

Integrating the Healthcare Enterprise



5 **IHE Patient Care Coordination (PCC)
Technical Framework Supplement**

10 **CDA[®] Content Modules**

15 **Rev. 2.8 – Trial Implementation**

20 Date: March 16, 2022
Author: IHE PCC Technical Committee
Email: pcc@ihe.net

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Please verify you have the most recent version of this document. See [here](#) for Trial Implementation and Final Text versions and [here](#) for Public Comment versions.

Foreword

30 This is a supplement to the IHE Patient Care Coordination (and other domains) Technical Framework. 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.



Note: 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 the CDA Content Modules supplement.

45 “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:

50 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.

55 Information about the IHE PCC domain and the IHE QRPH domain can be found at: 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 and <http://www.ihe.net/Profiles>.

60 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.

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Introduction to this Supplement

815 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](#)
2. [PCC Technical Framework Volume 2](#)

820 This supplement also references other documents¹. The reader should have already read and understood these documents:

1. [IT Infrastructure Technical Framework Volume 1](#)
2. [IT Infrastructure Technical Framework Volume 2](#)
3. [IT Infrastructure Technical Framework Volume 3](#)

825 4. HL7 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.

830 Open Issues and Questions

None

Closed Issues

None

¹ The first three documents can be located on the IHE Website at <https://profiles.ihe.net/ITI/index.html>. The remaining document can be obtained from its respective publisher.

IHE Technical Frameworks General Introduction

835 The [IHE Technical Frameworks General Introduction](#) is shared by all of the IHE domain technical frameworks. Each technical framework volume contains links to this document where appropriate.

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840 IHE technical documents refer to, and make use of, a number of standards developed and published by several standards development organizations. Please refer to the IHE Technical Frameworks General Introduction, [Section 9 - Copyright Licenses](#) for copyright license information for frequently referenced base standards. Information pertaining to the use of IHE International copyrighted materials is also available there.

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IHE Technical Frameworks General Introduction Appendices

850 The [IHE Technical Framework General Introduction Appendices](#) are components shared by all of the IHE domain technical frameworks. Each technical framework volume contains links to these documents where appropriate.

855 *Update the following appendices to the General Introduction as indicated below. Note that these are **not** appendices to this domain’s Technical Framework (TF-1, TF-2, TF-3 or TF-4) but rather, they are appendices to the IHE Technical Frameworks General Introduction located [here](#).*

Appendix A – Actors

860

*Add the following **new or modified** actors to the [IHE Technical Frameworks General Introduction Appendix A](#):*

New (or modified) Actor Name	Description
No new	

865 Appendix B – Transactions

*Add the following **new or modified** transactions to the [IHE Technical Frameworks General Introduction Appendix B](#):*

New (or modified) Transaction Name and Number	Definition
No new	

870

875 **Appendix D – Glossary**

Add the following **new or modified** glossary terms to the [IHE Technical Frameworks General Introduction Appendix D](#):

New (or modified) Glossary Term	Definition	Synonyms	Acronym/ Abbreviation
No new			

880

<Note: The sections following this Introduction will eventually be added as Final Text to Volumes 1 – 4 of the Technical Framework. The material above this note (Introduction to this Supplement, Open and Closed Issues, Technical Frameworks General Introduction, and General Introduction Appendices sections) will not be moved when this content of this supplement is moved to Final Text.>

885

Volume 1 – Integration Profiles

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

890

2.5 History of Annual Changes

- Added a set of CDA Content Modules shared across several Integration Profiles for the 2010-2011 documentation cycle.
- 895 • 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
 - 900 ▪ Unit Response Level
 - Protocols Used
 - Extra Attendants Information
 - Invasive Airway
 - Isolation Status
 - 905 ▪ Restraints
 - Ventilator Usage
 - Provider Level
 - QRPH EHCP Profile
 - Risk Indicators for Hearing Loss
 - 910 ▪ 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:
 - 915 ○ 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
 - 920 ▪ 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
 - 925 ▪ 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
 - 930 ▪ 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
 - 935 ▪ 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,
940 the following Volume 2 section was added to this document:
 - 6.6 Concept Domains
- In the June 2020 publication, the Occupational Data for Health structures were updated to align with changes made in the Healthy Weight supplement (Rev. 2.3)
- In the February of 2021 publication, updated per CP-QRPH-240, CP-QRPH-0241,
945 CP-QRPH-242, and CP-QRPH-243
- In 2022, the following sections were updated to align with revised HL7 CDA Structures supporting Occupational Data for Health
 - 6.3.3.10.5 Occupational Data for Health Section 1.3.6.1.4.1.19376.1.7.3.1.3.24.3

- 6.3.4.64 History of Employment Status Observation
- 950 ○ 6.3.4.65 Usual Occupation Observation Entry
- 6.3.4.66 Past or Present Occupation Observation Entry
- 6.3.4.67 Work Schedule Observation Entry
- 6.3.4.68 Daily Work Hours Observation Entry
- 6.3.4.69 Usual Occupation Duration Entry
- 955 ○ 6.3.4.74 Weekly Work Days Observation Entry
- 6.3.4.bb Date of Retirement Observation Entry
- 6.3.4.cc Combat Zone Period Observation Entry
- 6.3.4.dd Job Duty Observation Entry
- 6.3.4.ee Occupational Hazard Observation Entry
- 960 ○ 6.3.4.ff Supervisory Level Observation Entry
- 6.3.4.yy Past or Present Industry Observation Entry
- 6.3.4.zz Work Classification Observation Entry
- 6.3.4.aa Usual Industry Observation Entry

965

Volume 2 – Transactions and Content Modules

970

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

975

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

R

980

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

985

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 PCC TF-2: 5.3.4.2 for a list of appropriate statements.)

O

990

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

995

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.

1000 *Add Section 6.2*

6.2 Folder Content Modules

1005 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

1010 This section intentionally left blank.

6.2.3 LDR Folder Specification

This section intentionally left blank.

6.3 HL7 Version 3.0 Content Modules

1015 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

1020 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**

1025 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
CDTHP	CDA for Common Document Types History and Physical Notes (DSTU)

6.3.1.x.4 Specification

1030 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

1035 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.

1040

```
1045 <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'/>
1050 <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'/>
  :
1055 <component><structuredBody>
  <component>
    <section>
      <templateId root='1.3.6.1.4.1.19376.1.5.3.1.1.13.2.1'/>
1060 <!-- Required Chief Complaint Section content -->
    </section>
  </component>
  <component>
    <section>
      <templateId root='1.3.6.1.4.1.19376.1.5.3.1.3.4'/>
1065 <!-- 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'/>
1070 <!-- 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'/>
1075 <!-- Required Medications Section content -->
    </section>
  </component>
  <component>
    <section>
      <templateId root='1.3.6.1.4.1.19376.1.5.3.1.3.13'/>
1080 <!-- 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'/>
1085 <!-- Required Social History Section content -->
    </section>
  </component>
  <component>
    <section>
      <templateId root='1.3.6.1.4.1.19376.1.5.3.1.3.14'/>
1090 <!-- Required Family History Section content -->
    </section>
  </component>
  <component>
    <section>
      <templateId root='1.3.6.1.4.1.19376.1.5.3.1.3.18'/>
1095 <!-- 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'/>
1100 <!-- Required Detailed Physical Examination Section content -->
    </section>
  </component>
```

```

1110     </component>
1115     <component>
1120         <section>
1125             <templateId root='1.3.6.1.4.1.19376.1.5.3.1.3.27' />
1130             <!-- Required Results Section content -->
1135         </section>
1140     </component>
1145     <component>
1150         <section>
1155             <templateId root='1.3.6.1.4.1.19376.1.5.3.1.3.28' />
1160             <!-- Required Coded Results Section content -->
1165         </section>
1170     </component>
1175     <component>
1180         <section>
1185             <templateId root='1.3.6.1.4.1.19376.1.5.3.1.1.13.2.5' />
1190             <!-- Required Assessment and Plan Section content -->
1195         </section>
1200     </component>
1205 </structuredBody></component>
1210 </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

1135 *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

1140 **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

1145 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 SHALL be 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

1150 The parent of this template is [Patient Contacts](#).

6.3.2.5.2 Specification

```

1155 <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'>
1160     <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' />

1165 The <templateId> element identifies this person as a spouse and must be recorded exactly as shown above.

```

1170 <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'>

1175 The classCode attribute of the <associatedEntity> element shall be PRS.

```

1180 <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 use 127848009 to represent the patient's spouse or 184142008 to represent the patient's next of kin. The code system name is SNOMED CT.

1185 **6.3.2.5.6 Completed Example**

```

1190 <!-- Husband/Domestic Partner -->
1190 <participant typeCode="IND">
1190   <associatedEntity classCode="NOK">
1190     <code code="184142008" displayName="patient's next of kin"
1190       codeSystem="2.16.840.1.113883.6.96" codeSystemName="SNOMED CT"/>
1190     <addr>
1190       <streetAddressLine>45 Chunn Dr.</streetAddressLine>
1190       <city>Spring Hill</city>
1195       <state>TN</state>
1195       <postalCode>37174</postalCode>
1195       <country>USA</country>
1190     </addr>
1190     <telecom value="tel:(999)555-1212" use="WP"/>
1190     <associatedPerson>
1190       <name>
1190         <prefix>Mr.</prefix>
1190         <given>John</given>
1190         <family>Youngston</family>
1190       </name>
1190     </associatedPerson>
1190   </associatedEntity>
1190 </participant>

```

Add Section 6.3.2.6

1210 **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.

1215 This element SHALL be 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 SHALL use 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

```

1220 <participant typeCode='IND'>
1220   <templateId root='1.3.6.1.4.1.19376.1.5.3.1.2.4' />
1220   <templateId root='1.3.6.1.4.1.19376.1.5.3.1.2.4.1' />
1220   <time value='20070213' />
1225   <associatedEntity classCode='PRS'>
1225     <code code='xx-fatherofbaby' displayName=' ' codeSystem='2.16.840.1.113883.6.96'
1225     codeSystemName='SNOMED CT' />
1225     <addr></addr>
1225     <telecom value=' ' use=' ' />
1225     <assignedPerson><name></name></assignedPerson>
1230   </associatedEntity>
1230 </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'/>

1235 The <templateId> element identifies this person as the natural father and must be recorded exactly as shown above.

```
1240 <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.

```
1245 <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>
```

1250 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 SHALL be xx-fatherofbaby (requested). The code system name is SNOMED CT.

6.3.2.6.6 Completed Example

```
1255 <!-- 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"/>
1260 <addr>
      <streetAddressLine>18 Oak Valley Dr.</streetAddressLine>
      <city>Monteagle</city>
      <state>TN</state>
1265 <postalCode>37205</postalCode>
      <country>USA</country>
    </addr>
    <telecom value="tel:(999)555-1212" use="WP"/>
    <associatedPerson>
      <name>
1270 <prefix>Mr.</prefix>
      <given>Thomas</given>
      <family>Caster</family>
      </name>
    </associatedPerson>
1275 </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

- 1280 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.
- 1285 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

1290 6.3.2.7.2 Specification

```

1295 <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>
1300 </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.
- 1305

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 an act that has occurred.

1310 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.
- 1315 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

1320 **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

1325 *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

1330 **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
----------------------------------	---	---------------------

```

1335 <component>
      <section>
1340   <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'
1345   codeSystem='2.16.840.1.113883.6.1' codeSystemName='LOINC' />
      <text>
        Text as described above
      </text>
      <entry>
        :
1350   <!-- Required Procedure Entry element -->
        <templateId root='1.3.6.1.4.1.19376.1.5.3.1.4.19' />
        :
      </entry>
      <component>
1355   <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>
1360   <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>
1365   <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>
1370   <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

```

1380 <component>
      <section>
        <templateId root='1.3.6.1.4.1.19376.1.5.3.1.1.9.2' />
        <id root=' ' extension=' ' />
1385 <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>
1390 <entry>
          :
          <!-- Required Simple Observation element -->
          <templateId root='1.3.6.1.4.1.19376.1.5.3.1.4.13' />
          :
1395 </entry>
      </section>
    </component>
  
```

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

Add Section 6.3.3.1.7

1400 **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.

