

##### Parent Template

This template is compatible with the ASTM/HL7 Continuity of Care Document template: 2.16.840.1.113883.10.20.1.32

##### Uses

See [Templates using Survey Panel](http://wiki.ihe.net/index.php?title=Category:Templates_using_1.3.6.1.4.1.19376.1.5.3.1.1.12.3.7).

##### Specification

|  |
| --- |
| <organizer classCode='CLUSTER' moodCode='EVN'>  <templateId root='2.16.840.1.113883.10.20.1.32'/>  <templateId root='1.3.6.1.4.1.19376.1.5.3.1.1.12.3.7'/>  <id root='' extension=''/>  <code code=' ' displayName=' '  codeSystem=' ' codeSystemName=' '/>  <statusCode code='completed'/>  <effectiveTime value=''/>  <!-- one or more survey observations -->  <component typeCode='COMP'>  <observation classCode='OBS' moodCode='EVN'>  <templateId root='1.3.6.1.4.1.19376.1.5.3.1.1.12.3.6'/>   :  </observation>  </component>  </organizer> |

###### <organizer classCode='CLUSTER' moodCode='EVN'>

The survey panel is a cluster of related survey observations.

###### <templateId root='2.16.840.1.113883.10.20.1.32'/>   <templateId root='1.3.6.1.4.1.19376.1.5.3.1.1.12.3.7'/>

The survey panel shall have the <templateId> elements shown above to indicate that it inherits constraints from the ASTM/HL7 CCD Specification for results organizers, and the constraints of this specification.

###### <id root=' ' extension=' '/>

The organizer shall have an <id> element.

###### <code code=' ' displayName=' '    codeSystem=' '    codeSystemName=' '/>

The <code> element shall be present, and identifies the survey panel.

###### <statusCode code='completed'/>

The observations have all been completed.

###### <effectiveTime value=' '/>

The effective time element shall be present to indicate when the survey panel was taken.

###### <!-- one or more survey observations -->   <component typeCode='COMP'>

The organizer shall have one or more <component> elements that are <observation> elements using the [Survey Observation](http://wiki.ihe.net/index.php?title=1.3.6.1.4.1.19376.1.5.3.1.1.12.3.6) template.

Add Section 6.3.4.44

#### 6.3.4.44 Survey Observation 1.3.6.1.4.1.19376.1.5.3.1.1.12.3.6

Survey observations are used to record responses to assessment instruments. They are simple observations conforming to the CCD Result template. The vocabulary and data type constraints on survey observations is specified elsewhere, either in the specializations of the survey observation template, or by the template that makes use of it.

##### 6.3.4.44.1 Parent Template

The parent of this template is [Simple Observation](http://wiki.ihe.net/index.php?title=1.3.6.1.4.1.19376.1.5.3.1.4.13). This template is compatible with the ASTM/HL7 Continuity of Care Document template: 2.16.840.1.113883.10.20.1.31

##### 6.3.4.44.2 Uses

See [Templates using Survey Observation](http://wiki.ihe.net/index.php?title=Category:Templates_using_1.3.6.1.4.1.19376.1.5.3.1.1.12.3.6).

##### 6.3.4.44.3 Specification

|  |
| --- |
| <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='1.3.6.1.4.1.19376.1.5.3.1.1.12.3.6'/>  <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='CO|CD|INT|PQ' />  <interpretationCode code=' ' codeSystem=' ' codeSystemName=' '/>  ~~<methodCode code=' ' codeSystem=' ' codeSystemName=' '/>~~  ~~<targetSiteCode code=' ' codeSystem=' ' codeSystemName=' '/>~~  </observation> |

###### <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='1.3.6.1.4.1.19376.1.5.3.1.1.12.3.6'/>

A survey observation shall have the <templateId> elements shown above to indicate that it inherits constraints from the ASTM/HL7 CCD Specification for results, and the constraints of this specification.

###### <code code=' ' codeSystem='2.16.840.1.113883.6.1' codeSystemName='LOINC'/>

A survey observation entry shall contain a code identifying the observation made.

###### <value xsi:type='CO|CD|INT|PQ' .../>

The <value> element shall be present, and shall be of the appropriate data type specified for the observation.

###### <interpretationCode code=' ' codeSystem=' ' codeSystemName=' '/>

An interpretation code may be present to provide an interpretation of the observation.

###### <methodCode code=' ' codeSystem=' ' codeSystemName=' '/> <targetSiteCode code=' ' codeSystem=' ' codeSystemName=' '/>

The <methodCode> and <targetSiteCode> element shall not be present, as these are not relevant to survey responses.

Add Section 6.3.4.45

#### 6.3.4.45 Acuity 1.3.6.1.4.1.19376.1.5.3.1.1.13.3.1

An acuity entry indicates the triage acuity entry and the triage time of the patient.

##### 6.3.4.45.1 Specification

<entry>

<!-- Acuity Event -->

<observation classCode='OBS' moodCode='EVN'>

<templateId root='1.3.6.1.4.1.19376.1.5.3.1.1.13.3.1'/>

<id root='' extension=''/>

<code code='' displayName=''

<code code='273887006' displayName='Triage index'

codeSystem='2.16.840.1.113883.6.96'

codeSystemName='SNOMED CT'/> <!-- Triage index (assessment scale) FullySpecifiedName -->

<originalText><reference value='#(ID of text coded)/></orginalText>

</code>

<text><reference value='#text/></text>

<!-- effectiveTime

<effectiveTime>

<low value=''/> <!-- start of triage, may be sent -->

<high value=''/><!-- end of triage should be sent -->

</effectiveTime>

</observation>

</entry>

###### 6.3.4.45.1.1 <observation classCode='OBS' moodCode='EVN'>

This element indicates that the entry is an observation regarding the event of triage assessment. This entry records the observation and the time of the observation.

###### 6.3.4.45.1.2 <templateId root='1.3.6.1.4.1.19376.1.5.3.1.1.13.3.1'/>

The <templateId> element identifies this <act> as about Acuity Assessment of the patient. The templateId must have root='1.3.6.1.4.1.19376.1.5.3.1.1.13.3.1'.

###### 6.3.4.45.1.3 <id root='' extension=''/>

The entry must have an identifier.

###### 6.3.4.45.1.4 <code code='' displayName='' codeSystem='2.16.840.1.113883.6.96' codeSystemName='SNOMED CT'>

The code describes the triage acuity scale. IHE recommends the use the Emergency Severity Index (ESI). However, the vocabulary used within an affinity domain may be determined by a policy agreement within the domain.

###### 6.3.4.45.1.5 <originalText><reference value='#xxx'/><orginalText>

This is a reference to the narrative text within the section that describes the acuity description.

###### 6.3.4.45.1.6 <text><reference value='#text/></text>

This is a reference to the narrative text corresponding to the Observation act.

###### 6.3.4.45.1.7 <effectiveTime>

The effectiveTime element shall be sent. It records the interval of time over which triage occurs. The use case for this information requires that the ending time of triage be recorded. However, the <low value=''> element may be sent by systems that capture the beginning and end of the triage process.

###### 6.3.4.45.1.8 <high value=''/>

This element records the time of completion of triage, and is required. If unknown, it must be recorded using a flavor of null. This element may be sent using the TS data type, as shown above. If there is uncertainty about the time of completion of triage, the sender may record the time using the IVL\_TS data type, as shown below.

<high xsi:type='IVL\_TS'>

<low value=''/>

<high value=''/>

</high>

Add Section 6.3.4.46

#### 6.3.4.46 Intravenous Fluids 1.3.6.1.4.1.19376.1.5.3.1.1.13.3.2

This content module describes the general structure for intravenous fluids. All intravenous fluid administration acts should be derived from this content module.

##### 6.3.4.46.1 Specification

<substanceAdministration classCode='SBADM' moodCode='INT|EVN'>

<templateId root='2.16.840.1.113883.10.20.1.24'/>

<templateId root='1.3.6.1.4.1.19376.1.5.3.1.4.7'/>

<templateId root='1.3.6.1.4.1.19376.1.5.3.1.4.7.1'/>

<templateId root='1.3.6.1.4.1.19376.1.5.3.1.1.13.3.2'/>

<id root='' extension=''/>

<code code='' codeSystem='' displayName='' codeSystemName=''/>

<text><reference value='#med-1'/></text>

<statusCode code='completed|active'/>

<effectiveTime xsi:type='IVL\_TS'>

<low value=''/>

<high value=''/>

</effectiveTime>

<effectiveTime operator='A' xsi:type='TS|PIVL\_TS|EIVL\_TS|PIVL\_PPD\_TS|SXPR\_TS'>

:

</effectiveTime>

<routeCode code='' codeSystem='' displayName='' codeSystemName=''/>

<doseQuantity value='' unit=''/>

<approachSiteCode code='' codeSystem='' displayName='' codeSystemName=''/>

<rateQuantity value='' unit=''/>

<consumable>

:

.

</consumable>

<!-- 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>

<!-- 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>

<precondition>

<criterion>

<text><reference value=''/></text>

</criterion>

</precondition>

</substanceAdministration>

This content module is derived from the Medication content module to specifically and more easily describe the necessary details of intravenous fluid administration. For the purpose of EDER and other profiles employing this content module, the table below identifies and describes the fields and 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.

###### 6.3.4.46.1.1 Medication Fields

| Field | Opt. | CDA Tag | Description |
| --- | --- | --- | --- |
| Start and Stop Date | R2 | <effectiveTime> | The date and time when the fluid 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 fluid has been known to be stopped, the high value must be present, but expressed as a flavor of null (e.g., Unknown). |
| Dose | R2 | <doseQuantity> | The amount of fluid given. This should be in some known and measurable fluid unit, such as milliliters, or may be measured in "administration" units (such "units" of blood or "packs" of platelets). |
| Site | O | <approachSiteCode> | The site where the fluid is administered (i.e., "Left Antecubital", or "Central Line"). |
| Rate | R2 | <rateQuantity> | The rate is a measurement of how fast the fluid is given to the patient over time (e.g., .5 liter / 1 hr). |
| Product | R | <consumable> <name> </consumable> | The name of the substance or product. This should be sufficient for a provider to identify the type of fluid. It may be a trade name (Plasmalyte®)or a generic name. This information is required in all fluid entries. The name should not include packaging, strength or dosing information. |
| Code | R2 | <consumable> <code/> </consumable> | A code describing the product from a controlled vocabulary, such as RxNorm, First DataBank, et cetera. |

###### 6.3.4.46.1.2 <substanceAdministration classCode='SBADM' moodCode='INT|EVN'>

The general model is to record each fluid administered in a <substanceAdministration> intent (moodCode='INT'). Fluids that have been started but not completely administered should be recorded in a <substanceAdministration> intent (moodCode='INT'). Fluids that have been completed should be recorded as an event (moodCode='EVN').

###### 6.3.4.46.1.3 <templateId root='2.16.840.1.113883.10.20.1.24'/> <templateId root='1.3.6.1.4.1.19376.1.5.3.1.4.7'/> <templateId root='1.3.6.1.4.1.19376.1.5.3.1.4.7.1' />

All intravenous fluid entries use the <templateId> elements specified above to indicate that they are IV fluid administration acts. This element is required.

###### 6.3.4.46.1.4 <id root='' extension=''/>

The <substanceAdministration> element must be uniquely identified. If there is no explicit identifier for this observation in the source EMR system, a GUID may be used for the root attribute, and the extension may be omitted. Although HL7 allows for multiple identifiers, this Technical Framework profile requires that one and only one be used.

###### 6.3.4.46.1.5 <code code='' displayName='' codeSystem='' codeSystemName=''>

The <code> element is required, and is used to supply a code that describes the act of fluid administration, not the fluid being administered. This may be a procedure code, such as those found in CPT-4 (and often used for billing), or may describe the method of administration, such as by intravenous injection.

###### 6.3.4.46.1.6 <text><reference value=''/></text>

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 fluid administration.

###### 6.3.4.46.1.7 <statusCode code='completed|active'/>

The status of all <substanceAdministration> elements must be "completed" or "active". If "completed", then the administration has occurred, or the request or order has been placed. If "active", then at the time recorded, the fluid was still being administered.

###### 6.3.4.1.46.8 <effectiveTime xsi:type='IVL\_TS'>

The first <effectiveTime> element encodes the start and stop time of the administration. 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 Technical Framework profile, and simplifies the exchange of start/stop and frequency information between EMR systems.

###### 6.3.4.46.1.9 <low value=''/><high value=''/>

The <low> and <high> values of the first <effectiveTime> element represent the start and stop times for the fluid administration. 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. The <high> value records the end of the fluid administration according to the information provided in the initial fluid order or RN documentation. For example, if the fluid order is for one liter, and the fluid is to be delivered at 250 mL/hr, then the high value should contain a datetime that is 4 hours later then the <low> value. The rationale is that a provider, seeing a discontinued fluid could normally assume that the fluid has been stopped, even if the intent of the treatment plan is to continue the fluid continuously.

###### 6.3.4.46.1.10 <approachSiteCode code='' codeSystem=''> originalText><reference value=''/></originalText> </approachSiteCode>

The <approachSiteCode> element contains a URI in the value attribute of the <reference> that points to the text in the narrative identifying the site. It may be coded to a controlled vocabulary that lists such sites (e.g., SNOMED-CT).

###### 6.3.4.46.1.11 <doseQuantity><low value='' unit=''/><high value='' unit=''/> </doseQuantity>

The dose is specified if the <doseQuantity> element. If a dose range is given (e.g., 125-250 mL/hr [i.e., to replace fluid losses]), then the <low> and <high> bounds are specified in their respective elements, otherwise both <low> and <high> have the same value. The unit attribute should be derived from the HL7 UnitsOfMeasureCaseSensitive vocabulary .

###### 6.3.4.46.1.12 <low|high value=''> <translation> <originalText><reference value=''/></originalText> </translation></low|high >

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 .

###### 6.3.4.46.1.13 <rateQuantity><low value='' unit=''/><high value='' unit=''/></rateQuantity>

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) (i.e., mL/hr).

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.

###### 6.3.4.46.1.14 <consumable>

The <consumable> element shall be present, and shall contain a <manufacturedProduct> entry conforming to the Product Entry template (see PCC TF-2: 6.3.4.19).

Add Section 6.3.4.47

#### 6.3.4.47 Nursing Assessments Battery 1.3.6.1.4.1.19376.1.5.3.1.1.13.3.4

This entry describes a single row in the Nursing Assessment flowsheet. The single observation date/time and provider is applied to all other observations.

##### 6.3.4.47.1 Specification

<entry>

<organizer classCode='BATTERY' moodCode='EVN'>

<templateId root='1.3.6.1.4.1.19376.1.5.3.1.1.13.3.4'/>

<id root=' ' extension=' '/>

<code code='XX-ASSESS' displayName='Nursing Assessments Battery'

codeSystem='2.16.840.1.113883.6.1' codeSystemName='LOINC'/>

<statusCode code='completed'/>

<author>

<time value=' '/>

<assignedAuthor>

<id root=' ' extension=' '/>

</assignedAuthor>

</author>

<component>

<observation classCode='OBS' moodCode='EVN'>

<templateId root='1.3.6.1.4.1.19376.1.5.3.1.4.13'/>

:

</observation>

</component>

<component>

<observation classCode='OBS' moodCode='EVN'>

<templateId root='1.3.6.1.4.1.19376.1.5.3.1.4.13'/>

:

</observation>

</component>

:

</organizer>

</entry>

###### 6.3.4.47.1.1 <templateId root='1.3.6.1.4.1.19376.1.5.3.1.1.13.3.4'/>

The <templateId> element specifies that this organizer entry conforms to the Nursing Interventions battery. The root attribute SHALL contain the value "1.3.6.1.4.1.19376.1.5.3.1.1.13.3.4"

###### 6.3.4.47.1.2 <organizer classCode='BATTERY' moodCode='EVN'>

Each row in the Nursing Interventions battery SHALL be represented by an organizer with the classCode of 'BATTERY' and the moodCode of 'EVN'

###### 6.3.4.47.1.3 <id root=' ' extension=' '/>

Each battery SHALL have a globally unique identifier.

###### 6.3.4.47.1.4 <code code='X-ASSESS' codeSystem='2.16.840.1.113883.6.1'/>

The <code> element specifies the LOINC code that represents the content of the battery. The codeSystem attribute SHALL contain the value '2.16.840.1.113883.6.1'. The code attribute SHALL contain the value='X-ASSESS'. It is good practice to include displayName and codeSystemName for clarity and debugging. The corresponding values are 'Nursing Assessments battery' and 'LOINC' respectively.

###### 6.3.4.47.1.5 <author/><time/><assignedAuthor><id/></assignedAuthor></author>

The <author> relation element points at the author that records the visit battery. This assignedAuthor may be different than the author of the document. The time element is used to record when the assigned author recorded the battery.

###### 6.3.4.47.1.6 <statusCode code='completed'/>

The status code for all batteries SHALL be 'completed'

###### 6.3.4.47.1.7 <component>

The battery is made of several component Simple Observations (see PCC TF-2: 6.3.4.20). The following table lists the allowable LOINC codes, displayNames, and observation types, and unit of measures for these observations.

|  |  |  |  |
| --- | --- | --- | --- |
| LOINC Code | displayName | xsi:type | value set |
| 9269-2 | GLASGOW COMA CORE.TOTAL | CO | 3..15 |
| 9268-4 | GLASGOW COMA SCORE.MOTOR | CO | 1..6 |
| 11454-6 | LEVEL OF RESPONSIVENESS | CO | ALERT VERBAL RESPONSE PAINFUL RESPONSE UNRESPONSIVE |
| 38208-5 | PAIN SEVERITY | CO | 0-10 |
| 48767-8 | (COMMENT FIELD) | ED |  |

Add Section 6.3.4.48

#### 6.3.4.48 Antenatal Testing and Surveillance Battery 1.3.6.1.4.1.19376.1.5.3.1.1.21.3.10

This entry describes a single row in the Antenatal Testing and Surveillance Section. The single observation date/time and provider is applied to all other observations.

##### 6.3.4.48.1 Specification

<entry>

<organizer classCode='BATTERY' moodCode='EVN'>

<templateId root='1.3.6.1.4.1.19376.1.5.3.1.1.21.3.10'/>

<id root=' ' extension=' '/>

<code code='XX-ANTENATALTESTINGBATTERY' displayName='ANTENATAL TESTING AND SURVEILLANCE BATTERY'

codeSystem='2.16.840.1.113883.6.1' codeSystemName='LOINC'/>

<statusCode code='completed'/>

<author>

<time value=' '/>

<assignedAuthor>

<id root=' ' extension=' '/>

</assignedAuthor>

</author>

<component>

<observation classCode='OBS' moodCode='EVN'>

<templateId root='1.3.6.1.4.1.19376.1.5.3.1.4.13'/>

:

</observation>

</component>

<component>

<observation classCode='OBS' moodCode='EVN'>

<templateId root='1.3.6.1.4.1.19376.1.5.3.1.4.13'/>

:

</observation>

</component>

:

</organizer>

</entry>

###### 6.3.4.48.1.1 <templateId root='1.3.6.1.4.1.19376.1.5.3.1.1.21.3.10'/>

The <templateId> element specifies that this organizer entry conforms to the Antenatal Testing and Surveillance Battery. The root attribute SHALL contain the value "1.3.6.1.4.1.19376.1.5.3.1.1.21.3.10"

###### 6.3.4.48.1.2 <organizer classCode='BATTERY' moodCode='EVN'>

Each row in the Antenatal Testing and Surveillance Battery SHALL be represented by an organizer with the classCode of 'BATTERY' and the moodCode of 'EVN'

###### 6.3.4.48.1.3 <id root=' ' extension=' '/>

Each battery SHALL have a globally unique identifier.

###### 6.3.4.48.1.4 <code code='XX- XX-ANTENATALTESTINGBATTERY' codeSystem='2.16.840.1.113883.6.1'/>

The <code> element specifies the LOINC code that represents the content of the battery. The codeSystem attribute SHALL contain the value '2.16.840.1.113883.6.1'. The code attribute SHALL contain the value='XX-ANTENATALTESTINGBATTERY'. It is good practice to include displayName and codeSystemName for clarity and debugging. The corresponding values are 'ANTENATAL TESTING AND SURVEILLANCE BATTERY' and 'LOINC' respectively.

###### 6.3.4.48.1.5 <author/><time/><assignedAuthor><id/></assignedAuthor></author>

The <author> relation element points at the author that records the visit battery. This assignedAuthor may be different than the author of the document. The time element is used to record when the assigned author recorded the battery.

###### 6.3.4.48.1.6 <statusCode code='completed'/>

The status code for all batteries SHALL be 'completed'

###### 6.3.4.48.1.7 <component>

The battery is made of several component Simple Observations (see PCC TF-2: 6.3.4.20). The following table lists the allowable LOINC codes, displayNames, and observation types, and unit of measures for these observations.

|  |  |  |
| --- | --- | --- |
| LOINC Code | displayName | xsi:type |
| 11630-1 | Biophysical profile.amniotic fluid volume | ED |
| 11631-9 | Biophysical profile.body movement | ED |
| 11632-7 | Biophysical profile.breathing movement | ED |
| 11633-5 | Biophysical profile.heart rate reactivity | ED |
| 11635-0 | Biophysical profile.tone | ED |
| 11634-3 | Biophysical profile.sum | ED |
| **35096-7** | **Ultrasound morphologic** | **ED** |
| **49086-2** | **Nuchal translucency screening** | **ED** |
| **51659-1** | **Hbs1 Antigen** | **ED** |

Add Section 6.3.4.49

#### 6.3.4.49 Immunization Recommendation

Defined in IHE PCC TF-2:6.3.4

Add Section 6.3.4.50

#### 6.3.4.50 Alert Entry

Defined in IHE PCC TF-2:6.3.4

Add Section 6.3.4.51

#### 6.3.4.51 Antigen Dose

Defined in IHE PCC TF-2:6.3.4

Add Section 6.3.4.52 (Occupation Observation – removed 2011-09 at the request of QRPH)

#### 6.3.4.52 Intentionally blank

Add Section 6.3.4.53 (Industry Observation removed 2011-09 at the request of QRPH)

#### 6.3.4.53 Intentionally blank

Add Section 6.3.4.54

#### 6.3.4.54 Observation Request 1.3.6.1.4.1.19376.1.5.3.1.1.20.3.1

The observation request entry is used to record goals, plans or intention for an observation to be performed (e.g., assessment, laboratory test, imaging study, et cetera).

##### Uses

See Templates using Observation Request.