```

1405 <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>
1410   Text as described above
        </text>
        <entry>
          :
1415   <!-- 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

1420 *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

```

1425 <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>
1430   Text as described above
        </text>
        <entry>
          :
1435   <!-- 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

```

1445 <component>
      <section>
        <templateId root='1.3.6.1.4.1.19376.1.5.3.1.1.13.2.1.1' />
        <id root=' ' extension=' ' />
1450 <code code='29299-5' displayName='REASON FOR VISIT'
          codeSystem='2.16.840.1.113883.6.1' codeSystemName='LOINC' />
        <text>
          Text as described above
        </text>
1455 </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

```

1465 <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' />
1470 <text>
          Text as described above
        </text>
      </section>
    </component>
    
```

Figure 6.3.3.1.10-1: Sample Injury Incident Description Section

1475

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

1480 *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

1485 **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

1490 *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

1495 **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

1500 *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

1505 **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

1510 *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

1515 **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

1520 **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	<p>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.</p> <p>Functional status includes information concerning:</p> <ul style="list-style-type: none"> 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
1.3.6.1.4.1.19376.1.5.3.1.1.12.2.3	O ^{Note 1}	Braden Score Assessment
1.3.6.1.4.1.19376.1.5.3.1.1.12.2.4	O ^{Note 1}	Geriatric Depression Scale
1.3.6.1.4.1.19376.1.5.3.1.1.12.2.5	O ^{Note 1}	Minimum Data Set

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

1525 **6.3.3.2.22.1 Standards**

- CDAR2** [HL7 CDA Release 2.0](#)
- CRS** [HL7 Care Record Summary](#)
- CCD** [ASTM/HL7 Continuity of Care Document](#)
- LOINC** [Logical Observation Identifier Names and Codes](#)
- SNOMED** [Systematized Nomenclature of Medicine Clinical Terminology](#)

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).

```

1530 <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'
1535       codeSystem='2.16.840.1.113883.6.1' codeSystemName='LOINC' />
        <text>
          Text as described above
        </text>
        <component>
1540         <section>
           <templateId root='1.3.6.1.4.1.19376.1.5.3.1.1.12.2.2' />
           <!-- Required Pain Scale Assessment Section content -->
         </section>
        </component>

1545 <component>
      <section>
        <templateId root='1.3.6.1.4.1.19376.1.5.3.1.1.12.2.3' />
        <!-- Optional Braden Score Assessment Section content -->
1550      </section>
    </component>

    <component>
      <section>
1555        <templateId root='1.3.6.1.4.1.19376.1.5.3.1.1.12.2.4' />
        <!-- Optional Geriatric Depression Scale Section content -->
      </section>
    </component>

1560 <component>
      <section>
        <templateId root='1.3.6.1.4.1.19376.1.5.3.1.1.12.2.5' />
        <!-- Optional Minimum Data Set Section content -->
1565      </section>
    </component>

  </section>
</component>

```

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

1570

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

```

1575 <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'
1580       codeSystem='2.16.840.1.113883.6.1' codeSystemName='LOINC' />
        <text>
          Text as described above
        </text>
        <entry>
          :
1585       <!-- Required Pain Score Observation element -->
          <templateId root='1.3.6.1.4.1.19376.1.5.3.1.1.12.3.1' />
          :
        </entry>
1590 </section>
    </component>

```

Figure 6.3.3.2.23-1: Specification for Pain Scale Assessment Section

Add Section 6.3.3.2.24

1595 **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

```

1600 <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'
1605       codeSystem='2.16.840.1.113883.6.1' codeSystemName='LOINC' />
        <text>
          Text as described above
        </text>
        <entry>
          :
1610       <!-- Required Braden Score Observation element -->
          <templateId root='1.3.6.1.4.1.19376.1.5.3.1.1.12.3.2' />
          :
        </entry>
1615 </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

1620

```

1625 <component>
1625   <section>
1625     <templateId root='1.3.6.1.4.1.19376.1.5.3.1.1.12.2.4' />
1625     <id root=' ' extension=' ' />
1625     <code code='48542-5' displayName='Geriatric Depression Scale (GDS) Panel'
1625           codeSystem='2.16.840.1.113883.6.1' codeSystemName='LOINC' />
1625     <text>
1625       Text as described above
1625     </text>
1625     <entry>
1625       :
1625       <!-- Required Geriatric Depression Score Observation element -->
1625       <templateId root='1.3.6.1.4.1.19376.1.5.3.1.1.12.3.4' />
1625       :
1625     </entry>
1625   </section>
1625 </component>

```

1625

1630

1635

Figure 6.3.3.2.25-1: Specification for Geriatric Depression Scale Section

1640

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 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 At least one Survey Panel or Survey Observation shall be present.
------------------------------------	---	---

```

1645 <component>
      <section>
        <templateId root='1.3.6.1.4.1.19376.1.5.3.1.1.12.2.5' />
        <id root=' ' extension=' ' />
1650 <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>
1655 <entry>
          :
          <!-- Optional Survey Panel element -->
          <templateId root='1.3.6.1.4.1.19376.1.5.3.1.1.12.3.7' />
          :
1660 </entry>
        <entry>
          :
          <!-- Optional Survey Observation element -->
          <templateId root='1.3.6.1.4.1.19376.1.5.3.1.1.12.3.6' />
1665 </entry>
        </section>
      </component>
    
```

Figure 6.3.3.2.26-1: Specification for Physical Function Section

1670 **6.3.3.2.26.1 Constraints**

[Survey Panel](#) 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.

1675 [Survey Observation](#) 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

Panel Code	Observation Code	Description	Data Type	Value Set
	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

Panel Code	Observation Code	Description	Data Type	Value Set
	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

1680 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

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Explanation	Coded Value
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

Explanation	Coded Value
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

1685

```

1690 <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' />
        <text>
          Text as described above
        </text>
        <component>
          <section>
            <templateId root='1.3.6.1.4.1.19376.1.5.3.1.1.9.46' />
            <!-- Required Implanted Medical Device Review Section content -->
          </section>
        </component>
        <component>
          <section>
            <templateId root='1.3.6.1.4.1.19376.1.5.3.1.1.9.47' />
            <!-- Required if known Pregnancy Status Review Section content -->
          </section>
        </component>
        <component>
          <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

1720 *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 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.

```

1725 <component>
      <section>
        <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' />
1730 <text>
          Text as described above
        </text>
        <entry>
          :
1735 <!-- Required Estimated Due Date Observation element -->
          <templateId root='1.3.6.1.4.1.19376.1.5.3.1.1.11.2.3.1' />
          :
        </entry>
      </section>
    </component>

```

1740 **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

```

1745 <component>
      <section>
        <templateId root='1.3.6.1.4.1.19376.1.5.3.1.1.9.8' />
        <id root=' ' extension=' ' />
1750 <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>
1755 </section>
    </component>

```

1760 **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

1765

```

<component>
  <section>
    <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>

```

1770

1775

1780

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

1785

```

1790 <component>
    <section>
      <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'
1795       codeSystem='2.16.840.1.113883.6.1' codeSystemName='LOINC' />
      <text>
        Text as described above
      </text>
    </section>
  </component>

```

1800 **Figure 6.3.3.231-1: 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

1805

```

1810 <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'
1815       codeSystem='2.16.840.1.113883.6.1' codeSystemName='LOINC' />
      <text>
        Text as described above
      </text>
    </section>
  </component>

```

1820

Figure 6.3.3.232-1: Specification for Anesthesia Risk Review of Systems Section

Add Section 6.3.3.2.33

1825 **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

1830

```

<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>
  </section>
</component>

```

1835

1840

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

Add Section 6.3.3.2.34

1845

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

```

1850 <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'
1855       codeSystem='2.16.840.1.113883.6.1' codeSystemName='LOINC' />
        <text>
          Text as described above
        </text>
      </section>
1860 </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

```

1870 <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'
1875       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

1880

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]		Occupational Data for Health Section	1.3.6.1.4.1.19376.1.7.3.1.3.24.3		
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		

1885

```

<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>

```

1890

1895

Figure 6.3.3.2.36-1: Specification for Coded Social History Section

1900

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

```

1905 <component>
1910   <section>
1915     <templateId root='1.3.6.1.4.1.19376.1.5.3.1.1.16.2.1.1.1' />
1920     <id root=' ' extension=' ' />
1925     <code code='56838-6' displayName='History of infectious disease'
1930           codeSystem='2.16.840.1.113883.6.1' codeSystemName='LOINC' />
1935     <text>
1940       Text as described above
1945     </text>
1950   </section>
1955 </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
--	----	------------------------------------

```

1920 <component>
1925   <section>
1930     <templateId root='1.3.6.1.4.1.19376.1.5.3.1.1.21.2.2' />
1935     <id root=' ' extension=' ' />
1940     <code code='57073-9' displayName='Prenatal events'
1945       codeSystem='2.16.840.1.113883.6.1' codeSystemName='LOINC' />
1950     <text>
1955       Text as described above
1960     </text>
1965     <component>
1970       <section>
1975         <templateId root='1.3.6.1.4.1.19376.1.5.3.1.3.28' />
1980         <!-- Required if known Coded Results Section -->
1985       </section>
1990     </component>
1995     <component>
2000       <section>
2005         <templateId root='1.3.6.1.4.1.19376.1.5.3.1.1.13.2.11' />
2010         <!-- Required if known Procedures and Interventions Section -->
2015       </section>
2020     </component>
2025     <component>
2030       <section>
2035         <templateId root='1.3.6.1.4.1.19376.1.5.3.1.1.21.2.9' />
2040         <!-- Required if known Event Outcomes Section -->
2045       </section>
2050     </component>
2055   </section>
2060 </component>
    
```

Figure 6.3.3.2.38-1: Specification for Prenatal Events Section

1950

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
<p>Procedures and Interventions</p> <p>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.</p>	R2	1.3.6.1.4.1.19376.1.5.3.1.1.13.2.11
<p>Coded Event Outcomes</p> <p>This section SHOULD contain outcomes related to the labor and delivery process such as live birth or stillborn.</p> <p>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.</p>	R2	1.3.6.1.4.1.19376.1.7.3.1.1.13.7

```

1955 <component>
    <section>
1960       <templateId root='1.3.6.1.4.1.19376.1.5.3.1.1.21.2.3'/>
       <id root=' ' extension=' '/>
       <code code='57074-7' displayName='Labor and delivery process'
1965         codeSystem='2.16.840.1.113883.6.1' codeSystemName='LOINC'/>
       <text>
         Text as described above
       </text>
       <component>
1970         <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>
1975         <section>
           <templateId root='1.3.6.1.4.1.19376.1.7.3.1.1.13.7'/>
           <!-- 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

1980

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

1985	<pre> <component> <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' /> <text> Text as described above </text> </section> </component> </pre>
1990	<pre> <component> <section> <templateId root='1.3.6.1.4.1.19376.1.5.3.1.1.9.15.1' /> <!-- Required Coded Detailed Physical Examination Section --> </section> </component> </pre>
1995	<pre> <component> <section> <templateId root='1.3.6.1.4.1.19376.1.5.3.1.3.6' /> <!-- Required if known Active Problems Section --> </section> </component> </pre>
2000	<pre> <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> </component> </pre>
2005	<pre> <component> <section> <templateId root='1.3.6.1.4.1.19376.1.5.3.1.3.21' /> <!-- Required if known Medications Administered Section --> </section> </component> </pre>
2010	<pre> <component> <section> <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> </pre>
2015	<pre> </component> </section> </component> </pre>
2020	<pre> </section> </component> </pre>

Figure 6.3.3.2.40-1: Specification for Newborn Delivery Information Section

Add Section 6.3.3.2.41

2025 **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

```

2030 <component>
      <section>
        <templateId root='1.3.6.1.4.1.19376.1.5.3.1.1.21.2.7' />
        <id root=' ' extension=' ' />
        <code code='57076-2' displayName='POST PARTUM HOSPITALIZATION TREATMENT'
2035         codeSystem='2.16.840.1.113883.6.1' codeSystemName='LOINC' />
        <text>
          Text as described above
        </text>
        <component>
          <section>
            <templateId root='1.3.6.1.4.1.19376.1.5.3.1.3.6' />
            <!-- 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>
2050 <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>
2055 </component>
        <component>
          <section>
            <templateId root='1.3.6.1.4.1.19376.1.5.3.1.1.13.2.11' />
            <!-- Required Procedures and Interventions Section -->
2060 </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 -->
2065 </section>
          </component>
        <component>
          <section>
            <templateId root='1.3.6.1.4.1.19376.1.5.3.1.3.31' />
            <!-- Optional Care Plan Section -->
2070 </section>
          </component>
        <component>
          <section>
            <templateId root='1.3.6.1.4.1.19376.1.5.3.1.3.33' />
            <!-- Required Discharge Diet Section -->
2075 </section>
          </component>
2080 </section>
    </component>

```

Figure 6.3.3.2.41-1: Specification for Postpartum Treatment Section

Add Section 6.3.3.2.42

2085 **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

```

2090 <component>
2095   <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' />
      <text>
        Text as described above
      </text>
    </section>
  </component>

```

Figure 6.3.3.2.42-1: Specification for Event Outcomes Section

Add Section 6.3.3.2.43

2100 **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

```

2105 <component>
2110   <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' />
      <text>
        Text as described above
      </text>
    </section>
  </component>

```

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

Add Section 6.3.3.2.44

2115 **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

2120

```
<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' />
    <text>
      Text as described above
    </text>
  </section>
</component>
```

2125

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

2130 *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

2135

```
<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' />
    <text>
      Text as described above
    </text>
  </section>
</component>
```

2140

Figure 6.3.3.2.45-1: Specification for Operative Note Section

2145

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

2150

Example

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```

<component>
  <section>
    <templateId root="1.3.6.1.4.1.19376.1.7.3.1.1.13.3"/>
    <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/>
    <component>
      <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

2180

2185

2190

2195

```

<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>

```

2200

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

```

2205 <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=' ' />
2210 <code code='47420-5' displayName=' Functional Status Assessment '
          codeSystem='2.16.840.1.113883.6.1' codeSystemName='LOINC' />
          <text>
            :
          </text>
2215 <entry>
          :
          <!-- Required Simple Observation element -->
          <templateId root=1.3.6.1.4.1.19376.1.5.3.1.4.13 />
            :
2220 </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

2225

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

```

2230 <component>
      <section>
        <!--Coded Event Outcomes assessment section templateId -->
        <templateId root='1.3.6.1.4.1.19376.1.7.3.1.1.13.7' />
        <id root=' ' extension=' ' />
        <code code='42545-4' displayName='Event Outcome'
          codeSystem='2.16.840.1.113883.6.1' codeSystemName='LOINC' />
2235       <text>
          :
        </text>
        <entry>
          :
2240       <!-- Required Simple Observation element -->
        <templateId root='1.3.6.1.4.1.19376.1.5.3.1.4.13' />
          :
        </entry>
        <entry>
          :
2245       <!-- 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>
2250       <entry>
          :
        <!-- Optional Problem Entry element -->
        <templateId root='1.3.6.1.4.1.19376.1.5.3.1.4.5' />
          :
2255       </entry>
      </section>
    </component>

```

2260 *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)

2265 **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	<u>Medications</u> 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	<u>Procedure</u> 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	<u>Encounter</u> 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	<u>Observation Request</u> Observation request entries should appear for all pending follow-up observations. These entries shall appear in intent mood.

2270

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

2275

2280

2285

```

<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

2290

2295

2300

```

<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

2305

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

2310

2315

2320

```

<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

2325

2330

2335

```

<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

2340

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

```

2345 <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>
2350   Text as described above
        </text>
        <entry>
          :
2355   <!-- 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

2360

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

```

2365 <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>
2370   Text as described above
        </text>
        <entry>
          :
2375   <!-- Required Cancer Diagnosis Entry element -->
          <templateId root='1.3.6.1.4.1.19376.1.7.3.1.4.14.1' />
          :
        </entry>
      </section>
    </component>

```

2380

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

2385 **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

2390 *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

2395 **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

2400 **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

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		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

```

2405 <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'
2410       codeSystem='2.16.840.1.113883.6.1' codeSystemName='LOINC' />
        <text>
          Text as described above
        </text>
        <component>
          <section>
2415             <templateId root='1.3.6.1.4.1.19376.1.5.3.1.3.25' />
                <!-- Optional Vital Signs Section content -->
            </section>
          </component>
        </section>
2420 </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

```

2425 <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'
2430       codeSystem='2.16.840.1.113883.6.1' codeSystemName='LOINC' />
        <text>
          Text as described above
        </text>
        <entry>
2435         :
          <!-- Optional Problem Entry element -->
          <templateId root='1.3.6.1.4.1.19376.1.5.3.1.4.5' />
          :
2440        </entry>
        </section>
      </component>
    
```

Figure 6.3.3.4.31-1: Pelvis Section

2445 *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

2450

```

<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>

```

2455

Figure 6.3.3.4.32-1: Admission Physical Exam Section

2460 *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

2465

```

<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>
  </section>
</component>

```

2470

Figure 6.3.3.4.33-1: Discharge Status Section

2475

6.3.3.5 Relevant Studies

Add Section 6.3.3.3.5.1

6.3.3.5.1 Results

2480 *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

2485 **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	<u>The ED Consultations section shall contain a narrative description of the consultations obtained during an encounter of care.</u>	
LOINC Code	Opt	Description
18693-2	R	ED CONSULTANT PRACTITIONER

2490 `<component>`
 2495 `<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>`

2500 **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

2505

2510

2515

```

<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>
  </section>
</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

2520

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

```

2525 <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' />
2530 <text>
          Text as described above
        </text>
        <entry>
          :
2535 <!-- 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

2540

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)

2545

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

2550

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

6.3.3.5.11 Hearing Screening Coded Results

2555 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.

2560 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 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

2565 The parent of this template is Coded Results.

```

2570 <component>
2575 <section>
2580 <templateId root='1.3.6.1.4.1.19376.1.5.3.1.3.28' />
2585 <id root=' ' extension=' ' />
2590 <code code='30954-2' displayName='Relevant diagnostic tests/laboratory data'
codeSystem='2.16.840.1.113883.6.1' codeSystemName='LOINC' />
2595 <text>
Text as described above
</text>
2600 <entry>
:
2605 <!-- Required Procedure Entry element -->
<templateId root='1.3.6.1.4.1.19376.1.5.3.1.4.19' />
:
2610 </entry>
<entry>
:
2615 <!-- Required if known References Entry element -->
<templateId root='1.3.6.1.4.1.19376.1.5.3.1.4.4' />
:
2620 </entry>
<entry>
:
2625 <!-- Optional Simple Observation element -->
<templateId root='1.3.6.1.4.1.19376.1.5.3.1.4.13' />
:
2630 </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

2600 **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

2605 *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

2610 **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

2615 **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

```

2620 <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=' ' />
2625 <code code='18776-5' displayName='TREATMENT PLAN'
        codeSystem='2.16.840.1.113883.6.1' codeSystemName='LOINC' />
        <text>
          Text as described above
        </text>
2630 </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

2635

Sample Health Maintenance Care Plan Section

```

2640 <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=' ' />
2645 <code code='18776-5' displayName='TREATMENT PLAN'
        codeSystem='2.16.840.1.113883.6.1' codeSystemName='LOINC' />
        <text>
          Text as described above
        </text>
2650 </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

2655

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

2660

2665

2670

```

<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 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 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 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 Observation request entries should appear for all ordered observations. These entries shall appear in intent mood.
------------------------------------	---	--

2675

Sample Provider Orders Section

2680

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2710

```

<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' />
      :
    </entry>
    <entry>
      :
      <!-- Required if known 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>
    <entry>
      :
      <!-- Optional Observation Requests element -->
      <templateId root='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

2715

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


```

2720 <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>
2725   Text as described above
        </text>
      </section>
    </component>
  
```

Figure 6.3.3.6.12-1: Specification for Birth Plan Section

Add Section 6.3.3.6.13

2730 **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.

```

2735 <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>
2740   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

2750

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.

```

2755 <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>
2760       Text as described above
        </text>
        <entry>
          :
2765       <!-- Optional Observation Requests element -->
          <templateId root='1.3.6.1.4.1.19376.1.5.3.1.1.20.3.1' />
          :
        </entry>
        <entry>
          :
2770       <!-- Optional Medication element -->
          <templateId root='1.3.6.1.4.1.19376.1.5.3.1.4.7' />
          :
        </entry>
        <entry>
          :
2775       <!-- Optional Immunization element -->
          <templateId root='1.3.6.1.4.1.19376.1.5.3.1.4.12' />
          :
        </entry>
        <entry>
          :
2780       <!-- Optional Procedure element -->
          <templateId root='1.3.6.1.4.1.19376.1.5.3.1.4.19' />
          :
        </entry>
        <entry>
          :
2785       <!-- Optional Encounter element -->
          <templateId root='1.3.6.1.4.1.19376.1.5.3.1.4.14' />
          :
2790       </entry>
      </section>
    </component>

```

Figure 6.3.3.6.15-1: Specification for Care Plan Section

2795

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

2800

```
<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>
```

2805

Figure 6.3.3.6.16-1: Specification for Diet Restrictions Section

2810

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	

2815

```
<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>
```

2820

Figure 6.3.3.6.17-1: Specification for Fluid Management Section

2825

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)

2830

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.

2835
2840
2845
2850

```

<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)

2855 **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

2860

```

<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>

```

2865

Figure 6.3.3.6.21-1: Sample Protocols Used Section

2870

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

Modified by CP PCC 0205

2875 **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 NEMESIS_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 NEMESIS

```

2880 <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 NEMESIS
2885       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

2890 *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

```

2895 <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'
2900       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

2910 *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

2915 **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

2920

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

2925

```

<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>

```

2930

2935

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)

2940

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

```

2945 <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' />
2950 <text>
          Text as described above
        </text>
      </section>
    </component>
  
```

Figure 6.3.3.7.7-1: Sample Receiving Facility Section

2955 *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 NEMESIS

```

2965 <component>
      <section>
        <templateId root='1.3.6.1.4.1.19376.1.5.3.1.1.25.2.3' />
        <id root=' ' extension=' ' />
        <code code='67490-3' displayName='Mass casualty incident NEMESIS '
          codeSystem='2.16.840.1.113883.6.1' codeSystemName='LOINC' />
2970 <text>
          Text as described above
        </text>
      </section>
    </component>
  
```

Figure 6.3.3.7.8-1: Sample Mass Casualty Incident Section

2975 *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

2980
2985
2990

```

<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

2995
3000
3005

```

<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

3010

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 NEMESIS

3015

```
<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 NEMESIS '
          codeSystem='2.16.840.1.113883.6.1' codeSystemName='LOINC' />
    <text>
      Text as described above
    </text>
  </section>
</component>
```

3020

3025

Figure 6.3.3.7.11-1: Sample Provider Level Section

Add Section 6.3.3.8

6.3.3.8 Interventions

3030

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.

3035

3040

3045

3050

```

<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' />
      :
    </entry>
  </section>
</component>

```

Figure 6.3.3.8.3-1: Specification for Procedures and Interventions Section

3055

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

```

3060 <component>
      <section>
        <templateId root='1.3.6.1.4.1.19376.1.5.3.1.1.13.2.6' />
        <id root=' ' extension=' ' />
3065 <code code='57072-1' displayName='Intravenous fluids administered'
      codeSystem='2.16.840.1.113883.6.1' codeSystemName='LOINC' />
        <text>
          Text as described above
        </text>
3070 <entry>
      :
        <!-- Required Intravenous Fluids element -->
        <templateId root='1.3.6.1.4.1.19376.1.5.3.1.1.13.3.2' />
      :
3075 </entry>
    </section>
  </component>

```

Figure 6.3.3.8.4-1: Specification for Intravenous Fluids Administered Section

Add Section 6.3.3.9

3080 **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

3085 **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

3090

The parent of this template is 1.3.6.1.4.1.19376.1.5.3.1.3.6

```

3095 <component>
      <section>
3100   <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'
3110   codeSystem='2.16.840.1.113883.6.1' codeSystemName='LOINC' />
      <text>
        Text as described above
      </text>
      <entry>
        :
3105   <!-- 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

3115 *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 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 Other entries on the flowsheet are "batteries" which represent a single visit.

```

3120 <component>
      <section>
        <templateId root='1.3.6.1.4.1.19376.1.5.3.1.1.11.2.2.2' />
        <id root=' ' extension=' ' />
3125 <code code='57059-8' displayName='Pregnancy visit summary'
      codeSystem='2.16.840.1.113883.6.1' codeSystemName='LOINC' />
        <text>
          Text as described above
        </text>
3130 <entry>
      :
        <!-- Required Simple Observation element -->
        <templateId root='1.3.6.1.4.1.19376.1.5.3.1.4.13' />
        :
3135 </entry>
      <entry>
        :
3140 <!-- Required Antepartum Flowsheet Panel element -->
        <templateId root='1.3.6.1.4.1.19376.1.5.3.1.1.11.2.3.2' />
        :
      </entry>
    </section>
  </component>

```

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

3145

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)

```

3150 <component>
      <section>
        <templateId root='1.3.6.1.4.1.19376.1.5.3.1.1.13.2.7' />
        <id root=' ' extension=' ' />
3155 <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>
3160 </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

3165

```

<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' />
      :
    </entry>
  </section>
</component>

```

3170

3175

3180

Figure 6.3.3.9.5-1: Specification for ED Diagnosis Section

3185

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 This entry provides coded values giving the triage acuity.


```

3190 <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' />
3195 <text>
          Text as described above
        </text>
        <entry>
          :
3200 <!-- Required Acuity element -->
          <templateId root='1.3.6.1.4.1.19376.1.5.3.1.1.13.3.1' />
          :
        </entry>
      </section>
3205 </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

```

3210 <component>
      <section>
        <templateId root='1.3.6.1.4.1.19376.1.5.3.1.1.13.2.4' />
        <id root=' ' extension=' ' />
3215 <code code='51848-0' displayName='ASSESSMENT'
          codeSystem='2.16.840.1.113883.6.1' codeSystemName='LOINC' />
        <text>
          Text as described above
        </text>
3220 <entry>
          :
          <!-- Optional Nursing Assessments Battery element -->
          <templateId root='1.3.6.1.4.1.19376.1.5.3.1.1.13.3.4' />
          :
3225 </entry>
      </section>
    </component>
    
```

Figure 6.3.3.9.7-1: Specification for Assessments Section

3230

Add section 6.3.3.10

6.3.3.10 Section Content Modules-Non-categorized

3235

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)

3240

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	

```

3245 <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'
3250       codeSystem='2.16.840.1.113883.6.1' codeSystemName='LOINC' />
        <text>
          Text as described above
        </text>
        <entry>
          :
3255       <!-- Required Time of Death -->
          <templateId root='2.16.840.1.113883.10.20.24.1.3' />
          :
        </entry>
        <entry>
          :
3260       <!-- Required Location of Death -->
          <templateId root='2.16.840.1.113883.10.20.24.1.4' />
          :
        </entry>
        <entry>
          :
3265       <!--Optional Death Certification -->
          <templateId root='2.16.840.1.113883.10.20.24.1.5' />
          :
        </entry>
        <entry>
          :
3270       <!--Required Manner of Death -->
          <templateId root='2.16.840.1.113883.10.20.24.1.7' />
          :
        </entry>
        <entry>
          :
3275       <!--Conditional Pregnancy Status -->
          <templateId root='2.16.840.1.113883.10.20.24.1.8' />
          :
        </entry>
        <entry>
          :
3280       <!--Required if known Tobacco Use -->
          <templateId root='2.16.840.1.113883.10.20.24.1.9' />
          :
        </entry>
        <entry>
          :
3285
3290
    