##### Specification

<observation classCode='OBS' moodCode='INT|PRP|GOL'>

<templateId root='1.3.6.1.4.1.19376.1.5.3.1.1.20.3.1'/>

<templateId root=''2.16.840.1.113883.10.20.1.25'/>

<id root='' extension=''/>

<code code='' displayName='' codeSystem='' codeSystemName=''/>

<!-- for CDA -->

<text><reference value='#xxx'/></text>

<!-- For HL7 Version 3 Messages

<text>text</text>

-->

<statusCode code='active'/>

<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 ... /></assignedAuthor> <!-- for CDA -->

<!-- For HL7 Version 3 Messages

<assignedEntity typeCode='ASSIGNED'>

<Person classCode='PSN'>

<determinerCode root=''>

<name>…</name>

</Person>

<assignedEntity>

-->

</author>

</observation>

Figure 6.3.4.54.2-1: Observation Request Example

###### 6.3.4.54.2.1 <observation classCode='OBS' moodCode='INT|PRP|GOL'>

These acts are observations that form the care plan or which can be used in decision support. In intent mood (moodCode='INT') these are what is intended to be performed as part of the care plan. In proposal mood (moodCode='PRP'), these observations are being proposed, for example, as the output of a clinical decision support system. In goal mood (moodCode='GOL'), these observations described the intended goal of a treatment plan.

###### 6.3.4.54.2.2 <templateId root='1.3.6.1.4.1.19376.1.5.3.1.1.20.3.1'/>

The <templateId> element identifies this <observation> as an observation request, allowing for validation of the content. The templateId must appear as shown above.

###### 6.3.4.54.2.3 <templateId root=2.16.840.1.113883.10.20.1.25'/>

The IHE Observation Request template conforms to the Plan of care activity defined by the HL7 Continuity of Care Document. This template id must be present to indicate conformance.

###### 6.3.4.54.2.4 <id root=' ' extension=' '/>

Each observation shall have an identifier.

###### 6.3.4.54.2.5 <code code=' ' displayName=' ' codeSystem=' ' codeSystemName=' '/>

Observations shall have a code describing what is to be measured. The code system used is determined by the vocabulary constraints on the types of measurements that might be recorded in a section. Modules that are derived from this one may restrict the code system and code values used for the observation.

###### 6.3.4.54.2.6 <text><reference value='#xxx'/></text> -OR- <text>text</text>

Each observation request 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 Observation Requests, 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.

###### 6.3.4.54.2.7 <statusCode code='active'/>

The <statusCode> element shall be present and shall describe the current state of the observation. Goals, intents and proposals that are available for action shall have an 'active' status, but other status values are permitted.

###### 6.3.4.54.2.8 <effectiveTime value=' '/>

The <effectiveTime> element shall be present in observation requests to indicate the date and time when the measurement should be taken.

###### 6.3.4.54.2.9 <value xsi:type=' ' …/>

The value of the observation may be recorded using a data type appropriate to the observation to indicate the desired value (e.g., in GOL or PRP mood).

###### 6.3.4.54.2.10 <methodCode code=' ' codeSystem=' ' codeSystemName=' '/>

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.

###### 6.3.4.54.2.11 <targetSiteCode code=' ' codeSystem=' ' codeSystemName=' '/>

The targetSiteCode may be used to record the target site where the observation should be made when this information is not already pre-coordinated with the observation code.

###### 6.3.4.54.2.12 <author><assignedAuthor classCode='ASSIGNED'>...<assignedAuthor></author>

In CDA uses, the observation request is assumed to be authored by the same author as the document through context conduction. However, observation requests would often be used to record orders, and in these cases, the author of the order shall be recorded in the author element.

For HL7 Version 3 purposes, the <author> element SHOULD be present unless it can be determined by conduction from organizers or higher level structures. When used for HL7 Version 3 the role element name is <assignedEntity> and the author is represented as <assignedPerson> element.

Add Section 6.3.4.55 (Added 2011-09 from QRPH EHCP Profile)

#### 6.3.4.55 Risk Indicators for Hearing Loss Entry 1.3.6.1.4.1.19376.1.7.3.1.1.15.5.1

This entry describes the Risk Indicators for Hearing Loss.

##### 6.3.4.55.1 Specification

<entry>

<organizer classCode='BATTERY' moodCode='EVN'>

<templateId root='1.3.6.1.4.1.19376.1.7.3.1.1.15.5.1'/>

<id root=' ' extension=' '/>

<code code='58232-0’ displayName='Hearing Loss Risk Indicators'

codeSystem='2.16.840.1.113883.6.1' codeSystemName='LOINC'/>

<statusCode code='completed'/>

<author>

<time value=' '/>

<assignedAuthor>

<id root=' ' extension=' '/>

</assignedAuthor>

</author>

<component>

<observation classCode='OBS' moodCode='EVN'>

<templateId root='1.3.6.1.4.1.19376.1.5.3.1.4.13'/>

 :

</observation>

</component>

<component>

<observation classCode='OBS' moodCode='EVN'>

<templateId root='1.3.6.1.4.1.19376.1.5.3.1.4.13'/>

 :

</observation>

</component>

 :

</organizer>

</entry>

Figure 6.3.4.55.1-1: Sample Risk Indicators for Hearing Loss Entry

##### 6.3.4.55.2 <templateId root='1.3.6.1.4.1.19376.1.7.3.1.1.15.5.1'/>

The <templateId> element specifies that this organizer entry conforms to the Nursing Interventions battery. The root attribute SHALL contain the value "'1.3.6.1.4.1.19376.1.7.3.1.1.15.5.1”

##### 6.3.4.55.3 <organizer classCode='BATTERY' moodCode='EVN'>

Each row in the Nursing Interventions battery SHALL be represented by an organizer with the classCode of 'BATTERY' and the moodCode of 'EVN'

##### 6.3.4.55.4 <id root=' ' extension=' '/>

Each battery SHALL have a globally unique identifier.

##### 6.3.4.55.5 <code code=’58232-0’ codeSystem='2.16.840.1.113883.6.1'/>

The <code> element specifies the LOINC® code that represents the content of the battery. The codeSystem attribute SHALL contain the value '2.16.840.1.113883.6.1'. The code attribute SHALL contain the value='58232-0’. It is good practice to include displayName and codeSystemName for clarity and debugging. The corresponding values are 'Hearing Loss Risk Indicators’ and 'LOINC®' respectively.

##### 6.3.4.55.6 <author/><time/><assignedAuthor><id/></assignedAuthor></author>

The <author> relation element points at the author that records the visit battery. This assignedAuthor MAY be different than the author of the document. The time element is used to record when the assigned author recorded the battery.

##### 6.3.4.55.7 <statusCode code='completed'/>

The status code for all batteries SHALL be 'completed'

##### 6.4.4.55.8 <component>

The battery is made of several component Simple Observations. The observation values SHALL be constrained to those coded values and descriptions described by the JCIH-EHDI Risk Indicators for Hearing Loss (LOINC®) Value Set (1.3.6.1.4.1.19376.1.7.3.1.1.15.2.24).

Add Section 6.3.4.56. (Added 2011-09 from QRPH PRPH-Ca Profile.)

#### 6.3.4.56 Cancer Diagnosis Entry 1.3.6.1.4.1.19376.1.7.3.1.4.14.1

A Cancer Diagnosis entry collects details of the patient’s cancer diagnosis, including histology, behavior, primary site, laterality, diagnosis date, TNM Stage, and Best Method of Confirmation.

##### 6.3.4.56.1 Parent Template

The parent of this temp**l**ate is Problem Concern Entry (1.3.6.1.4.1.19376.1.5.3.1.4.5.2).

##### 6.3.4.56.2 Specification

<section>

<templateId root="2.16.840.1.113883.10.20.1.11"/>

<templateId root="1.3.6.1.4.1.19376.1.5.3.1.3.6"/> <templateId root="1.3.6.1.4.1.19376.1.7.3.1.3.14.1"/>

<title>"Cancer Diagnosis"</title>

<text>"Malignant melanoma of the left leg, Stage 1"</text>

<entry>

<act classCode='ACT' moodCode='EVN'>

<templateId root='2.16.840.1.113883.10.20.1.27'/>

<templateId root='1.3.6.1.4.1.19376.1.5.3.1.4.5.2'/>

<code nullFlavor='NA'/>

<statusCode code='active'/>

<effectiveTime>

<low value='20110101'/>

<high nullFlavor="NA" />

</effectiveTime>

<entryRelationship typeCode="SUBJ" inversionInd="false" >

<observation classCode='OBS' moodCode='EVN' negationInd="false">

<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="1.3.6.1.4.1.19376.1.7.3.1.4.14.1"/>

<code code="282291009" codeSystem="2.16.840.1.113883.6.96" codeSystemName="SNOMED CT" displayName="Diagnosis"/>

<text><reference value="" ></reference></text>

<statusCode code="completed"/>

<effectiveTime>

<low value="20110101"/>

<high nullFlavor="NI"/>

</effectiveTime>

<!--The <value> is the condition that was found.-->

<value xsi:type="CD" code="8742" codeSystem="2.16.840.1.113883.3.520.3.2" codeSystemName="NAACCR Histologic Type" displayName="Lentigo Maligna" >

<!--Behavior Qualifier-->

<qualifier>

<name code="31206-6" codeSystem="2.16.840.1.113883.6.1" codeSystemName="LOINC" displayName="Behavior ICD-O-3"/>

<value code="2" codeSystem="2.16.840.1.113883.3.520.3.14" codeSystemName="NAACCR Behavior Code" displayName="In Situ"/>

</qualifier>

<qualifier>

<!--Best Method of Diagnosis Qualifier-->

<name code="21861-0" codeSystem="2.16.840.1.113883.6.1" codeSystemName="LOINC" displayName="Diagnostic Confirmation"/>

<value xsi:type="CD" code="2" codeSystem="2.16.840.1.113883.3.520.3.3" codeSystemName="NAACCR Diagnostic Confirmation" displayName="Positive cytology, no positive histology"/>

</qualifier>

</value>

<!--Primary Site -->

<targetSiteCode code="C447" codeSystem="2.16.840.1.113883.6.43.1" codeSystemName="ICD-O-3 (Topography Section)" displayName="Leg">

<!--Laterality-->

<qualifier>

<name code="20228-3" codeSystem="2.16.840.1.113883.6.1" codeSystemName="LOINC" displayName="Anatomic part Laterality"/>

<value code="1" codeSystem="2.16.840.1.113883.3.520.3.1" codeSystemName="NAACCR Laterality at Diagnosis" displayName="origin of primary: right"/>

</qualifier>

</targetSiteCode>

<entryRelationship typeCode="SUBJ" inversionInd="true">

<!--TNM Stage Information-->

<observation classCode="OBS" moodCode="EVN">

<templateId root="1.3.6.1.4.1.19376.1.7.3.1.4.14.2"/>

<code code="21908-9" displayName="TNM Clinical Stage Group" codeSystem="2.16.840.1.113883.6.1" codeSystemName="LOINC"/>

<!-- Narrative TNM Clinical Stage -->

<text> Stage 0 TisN0M0 </text>

<statusCode code="completed"/>

<value xsi:type="CD" code="0" codeSystem="2.16.840.1.113883.3.520.3.9" codeSystemName="NAACCR TNM Clinical Stage Group" displayName="In Situ">

<qualifier>

<!--TNM Clinical Stage Descriptor Observation -->

<name code="21909-7" displayName="TNM Clinical Stage Descriptor" codeSystem="2.16.840.1.113883.6.1" codeSystemName="LOINC"/>

<value xsi:type="CD" code="0" codeSystem="2.16.840.1.113883.3.520.3.10" codeSystemName="NAACCR TNM Clinical Stage Descriptor" displayName="None"/>

</qualifier>

<!--AJCC TNM Edition Number.-->

<qualifier>

<name code="21917-0" displayName="TNM Edition Number" codeSystem="2.16.840.1.113883.6.1" codeSystemName="LOINC"/>

<value xsi:type="CD" code="7" codeSystem="2.16.840.1.113883.3.520.3.5" codeSystemName="NAACCR TNM Edition Number" displayName="7th Edition"/>

</qualifier>

</value>

<participant typeCode="PPRF">

<participantRole>

<code code="21910-5" codeSystem="2.16.840.1.113883.6.1" codeSystemName="LOINC" displayName="Stager.clinical Cancer"/>

<playingEntity nullFlavor="NA">

<code xsi:type="CE" code="1" codeSystem="2.16.840.1.113883.3.520.3.4" codeSystemName="TNM Clinical Staged By" displayName="Managing Physician"/>

</playingEntity>

</participantRole>

</participant>

<entryRelationship typeCode="COMP">

<!-- 6.3.4.62 TNM Clinical Tumor Observation-->

<observation classCode="OBS" moodCode="EVN">

<templateId root="1.3.6.1.4.1.19376.1.5.3.1.4.13"/>

<code code="21905-5" displayName="TNM Clinical T" codeSystem="2.16.840.1.113883.6.1" codeSystemName="LOINC"/>

<statusCode code="completed"/>

<value xsi:type="CD" code="Tis" codeSystem="2.16.840.1.113883.3.520.3.6" codeSystemName="NAACCR TNM Clinical Tumor" displayName="In Situ"/>

</observation>

</entryRelationship>

<!--6.3.4.63 TNM Clinical Nodes Observation -->

<entryRelationship typeCode="COMP">

<observation classCode="OBS" moodCode="EVN">

<templateId root="1.3.6.1.4.1.19376.1.5.3.1.4.13"/>

<code code="21906-3" displayName="TNM Clinical N" codeSystem="2.16.840.1.113883.6.1" codeSystemName="LOINC"/>

<statusCode code="completed"/>

<value xsi:type="CD" code="N0" codeSystem="2.16.840.1.113883.3.520.3.7" codeSystemName="NAACCR TNM Clinical Nodes" displayName="None"/>

</observation>

</entryRelationship>

<!--6.3.4.64 TNM Clinical Metastases Observation-->

<entryRelationship typeCode="COMP">

<observation classCode="OBS" moodCode="EVN">

<templateId root="1.3.6.1.4.1.19376.1.5.3.1.4.13"/>

<code code="21907-1" displayName="TNM Clinical M" codeSystem="2.16.840.1.113883.6.1" codeSystemName="LOINC"/>

<statusCode code="completed"/>

<value xsi:type="CD" codeSystem="2.16.840.1.113883.3.520.3.8" codeSystemName="NAACCR TNM Clinical Metastases" code="M0" displayName="None"/>

</observation>

</entryRelationship>

</observation>

</entryRelationship>

</observation>

</entryRelationship>

</act>

</entry>

</section>

Figure 6.3.4.56.2-1: Sample Cancer Diagnosis Entry

##### 6.3.4.56.3 <act classCode='ACT' moodCode='EVN'>

All concerns reflect the act of recording (<act classCode='ACT'>) the event (moodCode='EVN') of being concerned about a problem, allergy or other issue about the patient condition.

##### 6.3.4.56.4 <templateId root='2.16.840.1.113883.10.20.1.27'/> <templateId root='1.3.6.1.4.1.19376.1.5.3.1.4.5.2/>

These template identifiers indicates this entry conforms to the concern content module. This content module inherits constraints from the HL7 CCD Template for problem acts, and so also includes that template identifier.

##### 6.3.4.56.5 <!-- 1..\* entry relationships identifying problems of concern --><entryRelationship type='SUBJ'><observation classCode='OBS' moodCode='EVN'><templateIDroot='1.3.6.1.4.1.19376.1.5.3.1.4.5'/>…</observation>

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. The typeCode SHALL be “SUBJ” and inversionInd SHALL be “false”.

##### 6.3.4.56.6 <observation classCode="OBS" moodCode="EVN">

The <observation> classCode and moodCode SHALL be recorded as shown above.

##### 6.3.4.56.7 <templateId root=’1.3.6.1.4.1.19376.1.5.3.1.4.5'/> <templateId root='1.3.6.1.4.1.19376.1.7.3.1.4.14.1'/>

These <templateId> elements identify this <entry> as a cancer diagnosis entry and its parent, Problem Entry, allowing for validation of the content. The <templateId> elements shall be recorded as shown above.

##### 6.3.4.56.8 <code code="282291009" codeSystem=" 2.16.840.1.113883.6.96" codeSystemName="SNOMED CT" displayName="Diagnosis"/>

The <code> element indicates that this is the Diagnosis information. This code SHALL be the SNOMED CT code “282291009” for “Diagnosis”. It is good style to include the displayName and codeSystemName to help debugging.

##### 6.3.4.56.9 <statusCode code='completed'/>

The status code for all Cancer Diagnosis Entries SHALL be ‘completed’.

##### 6.3.4.56.10 <effectiveTime value="xxx"/>

This element records the date of initial diagnosis by a recognized medical practitioner for the cancer being reported.

##### 6.3.4.56.11 <value xsi:type='CD' code=' ' codeSystem=' ' codeSystemName=' ' displayName=' '>

The <value> records the Histologic Type, which is the cell type of the tumor/cancer (e.g., carcinoma, melanoma, sarcoma, lymphoma, leukemia). This element is required. It is always represented using the CD datatype (xsi:type='CD'), even though the value may be a coded or uncoded string. If coded, it SHALL follow the appropriate realm constraints for vocabulary. (See Volume 4 in the QRPH PRPH-Ca Profile found at [http://www.ihe.net](http://www.ihe.net/Technical_Frameworks/#quality).)

##### 6.3.4.56.12 <qualifier><name code="31206-6" codeSystem="2.16.840.1.113883.6.1" codeSystemName="LOINC" displayName=" Behavior ICD-O-3 Cancer"/><value code="" codeSystem="" codeSystemName=" " displayName=" "/> </qualifier>

This <qualifier> provides Behavior information, indicating whether the tumor is benign, in situ, malignant or metastatic. The code and codeSystem attributes SHALL be recorded exactly as shown above. If coded, it SHALL follow the appropriate realm constraints for vocabulary. (See Volume 4 in the QRPH PRPH-Ca Profile found at [http://www.ihe.net](http://www.ihe.net/Technical_Frameworks/#quality).)

##### 6.3.4.56.13 <qualifier><name code="21861-0" codeSystem="2.16.840.1.113883.6.1" codeSystemName="LOINC" displayName="Dx confirmed by Cancer"/><value xsi:type="CD" code="" codeSystem="" codeSystemName=" " displayName=" "/></qualifier>

This <qualifier> provides Best Method of Diagnosis information, indicating the best method used to confirm the presence of the cancer being reported. The code and codeSystem attributes SHALL be recorded exactly as shown above. The <value> records the best method of diagnosis, and if coded, it SHALL follow the appropriate realm constraints for vocabulary. (See Volume 4 in the QRPH PRPH-Ca Profile found at [http://www.ihe.net](http://www.ihe.net/Technical_Frameworks/#quality).)

##### 6.3.4.56.14 <targetSiteCode code=" " codeSystem="" codeSystemName=" " displayName=" ">

The <targetSiteCode> element SHALL be present and shall indicate the anatomic location where the primary tumor originated. Vocabulary used SHALL follow the appropriate realm constraints. (See Volume 4 in the QRPH PRPH-Ca Profile found at [http://www.ihe.net](http://www.ihe.net/Technical_Frameworks/#quality).)

##### 6.3.4.56.15 <qualifier><name code="20228-3" codeSystem="2.16.840.1.113883.6.1" codeSystemName="LOINC" displayName="Anatomic part Laterality"/> <value code="" codeSystem="" codeSystemName=" " displayName=" "/></qualifier>

This <qualifier> provides the laterality, which indicates the side of a paired organ or side of the body on which the reportable tumor originated. The code and codeSystem attributes SHALL be recorded exactly as shown above. The <value> records the laterality, if coded, it SHALL follow the appropriate realm constraints for vocabulary. (See Volume 4 in the QRPH PRPH-Ca Profile found at [http://www.ihe.net](http://www.ihe.net/Technical_Frameworks/#quality).)

##### 6.3.4.56.16 <entryRelationship typeCode="SUBJ" inversionInd="false">

One <entryRelationship> element should be present providing information on the TNM Clinical Stage.

When present, this <entryRelationship> element SHALL contain an observation conforming to the TNM Stage Information (1.3.6.1.4.1.19376.1.7.3.1.4.14.2) template. The typeCode SHALL be “SUBJ” and inversionInd SHALL be “false”.

##### 6.3.4.56.17 <observation classCode="OBS" moodCode="EVN"> <templateId root="1.3.6.1.4.1.19376.1.7.3.1.4.14.2"/> [1st nesting]

Observations that describe the TNM Stage Information SHALL be included if known.

##### 6.3.4.56.18 <code code="75620-5" displayName="TNM Clinical Stage Information" codeSystem="2.16.840.1.113883.6.1"codeSystemName="LOINC"/> [1st nesting]

The <code> element indicates that this observation is the TNM Clinical Stage Information. This code SHALL be the LOINC code 75620-5. It is good style to include the displayName and codeSystemName to help debugging.

##### 6.3.4.56.19 <statusCode code="completed"/> [1st nesting]

The status code for all TNM Clinical Stage Information observations SHALL be ‘completed’.

##### 6.3.4.56.20 <value xsi:type="CD" code="" codeSystem="" codeSystemName="" displayName=" "> [1st nesting]

The <value> records the TNM Clinical Stage Group, which is a detailed site-specific code for the clinical stage group as defined by AJCC and recorded by the physician. This element is required. It is always represented using the CD datatype (xsi:type='CD'), even though the value may be a coded or uncoded string. If coded, it SHALL follow the appropriate realm constraints for vocabulary. (See Volume 4 in the QRPH PRPH-Ca Profile found at [http://www.ihe.net](http://www.ihe.net/Technical_Frameworks/#quality).)

##### 6.3.4.56.21 <qualifier><name code="21909-7" displayName=" Descriptor.clinical Cancer" codeSystem="2.16.840.1.113883.6.1" codeSystemName="LOINC"/> <value xsi:type="CD" code="" codeSystem="" codeSystemName=" " displayName=" "/></qualifier> [1st nesting]

This <qualifier> provides TNM Clinical Stage Descriptor information, indicating The AJCC clinical stage prefix/suffix recorded by the physician. AJCC stage descriptors identify special cases that require separate analysis. The code and codeSystem attributes SHALL be recorded exactly as shown above. The <value> records the TNM Clinical Stage Descriptor, and if coded, it SHALL follow the appropriate realm constraints for vocabulary. (See Volume 4 in the QRPH PRPH-Ca Profile found at [http://www.ihe.net](http://www.ihe.net/Technical_Frameworks/#quality).)

##### 6.3.4.56.22 <qualifier><name code="21917-0" displayName="Version TNM Classification" codeSystem="2.16.840.1.113883.6.1" codeSystemName="LOINC"/><value xsi:type="CD" code="" codeSystem="" codeSystemName=" " displayName=""/></qualifier> [1st nesting]

This <qualifier> provides TNM Edition Number information, indicating the edition number of the AJCC Staging Manual. The code and codeSystem attributes of <name> SHALL be recorded exactly as shown above. If coded, it SHALL follow the appropriate realm constraints for vocabulary. (See Volume 4 in the QRPH PRPH-Ca Profile found at [http://www.ihe.net](http://www.ihe.net/Technical_Frameworks/#quality).)

##### 6.3.4.56.23 <participant typeCode="PPRF"> <participantRole> <code code="21910-5" codeSystem="2.16.840.1.113883.6.1" codeSystemName="LOINC" displayName="Stager.clinical Cancer”/><playingEntity nullFlavor="NA"> <code xsi:type="CE" code="" codeSystem="" codeSystemName=" " displayName=" "/> [1st nesting]

This <participant> element should specify the person who recorded the AJCC staging elements and stage group in the patient's medical record. The code and codeSystem attributes for <participantRole> SHALL be recorded exactly as shown above. The <code> attribute of <playingEntity> identifies the person who recorded the staging elements, and SHALL follow the appropriate realm constraints for vocabulary. (See Volume 4 in the QRPH PRPH-Ca Profile found at [http://www.ihe.net](http://www.ihe.net/Technical_Frameworks/#quality).)

##### 6.3.4.56.24 <!-- 0..3 entryRelationships identifying simple observations for TNM Clinic Tumor, TNM Clinical Nodes, and TNM Clinical Metastases--><entryRelationship typeCode="COMP" inversionInd="false"><observation classCode='OBS'moodCode='EVN'><templateIDroot='1.3.6.1.4.1.19376.1.5.3.1.4.13’/>…</observation>[2nd nesting]

Each <entryRelationship> element should contain a simple observation that specifies the TNM Clinic Tumor, TNM Clinical Nodes, and TNM Clinical Metastases, each of which is a component of the TNM Stage Group. Simple observations that describe the TNM Clinic Tumor, TNM Clinical Nodes, and TNM Clinical Metastases SHALL be included if known and inversionInd SHALL be “false”.

##### 6.3.4.56.25 <code code="" displayName=" " codeSystem="2.16.840.1.113883.6.1" codeSystemName="LOINC"/> [2nd nesting]

Observations SHALL include one of following LOINC values to indicate the component of TNM Stage Group represented in the Observation.

| LOINC Code | Display Name | Description |
| --- | --- | --- |
| 21905-5 | TNM Clinical T | A detailed site-specific code for the clinical tumor (T) as defined by AJCC and recorded by the physician. |
| 21906-3 | TNM Clinical N | A detailed site-specific code for the clinical nodes (N) as defined by AJCC and recorded by the physician. |
| 21907-1 | TNM Clinical M | A detailed site-specific staging code for the clinical metastases (M) as defined by AJCC and recorded by the physician. |

##### 6.3.4.56.26 <value xsi:type="CD" code="" codeSystem="" codeSystemName=" " displayName=" "/>

The <value> of the observation SHALL be recorded using the vocabulary appropriate to the coded observation according to the table above and SHALL follow the appropriate realm constraints for vocabulary. (See Volume 4 in the QRPH PRPH-Ca Profile found at [http://www.ihe.net](http://www.ihe.net/Technical_Frameworks/#quality).)

#### 6.3.4.57 Patient Transfer 1.3.6.1.4.1.19376.1.5.3.1.1.25.1.4.1

The Patient Transfer entry shall record the transfer of the patient to an internal department or external entity such as a different hospital or skilled nursing facility.

##### 6.3.4.57.1 Parent Template

##### 6.3.4.57.2 Specification

<act classCode=’ACT’ moodCode=’EVN’>

<templateId root=’PatientTransferAct’/>

<id/>

<!-- code is fixed -->

<code code=’107724000’ displayName=’patient transfer’ codeSystem=’2.16.840.1.113883.6.96’/>

<effectiveTime value=’’/>

<participant typeCode=’DST’>

<templateId root=’destinationLocation’/>

<participantRole classCode=’SDLOC’>

<id/>

<code/>

<addr/>

<telecom/>

<playingEntity classCode=’ENT’>

<name/>

</playingEntity>

</participantRole>

</participant>

</act>

Figure 6.3.4.57.2-1: Sample Cancer Diagnosis Entry

##### 6.3.4.57.3 <act classCode='ACT' moodCode='INT|EVN'>

The transfer is recorded in an act element, to describe a patient transfer. In intent mood (moodCode='INT'), this records the expected transfer of the patient. In event mood (moodCode='EVN'), this records the actual transfer.

##### 6.3.4.57.4 <templateId root=’TBD’/>

The templateId indicates that this transfer entry conforms to the constraints of this content module.

##### 6.3.4.57.5 <id root='' extension=''/>

This required element shall contain an identifier.

##### 6.3.4.57.6 <code code='' displayName='' codeSystem='' codeSystemName='' />

The code shall be code=’107724000’ displayName=’patient transfer’ codeSystem=’2.16.840.1.113883.6.96’/>

##### 6.3.4.57.7 <text><reference value='#xxx'/></text>

The <text> element shall contain a reference to the narrative text describing the transfer of the patient.

##### 6.3.4.57.8 statusCode

<statusCode code='normal|completed'/> When the transfer act has occurred (moodCode='EVN'), the statusCode element shall be present, and shall contain the value 'completed'. When the transfer act is intended (moodCode='EVN') the statusCode element shall contain the value 'normal'.

##### 6.3.4.57.9 <effectiveTime><low value=''/><high value=''/><effectiveTime/>

When the transfer has occurred, this element shall be sent, and indicates the effective time for the transfer. This element may be sent to record when the transfer act is intended to occur. The <low> element records the time at which the transfer process was started. The <high> value records the time at which the transfer was completed.

##### 6.3.4.57.10 participant

The <participant> element encodes the destination with a typeCode of DST

<participant typeCode=’DST’>

##### 6.3.4.57.11 templateId

The template id identifies the facility or department which is the transfer destination.

<templateId root=’destinationLocation’/>

##### 6.3.457.12 participantRole

The participant role is fixed to <participantRole classCode=’SDLOC’>

##### 6.3.4.57.13 <id root='' extension=''/>

The <id> element shall be sent when the transfer has occurred, and identifies the performer of the act.

##### 6.3.4.57.14 <code>

The code shall indicate the type of healthcare service location for the transfer destination.

##### 6.3.4.57.15 <addr></addr>

The <addr> element may be sent to provide a contact postal address for the performer of the disposition.

##### 6.3.4.57.16 <telecom>

The <telecom> element may be sent to provide a contact postal address for the performer of the disposition.

##### 6.3.4.57.17 playingEntity

The playing entity classCode shall be ENT <playingEntity classCode=’ENT’>

##### 6.3.4.57.18 name

The name element of the playing entity shall record the name of the facility or departmental destination.

Add section 6.3.4.58 (added 2013-09 from the QRPH VRDR supplement.)

#### 6.3.4.58 Death Pronouncement Entry Content Module (1.3.6.1.4.1.19376.1.7.3.1.4.23.1)

[observation: templateId 1.3.6.1.4.1.19376.1.7.3.1.4.23.1]

The template contains information on the pronouncement of death on the death certificate.

1. **SHALL** contain exactly one [1..1] @classCode
2. **SHALL** contain exactly one [1..1] @moodCode
3. SHALL contain exactly one [1..1] templateId (CONF:7136) such that it
   1. SHALL contain exactly one [1..1] @root="2.16.840.1.113883.10.20.22.4.2" (CONF:9138) SHALL contain exactly one [1..1] code/@code="58325-2" Provider witnessed decedent's death (CodeSystem: 2.16.840.1.113883.6.1 LOINC).
4. SHALL contain zero or one [1..1] **effectiveTime**

Provide the date and time at which the decedent was pronounced dead. The first id represents this specific globally unique result observation.

1. SHALL contain exactly one [1..1] **performer**
   1. This performer **SHALL** contain exactly one [1..1] **@typeCode**="PRF"
   2. This performer **SHALL** contain exactly one [1..1] **assignedEntity**
   3. This assignedEntity **SHALL** contain exactly one [1..1] **@classCode**="ASSIGNED"
   4. This assignedEntity **SHALL** contain exactly one [1..1] **addr**

*The postal address used to locate the clinician or pronouncing the death at the time of death certification.*

1. This assignedEntity **SHALL** contain exactly one [1..1] assignedPerson
   1. This assignedPerson **SHALL** contain exactly one [1..1] **@classCode**="PSN"
   2. This assignedPerson **SHALL** contain exactly one [1..1] **determinerCode**="INSTANCE"
   3. This assignedPerson **SHALL** contain exactly one [1..1] **ID**

*This field shall contain the License Number of Person Pronouncing Death*

* 1. This assignedPerson **SHALL** contain exactly one [1..1] **name**

*This field is valued with the person who pronounced the death. The full name of the pronouncer is required.*

<entry>

<observation classCode=”OBS” moodCode=”EVN”>

<templateId root="1.3.6.1.4.1.19376.1.7.3.1.4.23.1"/>

<id root=""/>

<code code="58325-2" codeSystem="2.16.840.1.113883.6.1"

codeSystemName="LOINC" displayName=" Provider witnessed decedent's death "/>

<effectiveTime>

<low value="201311141201"/>

<high value="201311141201"/>

</effectiveTime>

</observation>

</entry>

Figure 6.3.4.58-1: Death Pronouncement Entry Content Module example

Add section 6.3.4.59 (added 2013-09 from the QRPH VRDR supplement.)

#### 6.3.4.59 Death Location Type Entry Content Module

[Observation: templateId 1.3.6.1.4.1.19376.1.7.3.1.4.23.2]

This template makes it possible to record the type of location (e.g., hospital inpatient room) at which the person died.

1. **SHALL** contain exactly one [1..1] **@classCode**="OBS" Observation (CodeSystem: 2.16.840.1.113883.5.6 HL7ActClass)
2. **SHALL** contain exactly one [1..1] **@moodCode**="EVN" Event (CodeSystem: 2.16.840.1.113883.5.1001 HL7ActMood)
3. **SHALL** contain exactly one [1..1] **code/@code**=" 58332-8" (CodeSystem: 2.16.840.1.113883.6.1 LOINC)
4. **SHALL** contain exactly one [1..1] **value**, which **SHALL** be selected from ValueSet
5. Death Location Type Codes (1.3.6.1.4.1.19376.1.7.3.1.1.13.8.4) STATIC, where its data type is CE
6. A code value to indicate the type of location where the patient died.

<observation xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"

xmlns="urn:hl7-org:v3" xsi:schemaLocation="urn:hl7-org:v3 CDA.xsd"

classCode="OBS" moodCode="EVN">

<id root="1536492804"/>

<code code="58332-8" codeSystem="2.16.840.1.113883.6.1"

codeSystemName="LOINC"/>

<effectiveTime>

<low value="2012"/>

<high value="2012"/>

</effectiveTime>

<value xsi:type="CE" code="Value"/>

</observation>

Figure 6.3.4.59-1: Death Location Type Entry Content Module example

Add section 6.3.4.60 (added 2013-09 from the QRPH HW supplement.).

#### 6.3.4.60 Occupational Data For Health Organizer

Table 6.3.4.60-1: Occupational Data For Health Organizer Entry 1.3.6.1.4.1.19376.1.5.3.1.4.20

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Template Name** | | Occupational Data For Health Organizer | | |
| **Template ID** | | 1.3.6.1.4.1.19376.1.5.3.1.4.20 | | |
| **Parent Template** | |  | | |
| **General Description** | | This organizer holds information about a person’s occupation. It organizes the employment status, usual occupation and usual industry along with durations, and history of occupation information (which includes occupation and employer with industry, and work hours and work schedule) into a standard structure. | | |
| **Class/Mood** | **Code** | | **Data Type** | **Value** |
| ClassCode=  “CLUSTER”  MoodCode=  “EVN” | Code = 74166-0  Display Name = Occupational Data for Health  CodeSystem = 2.16.840.1.113883.6.1  CodeSystemName=LOINC | | Organizer |  |

[organizer: templateId 1.3.6.1.4.1.19376.1.5.3.1.4.20 (open)]

An Occupational Data for Health Organizer is a clinical statement about the subject’s employment status, usual occupation and history of occupations.

1. **SHALL** contain exactly one [1..1] **@classCode**="CLUSTER" CLUSTER (CodeSystem: 2.16.840.1.113883.5.6 HL7ActClass).
2. **SHALL** contain exactly one [1..1] **@moodCode**="EVN" Event (CodeSystem: ActMood 2.16.840.1.113883.5.1001).
3. **SHALL** contain exactly one [1..1] **templateId** such that it
   1. **SHALL** contain exactly one [1..1] **@root**="1.3.6.1.4.1.19376.1.5.3.1.4.20".
4. **SHALL** contain at least one [1..\*] **id**.
   1. The first id represents this specific globally unique occupational data for health organizer.
5. **SHALL** contain exactly one [1..1] **code**.
   1. **SHall** be 74166-0 (Occupational Data for Health) from LOINC (codeSystem 2.16.840.1.113883.6.1).
6. **SHALL** contain exactly one [1..1] **statusCode**="completed" Completed (CodeSystem: ActStatus 2.16.840.1.113883.5.14).
7. **SHALL** contain exactly one [1..1] **effectiveTime**.
   1. Where EffectiveTime/low SHALL represent the earliest point in time for any occupation data in the organizer.
   2. Where effectiveTime/high SHALL represent the latest point in time for any occupation data in the organizer, consequently the last point in time when information in the organizer was updated.
8. **SHOULD** contain zero or one [0..1] **component**.
   1. The component/@typeCode **SHALL** be “COMP”.
   2. The sequenceNumber **SHALL** be 1.
   3. SHALL contain exactly one [1..1] Employment Status Organizer (1.3.6.1.4.1.19376.1.5.3.1.4.20.1).
9. **SHOULD** contain zero or one [0..1] **component**.
   1. The component/@typeCode **SHALL** be “COMP”.
   2. The sequenceNumber **SHALL** be 2.
   3. SHALL contain exactly one [1..1] Usual Occupation and Industry Organizer (1.3.6.1.4.1.19376.1.5.3.1.4.20.2).
10. **MAY** contain zero or one [0..1] **component**.
    1. The component/@typeCode **SHALL** be “COMP”.
    2. The sequenceNumber **SHALL** be 3.
    3. SHALL contain exactly one [1..1] History of Occupation and Industry Organizer (1.3.6.1.4.1.19376.1.5.3.1.4.20.3).

Replace the following section 6.3.4.61 Employment Status Organizer:

#### 6.3.4.61 Employment Status Organizer

Table 6.3.4.61-1: Employment Status Organizer Entry 1.3.6.1.4.1.19376.1.5.3.1.4.20.1

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Template Name** | | Employment Status Organizer | | |
| **Template ID** | | 1.3.6.1.4.1.19376.1.5.3.1.4.20.1 | | |
| **Parent Template** | |  | | |
| **General Description** | | This organizer holds information about a person’s employment status over time. It may hold current as well as prior employment status entries. | | |
| **Class/Mood** | **Code** | | **Data Type** | **Value** |
| ClassCode=  “CLUSTER”  MoodCode=  “EVN” | Code = 74165-2  Display Name = History of Employment Status  CodeSystem = 2.16.840.1.113883.6.1  CodeSystemName=LOINC | | Organizer |  |

[organizer: templateId 1.3.6.1.4.1.19376.1.5.3.1.4.20.1 (open)]

An Employment Status Organizer holds clinical statements about the subject’s employment status over time.

1. **SHALL** contain exactly one [1..1] **@classCode**="CLUSTER" CLUSTER (CodeSystem: 2.16.840.1.113883.5.6 HL7ActClass).
2. **SHALL** contain exactly one [1..1] **@moodCode**="EVN" Event (CodeSystem: ActMood 2.16.840.1.113883.5.1001).
3. **SHALL** contain exactly one [1..1] **templateId** such that it
   1. **SHALL** contain exactly one [1..1] **@root**="1.3.6.1.4.1.19376.1.5.3.1.4.20.1".
4. **SHALL** contain at least one [1..\*] **id**.
   1. The first id represents this specific globally unique employment status organizer.
5. **SHALL** contain exactly one [1..1] **code**.
   1. **SHall** be 74165-2 (History of Employment Status) from LOINC (codeSystem 2.16.840.1.113883.6.1).
6. **SHALL** contain exactly one [1..1] **statusCode**="completed" Completed (CodeSystem: ActStatus 2.16.840.1.113883.5.14).
7. **SHALL** contain exactly one [1..1] **effectiveTime**.
   1. Where EffectiveTime/low SHALL represent the earliest point in time for any data in the organizer.
   2. Where effectiveTime/high SHALL represent the latest point in time for any data in the organizer, consequently the last point in time when information in the organizer was updated.
8. **SHall** contain one or more [1..\*] **component**.
   1. The component/@typeCode **SHALL** be “COMP”.
   2. SHALL contain exactly one [1..1] Employment Status Observation (1.3.6.1.4.1.19376.1.5.3.1.4.20.4).

Replace the following section 6.3.4.62 Usual Occupation and Industry Organizer:

#### 6.3.4.62 Usual Occupation and Industry Organizer

Table 6.3.4.62-1: Usual Occupation and Industry Organizer Entry 1.3.6.1.4.1.19376.1.5.3.1.4.20.2

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Template Name** | | Usual Occupation and Industry Organizer | | |
| **Template ID** | | 1.3.6.1.4.1.19376.1.5.3.1.4.20.2 | | |
| **Parent Template** | |  | | |
| **General Description** | | This organizer holds information about a person’s usual occupation, usual industry and the durations associated with each. A person’s usual occupation is the occupation they have held for the longest combined duration of time over the person’s history of employment. The usual industry is the industry where they have been employed for the longest combined duration of time over the person’s history of employment.  This organizer may hold current as well as prior observations about their usual occupation and usual industry. | | |
| **Class/Mood** | **Code** | | **Data Type** | **Value** |
| ClassCode=  “CLUSTER”  MoodCode=  “EVN” | Code = 74164-5  Display Name = History of Usual Occupation and Usual Industry  CodeSystem = 2.16.840.1.113883.6.1  CodeSystemName=LOINC | | Organizer |  |

[organizer: templateId 1.3.6.1.4.1.19376.1.5.3.1.4.20.2 (open)]

A Usual Occupation Organizer holds clinical statements about the subject’s usual occupation and usual industry.

1. **SHALL** contain exactly one [1..1] **@classCode**="CLUSTER" CLUSTER (CodeSystem: 2.16.840.1.113883.5.6 HL7ActClass).
2. **SHALL** contain exactly one [1..1] **@moodCode**="EVN" Event (CodeSystem: ActMood 2.16.840.1.113883.5.1001).
3. **SHALL** contain exactly one [1..1] **templateId** such that it
   1. **SHALL** contain exactly one [1..1] **@root**=" 1.3.6.1.4.1.19376.1.5.3.1.4.20.2".
4. **SHALL** contain at least one [1..\*] **id**.
5. **SHALL** contain exactly one [1..1] **code**.
   1. **SHall** be 74164-5 (History of Usual Occupation) from LOINC.
6. **SHALL** contain exactly one [1..1] **statusCode**="completed" (CodeSystem: ActStatus 2.16.840.1.113883.5.14).
7. **SHALL** contain exactly one [1..1] **effectiveTime**.
   1. Where EffectiveTime/low SHALL represent the earliest point in time for any data in the organizer.
   2. Where effectiveTime/high SHALL represent the latest point in time for any data in the organizer, consequently the last point in time when information in the organizer was updated.
8. **SHall** contain one or more [1..\*] **component**.
   1. The component/@typeCode **SHALL** be “COMP”.
   2. SHALL contain exactly one or more [1..\*] Usual Occupation and Industry Observation (1.3.6.1.4.1.19376.1.5.3.1.4.20.5).

Replace the following section 6.3.4.63 History of Occupation Organizer:

#### 6.3.4.63 History of Occupation Organizer

Table 6.3.4.63-1: History of Occupation Organizer Entry 1.3.6.1.4.1.19376.1.5.3.1.4.20.3

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Template Name** | | | | History of Occupation Organizer | | | | | | |
| **Template ID** | | | | 1.3.6.1.4.1.19376.1.5.3.1.4.20.3 | | | | | | |
| **Parent Template** | | | |  | | | | | | |
| **General Description** | | | | This organizer holds information about a person’s various specific occupations over time. It may hold current as well as prior observations about occupations which may include details about the employer and places where work was performed. A person’s occupation also includes industry information which is used to more precisely specify the occupation. | | | | | | |
| **Class/Mood** | | **Code** | | | | **Data Type** | **Value** | | | |
| ClassCode=  “CLUSTER”  MoodCode=  “EVN” | | Code = 11340-7  Display Name = History of Usual Occupation  CodeSystem = 2.16.840.1.113883.6.1  CodeSystemName=LOINC | | | | Organizer |  | | | |
| **Opt and Card** | **entryRelationship** | | **Description** | | **Template ID** | | | **Specification Document** | **Vocabulary Constraint** |
|  |  | |  | |  | | |  |  |

[organizer: templateId 1.3.6.1.4.1.19376.1.5.3.1.4.20.3 (open)]

A History of Occupation Organizer holds clinical statements about the subject’s specific occupations over time.

1. **SHALL** contain exactly one [1..1] **@classCode**="CLUSTER" CLUSTER (CodeSystem: 2.16.840.1.113883.5.6 HL7ActClass).
2. **SHALL** contain exactly one [1..1] **@moodCode**="EVN" Event (CodeSystem: ActMood 2.16.840.1.113883.5.1001).
3. **SHALL** contain exactly one [1..1] **templateId** such that it
   1. **SHALL** contain exactly one [1..1] **@root**="1.3.6.1.4.1.19376.1.5.3.1.4.20.3".
4. **SHALL** contain at least one [1..\*] **id**.
   1. The first id represents this specific globally unique History of Occupation organizer.
5. **SHALL** contain exactly one [1..1] **code**.
   1. **SHall** be 11340-7 (History of Occupation) from LOINC.
6. **SHALL** contain exactly one [1..1] **statusCode**="completed" Completed (CodeSystem: ActStatus 2.16.840.1.113883.5.14).
7. **SHALL** contain exactly one [1..1] **effectiveTime**.
   1. represents the point in time that the most recent Occupation Observation component entry was added.
8. **SHall** contain one or more [1..\*] **component**.
   1. The component/@typeCode **SHALL** be “COMP”.
   2. SHALL contain exactly one [1..1] Occupation Observation (1.3.6.1.4.1.19376.1.5.3.1.4.20.6).