```

```

3295     <!--Required if known Injury -->
         <templateId root='2.16.840.1.113883.10.20.24.1.10' />
         :
</entry>
3295 <entry>
         :
         <!--Required Death Causal Information -->
         <templateId root='2.16.840.1.113883.10.20.24.1.6' />
         :
3300 </entry>
<entry>
         :
         <!--Required Autopsy Performance -->
         <templateId root='2.16.840.1.113883.10.20.24.1.11' />
         :
3305 </entry>
<entry>
         :
         <!--Conditional Autopsy Results -->
         <templateId root='2.16.840.1.113883.10.20.24.1.13' />
         :
3310 </entry>
         <entry>
         :
         <!--Optional Coroner Referral -->
         <templateId root='2.16.840.1.113883.10.20.24.1.14' />
         :
3315 </entry>
<entry>
         :
         <!--Required Coroner Case Transfer -->
         <templateId root='2.16.840.1.113883.10.20.24.1.12' />
         :
3320 </entry>
<entry>
         :
         <!--Required Death Location Type -->
         <templateId root=' 1.3.6.1.4.1.19376.1.7.3.1.4.23.2' />
         :
3325 </entry>
<entry>
         :
         <!--Required Death Pronouncement-->
         <templateId root=' 1.3.6.1.4.1.19376.1.7.3.1.4.23.1' />
         :
3330 </entry>
3335 </entry>
3340 </section>
</component>

```

Figure 6.3.3.10.1-1: Sample VRDR Death Report Section

6.3.3.10.1.1 Pregnancy Status Entry Condition

3345 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

3350 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.

3355 *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		

```

3360 <component>
      <section>
        <templateId root=' 1.3.6.1.4.1.19376.1.7.3.1.3.23.1' />
        <id root=' ' extension=' ' />
3365 <code code='8648-8' displayName='HOSPITAL COURSE'
      codeSystem='2.16.840.1.113883.6.1' codeSystemName='LOINC' />
        <text>
          Text as described above
        </text>
3370 <entry>
      :
      <!-- Required if known Time of Death element -->
      <templateId root='2.16.840.1.113883.10.20.24.1.3' />
      :
3375 </entry>
    </section>
  </component>

```

Figure 6.3.3.10.2-1: Sample Coded Hospital Course Section

3380 *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

```

3385 <component>
      <section>
        <templateId root='1.3.6.1.4.1.19376.1.7.3.1.3.24.1' />
        <id root=' ' extension=' ' />
3390 <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>
3395 </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

3400

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	<p>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:</p> <ul style="list-style-type: none"> • 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

3405

3410

3415

```

<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 1.3.6.1.4.1.19376.1.7.3.1.3.24.3

3420

Table 6.3.3.10.5-1: Occupational Data for Health Section

Template Name		Occupational Data for Health			
Template ID		1.3.6.1.4.1.19376.1.7.3.1.3.24.3			
Parent Template					
General Description		The Occupational Data for Health section describes self-reported, structured and standardized patient work information that has broad applicability to healthcare as part of the medical record; it is suitable for many use cases supporting patient care, population health, and public health. Information about unpaid work (e.g., work on a family farm) and some volunteer positions, especially those that are most likely to pose health risks, is included. Although the focus is primarily on the patient’s work information, the potential to use some of ODH to represent work information of household members for some patients (e.g., newborn or minor) is also included. 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 Summary Note”			
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..*]		History of Employment Status Observation	1.3.6.1.4.1.19376.1.7.3.1.4.24.18	CDA Content Module: 6.3.4.64	
R2 [0..1]		Usual Occupation Observation	1.3.6.1.4.1.19376.1.7.3.1.4.24.20	CDA Content Module: 6.3.4.69	
R2 [0..*]		Past or Present Occupation Observation	1.3.6.1.4.1.19376.1.7.3.1.4.24.19	CDA Content Module: 6.3.4.66	
R2 [0..*]		Date of Retirement Observation	1.3.6.1.4.1.19376.1.7.3.1.4.24.21	CDA Content Module: 6.3.4.bb	
R2 [0..*]		Combat Zone Period Observation	1.3.6.1.4.1.19376.1.7.3.1.4.24.22	CDA Content Module: 6.3.4.cc	

6.3.3.10.5.1 Occupational Data for Health Section < 74166-0>

[section: templateId 1.3.6.1.4.1.19376.1.7.3.1.3.24.3 (open)]

3425

1. The Occupational Data for Health section describes self-reported, structured and standardized patient work information that has broad applicability to healthcare as part of the medical record; it is suitable for many use cases supporting patient care, population health, and public health. Information about unpaid work (e.g., work on

- a family farm) and some volunteer positions, especially those that are most likely to pose health risks, is included. Although the focus is primarily on the patient’s work information, the potential to use some of ODH to represent work information of household members for some patients (e.g., newborn or minor) is also included. **SHALL** contain exactly one [1..1] **templateId** such that it
- a. **SHALL** contain exactly one [1..1]
 - @root**="1.3.6.1.4.1.19376.1.7.3.1.3.24.3".
- 3435
2. **SHALL** contain exactly one [1..1] **code/@code**="74166-0" Occupational Summary Note (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**.
- 3440
5. **SHOULD** contain zero or more [0..*] History of Employment Status Observation (1.3.6.1.4.1.19376.1.7.3.1.4.24.18) **entry**
 6. **SHOULD** contain zero or one [0..1] Usual Occupation Observation (1.3.6.1.4.1.19376.1.7.3.1.4.24.20) **entry**
 7. **SHOULD** contain zero or more [0..*] Past or Present Occupation Observation (1.3.6.1.4.1.19376.1.7.3.1.4.24.19) **entry**
- 3445
8. **SHOULD** contain zero or more [0..*] Date of Retirement Observation (1.3.6.1.4.1.19376.1.7.3.1.4.24.21) **entry**
 9. **SHOULD** contain zero or more [0..*] Combat Zone Period Observation (1.3.6.1.4.1.19376.1.7.3.1.4.24.22)

```

3450 <section>
...
<!-- Sub section for Occupational Data For Health -->
<component>
3455   <section>
      <templateId root="2.16.840.1.113883.10.20.22.2.17"/>
      <!-- ODH SECTION TEMPLATE ID-->
      <templateId root="1.3.6.1.4.1.19376.1.7.3.1.3.24.3"/>
      <code code="74166-0" codeSystem="2.16.840.1.113883.6.1"
3460 codeSystemVersion="0" codeSystemName="LOINC" displayName="Occupational
Data for Health"/>
      <text>...</text>
      <entry>
3465         :
          <!--HISTORY OF EMPLOYMENT STATUS OBSERVATION ENTRY TEMPLATE
ID-->
          <templateId root="1.3.6.1.4.1.19376.1.7.3.1.4.24.18"/>
          :
3470         <!-- USUAL OCCUPATION OBSERVATION ENTRY TEMPLATE ID-->
          <templateId root="1.3.6.1.4.1.19376.1.7.3.1.4.24.20"/>
          :
          <!--PAST OR PRESENT OCCUPATION OBSERVATION ENTRY TEMPLATE
ID-->
3475         <templateId root="1.3.6.1.4.1.19376.1.7.3.1.4.24.19"/>
          :
          <!--DATE OF RETIREMENT OBSERVATION ENTRY TEMPLATE ID-->
          <templateId root="1.3.6.1.4.1.19376.1.7.3.1.4.24.21"/>
          :
3480         <!--COMBAT ZONE PERIOD OBSERVATION ENTRY TEMPLATE ID-->
          <templateId root="1.3.6.1.4.1.19376.1.7.3.1.4.24.22"/>
          :
          </entry>
      </section>
3485 </component>
...
</section>

```

Figure 6.3.3.10.5-1: Occupational Data for Health Section example

3490 **6.3.4 CDA Entry Content Modules**

Please note: Sections 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

3495 A family history observation is a [Simple Observation](#) that uses a specific vocabulary, and inherits constraints from CCD. Family history observations are found inside [Family History Organizers](#).

6.3.4.25.1 Standards

CCD [ASTM/HL7 Continuity of Care Document](#)

6.3.4.25.2 Parent Template

3500 The parent of this template is [Simple Observation](#). This template is compatible with the ASTM/HL7 Continuity of Care Document template: 2.16.840.1.113883.10.20.1.22

6.3.4.25.3 Specification

```

3505 <observation typeCode='OBS' moodCode='EVN'>
    <templateId root='1.3.6.1.4.1.19376.1.5.3.1.4.13' />
3510 <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=' ' />
3515 <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' />

3520 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=' ' />

3525 The <code> indicates the type of observation made (e.g., Diagnosis, et cetera). See the code element in the Problem Entry for suggested values.

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

3530 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.

3535

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

3540

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

```

3545 <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'>
3550   <time value=' ' />
      <assignedAuthor>
        <id root=' ' extension=' ' />
      </assignedAuthor>
    </author>
3555 <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>
3560 <value xsi:type='TS' value=' ' />
    <entryRelationship typeCode='SPRT'>
      <observation classCode='OBS' moodCode='EVN'>
        <id root=' ' extension=' ' />
        <statusCode code='completed' />
        <effectiveTime value=' ' />
        <author typeCode='AUT'>
3565   <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=' ' />
3575 <entryRelationship typeCode='DRIV'>
          <observation classCode='OBS' moodCode='EVN'>
            <id root=' ' extension=' ' />
            <statusCode code='completed' />
            <effectiveTime value=' ' />
            <author typeCode='AUT'>
3580   <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' />
3590 </observation>
          </entryRelationship>
        </observation>
      </entryRelationship>
    </observation>

```

3600 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'/>

3605 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'/>

3610 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>

3615 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.

3620

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'>

3625 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]**

3635 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

3640 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

3645

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.

3650 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]**

3655 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.

3660 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]

3665 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

3670 **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.

3675 *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

```

3680 <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=' ' />
3685 <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>
3690 <id root=' ' extension=' ' />
          </assignedAuthor>
        </author>
        <component>
3695 <observation classCode='OBS' moodCode='EVN'>
          <templateId root='1.3.6.1.4.1.19376.1.5.3.1.4.13' />
          :
          </observation>
        </component>
        <component>
3700 <observation classCode='OBS' moodCode='EVN'>
          <templateId root='1.3.6.1.4.1.19376.1.5.3.1.4.13' />
          :
          </observation>
        </component>
3705 :
      </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'/>

3710 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'/>

3715 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'/>

3720 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>

3725 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'

3730 **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	

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LOINC Code	displayName	xsi:type	units	value set
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

LOINC Code	displayName	xsi:type	units	value set
				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
57070-5	Date next clinic visit	PQ	day,week,mo	
48767-8	Annotation comment	ED		

3735

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.

3740 **6.3.4.29.1 Standards**

CCD [ASTM/HL7 Continuity of Care Document](#)

6.3.4.29.2 Specification

3745

3750

3755

```

<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>
    
```

3760

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

3765

**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.

3770

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	

Code	Description	Data Type
116859006	Transfusion of blood product	
71388002	Other Directive	<value> not permitted

3775 **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.

3780 The value element is not permitted when the <code> element describes an Other directive.

6.3.4.29.6 <reference typeCode='REFR'>
<templatedId root='2.16.840.1.113883.10.20.1.36'/>
<externalDocument classCode='DOC' moodCode='EVN'>
<id root=' ' extension=' '/>
 3785 **<text><reference value=' '/></text>**

3790 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.

<i>Add Section 6.3.4.30</i>

6.3.4.30 Blood Type Observation 1.3.6.1.4.1.19376.1.5.3.1.4.13.6

3795 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](#)

6.3.4.30.2 Specification

```

3800 <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=' ' />
3805 <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=' ' />
3810 <repeatNumber value=' ' />
      <value xsi:type='CE' code=' ' displayName=' ' codeSystem=' ' codeSystemName=' ' />
      <interpretationCode code=' ' codeSystem=' ' codeSystemName=' ' />
      <methodCode code=' ' codeSystem=' ' codeSystemName=' ' />
      <targetSiteCode code=' ' codeSystem=' ' codeSystemName=' ' />
3815 </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' />**

3820 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' />**

3825 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=' ' />**

3830

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

3835

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

3840

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

<i>Add Section 6.3.4.31</i>

3845

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.

3850

6.3.4.31.1 Standards

CCD [ASTM/HL7 Continuity of Care Document](#)

6.3.4.31.2 Specification

```

3855 <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="" />
3860 <code code="" codeSystem='2.16.840.1.113883.5.4' codeSystemName='ActEncounterCode' />
      <text><reference value='#xxx' /></text>
      <effectiveTime>
        <low value="" />
        <high value="" />
      </effectiveTime>
3865 <priorityCode code="" />
      <performer typeCode='PRF'>
        <time><low value="" /><high value="" /></time>
        <assignedEntity>...</assignedEntity>
      </performer>
3870 <author />
      <informant />
      <participant typeCode='LOC'>
        <participantRole classCode='SDLOC'>
3875 <id />
          <code />
          <addr>...</addr>
          <telecom value="" use="" />
          <playingEntity classCode='PLC' determinerCode='INST'>
3880 <name></name>
          </playingEntity>
        </participantRole>
      </participant>
    </encounter>

```

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

3885 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' />

3890 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="" />

3895 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' />

3900 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.

3905 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.

3910 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>

3915 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.