Replace the following section 6.3.4.64 Employment Status Observation

#### 6.3.4.64 Employment Status Observation

Table 6.3.4.64-1: Employment Status Observation Entry 1.3.6.1.4.1.19376.1.5.3.1.4.20.4

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Template Name** | | | | Employment Status Observation Entry | | | | | | |
| **Template ID** | | | | 1.3.6.1.4.1.19376.1.5.3.1.4.20.4 | | | | | | |
| **Parent Template** | | | |  | | | | | | |
| **General Description** | | | | An employment status observation entry is a clinical statement about a person’s employment status at a point in time. An employment status observation recorded two years ago represents the person’s employment status at that time. An employment status observation recorded today represents the person’s employment status at this more current point in time. | | | | | | |
| **Class/Mood** | | **Code** | | | | **Data Type** | **Value** | | | |
| ClassCode=  “OBS”  MoodCode=  “EVN” | | Code = 74165-2  Display Name = History of Employment Status  CodeSystem = 2.16.840.1.113883.6.1  CodeSystemName=LOINC | | | | Observation | Value xsi:type = “CD” from concept domain CD\_EmploymentStatus defined in Table 6.6-1 | | | |
| **Opt and Card** | **entryRelationship** | | **Description** | | **Template ID** | | | **Specification Document** | **Vocabulary Constraint** |

[observation: templateId 1.3.6.1.4.1.19376.1.5.3.1.4.20.4 (open)]

An Employment Status Entry is a clinical statement about the subject’s employment status at the point in time the statement is recorded.

1. **SHALL** contain exactly one [1..1] **@classCode**="OBS" (CodeSystem: 2.16.840.1.113883.5.6 HL7ActClass).
2. **SHALL** contain exactly one [1..1] **@moodCode**="EVN" Event (CodeSystem: ActMood 2.16.840.1.113883.5.1001).
3. **SHALL** contain exactly one [1..1] **templateId** such that it
   1. **SHALL** contain exactly one [1..1] **@root**="1.3.6.1.4.1.19376.1.5.3.1.4.20.4".
4. **SHALL** contain at least one [1..\*] **id**.
5. **SHALL** contain exactly one [1..1] **code**.
   1. **SHall** be 74165-2 (History of Employment Status) from LOINC (codeSystem 2.16.840.1.113883.6.1).
6. **SHALL** contain exactly one [1..1] **statusCode**="completed" (CodeSystem: ActStatus 2.16.840.1.113883.5.14).
7. **SHALL** contain exactly one [1..1] **effectiveTime**.
   1. This effectiveTime MAY contain exactly one [1..1] low.
      1. If the starting time is unknown, the <low> element SHALL have the nullFlavor attribute set to UNK.
   2. This effectiveTime SHALL contain exactly one [1..1] high.
      1. The ending time <high> element SHALL not be greater than the time the observation is made.
8. **SHALL** contain exactly one [1..1] **value** with@xsi:type="CD"
   1. This value **SHALL** be selected from Concept Domain CD\_EmploymentStatus

Replace the following section 6.3.4.65:Usual Occupation and Industry Observation

#### 6.3.4.65 Usual Occupation and Industry Observation Entry

Table 6.3.4.65-1: Usual Occupation and Usual Industry Observation Entry 1.3.6.1.4.1.19376.1.5.3.1.4.20.5

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Template Name** | | | | Usual Occupation and Usual Industry Observation Entry | | | | | | |
| **Template ID** | | | | 1.3.6.1.4.1.19376.1.5.3.1.4.20.5 | | | | | | |
| **Parent Template** | | | |  | | | | | | |
| **General Description** | | | | A Usual Occupation and Industry Observation entry is a clinical statement about a person’s usual employment and Usual Industry, which is defined to be the occupation held for the longest period of time over the course of a person’s career and the industry in which the person has worked for the longest. The entry represents the person’s usual occupation and usual industry at the point in time when the observation is recorded. | | | | | | |
| **Class/Mood** | | **Code** | | | | **Data Type** | **Value** | | | |
| ClassCode=  “OBS”  MoodCode=  “EVN” | | Code = 74164-5  Display Name = Usual Occupation and Industry Hx  CodeSystem = 2.16.840.1.113883.6.1  CodeSystemName=LOINC | | | | Observation | Value xsi:type = “CD” from concept domain CD\_OccupationCode defined in Table 6.6-1 | | | |
| **Opt and Card** | **entryRelationship** | | **Description** | | **Template ID** | | | **Specification Document** | **Vocabulary Constraint** |

[observation: templateId 1.3.6.1.4.1.19376.1.5.3.1.4.20.5 (open)]

A Usual Occupation and Industry Observation Entry is a clinical statement about the type of occupation which the subject has held for the longest duration through his or her working history, at the point in time the statement is recorded, and the industry in which the subject has been employed the longest. It optionally includes the duration for each.

1. **SHALL** contain exactly one [1..1] **@classCode**="OBS" (CodeSystem: 2.16.840.1.113883.5.6 HL7ActClass).
2. **SHALL** contain exactly one [1..1] **@moodCode**="EVN" Event (CodeSystem: ActMood 2.16.840.1.113883.5.1001).
3. **SHALL** contain exactly one [1..1] **templateId** such that it
   1. **SHALL** contain exactly one [1..1] **@root**="1.3.6.1.4.1.19376.1.5.3.1.4.20.5".
4. **SHALL** contain at least one [1..\*] **id**.
5. **SHALL** contain exactly one [1..1] **code**.
   1. **SHall** be 74164-5 (Usual Occupation and Industry Hx) from LOINC (codeSystem 2.16.840.1.113883.6.1).
6. **SHALL** contain exactly one [1..1] **statusCode**="completed" (CodeSystem: ActStatus 2.16.840.1.113883.5.14).
7. **SHALL** contain exactly one [1..1] **effectiveTime**.
   1. Such that the effectiveTime shall be used to represent the date that the observation is collected.
8. **SHALL** contain exactly one [1..1] **value** with@xsi:type="CD"
   1. This value **SHALL** be selected from Concept Domain CD\_OccupationCode.
9. SHall contain exactly one [1..1] participant such that it
   1. SHALL contain exactly one [1..1] @typeCode="IND"
   2. Shall contain exactly one [1..1] participantRole
      1. Which **SHALL** contain exactly one [1..1] **@classCode**="ROL" (CodeSystem: RoleCode 2.16.840.1.113883.5.111 **STATIC**).
      2. Which **SHALL** contain exactly one [1..1] **id**
         1. Such that the id **SHALL** reference the id of a participant/AssociatedEntity in the header which SHALL contain exactly one [1..1] templateId such that it SHALL contain exactly one [1..1] @root=" 1.3.6.1.4.1.19376.1.5.3.1.2.2" (IHE Employer and School Contacts template).
         2. The AssociatedEntity/scopingOrganization shall contain exactly one [1..1] standardIndustryClassCode which:
            1. SHALL be selected from Concept Domain CD\_IndustryCode
10. SHOULD contain zero or one [0..1] entryRelationship such that it
    1. SHALL contain exactly one [1..1] @typeCode="REFR" (CodeSystem: HL7ActRelationshipType 2.16.840.1.113883.5.1002 STATIC).
    2. SHALL contain exactly one [1..1] Usual Occupation Duration Observation (1.3.6.1.4.1.19376.1.5.3.1.4.20.9).
11. SHOULD contain zero or one [0..1] entryRelationship such that it
    1. SHALL contain exactly one [1..1] @typeCode="REFR" (CodeSystem: HL7ActRelationshipType 2.16.840.1.113883.5.1002 STATIC).
    2. SHALL contain exactly one [1..1] Usual Industry Duration Observation (1.3.6.1.4.1.19376.1.5.3.1.4.20.10).

Replace the following section 6.3.4.66 Occupation Observation

#### 6.3.4.66 Occupation Observation Entry

Table 6.3.4.66-1: Occupation Observation Entry 1.3.6.1.4.1.19376.1.5.3.1.4.20.6

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Template Name** | | | | Occupation Observation Entry | | | | | | |
| **Template ID** | | | | 1.3.6.1.4.1.19376.1.5.3.1.4.20.6 | | | | | | |
| **Parent Template** | | | |  | | | | | | |
| **General Description** | | | | An Occupation Observation entry is a clinical statement about a person’s specific employment situation includes the occupation and the industry which is required to determine the precise occupation held. The entry may also include information about the employer and locations where work has been performed. | | | | | | |
| **Class/Mood** | | **Code** | | | | **Data Type** | **Value** | | | |
| ClassCode=  “OBS”  MoodCode=  “EVN” | | Code = 11340-7  Display Name = History of Occupation  CodeSystem = 2.16.840.1.113883.6.1  CodeSystemName=LOINC | | | | Observation | Value xsi:type = “CD” from concept domain CD\_OccupationCode defined in Table 6.6-1 | | | |
| **Opt and Card** | **entryRelationship** | | **Description** | | **Template ID** | | | **Specification Document** | **Vocabulary Constraint** |

[observation: templateId 1.3.6.1.4.1.19376.1.5.3.1.4.20.6 (open)]

An Occupation Observation Entry is a clinical statement about the type of occupation which the subject currently holds or has held in the past.

1. **SHALL** contain exactly one [1..1] **@classCode**="OBS" (CodeSystem: 2.16.840.1.113883.5.6 HL7ActClass).
2. **SHALL** contain exactly one [1..1] **@moodCode**="EVN" Event (CodeSystem: ActMood 2.16.840.1.113883.5.1001).
3. **SHALL** contain exactly one [1..1] **templateId** such that it
   1. **SHALL** contain exactly one [1..1] **@root**="1.3.6.1.4.1.19376.1.5.3.1.4.20.6".
4. **SHALL** contain at least one [1..\*] **id**.
5. **SHALL** contain exactly one [1..1] **code**.
   1. **SHall** be 11340-7 (History of Occupation) from LOINC (codeSystem 2.16.840.1.113883.6.1).
6. **SHALL** contain exactly one [1..1] **statusCode**="completed" (CodeSystem: ActStatus 2.16.840.1.113883.5.14).
7. **SHALL** contain exactly one [1..1] **effectiveTime**.
   1. This effectiveTime SHOULD contain exactly one [1..1] low.
      1. If the starting time is unknown, the <low> element SHALL have the nullFlavor attribute set to UNK.
   2. This effectiveTime SHALL contain exactly one [1..1] high.
      1. The ending time <high> element SHALL not be greater than the time the observation is made.
8. **SHALL** contain exactly one [1..1] **value** with@xsi:type="CD"
   1. This value **SHALL** be selected from Concept Domain CD\_OccupationCode.
9. SHall contain exactly one [1..1] participant such that it
   1. SHALL contain exactly one [1..1] @typeCode="IND"
   2. Shall contain exactly one [1..1] participantRole
      1. Which **SHALL** contain exactly one [1..1] **@classCode**="ROL" (CodeSystem: RoleCode 2.16.840.1.113883.5.111 **STATIC**).
      2. Which **SHALL** contain exactly one [1..1] **id**
         1. Such that the id **SHALL** reference the id of an AssociatedEntity in the header which SHALL contain exactly one [1..1] templateId such that it SHALL contain exactly one [1..1] @root=" 1.3.6.1.4.1.19376.1.5.3.1.2.2" (IHE Employer and School Contacts template).
         2. The AssociatedEntity shall contain exactly one [1..1] name.
         3. The AssociatedEntity shall contain exactly one [1..1] addr.
         4. The AssociatedEntity/scopingOrganization shall contain exactly one [1..1] standardIndustryClassCode which:
            1. SHALL be selected from Concept Domain CD\_IndustryCode
10. SHOULD contain zero or one [0..1] entryRelationship such that it
    1. SHALL contain exactly one [1..1] @typeCode="REFR" (CodeSystem: HL7ActRelationshipType 2.16.840.1.113883.5.1002 STATIC).
    2. SHALL contain exactly one [1..1] Work Schedule Observation (1.3.6.1.4.1.19376.1.5.3.1.4.20.7).
11. SHOULD contain zero or one [0..1] entryRelationship such that it
    1. SHALL contain exactly one [1..1] @typeCode="REFR" (CodeSystem: HL7ActRelationshipType 2.16.840.1.113883.5.1002 STATIC).
    2. SHALL contain exactly one [1..1] Weekly Work Hours Observation (1.3.6.1.4.1.19376.1.5.3.1.4.20.8).

Replace the following section 6.3.4.67 Work Shift Observation – renamed to Work Schedule

#### 6.3.4.67 Work Schedule Observation Entry

Table 6.3.4.67-1: Work Schedule Observation Entry 1.3.6.1.4.1.19376.1.5.3.1.4.20.7

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Template Name** | | | | Work Schedule Observation Entry | | | | | | |
| **Template ID** | | | | 1.3.6.1.4.1.19376.1.5.3.1.4.20.7 | | | | | | |
| **Parent Template** | | | |  | | | | | | |
| **General Description** | | | | The “shift” or typical time within a work-day in which a person is scheduled to perform their duties. | | | | | | |
| **Class/Mood** | | **Code** | | | | **Data Type** | **Value** | | | |
| ClassCode=  “OBS”  MoodCode=  “EVN” | | Code = 74159-5  Display Name = Work Schedule  CodeSystem = 2.16.840.1.113883.6.1  CodeSystemName=LOINC | | | | Observation | Value xsi:type = “CD” from concept domain CD\_WorkSchedule defined in Table 6.6-1 | | | |
| **Opt and Card** | **entryRelationship** | | **Description** | | **Template ID** | | | **Specification Document** | **Vocabulary Constraint** |
|  |  | |  | |  | | |  |  |

[observation: templateId 1.3.6.1.4.1.19376.1.5.3.1.4.20.7 (open)]

A clinical statement about the schedule, “shift”, or typical time within a work-day in which a person is scheduled to perform their duties.

1. **SHALL** contain exactly one [1..1] **@classCode**="OBS" (CodeSystem: 2.16.840.1.113883.5.6 HL7ActClass).
2. **SHALL** contain exactly one [1..1] **@moodCode**="EVN" Event (CodeSystem: ActMood 2.16.840.1.113883.5.1001) .
3. **SHALL** contain exactly one [1..1] **templateId** such that it
   1. **SHALL** contain exactly one [1..1] **@root**="1.3.6.1.4.1.19376.1.5.3.1.4.20.7".
4. **SHALL** contain at least one [1..\*] **id**.
5. **SHALL** contain exactly one [1..1] **code**.
   1. **SHall** be 74159-5 (Workshift) from LOINC.
6. **SHALL** contain exactly one [1..1] **statusCode**="completed" Completed (CodeSystem: ActStatus 2.16.840.1.113883.5.14).
7. SHALL contain exactly one [1..1] value with @xsi:type="CD".
   1. This value SHALL contain exactly one [1..1] @code, which SHALL be selected from Concept Domain CD\_EmploymentStatus

Replace the following section 6.3.4.68 Weekly Work Hours Observation

#### 6.3.4.68 Weekly Work Hours Observation Entry

Table 6.3.4.68-1: Weekly Work Hours Observation Entry 1.3.6.1.4.1.19376.1.5.3.1.4.20.8

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Template Name** | | | | Weekly Work Hours Observation Entry | | | | | | |
| **Template ID** | | | | 1.3.6.1.4.1.19376.1.5.3.1.4.20.8 | | | | | | |
| **Parent Template** | | | |  | | | | | | |
| **General Description** | | | | The typical hours per week that a person spends working. | | | | | | |
| **Class/Mood** | | **Code** | | | | **Data Type** | **Value** | | | |
| ClassCode=  “OBS”  MoodCode=  “EVN” | | Code = 74161-1  Display Name = Weekly Work Hours  CodeSystem = 2.16.840.1.113883.6.1  CodeSystemName=LOINC | | | | Observation | value with @xsi:type="INT" | | | |
| **Opt and Card** | **entryRelationship** | | **Description** | | **Template ID** | | | **Specification Document** | **Vocabulary Constraint** |
|  |  | |  | |  | | |  |  |

[observation: templateId 1.3.6.1.4.1.19376.1.5.3.1.4.20.8 (open)]

A clinical statement about the typical number of hours per week that a person spends performing their duties for work.

1. **SHALL** contain exactly one [1..1] **@classCode**="OBS" (CodeSystem: 2.16.840.1.113883.5.6 HL7ActClass).
2. **SHALL** contain exactly one [1..1] **@moodCode**="EVN" Event (CodeSystem: ActMood 2.16.840.1.113883.5.1001) .
3. **SHALL** contain exactly one [1..1] **templateId** such that it
   1. **SHALL** contain exactly one [1..1] **@root**="1.3.6.1.4.1.19376.1.5.3.1.4.20.8".
4. **SHALL** contain at least one [1..\*] **id**.
5. **SHALL** contain exactly one [1..1] **code**.
   1. **SHall** be 74161-1 (Weekly Work Hours) from LOINC.
6. **SHALL** contain exactly one [1..1] **statusCode**="completed" Completed (CodeSystem: ActStatus 2.16.840.1.113883.5.14).
7. SHALL contain exactly one [1..1] value with @xsi:type="INT".
   1. This value SHALL contain exactly one [1..1] @value, which represents the number of hours in a week that a person usually works.

Replace the following section 6.3.4.69 Usual Occupation Duration

#### 6.3.4.69 Usual Occupation Duration Entry

Table 6.3.4.69-1: Usual Occupation Duration Entry (1.3.6.1.4.1.19376.1.5.3.1.4.20.9)

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Template Name** | | | | Usual Occupation Duration Entry | | | | | | |
| **Template ID** | | | | 1.3.6.1.4.1.19376.1.5.3.1.4.20.9 | | | | | | |
| **Parent Template** | | | |  | | | | | | |
| **General Description** | | | | A Usual Occupation Duration entry is a clinical statement about a quantity of time. | | | | | | |
| **Class/Mood** | | **Code** | | | | **Data Type** | **Value** | | | |
| ClassCode=  “OBS”  MoodCode=  “EVN” | | Code = 74163-7  Display Name = Usual Occupation Duration  CodeSystem = 2.16.840.1.113883.6.1  CodeSystemName=LOINC | | | | Observation | Value xsi:type=PQ representing the number of years of months. Units shall be expressed in UCUM. | | | |
| **Opt and Card** | **entryRelationship** | | **Description** | | **Template ID** | | | **Specification Document** | **Vocabulary Constraint** |
|  |  | |  | |  | | |  |  |

[observation: templateId 1.3.6.1.4.1.19376.1.5.3.1.4.20.9 (open)]

A Usual Occupation Duration Entry is a clinical statement about the quantity of time a person spent in the occupation they held the longest over the course of their career.

1. **SHALL** contain exactly one [1..1] **@classCode**="OBS" (CodeSystem: 2.16.840.1.113883.5.6 HL7ActClass).
2. **SHALL** contain exactly one [1..1] **@moodCode**="EVN" Event (CodeSystem: ActMood 2.16.840.1.113883.5.1001) .
3. **SHALL** contain exactly one [1..1] **templateId** such that it
   1. **SHALL** contain exactly one [1..1] **@root**="1.3.6.1.4.1.19376.1.5.3.1.4.20.9".
4. **SHALL** contain at least one [1..\*] **id**.
5. **SHALL** contain exactly one [1..1] **code**.
   1. **SHall** be 74163-7 (Usual Occupation Duration) from LOINC.
6. **SHALL** contain exactly one [1..1] **statusCode**="completed" Completed (CodeSystem: ActStatus 2.16.840.1.113883.5.14).
7. SHALL contain exactly one [1..1] value with @xsi:type="PQ".
   1. This value SHALL contain exactly one [1..1] @unit, which SHALL include duration-related units from value set UCUM 2.16.840.1.113883.1.11.12839.

Replace the following section 6.3.4.70 Usual Industry Duration

#### 6.3.4.70 Usual Industry Duration Entry

Table 6.3.4.70-1: Usual Industry Duration Entry 1.3.6.1.4.1.19376.1.5.3.1.4.20.10

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Template Name** | | | | Usual Industry Duration Entry | | | | | | |
| **Template ID** | | | | 1.3.6.1.4.1.19376.1.5.3.1.4.20.10 | | | | | | |
| **Parent Template** | | | |  | | | | | | |
| **General Description** | | | | A Usual Industry Duration entry is a clinical statement about a quantity of time in which a person was employed in an industry. | | | | | | |
| **Class/Mood** | | **Code** | | | | **Data Type** | **Value** | | | |
| ClassCode=  “OBS”  MoodCode=  “EVN” | | Code = 74162-9  Display Name = Usual Industry Duration  CodeSystem = 2.16.840.1.113883.6.1  CodeSystemName=LOINC | | | | Observation | Value xsi:type=PQ representing the number of years of months. Units shall be expressed in UCUM. | | | |
| **Opt and Card** | **entryRelationship** | | **Description** | | **Template ID** | | | **Specification Document** | **Vocabulary Constraint** |
|  |  | |  | |  | | |  |  |

[observation: templateId 1.3.6.1.4.1.19376.1.5.3.1.4.20.10

(open)]

A Usual Industry Duration Entry is a clinical statement about the quantity of time a person spent in a particular industry in which they worked for the longest over the course of their career.

1. **SHALL** contain exactly one [1..1] **@classCode**="OBS" (CodeSystem: 2.16.840.1.113883.5.6 HL7ActClass).
2. **SHALL** contain exactly one [1..1] **@moodCode**="EVN" Event (CodeSystem: ActMood 2.16.840.1.113883.5.1001) .
3. **SHALL** contain exactly one [1..1] **templateId** such that it
   1. **SHALL** contain exactly one [1..1] **@root**="1.3.6.1.4.1.19376.1.5.3.1.4.20.10".
4. **SHALL** contain at least one [1..\*] **id** .
5. **SHALL** contain exactly one [1..1] **code**.
   1. **SHall** be 74162-9 (Usual Industry Duration) from LOINC.
6. **SHALL** contain exactly one [1..1] **statusCode**="completed" Completed (CodeSystem: ActStatus 2.16.840.1.113883.5.14) .
7. SHALL contain exactly one [1..1] value with @xsi:type="PQ".
   1. This value SHALL contain exactly one [1..1] @unit, which SHALL include duration-related units from value set UCUM 2.16.840.1.113883.1.11.12839.

#### 6.3.4.71 Pregnancy Status Review Organizer (1.3.6.1.4.1.19376.1.5.3.1.4.22)

The pregnancy status review organizer collects observations of the responses the patient gave to a set of routine questions regarding potential pregnancy in females of child-bearing-age.

##### 6.3.4.71.1 Specification

<organizer classCode='CLUSTER' moodCode='EVN'>

<templateId root=''/>

<id root='' extension=''/>

<code code='' displayName=''   
   codeSystem=''  
   codeSystemName=''/>

<statusCode code='completed'/>

<effectiveTime value=''/>

<!-- For HL7 Version 3 Messages

<author classCode='AUT'>

<assignedEntity1 typeCode='ASSIGNED'>

 :

<assignedEntity1>

</author>

-->

<!-- One or more components -->

<component typeCode='COMP'>

<!-- Or a pregnancy status observation -->

<observation classCode='OBS' moodCode='EVN'>

<templateId root=''/>

 :

</observation>

</component>

</organizer>

##### 6.3.4.71.2 <organizer classCode='CLUSTER' moodCode='EVN'>

The pregnancy status review organizer is a cluster of pregnancy status review observations.

##### 6.3.4.71.3 <templateId root=''/>

The pregnancy status review organizer shall have the <templateId> element shown above to indicate that it conforms to this specification.

##### 6.3.4.71.4 <id root=' ' extension=' '/>

The organizer shall have an <id> element.

##### 6.3.4.71.5 <code code='118185001' displayName='Pregnancy Observations'    codeSystem='2.16.840.1.113883.6.96'    codeSystemName='SNOMED-CT'/>

The organizer shall contain a code describing the observations present. The recommended code is shown above.

##### 6.3.4.71.6 <statusCode code='completed'/>

The observations have all been completed.

##### 6.3.4.71.7 <effectiveTime value=' '/>

The effective time element shall be present to indicate the interval of the pregnancy status review.

##### 6.3.4.71.8 <author typeCode='AUT'><assignedEntity1 typeCode='ASSIGNED'>...</assignedEntity1></author>

For use with HL7 Version 3, pregnancy status review organizers MAY contain an <author> element to represent the person or device.

##### 6.3.4.71.9 <component typeCode='COMP'>

The organizer shall have one or more <component> elements that are instances of pregnancy status review observations.

#### 6.3.4.72 Pregnancy Status Review Observation (1.3.6.1.4.1.19376.1.5.3.1.4.22.1)

A pregnancy Status Review observation is a Simple Observation that uses a specific vocabulary to record observations about a patient's current pregnancy status.

##### 6.3.4.72.1 Parent Template

The parent of this template is [Simple Observation](http://wiki.ihe.net/index.php?title=1.3.6.1.4.1.19376.1.5.3.1.4.13).

###### 6.3.4.72.1.1 Uses

See [Templates using Pregnancy Status Review Observation](http://wiki.ihe.net/index.php?title=Category:Templates_using_1.3.6.1.4.1.19376.1.5.3.1.4.13.5)

##### 6.3.4.72.2 Specification

Pregnancy Status Review Observation Example

<observation classCode='OBS' moodCode='EVN'>

<templateId root='1.3.6.1.4.1.19376.1.5.3.1.4.22.1'/>

<templateId root=''/>

<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=' '/>~~

</observation>

##### 6.3.4.72.3 <templateId root='1.3.6.1.4.1.19376.1.5.3.1.4.22.1'/>  <templateId root=''/>

These <templateId> elements identify this <observation> as a pregnancy status review observation, allowing for validation of the content. The <templateId> elements shall be recorded as shown above.

##### 6.3.4.72.4 <code code=' ' displayName=' '   codeSystem=''   codeSystemName='/>

A pregnancy status observation shall have a code describing what facet of patient's pregnancy status is being recorded.

##### 6.3.4.72.5 ~~<repeatNumber value=' '/>~~

The <repeatNumber> element should not be present in a pregnancy status review observation.

##### 6.3.4.72.6 <value xsi:type=' ' .../>

The value of the observation shall be recording using a data type appropriate to the coded observation according to the table above.

##### 6.3.4.72.7 ~~<interpretationCode code=' ' codeSystem=' ' codeSystemName=' '/> <methodCode code=' ' codeSystem=' ' codeSystemName=' '/> <targetSiteCode code=' ' codeSystem=' ' codeSystemName=' '/>~~

The <interpretationCode>, <methodCode>, and <targetSiteCode> should not be present in a pregnancy status review observation.

#### 6.3.4.73 Performer

The performer template is used to identify the healthcare provider who was the primary performer of an act. The provider name, address, contact information and identifier are provided to ensure that the performer of the act can be contacted in case there are any questions about the act.

<performer typeCode="PRF">

<templateId root="**1.3.6.1.4.1.19376.1.5.3.1.1.24.3.5**"/>

<assignedEntity classCode="ASSIGNED">

<id root="" extension=""/>

<addr></addr>

<telecom></telecom>

<assignedPerson>

<name></name>

</assignedPerson>

<representedOrganization>

<name></name>

<addr></addr>

<telecom></telecom>

</representedOrganization>

</assignedEntity>

</performer>

##### 6.3.4.73.1 <performer typeCode="PRF">

The performer element identifies a healthcare provider that performed any activity. A performer is distinct from an author, as the performer is the one who does the work, whereas the author is the person who documented or created it.

1. This template shall be used only in performer elements inside any CDA (V3) act.
2. The @typeCode attribute of the performer element shall use the value **PRF**.

##### 6.3.4.73.2 <templateId root="1.3.6.1.4.1.19376.1.5.3.1.1.24.3.5"/>

The performer element asserts conformance to the Performer template.

1. The performer shall contain a templateId/@root attribute containing the value **1.3.6.1.4.1.19376.1.5.3.1.1.24.3.5** to assert conformance to this template.

##### 6.3.4.73.3 <assignedEntity classCode="ASSIGNED">

An assignedEntity element appears to identify the performer.

1. The performer shall contain only one **[1..1]** assignedEntity element.
2. The assignedEntity/@classCode value in the performer element shall be **ASSIGNED**.

##### 6.3.4.73.4 <id root="" extension=""/>

The identifier of the healthcare provider performing the act should be present.

1. The performer element shall contain at least one **[1..\*]** id element.
2. The id element may use the @nullFlavor attribute when the information is unknown. (clarify that there SHOULD be an id/@root).

##### 6.3.4.73.5 <addr></addr>

The mailing address of the healthcare provider performing the act should be present to enable the provider to be contacted.

1. The performer element shall contain at least one **[1..\*]** addr element.
2. The addr element may use @nullFlavor if the information is unknown.

##### 6.3.4.73.6 <telecom></telecom>

The provider telephone number should be provided to enable the performer of the reconciliation to be contacted.

1. The performer element shall contain at least one **[1..1]** telecom element.
2. The telecom element may use @nullFlavor to indicate that information is unknown.

##### 6.3.4.73.7 <assignedPerson>

1. The performer element shall contain only one **[1..1]** assignedPerson elements further identifying the person.

##### 6.3.4.73.8 <name></name>

The name of the provider performing the act should be provided.

1. The performer shall contain at least one **[1..\*]** assignedPerson/name element.
2. The name element may use @nullFlavor to indicate that the information is unknown.

##### 6.3.4.73.9 <representedOrganization>

The name and identifier of the organization represented by the performer should be provided.

1. The performer shall contain only one **[1..1]** representedOrganization element.

##### 6.3.4.73.10 <id root='…' extension='…'/>

The identifier of the organization represented must appear.

1. The representedOrganization element shall contain at least one **[1..\*]** representedOrganization/id element.
2. The id element may use @nullFlavor to indicate that the identifier is unknown.

##### 6.3.4.73.11 <name></name>

The name of the organization represented must appear.

1. The representedOrganization element shall contain at least one **[1..\*]** representedOrganization/name element.
2. The name element shall not use @nullFlavor to indicate that information is unknown.

##### 6.3.4.73.12 <addr></addr>

The mailing address of the represented organization should be present to allow the organization to be contacted when the performer is not available.

1. The performer element shall contain at least one **[1..\*]** representedOrganization/addr element.
2. The addr element may use @nullFlavor attribute to indicate that information is unknown.

##### 6.3.4.73.13 <telecom></telecom>

The telephone number of the represented organization should be present to allow the organization to be contacted when the performer is not available.

1. The performer element shall contain at least one **[1..\*]** telecom element.
2. The telecom element may use @nullFlavor to indicate that the information is unknown.

Add the following section 6.3.4.74 Weekly Work Days Observation

#### 6.3.4.74 Weekly Work Days Observation Entry

Table 6.3.4.71-1 Weekly Work Days Observation Entry 1.3.6.1.4.1.19376.1.5.3.1.4.20.11

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Template Name** | | | | Weekly Work Days Observation Entry | | | | | | |
| **Template ID** | | | | 1.3.6.1.4.1.19376.1.5.3.1.4.20.11 | | | | | | |
| **Parent Template** | | | |  | | | | | | |
| **General Description** | | | | The typical days per week that a person spends working. | | | | | | |
| **Class/Mood** | | **Code** | | | | **Data Type** | **Value** | | | |
| ClassCode=  “OBS”  MoodCode=  “EVN” | | Code = 74160-3  Display Name = Weekly Work Days  CodeSystem = 2.16.840.1.113883.6.1  CodeSystemName=LOINC | | | | Observation | value with @xsi:type="INT" | | | |
| **Opt and Card** | **entryRelationship** | | **Description** | | **Template ID** | | | **Specification Document** | **Vocabulary Constraint** |
|  |  | |  | |  | | |  |  |

[observation: templateId 1.3.6.1.4.1.19376.1.5.3.1.4.20.11 (open)]

A clinical statement about the typical number of days per week that a person spends performing their duties for work.

1. **SHALL** contain exactly one [1..1] **@classCode**="OBS" (CodeSystem: 2.16.840.1.113883.5.6 HL7ActClass).
2. **SHALL** contain exactly one [1..1] **@moodCode**="EVN" Event (CodeSystem: ActMood 2.16.840.1.113883.5.1001) .
3. **SHALL** contain exactly one [1..1] **templateId** such that it
   1. **SHALL** contain exactly one [1..1] **@root**="1.3.6.1.4.1.19376.1.5.3.1.4.20.11".
4. **SHALL** contain at least one [1..\*] **id**.
5. **SHALL** contain exactly one [1..1] **code**.
   1. **SHall** be 74160-3 (Weekly Work Days) from LOINC.
6. **SHALL** contain exactly one [1..1] **statusCode**="completed" Completed (CodeSystem: ActStatus 2.16.840.1.113883.5.14).
7. SHALL contain exactly one [1..1] value with @xsi:type="INT".
   1. This value SHALL contain exactly one [1..1] @value, which represents the number of days in a week that a person usually works.

Add Section 6.4

## 6.4 HL7 Version 2.0 Content Modules

This section contains content modules based upon the HL7 Version 2 Standard, and related standards and/or implementation guides.

Add Section 6.5

## 6.5 PCC Value Sets

This section contains value sets used by Content Modules. The value sets listed here may be used by other domains (e.g., QRPH) in addition to the PCC domain.

Note: Although some tables in this section include a column for “Units”, units may not be applicable to all table entries and the cell will remain blank.

Add Section 6.5.A

### 6.5.A Antepartum History of Past Illness Value Set 1.3.6.1.4.1.19376.1.5.3.1.1.16.5.1

| Name | Opt | Type | Units | SNOMED CT |
| --- | --- | --- | --- | --- |
| Diabetes | R2 | CD |  | 73211009 |
| Hypertension | R2 | CD |  | 38341003 |
| Heart Disease | R2 | CD |  | 56265001 |
| Autoimmune Disorder | R2 | CD |  | 85828009 |
| Kidney Disease | R2 | CD |  | 90708001 |
| UTI | R2 | CD |  | 68566005 |
| Neurologic | R2 | CD |  | 118940003 |
| Epilepsy | R2 | CD |  | 84757009 |
| Psychiatric | R2 | CD |  | 74732009 |
| Depression | R2 | CD |  | 41006004 |
| Postpartum Depression | R2 | CD |  | 58703003 |
| Hepatitis | R2 | CD |  | 128241005 |
| Liver Disease | R2 | CD |  | 235856003 |
| Varicosities | R2 | CD |  | 276504003 |
| Phlebitis | R2 | CD |  | 61599003 |
| Thyroid Dysfunction | R2 | CD |  | 14304000 |
| Trauma | R2 | CD |  | 417746004 |
| Violence | R2 | CD |  | 225818009 |
| History of Blood Transfusion | R2 | CD |  | 116859006 |
| D(Rh) Sensitized | R2 | CD |  | 3885002 |
| Pulmonary | R2 | CD |  | 19829001 |
| Seasonal Allergies | R2 | CD |  | 367498001 |
| Drug Allergy | R2 | CD |  | 416098002 |
| Latex Allergy | R2 | CD |  | 300916003 |
| Food Allergy | R2 | CD |  | 414285001 |
| Breast | R2 | CD |  | 79604008 |
| Hospitalizations | R2 | CD |  | 32485007 |
| Anesthetic Complications | R2 | CD |  | 33211000 |
| History of Abnormal Pap | R2 | CD |  | 274688009 |
| Uterine Anomaly/DES | R2 | CD |  | 37849005 |
| DES Exposure | R2 | CD |  | 413340008 of fetus |
| Infertility | R2 | CD |  | 8619003 |
| Artificial Reproductive Therapy (ART) Treatment | R2 | CD |  | 63487001 |
| History of Gestational Diabetes | R2 | CD |  |  |
| History of Incompetent Cervix | R2 | CD |  | 17382005  Code is for incompetent cervix rather than history of. Given this condition this should be okay. |
| History of Infant with Intrauterine Growth Restriction | R2 | CD |  | Need Code for history of. |
| History of Infant with Macrosomia | R2 | CD |  | Need Code for history of. |
| History of Pregnancy Induced Hypertension | R2 | CD |  | Need code for history of. |
| History of Placenta Previa/Abruption | R2 | CD |  | Need Code for history of. |
| History of Preterm labor | R2 | CD |  | 441493008 |
| History of Premature Rupture of Membranes | R2 | CD |  | Need Code for history of. |
| Previous Cesarean Section | R2 | CD |  | 161805006 |
| History of Stillbirth | R2 | CD |  | 161743003 |
| History of Neonatal Death | R2 | CD |  | Need code for history of. |
| History of Postpartum Hemorrhage | R2 | CD |  | 161809000 |

Add Section 6.5.C

### 6.5.C Antepartum Family History and Genetic Screening Value Set 1.3.6.1.4.1.19376.1.5.3.1.1.16.5.4

| Name | Opt | Type | Units | SNOMED CT | LOINC |
| --- | --- | --- | --- | --- | --- |
| Autism | R2 | CD |  | 408856003 |  |
| Blood Disorders | R2 | CD |  | 414022008 |  |
| Canavan Disease | R2 | CD |  | 80544005 |  |
| Chromosomal Disorder Includes any inherited genetic or chromosomal disorders | R2 | CD |  | 409709004 |  |
| Congenital Heart Defect | R2 | CD |  | 13213009 |  |
| Cystic Fibrosis | R2 | CD |  | 190905008 |  |
| Dysmorphism (Birth Defect) Patient or baby's father has a child with birth defects | R2 | CD |  | 276720006 |  |
| Down Syndrome | R2 | CD |  | 41040004 |  |
| Familial Dysautonomia | R2 | CD |  | 29159009 |  |
| Hemophilia | R2 | CD |  | 90935002 |  |
| Huntington's Chorea | R2 | CD |  | 58756001 |  |
| Maternal Metabolic Disorder | R2 | CD |  | 75934005 |  |
| Mental Retardation | R2 | CD |  | 91138005 |  |
| Muscular Dystrophy | R2 | CD |  | 73297009 |  |
| Neural Tube Defect | R2 | CD |  | 253098009 |  |
| Recurrent pregnancy loss/stillbirth | R2 | CD |  | 102878001 |  |
| Sickle Cell Disease | R2 | CD |  | 417357006 |  |
| Sickle Cell Trait | R2 | CD |  | 16402000 |  |
| Tay-Sachs | R2 | CD |  | 111385000 |  |
| Thalassemia | R2 | CD |  | 40108008 |  |

Add Section 6.5.D

### 6.5.D Antepartum Review of Systems Menstrual History Value Set 1.3.6.1.4.1.19376.1.5.3.1.1.16.5.5

| Name | Opt | Type | Units | SNOMED CT | LOINC |
| --- | --- | --- | --- | --- | --- |
| Date of Last Menstrual Period | R | TS |  | 21840007 |  |
| Menses Monthly | R | BL |  | 364307006 |  |
| Prior Menses Date | R | TS |  | 21840007 |  |
| Duration of Menstrual Flow | R | PQ | days | 364306002 |  |
| Frequency of Menstrual Cycles | R | PQ | days | 289887006 |  |
| On Birth Control Pills at conception | R | BL |  | 10036567 |  |
| Menarche | R | PQ |  | 398700009 |  |
| hCG+ | R | TS |  | 250423000 |  |

Add Section 6.5.E

### 6.5.E Antepartum History of Infection Value Set 1.3.6.1.4.1.19376.1.5.3.1.1.16.5.6

| Name | Opt | Type | Units | SNOMED CT | LOINC |
| --- | --- | --- | --- | --- | --- |
| Live with someone with TB or exposed to TB | R2 | CD |  | 170464005 |  |
| History of Genital Herpes | R2 | CD |  | 402888002 |  |
| Exposed to Genital Herpes | R2 | CD |  | 240480009 |  |
| Rash since LMP | R2 | CD |  | 49882001 |  |
| Viral illness since LMP | R2 | CD |  | 34014006 |  |
| Rash or viral illness since LMP | R2 | CD |  | 49882001 |  |
| Hepatitis B | R2 | CD |  | 235871004 |  |
| Hepatitis C | R2 | CD |  | 235872006 |  |
| History of STD | R2 | CD |  | 8098009 |  |
| History of Gonorrhea | R2 | CD |  | 15628003 |  |
| History of Chlamydia | R2 | CD |  | 312099009 |  |
| History of HPV | R2 | CD |  | 302812006 |  |
| History of HIV | R2 | CD |  | 165816005 |  |
| History of Syphilis | R2 | CD |  | 76272004 |  |

Add Section 6.5.F

### 6.5.F Antepartum Laboratory Value Set 1.3.6.1.4.1.19376.1.5.3.1.1.16.5.7

| Lab | LOINC Code | Comments |
| --- | --- | --- |
| Antibody Screen (AB) | |  |  | | --- | --- | | 890-4 | Ab Screen | |  |
| Blood Type (ABO Group) | |  |  |  | | --- | --- | --- | | 883-9 | ABO Group |  | |  |
| Rh | |  |  | | --- | --- | | 10331-7 | Rh | |  |
| Hepatitis B virus (HBV) surface Antigen (Ag) | |  |  | | --- | --- | | 5196-1 | HBV surface Ag (EIA) | | 5195-3 | HBV surface Ag | | 5197-9 | HBV surface Ag (RIA) | | 7905-3 | HBV surface Ag (Neut) | |  |
| Hemoglobin (Hgb)/Hematocrit (Hct) | |  |  | | --- | --- | | 718-7 | Hgb | | 4544-3 | Hct (Automated count) | | 30350-3 | Hgb | |  |
| Hemoglobin (Hgb) Electrophoresis | |  |  | | --- | --- | | 13514-5 | Hemoglobin pattern [interpretation] in Blood by Electrophoresis Narrative | | Appropriate code appears to be 13514-5 |
| Aneuploidy Screening (Ultrasound) | XX-ASU Aneuploidy Screening (Ultrasound) | XX-ASU: A LOINC profile code will be requested |
| Pap Test/Human papilloma virus (HPV) | |  |  | | --- | --- | | 21440-3 | HPV I/H Risk DNA Cervix (Probe) | | 21441-1 | HPV Low Risk DNA Cervix (Probe) | | 10524-7 | Cytology Cervix | | 18500-9 | Thin Prep Cervix | | 19765-7 | Cytology Cervix/Vaginal (Nominal) | | 19766-5 | Cytology Cervix/Vaginal (Narrative) | |  |
| Rubella Virus (RUBV) Antibody (Ab) | |  |  | | --- | --- | | 5334-8 | RUBV Ab IgG (EIA) | | 20458-6 | RUBV Ab IgG | | 40667-8 | RUBV Ab IgG (EIA) | | 8014-3 | RUBV Ab IgG | |  |
| Urine Culture Screen | |  |  | | --- | --- | | 630-4 | Bacteria Urine Culture | |  |
| Purified protein derivative (PPD) | |  |  | | --- | --- | | 1647-7 | Purified protein derivative skin test | |  |
| Chlamydia | |  |  | | --- | --- | | 6347-9 | Chlamydia Ag | | 14510-2 | Chlamydia trachomatis Ag (Vaginal) | | 14474-1 | Chlamydia trachomatis Ag (Urine) | | 6349-5 | Chlamydia trachomatis (Unspecified specimen) | |  |
| Gonorrhea | |  |  | | --- | --- | | 691-6 | Neisseria Gonorrhoeae (genital specimen) | | 9568-7 | Neisseria Gonorrhoeaea Ab | |  |  | |  |
| Chlamydia Trachomatis/ Neisseria Gonorrhoeae | |  |  | | --- | --- | | 45067-6 | Chlamydia Trachomatis Neisseria Gonorrhoeae (Cervix) | | 45074-2 | Chlamydia Trachomatis Neisseria Gonorrhoeae (Urine) | |  |
| Ultrasound | |  |  | | --- | --- | | 35096-7 | OB Ultrasound Panel | |  |
| Alpha-Feto Protein (Maternal) (Profile) | |  |  | | --- | --- | | 30525-0 | Age | | 29463-7 | Body Weight | | 18185-9 | Gestational Age | | 20450-3 | Alpha-1-Fetoprotein | | 48803-1 | Neural Tube Defect Risk | |  |
| Chorionic Villus Sampling (CVS) | |  |  | | --- | --- | | 33774-1 | Karotype | |  |
| Amniotic Fluid (Karotype) | |  |  | | --- | --- | | 33773-3 | Karyotype (Amino Fluid) | |  |
| Amniotic Fluid (AFP) | |  |  | | --- | --- | | 41273-4 | Alpha-1-Fetoprotein, Amniotic Fluid Semi-Quantitative | | 1832-5 | Alpha-1-Fetoprotein [Multiple of the median] in Amniotic Fluid | | 29595-6 | Alpha-1-Fetoprotein [Mass/volume] in Amniotic Fluid | |  |
| Diabetes Screen | |  |  | | --- | --- | | 1557-8 | Fasting Blood Glucose-Venous | | 14770-2 | Fasting Blood Glucose-Capillary | |  |
| Glucose Tolerance Test (GTT) | |  |  | | --- | --- | | 1507-3 | Glucose 1HR post 75 g glucose | | 14995-5 | Glucose 2HR post 75 g glucose | | 20437-0 | Glucose 3HR post 75 g glucose | |  |
| Rapid Plasma Reagin (RPR) | |  |  | | --- | --- | | 31147-2 | Reagin Ab | | 20508-8 | Reagin Ab by RPR | |  |
| Venereal Disease Research Laboratory (VDRL) | |  |  | | --- | --- | | 5292-8 | Reagin Ab by VDRL | |  |
| Group B Strep | |  |  | | --- | --- | | 48683-7 | Beta Strep Group B (PCR) | | 11267-2 | Strep Group B | |  |  | |  |
| Beta Human Chorionic Gonadotropin (HCG) | |  |  | | --- | --- | | 21198-7 | Beta HCG | |  |
| Varicella zoster virus Ab.IgG | |  |  | | --- | --- | | 15410-4 | Varicella zoster virus Ab.IgG (EIA) | | 17763-4 | Varicella zoster virus Ab.IgG (IF) | |  |
| Maternal Serum Triple Screen | |  |  | | --- | --- | | 30525-0 | Age, Patient Quantitative | | 20450-3 | Alpha-1-Fetoprotein Multiple of the Median, Serum Quantitative Calculated | | 20465-1 | Choriogonadotropin/Choriogonatotropin, Control Serum Quantitative | | 20466-9 | Estriol/Estriol, Control Serum Quantitative | |  |
| Urinalysis (Urine Screen) | |  |  | | --- | --- | | 20406-5 | Glucose | | 20505-4 | Bilirubin | | 5797-6 | Ketones | | 5811-5 | Specific Gravity | | 5803-2 | pH | | 5804-0 | Protein | | 20405-7 | Urobilinogen | | 20407-3 | Nitrite | | 5794-3 | Hemoglobin | | 5799-2 | Leukocyte esterase | | 5767-9 | Appearance | | 5778-6 | Color | | 9842-6 | Casts | | 5787-7 | Epithelial cells | | 13945-1 | Erythrocytes | | 5769-5 | Bacteria | |  |
| First Trimester Maternal Serum Screening with Nuchal Translucency | 49588-7 First trimester maternal screen with nuchal translucency [interpretation] Narrative |  |
| Thyroid Stimulating Hormone (TSH) | |  |  | | --- | --- | | 11580-8 | Thyrotropin (3rd generation) | | 3016-3 | TSH | | 5385-0 | Thyrotropin Receptor Ab | | 27975-2 | TSH (serum) | |  |
| Triiodothyronine (T3) | |  |  | | --- | --- | | 3051-0 | T3 Free | | 3052-8 | T3 Reverse | | 3054-4 | T3 True | | 3050-2 | T3 Resin Uptake | |  |