**3920 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.

3925 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>

3930 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>**

3935

</playingEntity>

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

<i>Add Section 6.3.4.32</i>

3940

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.

3945

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

3950

```
<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>
```

3955

3960

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'>

3965

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'>

3970

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=' '/>

3975 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

3980 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](#)

6.3.4.33.2 Specification

```

3985 <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' />
3990 <text><reference value='#xxx' /></text>
  <statusCode code='completed|active|aborted|cancelled' />
  <effectiveTime>
    <low value=' ' />
    <high value=' ' />
3995 </effectiveTime>
  <priorityCode code=' ' />
  <approachSiteCode code=' ' displayName=' ' codeSystem=' ' codeSystemName=' ' />
  <targetSiteCode code=' ' displayName=' ' codeSystem=' ' codeSystemName=' ' />
  <author />
  <informant />
4000 <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>
4005 </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=' ' />
4010 </act>
  </entryRelationship>
</procedure>

```

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

4015 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'/>

4020 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.

4025 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'/ >

4030 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>

4035 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.

4040 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=""/ >

4045 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.

4050 **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.

4055

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

4060 *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

```

4065 <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='' />
4070 <text><reference value='#xxx' /></text>
      <statusCode code='normal|completed' />
      <effectiveTime value=''/>
      <performer typeCode='PRF'>
        <assignedEntity>
4075         <id root='' extension=''/>
         <addr></addr>
         <telecom value='' use=''/>
         <assignedPerson>
           <name></name>
4080         </assignedPerson>
        </assignedEntity>
      </performer>
      <participant typeCode='RCV'>
        <time value=''/>
4085        <participantRole classCode='ROL'>
          <id root='' extension=''/>
          <addr></addr>
          <telecom value='' use=''/>
          <playingEntity>
            <name></name>
4090          </playingEntity>
          </participantRole>
        </participant>
      <entryRelationship typeCode='COMP'>
4095        <act classCode='ACT'>
          <templateId root='1.3.6.1.4.1.19376.1.5.3.1.1.10.4.1' />
          :
        </act>
      </entryRelationship>
    </act>

```

4100 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.

4105 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.

4110 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.

4115 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'.

4125 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'>

4130 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.

4135 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>

4140 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>

4145 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>**

4150 This element identifies the person or organization that is receiving the patient. =====
4155 <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.

4160

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

4165

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

4170

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](#) that records the patient's assessment of their pain on a scale from 0 to 10.

6.3.4.38.1 Parent Template

4175 The parent of this template is [Simple Observation](#).

6.3.4.38.2 Specification

```

4180 <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>
4185 <text><reference value='#xxx' /></text>
  <statusCode code='completed' />
  <effectiveTime value=' ' />
  <repeatNumber value=' ' />
4190 <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>

```

4195 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.

4200 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' />

4205 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=' ' />

4210 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.

4215 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

4220

- OTH – Other
- NASK – Not asked
- ASKU – asked but unknown
- MSK – Masked
- NAV - Temp unavailable

4225

6.3.4.38.6 `<interpretationCode code='301379001|40196000|76948002|67849003' codeSystem='2.16.840.1.113883.6.96' codeSystemName='SNOMED CT'/>`

4230 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

4235

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=' '/>`

4240 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

4245 *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

4250

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

4255 **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.

6.3.4.43.1 Parent Template

This template is compatible with the ASTM/HL7 Continuity of Care Document template:
2.16.840.1.113883.10.20.1.32

4260 **6.3.4.43.2 Uses**

See Templates using [Survey Panel](#).

6.3.4.43.3 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>
    
```

4265 **6.3.4.43.3.1 <organizer classCode='CLUSTER' moodCode='EVN'>**

The survey panel is a cluster of related survey observations.

**6.3.4.43.3.2 <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' />**

4270 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.

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

The organizer shall have an <id> element.

4275 **6.3.4.43.3.4 <code code=' ' displayName=' '
codeSystem=' '
codeSystemName=' ' />**

The <code> element shall be present, and identifies the survey panel.

6.3.4.43.3.5 <statusCode code='completed' />

The observations have all been completed.

4280 **6.3.4.43.3.6 <effectiveTime value=' ' />**

The effective time element shall be present to indicate when the survey panel was taken.

**6.3.4.43.3.7 <!-- one or more survey observations -->
<component typeCode='COMP'>**

4285 The organizer shall have one or more <component> elements that are <observation> elements using the [Survey Observation](#) 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

4290 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

4295 The parent of this template is [Simple Observation](#). This template is compatible with the ASTM/HL7 Continuity of Care Document template: 2.16.840.1.113883.10.20.1.31

6.3.4.44.2 Uses

See [Templates using Survey Observation](#).

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>
```

4300

6.3.4.44.3.1 **<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' />

4305 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.

6.3.4.44.3.2 **<code code=' ' codeSystem='2.16.840.1.113883.6.1'**
codeSystemName='LOINC' />

A survey observation entry shall contain a code identifying the observation made.

4310 **6.3.4.44.3.3** **<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.

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

An interpretation code may be present to provide an interpretation of the observation.

4315 **6.3.4.44.3.4** `<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.

4320 *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

```

4325 <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=' ' />
4330         <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 -
->
4335         <originalText><reference value='#(ID of text coded)' /></originalText>
        </code>
        <text><reference value='#text' /></text>
        <!-- effectiveTime
4340         <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'>

4345 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'`.

4350 **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'>

4355 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'/><originalText>

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>

4360 This is a reference to the narrative text corresponding to the Observation act.

6.3.4.45.1.7 <effectiveTime>

4365 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=""/>

4370 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.

4375

```

<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

4380 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

```

4385 <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=''/>
4390 <text><reference value='#med-1'></text>
  <statusCode code='completed|active'/>
  <effectiveTime xsi:type='IVL_TS'>
    <low value=''/>
    <high value=''/>
4395 </effectiveTime>
  <effectiveTime operator='A' xsi:type='TS|PIVL_TS|EIVL_TS|PIVL_PPD_TS|SXPR_TS'>
    :
  </effectiveTime>
  <routeCode code='' codeSystem='' displayName='' codeSystemName=''/>
4400 <doseQuantity value='' unit=''/>
  <approachSiteCode code='' codeSystem='' displayName='' codeSystemName=''/>
  <rateQuantity value='' unit=''/>
  <consumable>
    :
4405 .
  </consumable>
  <!-- 0..* entries describing the components -->
  <entryRelationship typeCode='COMP' >
    <sequenceNumber value=''/>
4410 </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'/>
4415 <id root='' extension=''/>
    </act>
  </entryRelationship>
  <!-- An optional entry relationship that provides prescription activity -->
4420 <entryRelationship typeCode='REFR'>
    <templateId root='1.3.6.1.4.1.19376.1.5.3.1.4.7.3'/>
    :
    .
  </entryRelationship>
4425 <precondition>
  <critterion>
    <text><reference value=''></text>
  </critterion>
  </precondition>
</substanceAdministration>

```

4430

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

4435

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.

4440 **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').

4445

**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.

4450

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.

4455

6.3.4.46.1.5 <code code="" displayName="" codeSystem="" codeSystemName="">

4460 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'/>

4465 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'>

4470 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=""/>

4475 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 than 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.

4485 **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).

4490 **6.3.4.46.1.11 <doseQuantity><low value=" unit=""/><high value=" unit=""/></doseQuantity>**

4495 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 >

4500 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>

4505 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>

4510 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).

<i>Add Section 6.3.4.47</i>

6.3.4.47 Nursing Assessments Battery 1.3.6.1.4.1.19376.1.5.3.1.1.13.3.4

4515 This entry describes a single row in the Nursing Assessment flowsheet. The single observation date/time and provider is applied to all other observations.

4520

6.3.4.47.1 Specification

```

4525 <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'
4530         codeSystem='2.16.840.1.113883.6.1' codeSystemName='LOINC' />
        <statusCode code='completed' />
        <author>
          <time value=' ' />
          <assignedAuthor>
            <id root=' ' extension=' ' />
4535         </assignedAuthor>
          </author>
        <component>
          <observation classCode='OBS' moodCode='EVN'>
            <templateId root='1.3.6.1.4.1.19376.1.5.3.1.4.13' />
4540         :
          </observation>
        </component>
        <component>
          <observation classCode='OBS' moodCode='EVN'>
            <templateId root='1.3.6.1.4.1.19376.1.5.3.1.4.13' />
4545         :
          </observation>
        </component>
        :
4550 </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

4555 "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=' ' />

4560 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

4565 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>

4570 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>

4575 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, displayName, 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

4580 **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

4585

```

<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=' ' />
4590   <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>
4600   <component>
    <observation classCode='OBS' moodCode='EVN'>
      <templateId root='1.3.6.1.4.1.19376.1.5.3.1.4.13' />
      :
    </observation>
4605   </component>
    <component>
    <observation classCode='OBS' moodCode='EVN'>
      <templateId root='1.3.6.1.4.1.19376.1.5.3.1.4.13' />
      :
4610   </observation>
    </component>
    :
  </organizer>
</entry>

```

4615 **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'>

4620 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' />

4625

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

4630

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.

4635 **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>

4640 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

4645 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

4650

Add Section 6.3.4.51

6.3.4.51 Antigen Dose

Defined in IHE PCC TF-2:6.3.4

4655 *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

4660

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

4665 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).

6.3.4.54.1 Uses

See Templates using Observation Request.

6.3.4.54.2 Specification

4670

```
<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 --
  >
```

4675

4680

4685


```

4690     <!-- For HL7 Version 3 Messages
         <assignedEntity typeCode='ASSIGNED'>
           <Person classCode='PSN'>
             <determinerCode root=''>
4695             <name>...</name>
           </Person>
         <assignedEntity>
           -->
         </author>
       </observation>

```

4700 **Figure 6.3.4.54.2-1: Observation Request Example**

6.3.4.54.2.1 <observation classCode='OBS' moodCode='INT|PRP|GOL'>

4705 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'>

4710 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=' ' />

4715 Each observation shall have an identifier.

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

4720 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>

4725 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'/>

4730 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.

4735 **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=' '/>

4740 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>

4745 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.

4750 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.

<i>Add Section 6.3.4.55 (Added 2011-09 from QRPH EHCP Profile)</i>
--

4755 **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>

```

4760

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

4765 "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=' '/>

4770 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'/'>

4775 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>

4780 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>

4785 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

4790 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 template is Problem Concern Entry (1.3.6.1.4.1.19376.1.5.3.1.4.5.2).

6.3.4.56.2 Specification

```

4795 <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"/>
4800 <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' />
4805 <code nullFlavor='NA' />
          <statusCode code='active' />
          <effectiveTime>
            <low value='20110101' />
            <high nullFlavor="NA" />
4810 </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' />
4815 <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" />
4820 <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"
4825 codeSystemName="NAACCR Histologic Type" displayName="Lentigo Maligna" >
            <!--Behavior Qualifier-->
              <qualifier>
                <name code="31206-6" codeSystem="2.16.840.1.113883.6.1"
4830 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>
4835 <qualifier>
            <!--Best Method of Diagnosis Qualifier-->
              <name code="21861-0" codeSystem="2.16.840.1.113883.6.1"
4840 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>
4845 </value>
            <!--Primary Site -->
              <targetSiteCode code="C447" codeSystem="2.16.840.1.113883.6.43.1"
codeSystemName="ICD-O-3 (Topography Section)" displayName="Leg" />
4850 <!--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"
4855 codeSystemName="NAACCR Laterality at Diagnosis" displayName="origin of primary: right" />
              </qualifier>
              </targetSiteCode>
              <entryRelationship typeCode="SUBJ" inversionInd="true">
            <!--TNM Stage Information-->

```

```

4860         <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
4865 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"
4870 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
4875 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>
4880 <!--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"
4885 codeSystem="2.16.840.1.113883.3.520.3.5" codeSystemName="NAACCR TNM Edition Number"
              displayName="7th Edition"/>
              </qualifier>
              </value>
4890 <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"
4895 codeSystem="2.16.840.1.113883.3.520.3.4" codeSystemName="TNM Clinical Staged By"
              displayName="Managing Physician"/>
              </playingEntity>
              </participantRole>
              </participant>
4900 <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"
4905 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"
4920 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>
4925

```

```

4930 <!--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"
4935 codeSystem="2.16.840.1.113883.6.1" codeSystemName="LOINC"/>
            <statusCode code="completed"/>
            <value xsi:type="CD"
4940 codeSystem="2.16.840.1.113883.3.520.3.8" codeSystemName="NAACCR TNM Clinical Metastases"
            code="M0" displayName="None"/>
          </observation>
        </entryRelationship>
      </observation>
4940 </entryRelationship>
    </observation>
  </act>
4945 </entry>
</section>

```

Figure 6.3.4.56.2-1: Sample Cancer Diagnosis Entry

6.3.4.56.3 <act classCode='ACT' moodCode='EVN'>

4950 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'/>

4955 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'><templateId root='1.3.6.1.4.1.19376.1.5.3.1.4.5'>...</observation >

4960 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.

4965 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.

4970 **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.

4975 **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.

4980 **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>.)

4985

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>

4990

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>.)

4995 **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>**

5000

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>.)

5005 **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>.)

5010 **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>`

5015 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>.)

6.3.4.56.16 `<entryRelationship typeCode="SUBJ" inversionInd="false">`

5020 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”.

5025 **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]`

5030 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’.

5035 **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

5040 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>.)

**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]**

5045 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>.)