Add Section 6.5.G

### 6.5.G Antepartum Education Value Set 1.3.6.1.4.1.19376.1.5.3.1.1.16.5.8

| Name | Opt | Type | units | SNOMED CT | LOINC |
| --- | --- | --- | --- | --- | --- |
| First Trimester | | | | | |
| Risk factors identified by prenatal history | R2 | CD |  | 440047008 |  |
| Anticipated course of prenatal care | R2 | CD |  | 17629007 |  |
| Special Diet | R2 | CD |  | 171054004 |  |
| Nutrition and weight gain counseling | R2 | CD |  | 171054004 |  |
| Toxoplasmosis precautions (cats/raw meat) | R2 | CD |  | 439733009 |  |
| Sexual activity | R2 | CD |  | 162169002 |  |
| Exercise | R2 | CD |  | 171056002 |  |
| Influenza vaccine | R2 | CD |  | xx-edu-influenza need code closest is vaccine education  171044003 |  |
| Smoking/tobacco counseling | R2 | CD |  | 171055003 |  |
| Environmental/work hazards | R2 | CD |  | 385872009 |  |
| Travel | R2 | CD |  | 439816006 |  |
| Alcohol | R2 | CD |  | 171057006 |  |
| Illicit/recreational drugs | R2 | CD |  | 425014005 |  |
| Use of any medications | R2 | CD |  | 171058001 |  |
| Indications for ultrasound | R2 | CD |  | 440227005 |  |
| Domestic violence | R2 | CD |  | 413457006 |  |
| Seatbelt use | R2 | CD |  | 440638004 |  |
| Childbirth classes/hospital facilities | R2 | CD |  | 66961001 |  |
| Second Trimester | | | | | |
| Childbirth classes/hospital facilities | R2 | CD |  | 66961001 |  |
| Signs and symptoms of preterm labor | R2 | CD |  | 440669000 |  |
| Abnormal Lab Values | R2 | CD |  | 410299006 |  |
| Influenza vaccine | R2 | CD |  | xx-edu-fluvaccine need code. Closest is vaccine education  171044003 |  |
| Selecting a newborn care provider | R2 | CD |  | 439908001 |  |
| Postpartum family planning | R2 | CD |  | 54070000 |  |
| Tubal sterilization | R2 | CD |  | 243064009 |  |
| Third Trimester | | | | | |
| Anesthesia/analgesia plans | R2 | CD |  | 243062008 |  |
| Intended Facility for Delivery plan |  |  |  | 310585007 |  |
| Fetal movement monitoring | R2 | CD |  | 440309009 |  |
| Labor signs | R2 | CD |  | 440671000 |  |
| VBAC counseling | R2 | CD |  | 440073003 |  |
| Signs & Symptoms of Pregnancy-induced hypertension | R2 | CD |  | xx-edu-sspreclampsia need to request code |  |
| Postterm counseling | R2 | CD |  | xx-edu-postterm need to request code |  |
| Circumcision | R2 | CD |  | 184002001 |  |
| Bottle feeding | R2 | CD |  | 169644004 |  |
| Breast feeding | R2 | CD |  | 169643005 |  |
| Postpartum depression | R2 | CD |  | 439366005 |  |
| Newborn education (Newborn screening, jaundice, SIDS, car seat) | R2 | CD |  | 75461000 |  |
| Family medical leave or disability forms | R2 | CD |  | 40791000 |  |
| Tubal sterilization consent signed | R2 | CD |  | 408835000 |  |

Add section 6.5.H. (Added 2011-09 from QRPH EHCP Profile)

The value subsets provided in this section are used both to constrain the CDA content, and to assert measure logic. These MAY be supported by the Value Set Repository Actor for value set management as defined by the IHE ITI TF Sharing of Value Sets (SVS) Profile.

### 6.5.H JCIH-EHDI Risk Indicators for Hearing Loss (LOINC®) Value Set

#### 6.5.H.1 Metadata

| Metadata Element | Description | Mandatory |
| --- | --- | --- |
| Identifier | unique identifier of the value set | 1.3.6.1.4.1.19376.1.7.3.1.1.15.2.24 |
| Name | name of the value set | JCIH-EHDI Risk Indicators for Hearing Loss (LOINC®) Value Set |
| Source | source of the value set, identifying the originator or publisher of the information | IHE Quality Research and Public Health Domain |
| Purpose | Brief description about the general purpose of the value set | To Reflect the Risk Indicators for Hearing Loss associated with hearing loss using LOINC® concepts |
| Definition | A text definition describing how concepts in the value set were selected | **Extensional definition:** The value set was constructed by enumerating the codes from LOINC® |
| Source URI | Most sources also have a URL or document URI that provides further details regarding the value set. | <http://loinc.org> |
| Version | A string identifying the specific version of the value set. | Version 1.0 |
| Status | Active (Current) or Inactive | Active |
| Effective Date | The date when the value set is expected to be effective | 8/1/2010 |
| Expiration Date | The date when the value set is no longer expected to be used | N/A |
| Creation Date | The date of creation of the value set | 8/1/2010 |
| Revision Date | The date of revision of the value set | N/A |
| Groups | The identifiers of the groups that include this value set. A group MAY also have an OID assigned. | IHE EHDI |

#### 6.5.H.2 JCIH-EHDI Risk Indicators for Hearing Loss (LOINC®) Value Set Value Set

*LOINC® 58232-0 Hearing Loss Risk Indicator*

|  | Value Set : | 1.3.6.1.4.1.19376.1.7.3.1.1.15.2.24 |
| --- | --- | --- |
|  | Vocabulary: | 2.16.840.1.113883.6.1 |
| Sequence | LOINC® Code | Description |
| 1 | LA137-2 | None |
| 2 | LA12667-4 | Caregiver concern about hearing |
| 3 | LA12668-2 | Family Hx of hearing loss |
| 4 | LA12669-0 | NICU stay > 5 days |
| 5 | LA12670-8 | ECMO |
| 6 | LA12671-6 | Assisted ventilation |
| 7 | LA12672-4 | Ototoxic medication use |
| 8 | LA12673-2 | Exchange transfusion for Hyperbilirubinemia |
| 9 | LA12674-0 | In utero infection(s) |
| 10 | LA12675-7 | Craniofacial anomalies |
| 11 | LA12681-5 | Physical findings of syndromes that include hearing loss |
| 12 | LA12676-5 | Syndromes associated with hearing loss |
| 13 | LA12677-3 | Neurodegenerative disorders |
| 14 | LA12678-1 | Postnatal infections |
| 15 | LA12679-9 | Head trauma |
| 16 | LA6172-6 | Chemotherapy |

Add section 6.5.I. (Added 2011-09 from QRPH EHCP Profile)

### 6.5.I JCIH-EHDI Risk Indicators for Hearing Loss Codes

#### 6.5.I.1 Metadata

| Metadata Element | Description | Mandatory |
| --- | --- | --- |
| Identifier | unique identifier of the value set | 1.3.6.1.4.1.19376.1.7.3.1.1.15.2.11 |
| Name | name of the value set | JCIH-EHDI Risk Indicators for Hearing Loss Value Set |
| Source | source of the value set, identifying the originator or publisher of the information | IHE Quality Research and Public Health Domain |
| Purpose | Brief description about the general purpose of the value set | To Reflect the risk indicators for hearing loss associated with hearing loss using SNOMED-CT Finding/Situation concepts |
| Definition | A text definition describing how concepts in the value set were selected | Extensional definition: The value set was constructed by enumerating the codes from SNOMED-CT |
| Source URI | Most sources also have a URL or document URI that provides further details regarding the value set. | <http://www.nlm.nih.gov/research/umls/Snomed/snomed_main.html> |
| Version | A string identifying the specific version of the value set. | Version 1.0 |
| Status | Active (Current) or Inactive | Active |
| Effective Date | The date when the value set is expected to be effective | 8/1/2010 |
| Expiration Date | The date when the value set is no longer expected to be used | N/A |
| Creation Date | The date of creation of the value set | 8/1/2010 |
| Revision Date | The date of revision of the value set | N/A |
| Groups | The identifiers of the groups that include this value set. A group MAY also have an OID assigned. | IHE EHDI |

#### 

#### 6.5.I.2 JCIH-EHDI Risk Indicators for Hearing Loss Value Set

*SNOMED-CT Risk Indicators for Hearing Loss Value Set*

|  | Value Set : | 1.3.6.1.4.1.19376.1.7.3.1.1.15.2.11 |
| --- | --- | --- |
|  | Vocabulary: | 2.16.840.1.113883.6.96 |
| Sequence | SNOMED-CT Code | Description |
| 1 | 439750006 | Family history of hearing loss (situation) |
| 2 | 441899004 | History of therapy with ototoxic medication (situation) |
| 3 | 276687002 | Conjugated hyperbilirubinemia in infancy (disorder) |
| 4 | 281610001 | Neonatal hyperbilirubinemia (disorder) |
| 5 | 281612009 | Neonatal conjugated hyperbilirubinemia (disorder) |
| 6 | 281611002 | Neonatal unconjugated hyperbilirubinemia (disorder) |
| 7 | 206363004 | Intra-amniotic fetal infection (disorder) (Deprecated, replaced by 11618000) |
| 8 | 206331005 | Infections specific to perinatal period (disorder) |
| 9 | 206005002 | Fetus or neonate affected by maternal infection (disorder) |
| 10 | 80690008 | Degenerative disease of the central nervous system (disorder) |
| 11 | 178280004 | Postnatal infection (disorder) |
| 12 | 312972009 | Neonatal extracranial head trauma (disorder) |
| 13 | 161653008 | History of - chemotherapy (situation) |
| 14 | 11618000 | Intra-amniotic infection of fetus (disorder) (Replaces 206363004) |

#### 6.5.I.3 Pending Codes for SNOMED-CT Findings/Situation to support Risk Indicators for Hearing Loss

Note that additional specificity for this value set is under way and will result in an update to this value set. Further coded values are sought to represent the following:

|  |
| --- |
| None |
| Caregiver concern about hearing |
| Craniofacial anomalies |
| Physical findings of syndromes that include hearing loss |
| Syndromes associated with hearing loss |

Add section 6.5.J. (Added 2011-09 from QRPH EHCP Profile)

### 6.5.J JCIH-EHDI Risk Indicators for Hearing Loss - Procedures Codes

#### 6.5.J.1 Metadata

| Metadata Element | Description | Mandatory |
| --- | --- | --- |
| Identifier | unique identifier of the value set | 1.3.6.1.4.1.19376.1.7.3.1.1.15.2.12 |
| Name | name of the value set | JCIH-EHDI Risk Indicators for Hearing Loss - Procedures Value Set |
| Source | source of the value set, identifying the originator or publisher of the information | IHE Quality Research and Public Health Domain |
| Purpose | Brief description about the general purpose of the value set | To Reflect the risk indicators for hearing loss Procedures associated with hearing loss using SNOMED-CT |
| Definition | A text definition describing how concepts in the value set were selected | Extensional definition: The value set was constructed by enumerating the codes from SNOMED-CT |
| Source URI | Most sources also have a URL or document URI that provides further details regarding the value set. | <http://www.nlm.nih.gov/research/umls/Snomed/snomed_main.html> |
| Version | A string identifying the specific version of the value set. | Version 1.0 |
| Status | Active (Current) or Inactive | Active |
| Effective Date | The date when the value set is expected to be effective | 8/1/2010 |
| Expiration Date | The date when the value set is no longer expected to be used | N/A |
| Creation Date | The date of creation of the value set | 8/1/2010 |
| Revision Date | The date of revision of the value set | N/A |
| Groups | The identifiers of the groups that include this value set. A group MAY also have an OID assigned. | IHE EHDI |

#### 6.5.J.2 JCIH-EHDI Risk Indicators for Hearing Loss - Procedures Value

*Risk Indicators for Hearing Loss - Procedures Set*

|  |  |  |
| --- | --- | --- |
|  | Value Set : | 1.3.6.1.4.1.19376.1.7.3.1.1.15.2.12 |
|  | Vocabulary: | 2.16.840.1.113883.6.96 |
| Sequence | SNOMED-CT Code | Description |
| 1 | 266700009 | Assisted breathing (procedure) |
| 2 | 233573008 | Extracorporeal membrane oxygenation (procedure) |

Add section 6.5.K. (Added 2011-09 from QRPH EHCP Profile)

### 6.5.K Newborn Hearing Procedure Codes

#### 6.5.K.1 Metadata

| Metadata Element | Description | Mandatory |
| --- | --- | --- |
| Identifier | unique identifier of the value set | 1.3.6.1.4.1.19376.1.7.3.1.1.15.2.17 |
| Name | name of the value set | JCIH-EHDI Newborn Hearing Procedure Value Set |
| Source | source of the value set, identifying the originator or publisher of the information | IHE Quality Research and Public Health Domain |
| Purpose | Brief description about the general purpose of the value set | To Reflect the type of newborn hearing procedure identified using SNOMED-CT Procedure codes (includes both screening and other tests and examinations) |
| Definition | A text definition describing how concepts in the value set were selected | **Extensional definition:** The value set was constructed by enumerating the codes from SNOMED-CT |
| Source URI | Most sources also have a URL or document URI that provides further details regarding the value set. | <http://www.nlm.nih.gov/research/umls/Snomed/snomed_main.html> |
| Version | A string identifying the specific version of the value set. | Version 1.0 |
| Status | Active (Current) or Inactive | Active |
| Effective Date | The date when the value set is expected to be effective | 8/1/2010 |
| Expiration Date | The date when the value set is no longer expected to be used | N/A |
| Creation Date | The date of creation of the value set | 8/1/2010 |
| Revision Date | The date of revision of the value set | N/A |
| Groups | The identifiers of the groups that include this value set. A group MAY also have an OID assigned. | IHE EHDI |

#### 6.5.K.2 JCIH-EHDI Newborn Hearing Procedure Value Set

*Newborn Hearing Procedure Value Set:*

|  |  |  |
| --- | --- | --- |
|  | Value Set : | 1.3.6.1.4.1.19376.1.7.3.1.1.15.2.17 |
|  | Vocabulary: | 2.16.840.1.113883.6.96 |
| Sequence | SNOMED-CT Code | Description |
| 3 | 417491009 | Neonatal hearing test (procedure) |

Add section 6.5.L. (Added 2011-09 from QRPH EHCP Profile)

### 6.5.L JCIH-EHDI Newborn Hearing Screening Method Codes

#### 6.5.L.1 Metadata

| Metadata Element | Description | Mandatory |
| --- | --- | --- |
| Identifier | unique identifier of the value set | 1.3.6.1.4.1.19376.1.7.3.1.1.15.2.4 |
| Name | name of the value set | JCIH-EHDI Newborn Hearing Screening Method Value Set |
| Source | source of the value set, identifying the originator or publisher of the information | IHE Quality Research and Public Health Domain |
| Purpose | Brief description about the general purpose of the value set | To Reflect the type of newborn hearing screening procedure identified using LOINC® answer codes |
| Definition | A text definition describing how concepts in the value set were selected | Extensional definition: The value set was constructed by enumerating the codes from LOINC® |
| Source URI | Most sources also have a URL or document URI that provides further details regarding the value set. | <http://loinc.org> |
| Version | A string identifying the specific version of the value set. | Version 1.0 |
| Status | Active (Current) or Inactive | Active |
| Effective Date | The date when the value set is expected to be effective | 8/1/2010 |
| Expiration Date | The date when the value set is no longer expected to be used | N/A |
| Creation Date | The date of creation of the value set | 8/1/2010 |
| Revision Date | The date of revision of the value set | N/A |
| Groups | The identifiers of the groups that include this value set. A group MAY also have an OID assigned. | IHE EHDI |

#### 6.5.L.2 JCIH-EHDI Newborn Hearing Screening Method Value Set

*Newborn Hearing Screening Method Value Set:*

*LOINC® 54106-0*

|  |  |  |  |
| --- | --- | --- | --- |
|  | Value Set : | 1.3.6.1.4.1.19376.1.7.3.1.1.15.2.4 |  |
|  | Vocabulary: | 2.16.840.1.113883.6.1 |  |
| Sequence | LOINC® Code | Answer Code | Description |
| 1 | LA10387-1 | AABR | Automated auditory brainstem response |
| 2 | LA10388-9 | ABR | Auditory brain stem response |
| 3 | LA10389-7 | OAE | Otoacoustic emissions |
| 4 | LA10390-5 | DPOAE | Distortion product otoacoustic emissions |
| 5 | LA10391-3 | TOAE | Transient otoacoustic emissions |
| 6 | LA12406-7 |  | Methodology unknown |

Add section 6.5.M. (Added 2011-09 from QRPH EHCP Profile)

### 6.5.M JCIH-EHDI Hearing Screen Right Codes– Right

#### 6.5.M.1 Metadata

| Metadata Element | Description | Mandatory |
| --- | --- | --- |
| Identifier | unique identifier of the value set | 1.3.6.1.4.1.19376.1.7.3.1.1.15.2.9 |
| Name | name of the value set | JCIH-EHDI Hearing Screen Right Value Set |
| Source | source of the value set, identifying the originator or publisher of the information | IHE Quality Research and Public Health Domain |
| Purpose | Brief description about the general purpose of the value set | To Reflect the right ear EHDI screening using LOINC® in result type |
| Definition | A text definition describing how concepts in the value set were selected | **Extensional definition:** The value set was constructed by enumerating the codes from LOINC® |
| Source URI | Most sources also have a URL or document URI that provides further details regarding the value set. | <http://loinc.org> |
| Version | A string identifying the specific version of the value set. | Version 1.0 |
| Status | Active (Current) or Inactive | Active |
| Effective Date | The date when the value set is expected to be effective | 8/1/2010 |
| Expiration Date | The date when the value set is no longer expected to be used | N/A |
| Creation Date | The date of creation of the value set | 8/1/2010 |
| Revision Date | The date of revision of the value set | N/A |
| Groups | The identifiers of the groups that include this value set. A group MAY also have an OID assigned. | IHE EHDI |

#### 6.5.M.2 JCIH-EHDI Hearing Screen Right Value Set

*NB hearing scn –R:Result Type*

*Hearing Screen Right Value Set*

|  |  |  |
| --- | --- | --- |
|  | Value Set : | 1.3.6.1.4.1.19376.1.7.3.1.1.15.2.9 |
|  | Vocabulary: | 2.16.840.1.113883.6.1 |
| Sequence | LOINC® Code | Description |
| 1 | 53109-4 | Newborn Hearing Screen Right |

Add section 6.5.N. (Added 2011-09 from QRPH EHCP Profile)

### 6.5.N JCIH-EHDI Hearing Screen Left Codes

#### 6.5.N.1 Metadata

| Metadata Element | Description | Mandatory |
| --- | --- | --- |
| Identifier | unique identifier of the value set | 1.3.6.1.4.1.19376.1.7.3.1.1.15.2.8 |
| Name | name of the value set | JCIH-EHDI Hearing Screen Left Value Set |
| Source | source of the value set, identifying the originator or publisher of the information | IHE Quality Research and Public Health Domain |
| Purpose | Brief description about the general purpose of the value set | To Reflect the left ear EHDI hearing screening result type using LOINC® |
| Definition | A text definition describing how concepts in the value set were selected | Extensional definition: The value set was constructed by enumerating the codes from LOINC® |
| Source URI | Most sources also have a URL or document URI that provides further details regarding the value set. | <http://loinc.org> |
| Version | A string identifying the specific version of the value set. | Version 1.0 |
| Status | Active (Current) or Inactive | Active |
| Effective Date | The date when the value set is expected to be effective | 8/1/2010 |
| Expiration Date | The date when the value set is no longer expected to be used | N/A |
| Creation Date | The date of creation of the value set | 8/1/2010 |
| Revision Date | The date of revision of the value set | N/A |
| Groups | The identifiers of the groups that include this value set. A group MAY also have an OID assigned. | IHE EHDI |

#### 6.5.N.2 JCIH-EHDI Hearing Screen Left Value Set

*Hearing Screen Left Value Set*

|  |  |  |
| --- | --- | --- |
|  | Value Set : | 1.3.6.1.4.1.19376.1.7.3.1.1.15.2.8 |
|  | Vocabulary: | 2.16.840.1.113883.6.1 |
| Sequence | LOINC® Code | Description |
| 1 | 53108-6 | Newborn Hearing Screen Left |

Add section 6.5.O. (Added 2011-09 from QRPH EHCP Profile)

### 6.5.O JCIH-EHDI Reason for no Hearing Loss Diagnosis or Screening Codes(SNOMED)

#### 6.5.O.1 Metadata

| Metadata Element | Description | Mandatory |
| --- | --- | --- |
| Identifier | unique identifier of the value set | 1.3.6.1.4.1.19376.1.7.3.1.1.15.2.15 |
| Name | name of the value set | JCIH-EHDI Reason for no Hearing Loss Diagnosis or Screening Value Set |
| Source | source of the value set, identifying the originator or publisher of the information | IHE Quality Research and Public Health Domain |
| Purpose | Brief description about the general purpose of the value set | To Reflect Reason for no hearing loss diagnosis coded with SNOMED-CT. |
| Definition | A text definition describing how concepts in the value set were selected | Extensional definition: The value set was constructed by enumerating the codes from SNOMED-CT |
| Source URI | Most sources also have a URL or document URI that provides further details regarding the value set. | <http://www.nlm.nih.gov/research/umls/Snomed/snomed_main.html> |
| Version | A string identifying the specific version of the value set. | Version 1.0 |
| Status | Active (Current) or Inactive | Active |
| Effective Date | The date when the value set is expected to be effective | 8/1/2010 |
| Expiration Date | The date when the value set is no longer expected to be used | N/A |
| Creation Date | The date of creation of the value set | 8/1/2010 |
| Revision Date | The date of revision of the value set | N/A |
| Groups | The identifiers of the groups that include this value set. A group MAY also have an OID assigned. | IHE EHDI |

#### 6.5.O.2 JCIH-EHDI Reason for no Hearing Loss Diagnosis or Screening Value Set

*Reason for no Hearing Loss Diagnosis*

|  | Value Set : | 1.3.6.1.4.1.19376.1.7.3.1.1.15.2.15 |  |
| --- | --- | --- | --- |
|  | Vocabulary: | 2.16.840.1.113883.6.96 |  |
| Sequence | SNOMED Code | Description | EHDI Concept |
| 1 | 397709008 | Patient died (finding) | No screening or diagnosis: Infant died |
| 2 | 360885002 | Change of residence status (finding) | No diagnosis: Moved or gone elsewhere |
| 3 | 184112005 | Patient address unknown (finding) | No diagnosis: Unable to Contact Family |
| 4 | 184118009 | Patient telephone number unknown (finding) | No diagnosis: Unable to Contact Family |
| 5 | 183638004 | Follow-up refused | No screening diagnosis: Parents Declined Services - Follow-up refused |
| 6 | 183946001 | Procedure refused-uncooperative | No diagnosis: Parents Declined Services -Procedure refused - uncooperative |
| 7 | 413319007 | Persistent non-attender | No diagnosis: Unresponsive - Persistent non-attender |
| 8 | 399307001 | Loss to follow-up | No diagnosis: Unknown - Loss to follow-up |
| 9 | 419984006 | Inconclusive (qualifier value) | No diagnosis: Audiologic Diagnosis in Process |
| 10 | 185332005 | Appointment cancelled by patient (finding) | No diagnosis: Audiologic Diagnosis in Process - Rescheduled appointment |
| 11 | 185333000 | Appointment cancelled by doctor (finding) | No diagnosis: Audiologic Diagnosis in Process - Rescheduled appointment |
| 12 | 281399006 | Did not attend | No diagnosis: Audiologic Diagnosis in Process - Did not attend |

Add section 6.5.P. (Added 2011-09 from QRPH EHCP Profile)

### 6.5.P JCIH-EHDI Newborn Hearing Loss Referrals Codes

#### 6.5.P.1 Metadata

| Metadata Element | Description | Mandatory |
| --- | --- | --- |
| Identifier | unique identifier of the value set | 1.3.6.1.4.1.19376.1.7.3.1.1.15.2.16 |
| Name | name of the value set | JCIH-EHDI Newborn Hearing Loss Referrals Value Set |
| Source | source of the value set, identifying the originator or publisher of the information | IHE Quality Research and Public Health Domain |
| Purpose | Brief description about the general purpose of the value set | To Reflect EHDI referrals coded with SNOMED-CT and as a response to care plan recommendations (entered on a list of referrals in a medical summary) |
| Definition | A text definition describing how concepts in the value set were selected | Extensional definition: The value set was constructed by enumerating the codes from SNOMED-CT |
| Source URI | Most sources also have a URL or document URI that provides further details regarding the value set. | <http://www.nlm.nih.gov/research/umls/Snomed/snomed_main.html> |
| Version | A string identifying the specific version of the value set. | Version 1.0 |
| Status | Active (Current) or Inactive | Active |
| Effective Date | The date when the value set is expected to be effective | 8/1/2010 |
| Expiration Date | The date when the value set is no longer expected to be used | N/A |
| Creation Date | The date of creation of the value set | 8/1/2010 |
| Revision Date | The date of revision of the value set | N/A |
| Groups | The identifiers of the groups that include this value set. A group MAY also have an OID assigned. | IHE EHDI |

#### 6.5.P.2 JCIH-EHDI Newborn Hearing Loss Referrals Value Set

*EHDI Newborn Hearing Loss Referrals Value Set*

|  |  |  |  |
| --- | --- | --- | --- |
|  | Value Set : | 1.3.6.1.4.1.19376.1.7.3.1.1.15.2.16 |  |
|  | Vocabulary: | 2.16.840.1.113883.6.96 |  |
| Sequence | SNOMED Code | Description | EHDI Concept |
| 1 | 306210008 | Referral to pediatric diagnostic audiology service (procedure) | Referral to audiologist |
| 2 | 415271004 | Referral to education service (procedure) | Referral to Early Intervention (Part C/non Part C) |

Add section 6.5.Q. (Added 2011-09 from QRPH EHCP Profile)

### 6.5.Q JCIH-EHDI Newborn Hearing Loss Reason for no Follow-up – Patient Reason Codes

#### 6.5.Q.1 Metadata

| Metadata Element | Description | Mandatory |
| --- | --- | --- |
| Identifier | unique identifier of the value set | 1.3.6.1.4.1.19376.1.7.3.1.1.15.2.7 |
| Name | name of the value set | JCIH-EHDI Newborn Hearing Loss Reason for no Follow-up – Patient Reason Value Set |
| Source | source of the value set, identifying the originator or publisher of the information | IHE Quality Research and Public Health Domain |
| Purpose | Brief description about the general purpose of the value set | To Reflect the reason that no follow-up is conducted in the case of hearing loss using SNOMED-CT reflected in negation of intent to order the referral. |
| Definition | A text definition describing how concepts in the value set were selected | Extensional definition: The value set was constructed by enumerating the codes from SNOMED-CT |
| Source URI | Most sources also have a URL or document URI that provides further details regarding the value set. | <http://www.nlm.nih.gov/research/umls/Snomed/snomed_main.html> |
| Version | A string identifying the specific version of the value set. | Version 1.0 |
| Status | Active (Current) or Inactive | Active |
| Effective Date | The date when the value set is expected to be effective | 8/1/2010 |
| Expiration Date | The date when the value set is no longer expected to be used | N/A |
| Creation Date | The date of creation of the value set | 8/1/2010 |
| Revision Date | The date of revision of the value set | N/A |
| Groups | The identifiers of the groups that include this value set. A group MAY also have an OID assigned. | IHE EHDI |

#### 6.5.Q2 JCIH-EHDI Newborn Hearing Loss Reason for no Follow-up – Patient Reason Value Set

*EHDI Newborn Hearing Loss Reason for no Follow-up Value Set*

|  | Value Set : | 1.3.6.1.4.1.19376.1.7.3.1.1.15.2.7 |  |
| --- | --- | --- | --- |
|  | Vocabulary: | 2.16.840.1.113883.6.96 |  |
| Sequence | SNOMED Code | Description | EHDI Concept |
| 1 | 397709008 | Patient died (finding) | Incomplete outpatient screen: Infant died |
| 2 | 360885002 | Change of residence status (finding) | Incomplete outpatient screen: Moved or gone elsewhere |
| 3 | 184112005 | Patient address unknown (finding) | Incomplete outpatient screen: Unable to contact family |
| 4 | 184118009 | Patient telephone number unknown (finding) | Incomplete outpatient screen: Unable to contact family |
| 5 | 183638004 | Follow-up refused | Incomplete outpatient screen: Follow-up refused |
| 6 | 183946001 | Procedure refused-uncooperative | Incomplete outpatient screen: Procedure refused-uncooperative |
| 7 | 413319007 | Persistent non-attender | Incomplete outpatient screen: Persistent non-attender |
| 8 | 399307001 | Loss to follow-up | Incomplete outpatient screen: Loss to follow-up |
| 9 | 185332005 | Appointment cancelled by patient (finding) | Incomplete outpatient screen: Rescheduled appointment |
| 10 | 185333000 | Appointment cancelled by doctor (finding) | Incomplete outpatient screen: Rescheduled appointment |
| 11 | 281399006 | Did not attend | Incomplete outpatient screen: Did not attend |

Add section 6.5.R. (Added 2011-09 from QRPH EHCP Profile)

### 6.5.R Joint Commission Medical Reason Codes

#### 6.5.R.1 Metadata

| Metadata Element | Description | Mandatory |
| --- | --- | --- |
| Identifier | unique identifier of the value set | 1.3.6.1.4.1.33895.1.3.0.75 |
| Name | name of the value set | Joint Commission Medical Reason Value Set |
| Source | source of the value set, identifying the originator or publisher of the information | IHE Quality Research and Public Health Domain |
| Purpose | Brief description about the general purpose of the value set | The Joint Commission value set is used to reflect medical reason why a test was not performed |
| Definition | A text definition describing how concepts in the value set were selected | Extensional definition: The value set was constructed by enumerating the codes from SNOMED-CT |
| Source URI | Most sources also have a URL or document URI that provides further details regarding the value set. | <http://www.nlm.nih.gov/research/umls/Snomed/snomed_main.html> |
| Version | A string identifying the specific version of the value set. | Version 1.0 |
| Status | Active (Current) or Inactive | Active |
| Effective Date | The date when the value set is expected to be effective | 8/1/2010 |
| Expiration Date | The date when the value set is no longer expected to be used | N/A |
| Creation Date | The date of creation of the value set | 8/1/2010 |
| Revision Date | The date of revision of the value set | N/A |
| Groups | The identifiers of the groups that include this value set. A group MAY also have an OID assigned. | IHE EHDI |

#### 6.5.R.2 Joint Commission Medical Reason Value Set

EHDI specifies the re-use of the existing Medical Reason Value Set used by the Joint Commission measures.

|  |  |  |
| --- | --- | --- |
|  | Value Set : | 1.3.6.1.4.1.33895.1.3.0.75 |
|  | Vocabulary: | 2.16.840.1.113883.6.96 |
| Sequence | SNOMED-CT Code | Description |
| 1 | 397745006 | Medical contraindication (finding) |
| 2 | 397773008 | Surgical contraindication (finding) |

Add section 6.5.S. (Added 2011-09 from QRPH EHCP Profile)

### 6.5.S JCIH-EHDI Inpatient Screening Results not Performed Codes

#### 6.5.S.1 Metadata

| Metadata Element | Description | Mandatory |
| --- | --- | --- |
| Identifier | unique identifier of the value set | 1.3.6.1.4.1.19376.1.7.3.1.1.15.2.10 |
| Name | name of the value set | JCIH-EHDI Inpatient Screening Results not Performed Value Set |
| Source | source of the value set, identifying the originator or publisher of the information | IHE Quality Research and Public Health Domain |
| Purpose | Brief description about the general purpose of the value set | To Reflect the right ear EHDI results reported using LOINC® answer lists |
| Definition | A text definition describing how concepts in the value set were selected | Extensional definition: The value set was constructed by enumerating the codes from LOINC® |
| Source URI | Most sources also have a URL or document URI that provides further details regarding the value set. | <http://loinc.org> |
| Version | A string identifying the specific version of the value set. | Version 1.0 |
| Status | Active (Current) or Inactive | Active |
| Effective Date | The date when the value set is expected to be effective | 8/1/2010 |
| Expiration Date | The date when the value set is no longer expected to be used | N/A |
| Creation Date | The date of creation of the value set | 8/1/2010 |
| Revision Date | The date of revision of the value set | N/A |
| Groups | The identifiers of the groups that include this value set. A group MAY also have an OID assigned. | IHE EHDI |

#### 6.5.S.2 JCIH-EHDI Inpatient Screening Results not Performed Value Set

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | Value Set : | 1.3.6.1.4.1.19376.1.7.3.1.1.15.2.10 |  |  |
|  | Vocabulary: | 2.16.840.1.113883.6.1 |  |  |
| Sequence | LOINC® Code | Description | Global ID | Global ID Code System |
| 1 | LA12408-3 | Attempted, but unsuccessful - technical fail | 103709008 | SN |
| 2 | LA7304-4 | Not performed | 262008008 | SN |
| 3 | LA12409-1 | Not performed, medical exclusion - not indicated | 410534003 | SN |

Add section 6.5.T. (Added 2011-09 from QRPH EHCP Profile)

### 6.5.T JCIH-EHDI Evidence of Hearing Screening Performed Codes

#### 6.5.T.1 Metadata

| Metadata Element | Description | Mandatory |
| --- | --- | --- |
| Identifier | unique identifier of the value set | 1.3.6.1.4.1.19376.1.7.3.1.1.15.2.18 |
| Name | name of the value set | JCIH-EHDI Evidence of Hearing Screening Performed Value Set |
| Source | source of the value set, identifying the originator or publisher of the information | IHE Quality Research and Public Health Domain |
| Purpose | Brief description about the general purpose of the value set | To Reflect Evidence of Hearing Screening Performed through the result values of pass-Left, pass-Right, or Refer. This excludes unsuccessful results. |
| Definition | A text definition describing how concepts in the value set were selected | Extensional definition: The value set was constructed by enumerating the codes from LOINC® |
| Source URI | Most sources also have a URL or document URI that provides further details regarding the value set. | <http://loinc.org> |
| Version | A string identifying the specific version of the value set. | Version 1.0 |
| Status | Active (Current) or Inactive | Active |
| Effective Date | The date when the value set is expected to be effective | 8/1/2010 |
| Expiration Date | The date when the value set is no longer expected to be used | N/A |
| Creation Date | The date of creation of the value set | 8/1/2010 |
| Revision Date | The date of revision of the value set | N/A |
| Groups | The identifiers of the groups that include this value set. A group MAY also have an OID assigned. | IHE EHDI |

#### 6.5.T.2 JCIH-EHDI Evidence of Hearing Screening Performed Value Set

*Evidence of Hearing Screening Performed Value Set*

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  |  | Value Set : | 1.3.6.1.4.1.19376.1.7.3.1.1.15.2.18 |  |  |
|  |  | Vocabulary: | 2.16.840.1.113883.6.1 |  |  |
| Sequence | LOINC® Code | Answer Code | Description | Global ID | Global ID Code System |
| 1 | LA10392-1 | 164059009 | Pass |  |  |
| 2 | LA10393-9 | 183924009 | Refer |  |  |

Add section 6.5.U. (Added 2011-09 from QRPH EHCP Profile)

### 6.5.U JCIH-EHDI Procedure Declined Value Set Codes

#### 6.5.U.1 Metadata

| Metadata Element | Description | Mandatory |
| --- | --- | --- |
| Identifier | unique identifier of the value set | 1.3.6.1.4.1.19376.1.7.3.1.1.15.2.20 |
| Name | name of the value set | JCIH-EHDI Procedure Declined Value Set |
| Source | source of the value set, identifying the originator or publisher of the information | IHE Quality Research and Public Health Domain |
| Purpose | Brief description about the general purpose of the value set | To Reflect that the hearing screening procedure was not performed due to the patient/parent declining the procedure |
| Definition | A text definition describing how concepts in the value set were selected | Extensional definition: The value set was constructed by enumerating the codes from SNOMED-CT |
| Source URI | Most sources also have a URL or document URI that provides further details regarding the value set. | <http://www.nlm.nih.gov/research/umls/Snomed/snomed_main.html> |
| Version | A string identifying the specific version of the value set. | Version 1.0 |
| Status | Active (Current) or Inactive | Active |
| Effective Date | The date when the value set is expected to be effective | 8/1/2010 |
| Expiration Date | The date when the value set is no longer expected to be used | N/A |
| Creation Date | The date of creation of the value set | 8/1/2010 |
| Revision Date | The date of revision of the value set | N/A |
| Groups | The identifiers of the groups that include this value set. A group MAY also have an OID assigned. | IHE EHDI |

#### 6.5.U.2 JCIH-EHDI Procedure Declined Value Set Value Set

*JCIH-EHDI Procedure Declined Value Set:*

|  |  |  |
| --- | --- | --- |
|  | Value Set : | 1.3.6.1.4.1.19376.1.7.3.1.1.15.2.20 |
|  | Vocabulary: | 2.16.840.1.113883.6.96 |
| Sequence | SNOMED-CT Code | Description |
| 1 | 183949008 | Assessment examination refused (situation) |
| 2 | 183945002 | Procedure refused - religion (situation) |
| 3 | 183948000 | Refused procedure - parent's wish (situation) |
| 4 | 397709008 | Patient died (finding) |

Add section 6.5.V. (Added 2011-09 from QRPH EHCP Profile)

### 6.5.V JCIH-EHDI Newborn Hearing Screening Abnormal Results Value Set Codes

#### 6.5.V.1 Metadata

| Metadata Element | Description | Mandatory |
| --- | --- | --- |
| Identifier | unique identifier of the value set | 1.3.6.1.4.1.19376.1.7.3.1.1.15.2.23 |
| Name | name of the value set | JCIH-EHDI Newborn Hearing Screening Abnormal Results Value Set |
| Source | source of the value set, identifying the originator or publisher of the information | IHE Quality Research and Public Health Domain |
| Purpose | Brief description about the general purpose of the value set | To Reflect abnormal results from the hearing screening procedure |
| Definition | A text definition describing how concepts in the value set were selected | Extensional definition: The value set was constructed by enumerating the codes from SNOMED-CT |
| Source URI | Most sources also have a URL or document URI that provides further details regarding the value set. | <http://www.nlm.nih.gov/research/umls/Snomed/snomed_main.html> |
| Version | A string identifying the specific version of the value set. | Version 1.0 |
| Status | Active (Current) or Inactive | Active |
| Effective Date | The date when the value set is expected to be effective | 8/1/2010 |
| Expiration Date | The date when the value set is no longer expected to be used | N/A |
| Creation Date | The date of creation of the value set | 8/1/2010 |
| Revision Date | The date of revision of the value set | N/A |
| Groups | The identifiers of the groups that include this value set. A group MAY also have an OID assigned. | IHE EHDI |

#### 6.5.V.2 JCIH-EHDI Newborn Hearing Screening Abnormal Results Value Set

*JCIH-EHDI Newborn Hearing Screening Abnormal Results Value Set:*

|  |  |  |
| --- | --- | --- |
|  | Value Set : | 1.3.6.1.4.1.19376.1.7.3.1.1.15.2.23 |
|  | Vocabulary: | 2.16.840.1.113883.6.96 |
| Sequence | SNOMED-CT Code | Description |
| 1 | 313203003 | Hearing test abnormal (finding) |
| 2 | 308409008 | Child hearing screening failure (finding) |
| 3 | 185577006 | Child hearing screening first failure (finding) |
| 4 | 185579009 | Child hearing screening second failure (finding) |
| 5 | 185580007 | Child hearing screening failure referred to specialist (finding) |

Add section 6.5.W. (Added 2011-09 from QRPH PRPH-Ca Profile)

### 6.5.W Primary Site Value Set

|  |  |
| --- | --- |
| LOINC = 22035-0 | |
| Code System: ICD-O-3 2.16.840.1.113883.6.43.1 | |
| Code | Meaning |
|  | A code from ICD-O-3 (Topography Section) |

Add section 6.5.X (Added 2011-09 from QRPH PRPH-Ca Profile)

### 6.5.X Histologic Type Value Set

|  |  |
| --- | --- |
| LOINC = 31205-8 | |
| Code System: ICD-O-3 2.16.840.1.113883.6.43.1 | |
| Code | Meaning |
|  | An ICD-O-3 code (Morphology Section) |

Add section 6.5.Y (Added 2011-09 from QRPH PRPH-Ca Profile)

### 6.5.Y Derived AJCC Descriptor (T,N,M) Value Set

|  |  |
| --- | --- |
| LOINC = 21908-9 | |
| Code System: 2.16.840.1.113883.15.6 | |
| Code | Meaning |
| c | clinical |
| p | pathologic |
| a | Autopsy classification |
| yc or yp | Posttherapy classification “y” prefex to utilize with “c: or “p” for denoting extent of cancer after neoadjuvant or primary systemic and/or radiation therapy |
| r | Retreatment Classification |

Add section 6.5.Z (Added 2011-09 from QRPH PRPH-Ca Profile)

### 6.5.Z TNM Edition Value Set

|  |  |
| --- | --- |
| LOINC = 21917-0 | |
| Code System: 2.16.840.1.113883.15.6 | |
| Code | Meaning |
| 5 | AJCC Staging Manual, 5th Edition |
| 6 | AJCC Staging Manual, 6th Edition |
| 7 | AJCC Staging Manual, 7th Edition |

Add section 6.5.AA (Added 2011-09 from QRPH PRPH-Ca Profile)

### 6.5.AA TNM Stage Group Value Set

Note: The AJCC Staging Manual TNM system is propriety and its definitions cannot be included in other documents without permission.

|  |  |
| --- | --- |
| LOINC = 21908-9 | |
| Code System: TNM 5. Edition: 2.16.840.1.113883.15.8 - tnm5  TNM 6. Edition: 2.16.840.1.113883.15.7 - tnm6  TNM 7. Edition: 2.16.840.1.113883.15.6 - tnm7 | |
| Code | Description: Site specific descriptions prevent listing of text equivalents. |
| 0 | Site specific descriptions prevent listing of text equivalents. |
| 0a | “ |
| 0is | “ |
| I | “ |
| IA | “ |
| IA1 | “ |
| IA2 | “ |
| IB | “ |
| IB1 | “ |
| IB2 | “ |
| IC | “ |
| II | “ |
| IIA | “ |
| IIA1 | “ |
| IIA2 | “ |
| IIB | “ |
| IIC | “ |
| III | “ |
| IIIA | “ |
| IIIB | “ |
| IIIC | “ |
| IS | “ |
| IV | “ |
| IVA | “ |
| IVB | “ |
| IVC | “ |