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]

5055 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>.)

5060 **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]**

5065 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>.)

5070 **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'><templateId root='1.3.6.1.4.1.19376.1.5.3.1.4.13' />...</observation>[2nd nesting]**

5075 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”.

5080 **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.

5085 **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

5090 http://www.ihe.net/Technical_Frameworks.)

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 Template5095 **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>

```

5115

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.

5120 **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.

5125 **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>

5130 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

5135 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/>

5140 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

5145 The template id identifies the facility or department which is the transfer destination.

<templateId root='destinationLocation'>

6.3.4.57.12 participantRole

The participant role is fixed to <participantRole classCode='SDLOC'>

6.3.4.57.13 <id root="" extension=""/>

5150 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>

5155 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.

5160 **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.

5165 *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.

- 5170
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
 - a. **SHALL** contain exactly one [1..1]

5175 **@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.

- 5180
5. **SHALL** contain exactly one [1..1] **performer**
 - a. This performer **SHALL** contain exactly one [1..1] **@typeCode**="PRF"
 - b. This performer **SHALL** contain exactly one [1..1] **assignedEntity**
 - c. This assignedEntity **SHALL** contain exactly one [1..1]

5185 **@classCode**="ASSIGNED"
 - d. 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.
 6. This assignedEntity **SHALL** contain exactly one [1..1] **assignedPerson**
 - a. This assignedPerson **SHALL** contain exactly one [1..1]

5190 **@classCode**="PSN"
 - b. This assignedPerson **SHALL** contain exactly one [1..1]

determinerCode="INSTANCE"
 - c. This assignedPerson **SHALL** contain exactly one [1..1] **ID**

This field shall contain the License Number of Person Pronouncing Death
 - d. This assignedPerson **SHALL** contain exactly one [1..1] **name**

5195 *This field is valued with the person who pronounced the death. The full name of the pronouncer is required.*

5200

```

<entry>
  <observation classCode="OBS" moodCode="EVN">
    <templateId root="1.3.6.1.4.1.19376.1.7.3.1.4.23.1"/>
    <id root=""/>
5205    <code code="58325-2" codeSystem="2.16.840.1.113883.6.1"
    codeSystemName="LOINC" displayName=" Provider witnessed decedent's death "/>
    <effectiveTime>
    <low value="201311141201"/>
5210    <high value="201311141201"/>
    </effectiveTime>
    </observation>
  </entry>

```

Figure 6.3.4.58-1: Death Pronouncement Entry Content Module Example

5215

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.

5220

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)

5225

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.

5230

5235

5240

```
<observation xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xmlns="urn:h17-org:v3" xsi:schemaLocation="urn:h17-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>
```

5245

5250

Figure 6.3.4.59-1: Death Location Type Entry Content Module Example

Delete the following section 6.3.4.61 Employment Status Organizer:

Delete the following section 6.3.4.62 Usual Occupation and Industry Organizer:

5255

Delete the following section 6.3.4.63 History of Occupation Organizer:

Replace the following section 6.3.4.64 Employment Status Observation

6.3.4.64 History of Employment Status Observation

5260

**Table 6.3.4.64-1: History of Employment Status Observation Entry
1.3.6.1.4.1.19376.1.7.3.1.4.24.18**

Template Name		History of Employment Status Observation Entry			
Template ID		1.3.6.1.4.1.19376.1.7.3.1.4.24.18			
Parent Template					
General Description		A History of Employment Status Observation Entry is a clinical statement about a person's relationship to working for pay, family earnings, or training (e.g., having one or more jobs, searching for work, etc.). A person's ODH Employment Status is independent of Job characteristics, e.g., not "full-time work," "part-time work," "self-employed," because many people have more than one job. A History of Employment Status Observation Entry is a clinical statement about the subject's state of being employed during the time period specified in the observation effectiveTime. Generally, employment status refers to whether or not a person has a job (e.g., employed, unemployed, not in labor force). In a healthcare setting employment status may be used to determine appropriate probing questions for occupational hazards and occupational history. For example, someone who is unemployed or has chosen not to work may be prompted to provide information about previous jobs. Employment status is not the same as work classification, which describes characteristics of a given job such as self-employed.			
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	Specificati on Document	Vocabulary Constraint

[observation: templateId 1.3.6.1.4.1.19376.1.5.3.1.4.20.4 (open)]

5265 A History of Employment Status Observation Entry is a clinical statement about a person's relationship to working for pay, family earnings, or training (e.g., having one or more jobs, searching for work, etc.).

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
 - a. **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.

5270

5275

- a. **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).
- 5280 7. **SHALL** contain exactly one [1..1] **effectiveTime**.
 - a. This effectiveTime **SHOULD** contain zero or one [0..1] **low**.
 - i. Note: The effectiveTime/low asserts when the employment status began.
 - b. This effectiveTime **SHOULD** contain zero or one [0..1] **high**.
 - 5285 i. Note: The effectiveTime/high asserts when the employment status ended. If employment status is current, effectiveTime/high should be omitted. Note: The ending time <high> element SHALL not be greater than the time the observation is made.
 - 5290 ii. Note: If the effectiveTime/high is unknown, use @nullFlavor="UNK" (2.16.840.1.113883.5.1008 (HL7NullFlavor) = UNK)
- 8. **SHALL** contain exactly one [1..1] **value** with @xsi:type="CD"
 - a. This value **SHOULD** contain zero or one [0..1] **@code**
 - b. This value **SHALL** be selected from Concept Domain CD_EmploymentStatus

5295 *Replace the following section 6.3.4.65: Usual Occupation and Industry Observation*

6.3.4.65 Usual Occupation Observation Entry

Table 6.3.4.65-1: Usual Occupation Observation Entry 1.3.6.1.4.1.19376.1.7.3.1.4.24.20

Template Name	Usual Occupation Observation Entry				
Template ID	1.3.6.1.4.1.19376.1.7.3.1.4.24.20				
Parent Template					
General Description	A Usual Occupation Observation Entry contains information about the type of work (paid or unpaid) done by a person for the longest amount of time during his or her life, not including voluntary work. It includes a set of self-reported, related components about the work a person performed for the longest amount of time during his or her life, regardless of the person's current job and regardless of whether or not the person performed this work for a continuous time. It also can be used in a minor's record for the Usual Work of people who share a home with the person (see optional related subject). Usual Work supports recognition of new and known chronic conditions which evolve over many years and may become evident after the person is no longer performing that type of work, e.g., some respiratory conditions and cancers. These data also are used by public health entities and medical researchers to investigate the relationship between conditions and exposures at work and illnesses, causes of death, or cancer.				
Class/Mood	Code	Data Type	Value		
ClassCode="OBS" MoodCode="EVN"	Code = 21843-8 Display Name = Usual 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	Specificati on Document	Vocabulary Constraint

5300 [observation: templateId 1.3.6.1.4.1.19376.1.7.3.1.4.24.20 (open)]

A Usual Occupation Observation Entry contains information about the type of work (paid or unpaid) done by a person for the longest amount of time during his or her life, not including voluntary work.

- 5305
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
 - a. **SHALL** contain exactly one [1..1] **@root**="1.3.6.1.4.1.19376.1.7.3.1.4.24.20".
 4. **SHALL** contain at least one [1..*] **id**.
 5. **SHALL** contain exactly one [1..1] **code**.
 - a. **SHALL** be 21843-8 (Usual Occupation) from LOINC (codeSystem 2.16.840.1.113883.6.1).
- 5310

- 5315 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**.
- a. This effectiveTime **SHALL** contain exactly one [1..1] low.
- Note: The effectiveTime/low asserts when the usual occupation began.
- 5320 Note: If the effectiveTime/low is unknown, use @nullFlavor="UNK" (2.16.840.1.113883.5.1008 (HL7NullFlavor) = UNK)
- b. This effectiveTime **MAY** contain zero or one [0..1] high.
- Note: The effectiveTime/high asserts when the usual occupation ended. If usual occupation is current, effectiveTime/high should be omitted.
- 5325 Note: If the effectiveTime/low is unknown, use @nullFlavor="UNK" (2.16.840.1.113883.5.1008 (HL7NullFlavor) = UNK).
8. **SHALL** contain exactly one [1..1] **value** with @xsi:type="CD"
- a. This value **SHALL** be selected from Concept Domain CD_OccupationCode.
9. **MAY** contain zero or one [0..1] **subject**
- 5330 a. The subject, if present, **SHALL** contain exactly one [1..1] **relatedSubject**
- i. This relatedSubject **SHALL** contain exactly one [1..1] **@classCode**="PRS" (CodeSystem: HL7EntityClass urn:oid:2.16.840.1.113883.5.41)
- ii. This relatedSubject **SHALL** contain exactly one [1..1] **code**
- 5335 1. This code **SHALL** contain exactly one [1..1] **@code** (ValueSet: Family Member Value Set urn:oid:2.16.840.1.113883.1.11.19579 **DYNAMIC**)
10. **SHOULD** contain zero or one [0..1] **entryRelationship** such that it
- 5340 a. **SHALL** contain exactly one [1..1] **@typeCode**="REFR" (CodeSystem: HL7ActRelationshipType 2.16.840.1.113883.5.1002 **STATIC**).
- b. **SHALL** contain exactly one [1..1] [Usual Occupation Duration Observation Entry](#) (1.3.6.1.4.1.19376.1.7.3.1.4.24.25)
11. **SHOULD** contain zero or one [0..1] **entryRelationship**
- 5345 a. The entryRelationship, if present, **SHALL** contain exactly one [1..1] **@typeCode**="REFR" (CodeSystem: HL7ActRelationshipType urn:oid:2.16.840.1.113883.5.1002)
- b. The entryRelationship, if present, **SHALL** contain exactly one [1..1] [Usual Industry Observation](#) (identifier: urn:oid: 1.3.6.1.4.1.19376.1.7.3.1.4.24.26)
- 5350

Replace the following section 6.3.4.66 Occupation Observation

6.3.4.66 Past or Present Occupation Observation Entry

**Table 6.3.4.66-1: Past or Present Occupation Observation Entry
1.3.6.1.4.1.19376.1.7.3.1.4.24.19**

5355

Template Name		Past or Present Occupation Observation Entry			
Template ID		1.3.6.1.4.1.19376.1.7.3.1.4.24.19			
Parent Template					
General Description		<p>A Past or Present Occupation Observation Entry is a clinical statement about the type of work done by a person in a job, as reported by that person. This observation also is referred to as “Job Occupation.” This entry includes a set of self-reported, related observations that remain associated with one-another to characterize the job and provide clinically-relevant information. It also can be used in a minor’s record for the job(s) of people who share a home with the person (see optional related subject). A job is defined as a work situation, training position, or (potentially clinically-relevant) volunteer position held for a specified time period; for a given job, updates to Job Occupation, Past or Present Industry (Job Industry), Supervisory Level, or Employer would constitute a new job or volunteer position. A person can have more than one job at the same time and multiple jobs over time.</p> <p>Knowledge about a person’s job(s) informs diagnosis and management of illness and injury; it also informs management of health in the work environment, regardless of whether a condition is work-related. While knowing about a person’s current job(s) is likely to be most important, some work-related health conditions can manifest after a long latency so a history of jobs can also provide valuable information. This set of related Job observations also can provide information for public health to locate infectious disease outbreaks and intervene to prevent further illness. Public health can also use these data to analyze work-related conditions such as silicosis, pesticide poisoning, and some types of cancer to identify Occupations, Industry sectors and Employers for whom interventions are needed to mitigate risk.</p>			
Class/Mood	Code	Data Type	Value		
ClassCode= “OBS” MoodCode= “EVN”	Code = 11341-5 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	Specificati on Document	Vocabulary Constraint

[observation: templateId 1.3.6.1.4.1.19376.1.7.3.1.4.24.19 (open)]

A Past or Present Occupation Observation Entry is a clinical statement about the type of work done by a person in a job, as reported by that person.

5360

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

- 5365 a. **SHALL** contain exactly one [1..1]
 @root="1.3.6.1.4.1.19376.1.7.3.1.4.24.19".
4. **SHALL** contain at least one [1..*] **id**.
5. **SHALL** contain exactly one [1..1] **code**.
- 5370 a. **SHALL** be 11341-5 (History of Occupation) from LOINC (codeSystem
 2.16.840.1.113883.6.1) .
6. **SHALL** contain exactly one [1..1] **statusCode=** (CodeSystem: ActStatus
 2.16.840.1.113883.5.14) .
- a. Note: Indicate current job as 'active'. Indicate historical jobs as 'completed'
7. **SHALL** contain exactly one [1..1] **effectiveTime**.
- 5375 a. This effectiveTime **SHALL** contain exactly zero or one [1..1] **low**.
- i. Note: The effectiveTime/low asserts when the past or present
 occupation began, as reported by the person. .
- ii. Note: If the effectiveTime/low is unknown, use @nullFlavor="UNK"
 (2.16.840.1.113883.5.1008 (HL7NullFlavor) = UNK)
- 5380 b. This effectiveTime **MAY** contain exactly zero or one [0..1] **high**.
- i. The ending time <high> element **SHALL** not be greater than the time the
 observation is made.
- ii. Note: The effectiveTime/high asserts when the past or present
 occupation ended, as reported by the person. If occupation is current,
 effectiveTime/high should be omitted.
- 5385 iii. Note: If the effectiveTime/high is unknown, use @nullFlavor="UNK"
8. **SHALL** contain exactly one [1..1] **value** with @xsi:type="CD"
- a. This value **SHALL** be selected from Concept Domain CD_OccupationCode.
9. **MAY** contain zero or one [0..1] **subject**
- 5390 a. The subject, if present, **SHALL** contain exactly one [1..1] **relatedSubject**
- i. This relatedSubject **SHALL** contain exactly one [1..1]
 @classCode="PRS" (CodeSystem: HL7EntityClass
 urn:oid:2.16.840.1.113883.5.41)
- ii. This relatedSubject **SHALL** contain exactly one [1..1] **code**
- 5395 1. This code **SHALL** contain exactly one [1..1] @code (ValueSet:
 Family Member Value Set
 urn:oid:2.16.840.1.113883.1.11.19579 **DYNAMIC**)
- Note: This represents the Family Relationship of the person
 holding this occupation.
- 5400 10. **SHALL** contain exactly one [1..1] **participant** such that it
- a. **SHALL** contain exactly one [1..1] @typeCode="IND"
- b. **SHALL** contain exactly one [1..1] **participantRole**
- i. Which **MAY** contain exactly one [1..1] @classCode="ROL"
 (CodeSystem: RoleCode 2.16.840.1.113883.5.111 **STATIC**).
- 5405 ii. Which **SHOULD** contain exactly zero or one [0..1] **id**

- 5410 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
- a. 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)
 - b. SHALL contain exactly one [1..1] @extension="2016-11-30".
- 5415 2. The AssociatedEntity SHOULD contain zero or one [0..1] name.
3. The AssociatedEntity SHOULD contain zero or one [0..1] addr
- iii. This participantRole **SHOULD** contain zero or one [0..1] **addr**
- 5420 Note: Contains the address of the employer
- iv. This participantRole **MAY** contain zero or one [0..1] **playingEntity**
- 1. The playingEntity, if present, **SHOULD** contain zero or one [0..1] **name**
- Note: Contains the name of the employer
- 5425 11. **SHALL** contain exactly one [1..1] **entryRelationship** such that it
- a. **SHALL** contain exactly one [1..1] @typeCode="REFR" (CodeSystem: HL7ActRelationshipType uri:oid:2.16.840.1.113883.5.1002 **STATIC**).
 - b. **SHALL** contain exactly one [1..1] Past or Present Industry Observation Entry (1.3.6.1.4.1.19376.1.7.3.1.4.24.3)
- 5430 12. **SHOULD** contain zero or one [0..1] **entryRelationship** such that it
- a. **SHALL** contain exactly one [1..1] @typeCode="REFR" (CodeSystem: HL7ActRelationshipType uri:oid:2.16.840.1.113883.5.1002 **STATIC**).
 - b. **SHALL** contain exactly one [1..1] Work Classification Observation Entry (1.3.6.1.4.1.19376.1.7.3.1.4.24.4)
- 5435 13. **SHOULD** contain zero or one [0..1] **entryRelationship** such that it
- a. **SHALL** contain exactly one [1..1] @typeCode="REFR" (CodeSystem: HL7ActRelationshipType 2.16.840.1.113883.5.1002 **STATIC**).
 - b. **SHALL** contain exactly one [1..1] Work Schedule Observation (1.3.6.1.4.1.19376.1.7.3.1.4.24.24).
- 5440 14. **SHOULD** contain zero or one [0..1] **entryRelationship**.
- a. The entryRelationship, if present, **SHALL** contain exactly one [1..1] @typeCode="REFR"
 - b. The entryRelationship, if present, **SHALL** contain exactly one [1..1] Supervisory Level (identifier: urn:oid: 1.3.6.1.4.1.19376.1.7.3.1.4.24.16)
- 5445 15. **MAY** contain zero or one [0..*] **entryRelationship**

- 5450
- a. The entryRelationship, if present, **SHALL** contain exactly one [1..1] `@typeCode="REFR"`
 - b. The entryRelationship, if present, **SHALL** contain exactly one [1..1] [Job Duty Observation](#) (identifier: urn:oid: 1.3.6.1.4.1.19376.1.7.3.1.4.24.14)
16. **MAY** contain zero or one [0..*] entryRelationship.
- a. The entryRelationship, if present, **SHALL** contain exactly one [1..1] `@typeCode="REFR"`
 - b. The entryRelationship, if present, **SHALL** contain exactly one [1..1] [Occupational Hazard Observation](#) (identifier: urn:oid: 1.3.6.1.4.1.19376.1.7.3.1.4.24.27)
- 5455

Replace the following section 6.3.4.67 Work Shift Observation – renamed to Work Schedule

5460

6.3.4.67 Work Schedule Observation Entry

Table 6.3.4.67-1: Work Schedule Observation Entry 1.3.6.1.4.1.19376.1.7.3.1.4.24.5

Template Name		Work Schedule Observation Entry			
Template ID		1.3.6.1.4.1.19376.1.7.3.1.4.24.5			
Parent Template					
General Description		A clinical statement about the typical arrangement of working hours for a job, as reported by the person. It includes a set of additional observations that can also aid in understanding the time a person spends at work. In healthcare settings, knowledge of the Work Schedule for a person's job(s) could assist in the diagnosis of conditions related to or affected by irregular work hours or sleep patterns. It could also assist in determining treatment and prevention plans that are appropriate and suited to the person's daily pattern.			
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	Specificati on Document	Vocabulary Constraint

[observation: templateId 1.3.6.1.4.1.19376.1.7.3.1.4.24.5 (open)]

- 5465 A clinical statement about the typical arrangement of working hours for a job, as reported by the person.
1. **SHALL** contain exactly one [1..1] @classCode="OBS" (CodeSystem: 2.16.840.1.113883.5.6 HL7ActClass).
 - 5470 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
 - a. **SHALL** contain exactly one [1..1] @root="1.3.6.1.4.1.19376.1.7.3.1.4.24.5".
 4. **SHALL** contain at least one [1..*] id.
 - 5475 5. **SHALL** contain exactly one [1..1] code.
 - a. **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".
 - 5480 a. This value **SHALL** contain exactly one [1..1] @code, which **SHALL** be selected from Concept Domain CD_EmploymentStatus
 8. **MAY** contain zero or one [0..1] entryRelationship such that it
 - a. **SHALL** contain exactly one [1..1] @typeCode="REFR" (CodeSystem: HL7ActRelationshipType uri:oid:2.16.840.1.113883.5.1002 **STATIC**).
 - 5485 b. **SHALL** contain exactly one [1..1] [Daily Work Hours Observation Entry](#) (1.3.6.1.4.1.19376.1.7.3.1.4.24.6)
 9. **MAY** contain zero or one [0..1] entryRelationship such that it
 - a. **SHALL** contain exactly one [1..1] @typeCode="REFR" (CodeSystem: HL7ActRelationshipType uri:oid:2.16.840.1.113883.5.1002 **STATIC**).
 - 5490 b. **SHALL** contain exactly one [1..1] [Weekly Work Days Observation Entry](#) (1.3.6.1.4.1.19376.1.7.3.1.4.24.7)

Replace the following section 6.3.4.68 Weekly Work Hours Observation

6.3.4.68 Daily Work Hours Observation Entry

5495

Table 6.3.4.68-1: Daily Work Hours Observation Entry 1.3.6.1.4.1.19376.1.7.3.1.4.24.17

Template Name		Daily Work Hours Observation Entry			
Template ID		1.3.6.1.4.1.19376.1.7.3.1.4.24.17			
Parent Template					
General Description		A clinical statement about the average number of hours in a job's work shift, as reported by the person. This information is most useful when coupled with weekly work days and helps to reveal compressed schedules, long work hours, and overtime. A clinical statement about the typical number of hours in a day that a person spends performing their duties for work. This information is most useful coupled with weekly work days and helps to reveal compressed schedules, long work hours, and overtime.			
Class/Mood	Code	Data Type	Value		
ClassCode="OBS" MoodCode="EVN"	Code = 87512-0 Display Name = Work Hours per Day CodeSystem = 2.16.840.1.113883.6.1 CodeSystemName=LOINC	Observation	value with @xsi:type="PQ"		
Opt and Card	entryRelationship	Description	Template ID	Specificati on Document	Vocabulary Constraint

[observation: templateId 1.3.6.1.4.1.19376.1.7.3.1.4.24.17 (open)]

A clinical statement about the average number of hours in a job's work shift, as reported by the person..

5500

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).

5505

3. **SHALL** contain exactly one [1..1] templateId such that it
 - a. **SHALL** contain exactly one [1..1] @root=" 1.3.6.1.4.1.19376.1.7.3.1.4.24.17".

4. **SHALL** contain at least one [1..*] id.
5. **SHALL** contain exactly one [1..1] code.
 - a. **SHALL** be 87512-0 (Work Hours per Day) from LOINC.

5510

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".
 - a. This value **SHALL** contain exactly one [1..1] @value, which represents the number of hours in a day that a person usually works.

- 5515 b. This value **SHOULD** contain zero or one [0..1] @unit="h/d" hours per day
 (CodeSystem: UCUM urn:oid:2.16.840.1.113883.6.8)

Replace the following section 6.3.4.69 Usual Occupation Duration

6.3.4.69 Usual Occupation Duration Entry

5520 **Table 6.3.4.69-1: Usual Occupation Duration Entry (1.3.6.1.4.1.19376.1.7.3.1.4.24.10)**

Template Name		Usual Occupation Duration Entry			
Template ID		1.3.6.1.4.1.19376.1.7.3.1.4.24.10			
Parent Template					
General Description		A Usual Occupation Duration Entry is a clinical statement about the self-reported total of all periods of time (in years) a person has spent in their Usual Occupation as of the date recorded, not including intermittent period(s) where the person was not working in that occupation. Knowledge of the total amount of time a person performed a type of work makes it possible to consider the impact of time and extent of exposure for the individual patient and across populations.			
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. Units shall be expressed in UCUM.		
Opt and Card	entryRelationship	Description	Template ID	Specificati on Document	Vocabulary Constraint

[observation: templateId 1.3.6.1.4.1.19376.1.7.3.1.4.24.10 (open)]

5525 A Usual Occupation Duration Entry is a clinical statement about the self-reported total of all periods of time (in years) a person has spent in their Usual Occupation as of the date recorded, not including intermittent period(s) where the person was not working in that occupation.

- 5530 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

- a. **SHALL** contain exactly one [1..1]
`@root="1.3.6.1.4.1.19376.1.7.3.1.4.24.10".`
 - 5535 4. **SHALL** contain at least one [1..*] **id**.
 - 5. **SHALL** contain exactly one [1..1] **code**.
 - a. **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).
 - 5540 7. **SHALL** contain exactly one [1..1] **value** with `@xsi:type="PQ"`.
 - a. This value **SHALL** contain exactly one [1..1] `@unit="a"` years, which **SHALL** include duration-related units from value set UCUM 2.16.840.1.113883.1.11.12839.
- Note: Expressed in years, using decimals for duration shorter than 1 year.

5545

Delete the following section 6.3.4.70 Usual Industry Duration

6.3.4.71 Pregnancy Status Review Organizer (1.3.6.1.4.1.19376.1.5.3.1.4.22)

5550 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

```

5555 <organizer classCode='CLUSTER' moodCode='EVN'>
  <templateId root=''/>
  <id root='' extension=''/>
  <code code='' displayName=''
5560   codeSystem=''
   codeSystemName=''/>
  <statusCode code='completed'/>
  <effectiveTime value=''/>
  <!-- For HL7 Version 3 Messages
  <author classCode='AUT'>
    <assignedEntity typeCode='ASSIGNED'>
5565     :
    <assignedEntity1>
  </author>
  -->
  <!-- One or more components -->
  <component typeCode='COMP'>
5570   <!-- Or a pregnancy status observation -->
   <observation classCode='OBS' moodCode='EVN'>
     <templateId root=''/>
     :
     </observation>
   </component>
5575 </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=""/>

5580 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'/'>

5585

The organizer shall contain a code describing the observations present. The recommended code is shown above.

6.3.4.71.6 <statusCode code='completed'/'>

5590 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>

5595

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'>

5600 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

5605 The parent of this template is [Simple Observation](#).

6.3.4.72.1.1 Uses

See [Templates using Pregnancy Status Review Observation](#)

6.3.4.72.2 Specification

```

5610 <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='' />
5615 <text><reference value='#xxx' /></text>
      <statusCode code='completed' />
      <effectiveTime value='' />
      <repeatNumber value='' />
      <value xsi:type='' ... />
5620 <interpretationCode code='' codeSystem='' codeSystemName='' />
      <methodCode code='' codeSystem='' codeSystemName='' />
      <targetSiteCode code='' codeSystem='' codeSystemName='' />
    </observation>

```

Figure 6.3.4.72.2-1: Pregnancy Status Review Observation Example**6.3.4.72.3 <templateId root='1.3.6.1.4.1.19376.1.5.3.1.4.22.1' />**

5625 **<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=''

5630 **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='' />

5635 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='' />

5640 **<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

5645 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.

```

5650 <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>
5655 <telecom></telecom>
        <assignedPerson>
          <name></name>
        </assignedPerson>
        <representedOrganization>
          <name></name>
5660 <addr></addr>
          <telecom></telecom>
        </representedOrganization>
      </assignedEntity>
    </performer>

```

5665 **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.
- 5670 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.
- 5675

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.
- 5680 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.
- 5685 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.