Add section 6.5.BB (Added 2011-09 from QRPH PRPH-Ca Profile)

### 6.5.BB TNM Stage Descriptor Value Set

Note: The AJCC Staging Manual TNM system is propriety and its definitions cannot be included in other documents without permission.

|  |  |
| --- | --- |
| LOINC = 21909-7 | |
| Code System: TNM 5. Edition: 2.16.840.1.113883.15.8 - tnm5  TNM 6. Edition: 2.16.840.1.113883.15.7 - tnm6  TNM 7. Edition: 2.16.840.1.113883.15.6 - tnm7 | |
| Code | Meaning |
| 0 | None |
| 1 | E (Extranodal, lymphomas only) |
| 2 | S (Spleen, lymphomas only) |
| 3 | M (Multiple primary tumors in a single site) |
| 4 | Y (Classification during or after initial multimodality therapy)—pathologic staging only |
| 5 | E & S (Extranodal and spleen, lymphomas only) |
| 6 | M & Y (Multiple primary tumors and initial multimodality therapy) |

Add section 6.5.CC (Added 2011-09 from QRPH PRPH-Ca Profile)

### 6.5.CC TNM Tumor Value Set

Note: The AJCC Staging Manual TNM system is propriety and its definitions cannot be included in other documents without permission.

|  |  |
| --- | --- |
| LOINC = 21905-5 | |
| Code System: TNM 5. Edition: 2.16.840.1.113883.15.8 - tnm5  TNM 6. Edition: 2.16.840.1.113883.15.7 - tnm6  TNM 7. Edition: 2.16.840.1.113883.15.6 - tnm7 | |
| Code | Description: Site specific descriptions prevent listing of text equivalents. |
| Ta | Site specific descriptions prevent listing of text equivalents. |
| Tis | “ |
| T0 | “ |
| T1 | “ |
| T1mic | “ |
| T1a | “ |
| T1a1 | “ |
| T1a2 | “ |
| T1b | “ |
| T1b1 | “ |
| T1b2 | “ |
| T1c | “ |
| T1d | “ |
| T2 | “ |
| T2a | “ |
| T2a1 | “ |
| T2a2 | “ |
| T2b | “ |
| T2c | “ |
| T2d | “ |
| T3 | “ |
| T3a | “ |
| T3b | “ |
| T3c | “ |
| T3d | “ |
| T4 | “ |
| T4a | “ |
| T4b | “ |
| T4c | “ |
| T4d | “ |
| T4e | “ |
| Tx | “ |

Add section 6.5.DD (Added 2011-09 from QRPH PRPH-Ca Profile)

### 6.5.DD TNM Node Value Set

Note: The AJCC Staging Manual TNM system is propriety and its definitions cannot be included in other documents without permission.

|  |  |
| --- | --- |
| LOINC = 21906-3 | |
| Code System: TNM 5. Edition: 2.16.840.1.113883.15.8 - tnm5  TNM 6. Edition: 2.16.840.1.113883.15.7 - tnm6  TNM 7. Edition: 2.16.840.1.113883.15.6 - tnm7 | |
| Code | Description: Site specific descriptions prevent listing of text equivalents. |
| N0 | Site specific descriptions prevent listing of text equivalents. |
| N1 | “ |
| N1mi | “ |
| N1a | “ |
| N1b | “ |
| N1b1 | “ |
| N1b2 | “ |
| N1b3 | “ |
| N1b4 | “ |
| N1c | “ |
| N2 | “ |
| N2a | “ |
| N2b | “ |
| N2c | “ |
| N3 | “ |
| N3a | “ |
| N3b | “ |
| N3c | “ |
| N | “ |

Add section 6.5.EE (Added 2011-09 from QRPH PRPH-Ca Profile)

### 6.5.EE TNM Metastasis Value Set

Note: The AJCC Staging Manual TNM system is propriety and its definitions cannot be included in other documents without permission.

|  |  |
| --- | --- |
| LOINC = 21907-1 | |
| Code System: TNM 5. Edition: 2.16.840.1.113883.15.8 - tnm5  TNM 6. Edition: 2.16.840.1.113883.15.7 - tnm6  TNM 7. Edition: 2.16.840.1.113883.15.6 - tnm7 | |
| Code | Description: Site specific descriptions prevent listing of text equivalents. |
| M0 | Site specific descriptions prevent listing of text equivalents. |
| M1 | “ |
| M1a | “ |
| M1b | “ |
| M1c | “ |
| M1d | “ |
| M1e | “ |
| Mx | “ |

Add section 6.5.FF (Added 2013-09 for the QRPH VRDR supplement)

### 6.5.FF QRPH VRDR Autopsy Procedure Performed Codes

#### 6.5.FF.1 Metadata

Autopsy Procedure Performed Value Set Metadata Shall contain the following content:

| Metadata Element | Description | Mandatory |
| --- | --- | --- |
| Identifier | This is the unique identifier of the value set | 1.3.6.1.4.1.19376.1.7.3.1.1.23.8.1 |
| Name | This is the name of the value set | VRDR Autopsy Procedure Performed Value Set |
| Source | This is the source of the value set, identifying the originator or publisher of the information | IHE Quality Research and Public Health Domain |
| Purpose | Brief description about the general purpose of the value set | To reflect that there was an Autopsy Procedure Performed |
| Definition | A text definition describing how concepts in the value set were selected | Extensional definition: The value set was constructed by enumerating the codes from SNOMED-CT |
| Source URI | Most sources also have a URL or document URI that provides further details regarding the value set. | <http://www.nlm.nih.gov/research/umls/Snomed/snomed_main.html> |
| Version | A string identifying the specific version of the value set. | Version 1.0 |
| Status | Active (Current) or Inactive | Active |
| Effective Date | The date when the value set is expected to be effective | 8/1/2013 |
| Expiration Date | The date when the value set is no longer expected to be used | N/A |
| Creation Date | The date of creation of the value set | 4/3/2013 |
| Revision Date | The date of revision of the value set | N/A |
| Groups | The identifiers of the groups that include this value set. A group may also have an OID assigned. | IHE VRDR |

#### 6.5.FF.2 VRDR Autopsy Procedure Performed Value Set

VRDR Autopsy Procedure Performed Value Set will use the SNOMED-CT code system to identify its contents. Codes that are used within the scope of this profile are listed below:

| Value Set : | 1.3.6.1.4.1.19376.1.7.3.1.1.23.8.1 |
| --- | --- |
| Vocabulary: | 2.16.840.1.113883.6.96 |
| SNOMED-CT Code | SNOMED-CT Description |
| 9427006 | Autopsy review |
| 16521010 | Autopsy review |
| 16522015 | Autopsy review, NOS |
| 68184000 | Autopsy review, consultation and report |
| 60864000 | Autopsy review for conference (procedure) |
| 86693001 | Autopsy review for teaching (procedure) |
| 5785009 | Forensic autopsy (procedure) |
| 61501008 | Forensic autopsy, extensive (procedure) |
| 29240004 | Autopsy examination (procedure) |
| 48926013 | Autopsy examination |
| 48930011 | Autopsy |
| 48927016 | Autopsy examination, NOS |
| 48928014 | Autopsy, NOS |
| 41770000 | Autopsy, gross and microscopic examination (procedure) |
| 56417000 | Autopsy, gross and microscopic examination with brain (procedure) |
| 41554000 | Autopsy, gross and microscopic examination with brain and spinal cord (procedure) |
| 74348008 | Autopsy, gross and microscopic examination, limited (procedure) |
| 57438004 | Autopsy, gross and microscopic examination, regional (procedure) |
| 16361008 | Autopsy, gross and microscopic examination, stillborn or newborn (procedure) |
| 4447001 | Autopsy, gross and microscopic examination, stillborn or newborn without CNS (procedure) |
| 82823006 | Autopsy, gross examination with brain (procedure) |
| 47197006 | Autopsy, gross examination with brain and spinal cord (procedure) |
| 72598009 | Autopsy, gross examination, limited (procedure) |
| 47847005 | Autopsy, gross examination, limited, regional (procedure) |
| 50333006 | Autopsy, gross examination, macerated stillborn (procedure) |
| 35459000 | Autopsy, gross examination, stillborn or newborn (procedure) |
| 26762004 | Autopsy, gross examination, teaching, complete (procedure) |
| 22677004 | Autopsy, gross examination, teaching, limited (procedure) |
| 5785009 | Forensic autopsy (procedure) |
| 430339001 | Pediatric autopsy (procedure) |
| 90864005 | Special autopsy procedure, explain by report (procedure) |
| 43939005 | Autopsy service by diener (procedure) |
| 71604005 | Forensic autopsy, coroner's call (procedure) |
| 108259003 | Autopsy pathology procedure AND/OR service (procedure) |
| 59543001 | Autopsy, clerical procedure (procedure) |
| 29915004 | Autopsy, clerical with coding procedure (procedure) |
| 3133002 | Patient discharge, deceased, autopsy (procedure) |

Add section 6.5.GG (Added 2013-09 form the QRPH VRDR supplement.)

### 6.5.GG QRPH VRDR Autopsy Not Performed Codes

#### 6.5.GG.1 Metadata

Autopsy Not Performed Value Set Metadata Shall contain the following content:

| Metadata Element | Description | Mandatory |
| --- | --- | --- |
| Identifier | This is the unique identifier of the value set | 1.3.6.1.4.1.19376.1.7.3.1.1.23.8.2 |
| Name | This is the name of the value set | VRDR Autopsy Not Performed Value Set |
| Source | This is the source of the value set, identifying the originator or publisher of the information | IHE Quality Research and Public Health Domain |
| Purpose | Brief description about the general purpose of the value set | To reflect that there was an Autopsy was not performed |
| Definition | A text definition describing how concepts in the value set were selected | Extensional definition: The value set was constructed by enumerating the codes from SNOMED-CT |
| Source URI | Most sources also have a URL or document URI that provides further details regarding the value set. | <http://www.nlm.nih.gov/research/umls/Snomed/snomed_main.html> |
| Version | A string identifying the specific version of the value set. | Version 1.0 |
| Status | Active (Current) or Inactive | Active |
| Effective Date | The date when the value set is expected to be effective | 8/1/2013 |
| Expiration Date | The date when the value set is no longer expected to be used | N/A |
| Creation Date | The date of creation of the value set | 4/3/2013 |
| Revision Date | The date of revision of the value set | N/A |
| Groups | The identifiers of the groups that include this value set. A group may also have an OID assigned. | IHE VRDR |

#### 6.5.GG.2 VRDR Autopsy Not Performed Value Set

VRDR Autopsy Not Performed Value Set will use the SNOMED-CT code system to identify its contents. Codes that are used within the scope of this profile are listed below:

| Value Set : | 1.3.6.1.4.1.19376.1.7.3.1.1.23.8.2 |
| --- | --- |
| Vocabulary: | 2.16.840.1.113883.6.96 |
| SNOMED-CT Code | SNOMED-CT Description |
| 44551000009109 | Autopsy not performed (finding) |
| 76231000009111 | No post performed |
| 76241000009117 | Post mortem examination not performed |
| 76221000009114 | Autopsy not performed |
| 408775001 | Consent for postmortem declined (finding) |
| 2470636019 | Consent for postmortem declined |
| 2477187017 | Consent for autopsy declined |
| 79779006 | Patient discharge, deceased, no autopsy (procedure) |

Add section 6.5.HH (Added 2013-09 form the QRPH VRDR supplement.)

### 6.5.HH VRDR Discharge Death Codes

#### 6.5.HH.1 Metadata

Discharge Death Value Set Metadata Shall contain the following content:

| Metadata Element | Description | Mandatory |
| --- | --- | --- |
| Identifier | This is the unique identifier of the value set | 1.3.6.1.4.1.19376.1.7.3.1.1.23.8.3 |
| Name | This is the name of the value set | VRDR Discharge Death Value Set |
| Source | This is the source of the value set, identifying the originator or publisher of the information | IHE Quality Research and Public Health Domain |
| Purpose | Brief description about the general purpose of the value set | To Reflect Discharge disposition of death |
| Definition | A text definition describing how concepts in the value set were selected | Extensional definition: The value set was constructed by enumerating the codes from UB04 |
| Source URI | Most sources also have a URL or document URI that provides further details regarding the value set. | [www.nubc.org](http://www.nubc.org) |
| Version | A string identifying the specific version of the value set. | Version 1.0 |
| Status | Active (Current) or Inactive | Active |
| Effective Date | The date when the value set is expected to be effective | 8/1/2013 |
| Expiration Date | The date when the value set is no longer expected to be used | N/A |
| Creation Date | The date of creation of the value set | 8/1/2013 |
| Revision Date | The date of revision of the value set | N/A |
| Groups | The identifiers of the groups that include this value set. A group may also have an OID assigned. | IHE VRDR |

#### 6.5.HH.2 VRDR Discharge DeathValue Set

Discharge Death Value Set will use the UB-04/NUBC code system to identify its contents. Codes that are used within the scope of this profile are listed below:

| Section Template : | 1.3.6.1.4.1.19376.1.7.3.1.1.23.8.3 |
| --- | --- |
| Vocabulary: | UB04 OID |
| UB-04/NUBC Code | Description |
| 20 | Expired |

Add section 6.5.II (Added 2013-09 form the QRPH VRDR supplement.)

### 6.5.II VRDR Death Location Type Codes

#### 6.5.II.1 Metadata

Death Location Type Value Set Metadata Shall contain the following content:

| Metadata Element | Description | Mandatory |
| --- | --- | --- |
| Identifier | This is the unique identifier of the value set | 1.3.6.1.4.1.19376.1.7.3.1.1.23.8.4 |
| Name | This is the name of the value set | Death Location Type Value Set |
| Source | This is the source of the value set, identifying the originator or publisher of the information | IHE Quality Research and Public Health Domain |
| Purpose | Brief description about the general purpose of the value set | To Reflect the location where the decedent died |
| Definition | A text definition describing how concepts in the value set were selected | Extensional definition: The value set was constructed by enumerating the codes from the HL7 VRDR CDA Death Location Types |
| Source URI | Most sources also have a URL or document URI that provides further details regarding the value set. | [www.HL7.org](http://www.HL7.org) |
| Version | A string identifying the specific version of the value set. | Version 1.0 |
| Status | Active (Current) or Inactive | Active |
| Effective Date | The date when the value set is expected to be effective | 8/1/2013 |
| Expiration Date | The date when the value set is no longer expected to be used | N/A |
| Creation Date | The date of creation of the value set | 8/1/2013 |
| Revision Date | The date of revision of the value set | N/A |
| Groups | The identifiers of the groups that include this value set. A group may also have an OID assigned. | IHE VRDR |

#### 6.5.II.2 VRDR Death Location Type Value Set

Death Location Type Value Set will use the HL7 Death Location Type code system to identify its contents. Codes that are used within the scope of this profile are listed below:

|  |  |
| --- | --- |
| Value Set: | 1.3.6.1.4.1.19376.1.7.3.1.1.23.8.4 |
| Vocabulary: | 2.16.840.1.113883 |
| HL7 Death Location Type Code | HL7DeathLocationType |
| H-IN | Hospital Inpatient |
| H-ER/ OP | Hospital Emergency  Department or Outpatient |
| H-DOA | Hospital Dead on Arrival |
| NH | Nursing Home |
| RES | Residence |
| OTH | Other |

Add section 6.5.JJ (Added 2013-09 form the QRPH VRDR supplement.)

### 6.5.JJ VRDR Death Certification Procedure Codes

#### 6.5.JJ.1 Metadata

Death Certification Procedure Value Set Metadata Shall contain the following content:

| Metadata Element | Description | Mandatory |
| --- | --- | --- |
| Identifier | This is the unique identifier of the value set | 1.3.6.1.4.1.19376.1.7.3.1.1.23.8.6 |
| Name | This is the name of the value set | VRDR Death Certification Procedure Performed Value Set |
| Source | This is the source of the value set, identifying the originator or publisher of the information | IHE Quality Research and Public Health Domain |
| Purpose | Brief description about the general purpose of the value set | To reflect that there was a Death Certification Procedure Performed |
| Definition | A text definition describing how concepts in the value set were selected | Extensional definition: The value set was constructed by enumerating the codes from SNOMED-CT |
| Source URI | Most sources also have a URL or document URI that provides further details regarding the value set. | <http://www.nlm.nih.gov/research/umls/Snomed/snomed_main.html> |
| Version | A string identifying the specific version of the value set. | Version 1.0 |
| Status | Active (Current) or Inactive | Active |
| Effective Date | The date when the value set is expected to be effective | 8/1/2013 |
| Expiration Date | The date when the value set is no longer expected to be used | N/A |
| Creation Date | The date of creation of the value set | 4/3/2013 |
| Revision Date | The date of revision of the value set | N/A |
| Groups | The identifiers of the groups that include this value set. A group may also have an OID assigned. | IHE VRDR |

#### 6.5.JJ.2 VRDR Death Certification Procedure Performed Value Set

Death Certification Procedure Performed Value Set will use the HL7 Transportation Relationship Type code system to identify its contents. Codes that are used within the scope of this profile are listed below:

|  |  |
| --- | --- |
| Value Set : | 1.3.6.1.4.1.19376.1.7.3.1.1.23.8.6 |
| Vocabulary: | 2.16.840.1.113883.6.96 |
| SNOMED-CT Code | SNOMED-CT Description |
| 308646001 | Death certification (procedure) |

Add section 6.5.KK (Added 2013-09 form the QRPH VRDR supplement.)

### 6.5.KK VRDR Death Pronouncement Procedure Codes

#### 6.5.KK.1 Metadata

Death Pronouncement Procedure Value Set Metadata Shall contain the following content:

| Metadata Element | Description | Mandatory |
| --- | --- | --- |
| Identifier | This is the unique identifier of the value set | 1.3.6.1.4.1.19376.1.7.3.1.1.23.8.7 |
| Name | This is the name of the value set | VRDR Death Pronouncement Procedure Performed Value Set |
| Source | This is the source of the value set, identifying the originator or publisher of the information | IHE Quality Research and Public Health Domain |
| Purpose | Brief description about the general purpose of the value set | To reflect that there was a Death Pronouncement Procedure Performed |
| Definition | A text definition describing how concepts in the value set were selected | Extensional definition: The value set was constructed by enumerating the codes from SNOMED-CT |
| Source URI | Most sources also have a URL or document URI that provides further details regarding the value set. | <http://www.nlm.nih.gov/research/umls/Snomed/snomed_main.html> |
| Version | A string identifying the specific version of the value set. | Version 1.0 |
| Status | Active (Current) or Inactive | Active |
| Effective Date | The date when the value set is expected to be effective | 8/1/2013 |
| Expiration Date | The date when the value set is no longer expected to be used | N/A |
| Creation Date | The date of creation of the value set | 4/3/2013 |
| Revision Date | The date of revision of the value set | N/A |
| Groups | The identifiers of the groups that include this value set. A group may also have an OID assigned. | IHE VRDR |

#### 6.5.KK.2 VRDR Death Pronouncement Procedure Performed Value Set

Death Pronouncement Procedure Performed Value Set will use the HL7 Transportation Relationship Type code system to identify its contents. Codes that are used within the scope of this profile are listed below:

|  |  |
| --- | --- |
| Value Set : | 1.3.6.1.4.1.19376.1.7.3.1.1.23.8.7 |
| Vocabulary: | 2.16.840.1.113883.6.96 |
| SNOMED-CT Code | SNOMED-CT Description |
| 428413005 | Death verification (procedure) |

Add the following section 6.6-1 Concept Domains

## 6.6 Concept Domains

This section describes concept domains used by this technical framework. A concept domain describes the purpose of a coding system in an implementation independent way. National extensions can declare bindings from a concept domain to a specific value set.

Table 6.6-1: Concept Domains

| UV Concept Domain | Concept Domain Description |
| --- | --- |
| CD\_EmploymentStatus | The employment status concept domain defines an individual’s economic relationship to an occupation/industry. As described by LOINC®: Generally, employment status refers to whether or not a person is currently employed for wages or doing some other unpaid activity, such as volunteering, homemaking, or participating in educational instruction as a student. In a healthcare setting, employment status may be used to determine appropriate probing questions for occupational exposures and occupational history. For example, a person who is currently not employed for wages may be prompted to provide information about previously held occupations[[5]](#footnote-5). |
| CD\_WorkSchedule | The Work Schedule Concept Domain describes an individual's typical arrangement of working hours for an occupation. As described by LOINC®: For example, work schedule may capture that an individual typically works a regular day shift, evening shift, or night shift. It can also specify if an individual has an irregular schedule such as a rotating shift, split shift, etc. In healthcare settings, knowledge of a patient's typical work schedule may assist in diagnosis of healthcare issues related to irregular work hours or sleep patterns. It may also assist in determining appropriate treatment and prevention plans that will coordinate with the patient's work schedule1. |
| CD\_OccupationCode | The Occupation Code Concept Domain contains a set of codes that describe a set of activities or tasks that individuals are paid to perform or, if unpaid, define a person’s contribution to a household/family business/community[[6]](#footnote-6). |
| CD\_IndustryCode | The Industry Code Concept Domain contains a set of codes that describe an economic/business sector comprised of businesses/ enterprises concerned with the output of a specified category of products or services (e.g., the construction industry or the agriculture industry)2. |

Add Appendix Q

APPENDIX Q: Document Construction

NA

1. The first three documents can be located on the IHE Website at <http://ihe.net/Technical_Frameworks/#IT>. The remaining document can be obtained from its respective publisher. [↑](#footnote-ref-1)
2. HL7 is the registered trademark of Health Level Seven International. [↑](#footnote-ref-2)
3. CDA is the registered trademark of Health Level Seven International. [↑](#footnote-ref-3)
4. CCD is the registered trademark of Health Level Seven International. [↑](#footnote-ref-4)
5. 1 This material contains content from LOINC® (http://loinc.org). The LOINC table, LOINC codes, and LOINC panels and forms file are copyright © 1995-2013, Regenstrief Institute, Inc. and the Logical Observation Identifiers Names and Codes (LOINC) Committee and available at no cost under the license at http://loinc.org/terms-of-use. [↑](#footnote-ref-5)
6. 2 Source: CDC Census 2010 [↑](#footnote-ref-6)