- 5715
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>

5720 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.

5725

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.

5730

Add the following section 6.3.4.74 Weekly Work Days Observation

5735 **6.3.4.74 Weekly Work Days Observation Entry**

Table 6.3.4.71-1: Weekly Work Days Observation Entry 1.3.6.1.4.1.19376.1.7.3.1.4.24.7

Template Name	Weekly Work Days Observation Entry		
Template ID	1.3.6.1.4.1.19376.1.7.3.1.4.24.7		
Parent Template			
General Description	A clinical statement about the typical number of days per week that a person spends performing their duties for work, as reported by the person. This information is most useful coupled with daily work hours and helps to reveal compressed schedules or a 7-day work-week.		
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 <code>@xsi:type="PQ"</code>

Opt and Card	entryRelationship	Description	Template ID	Specification Document	Vocabulary Constraint

[observation: templateId 1.3.6.1.4.1.19376.1.7.3.1.4.24.7 (open)]

A clinical statement about the typical number of days per week that a person spends performing their duties for work, as reported by the person.

- 5740 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).
- 5745 3. **SHALL** contain exactly one [1..1] templateId such that it
 - a. **SHALL** contain exactly one [1..1] @root="1.3.6.1.4.1.19376.1.7.3.1.4.24.7".
- 4. **SHALL** contain at least one [1..*] id.
- 5. **SHALL** contain exactly one [1..1] code.
 - a. **SHALL** be 74160-3 (Weekly Work Days) from LOINC.
- 5750 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".
 - a. This value **SHALL** contain exactly one [1..1] @value, which represents the number of days in a week that a person usually works. The value, if present, shall indicate between 1-7 days/week
 - 5755 b. This value **SHALL** contain exactly one [1..1] @unit="d" day (CodeSystem: UCUM urn:oid:2.16.840.1.113883.6.8)

Add Section 6.3.4.bb Date of Retirement Observation Entry

6.3.4.bb Date of Retirement Observation Entry

Template Name	Date of Retirement Observation Entry		
Template ID	1.3.6.1.4.1.19376.1.7.3.1.4.24.21		
Parent Template			
General Description	A Date of Retirement Observation Entry is a self-identified statement about whether an individual considers themselves 'retired' at the point in time the statement is recorded		
Class/Mood	Code	Data Type	Value
ClassCode="OBS" MoodCode="EVN"	Code = 87510-4 Display Name = Retirement Status Date CodeSystem = 2.16.840.1.113883.6.1 CodeSystemName=LOINC	Observation	Value xsi:type = "CD" from value set Yes No Unknown (YNU)

5760 [observation: templateId 1.3.6.1.4.1.19376.1.7.3.1.4.24.21 (open)]

A Date of Retirement Observation Entry is a self-identified statement about whether an individual considers themselves ‘retired’ 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).
- 5765 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
 - a. **SHALL** contain exactly one [1..1] @root=" 1.3.6.1.4.1.19376.1.7.3.1.4.24.21 ".
4. **SHALL** contain at least one [1..*] id.
- 5770 5. **SHALL** contain exactly one [1..1] code.
 - a. **SHALL** be 87510-4 (Retirement Status Date) 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="TS"
- 5775 8. **SHALL** contain exactly one [1..1] participant
 - a. This participant **SHALL** contain exactly one [1..1] @typeCode="IND"
 - b. This participant **SHALL** contain exactly one [1..1] participantRole
 - i. This participantRole **MAY** contain zero or one [0..1] @classCode="ROL" (CONF:3349-288).
 - 5780 ii. This participantRole **SHOULD** contain zero or one [0..1] id
 - iii. This participantRole **SHOULD** contain zero or one [0..1] addr
 - iv. This participantRole **SHOULD** contain zero or one [0..1] playingEntity
 1. The playingEntity, if present, **SHALL** contain zero or one [0..1] name

5785

Add Section 6.3.4.cc Combat Zone Period Observation Entry

6.3.4.cc Combat Zone Period Observation Entry

Table 6.3.4.cc-1: Combat Zone Period Observation Entry 1.3.6.1.4.1.19376.1.7.3.1.4.24.22

Template Name	Combat Zone Period Observation Entry		
Template ID	1.3.6.1.4.1.19376.1.7.3.1.4.24.22		
Parent Template			
General Description	Combat Zone Period Observation Entry identifies the self-reported date range(s) when a person worked in what is considered a combat zone. Both civilian workers, such as Department of Defense contractors, and military service members could have worked in combat zones. .		
Class/Mood	Code	Data Type	Value
ClassCode= "OBS" MoodCode= "EVN"	Code = 87511-2 Display Name = Combat zone &or hazardous duty work dates CodeSystem = 2.16.840.1.113883.6.1 CodeSystemName=LOINC	Observation	NA

[observation: templateId 1.3.6.1.4.1.19376.1.7.3.1.4.24.22 (open)]

5790 Combat Zone Period Observation Entry identifies the self-reported date range(s) when a person worked in what is considered a combat zone.

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
 - a. **SHALL** contain exactly one [1..1] **@root=" 1.3.6.1.4.1.19376.1.7.3.1.4.24.22"**.
4. **SHALL** contain at least one [1..*] **id**.
5. **SHALL** contain exactly one [1..1] **code**.
 - a. **SHALL** be 87511-2 (Combat zone &or hazardous duty work dates) 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="IVL_TS"**
 - a. This value **SHALL** contain exactly one [1..1] **low**

5805 Note: The value/low asserts when the combat zone work duty began
 b. This value **MAY** contain zero or one [0..1] **high**

Note: The value/high asserts when the combat zone work duty ended. If combat zone work duty is current, value/high should be omitted. Note: If the value/high is unknown, use **@nullFlavor="UNK"** (2.16.840.1.113883.5.1008 (HL7NullFlavor) = UNK)

5810

Add Section 6.3.4.dd Job Duty Observation Entry

6.3.4.dd Job Duty Observation Entry

Table 6.3.4.dd-1: Job Duty Observation Entry 1.3.6.1.4.1.19376.1.7.3.1.4.24.14

Template Name	Job Duty Observation Entry		
Template ID	1.3.6.1.4.1.19376.1.7.3.1.4.24.14		
Parent Template			
General Description	A Job Duty Observation Entry is a clinical statement about regular actions performed at work. For example, a person may have the occupation of “construction laborer” and his specific job duties are to carry construction supplies. Specific job information is important in the healthcare setting because it provides information regarding hazards to which a person may have been exposed, which is pertinent to treatment and prevention.		
Class/Mood	Code	Data Type	Value
ClassCode= “OBS” MoodCode= “EVN”	Code = 63761-1 Display Name = Job Duties CodeSystem = 2.16.840.1.113883.6.1 CodeSystemName=LOINC	Observation	Value xsi:type = “ST”

5815 [observation: templateId 1.3.6.1.4.1.19376.1.7.3.1.4.24.14 (open)]

A Job Duty Observation Entry is a clinical statement about regular actions performed at 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
 - a. **SHALL** contain exactly one [1..1] @root=" 1.3.6.1.4.1.19376.1.7.3.1.4.24.14".
4. **SHALL** contain at least one [1..*] id.
5. **SHALL** contain exactly one [1..1] code.
 - a. **SHALL** be 63761-1 (Job Duties) 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="ST"

5820 Note: This text lists the regular actions performed at work

5830

Add Section 6.3.4.ee Occupational Hazard Observation Entry

6.3.4.ee Occupational Hazard Observation Entry

Table 6.3.4.ee-1: Occupational Hazard Observation Entry 1.3.6.1.4.1.19376.1.7.3.1.4.24.27

Template Name	Occupational Hazard Observation Entry		
Template ID	1.3.6.1.4.1.19376.1.7.3.1.4.24.27		
Parent Template			
General Description	An Occupational Hazard Entry is a clinical statement about a hazard that is specific to a person's job or job environment and with which the person might come in contact, as reported by the person. A hazard is a source of potential harm to a person's physical or mental health. Hazards can be biological, physical, psychological, chemical, or radiological in nature. In a healthcare setting, awareness of the Occupational Hazards potentially encountered at person's job can assist a health care provider by prompting discussion of protective or preventative measures or by identifying a potential cause of reported symptoms. An Occupational Hazard Entry is a clinical statement about actual contact or interaction with a specific hazard that increases an individual's risk of a detrimental physical or mental health outcome (e.g., ingestion or inhalation of a toxic chemical). Information on an exposure may include the measurement of duration/intensity of contact or interaction with the specific hazard. In a healthcare setting, information on exposures assists in the diagnosis of specific illnesses or injuries associated with a specific hazard. An example of using exposure information would be a health care provider examining a farm worker that presents with flu-like symptoms that developed after spraying chemicals on a field; the provider may be able to determine if the symptoms are consistent with exposure to the specific pesticide that was applied by the worker.		
Class/Mood	Code	Data Type	Value
ClassCode="OBS" MoodCode="EVN"	Code = 87729-0 Display Name = History of Occupational Hazard CodeSystem = 2.16.840.1.113883.6.1 CodeSystemName=LOINC	Observation	Value xsi:type = "ST"

[observation: templateId 1.3.6.1.4.1.19376.1.7.3.1.4.24.27 (open)]

- 5835 An Occupational Hazard Entry is a clinical statement about actual a hazard that is specific to a person's job or job environment and with which the person might come in contact, as reported by the person.
1. **SHALL** contain exactly one [1..1] @classCode="OBS" (CodeSystem: 2.16.840.1.113883.5.6 HL7ActClass).
 - 5840 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
 - a. **SHALL** contain exactly one [1..1] @root=" 1.3.6.1.4.1.19376.1.7.3.1.4.24.27".
 4. **SHALL** contain at least one [1..*] id.
 - 5845 5. **SHALL** contain exactly one [1..1] code.
 - a. **SHALL** be 87729-0 (History of Occupational Hazard) 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="ST"**

5850

Note: This text lists the occupational hazard.

Add Section 6.3.4.ff Supervisory Level Observation Entry

6.3.4.ff Supervisory Level Observation Entry

Table 6.3.4.ff-1: Supervisory Level Observation Entry 1.3.6.1.4.1.19376.1.7.3.1.4.24.16

Template Name	Supervisory Level Observation Entry		
Template ID	1.3.6.1.4.1.19376.1.7.3.1.4.24.16		
Parent Template			
General Description	A Supervisory Level Entry is a clinical statement about the responsibilities for directing work and managing personnel in a job, as reported by the person. Pay grade is used for a military position, since it distinguishes between different ranks/rating of officers and enlisted service members with similar meaning across all branches of service.		
Class/Mood	Code	Data Type	Value
ClassCode="OBS" MoodCode="EVN"	Code = 87707-6 Display Name = Job Supervisory Level or Pay Grade CodeSystem = 2.16.840.1.113883.6.1 CodeSystemName=LOINC	Observation	Value xsi:type = "CD" from Concept Domain CD_SupervisoryLevel

5855

[observation: templateId 1.3.6.1.4.1.19376.1.7.3.1.4.24.16 (open)]

A Supervisory Level Entry is a clinical statement about the responsibilities for directing work and managing personnel in a job, as reported by the person.

5860

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
 - a. **SHALL** contain exactly one [1..1] **@root=" 1.3.6.1.4.1.19376.1.7.3.1.4.24.16"**.
4. **SHALL** contain at least one [1..*] **id**.
5. **SHALL** contain exactly one [1..1] **code**.
 - a. **SHALL** be 87707-6 (Job Supervisory Level or Pay Grade) 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"**.

5870

- a. This value **SHALL** contain exactly one [1..1] **@code**, which **SHALL** be selected from Concept Domain CD_SupervisoryLevel

Add Section 6.3.4.yy

5875 **6.3.4.yy Past or Present Industry Observation Entry**

**Table 6.3.4.yy-1: Past or Present Industry Observation Entry
1.3.6.1.4.1.19376.1.7.3.1.4.24.3**

Template Name	Past or Present Industry Observation Entry				
Template ID	1.3.6.1.4.1.19376.1.7.3.1.4.24.3				
Parent Template					
General Description	A Past or Present Industry Observation Entry is a clinical statement that identifies the kind of business that compensates the person for a job (e.g., wages, training) or assigns work to a volunteer, as reported by the person. This observation also is referred to as “Job Industry.” It is based on the primary business activity conducted by the company, organization, or individual (for those who are self-employed). For a military position, this is the self-reported branch of service. Similar occupations performed in different industries can have very different health risks; e.g., a nurse in an acute healthcare setting vs. a nurse in an elementary school, or a plumber in housing construction vs a plumber in shipbuilding.				
Class/Mood	Code	Data Type	Value		
ClassCode= “OBS” MoodCode= “EVN”	Code = 86188-0 Display Name = Occupation Industry CodeSystem = 2.16.840.1.113883.6.1 CodeSystemName=LOINC	Observation	Value xsi:type = “CD” from concept domain CD_IndustryCode defined in Table 6.6-1 Value[@code/translation/code = “CD” from concept domain CD_IndustryCodeDetail defined in Table 6.6-1		
Opt and Card	entryRelationship	Description	Template ID	Specificati on Document	Vocabulary Constraint

[observation: templateId 1.3.6.1.4.1.19376.1.7.3.1.4.24.3 (open)]

5880 A Past or Present Industry Observation Entry is a clinical statement that identifies the kind of business that compensates the person for a job (e.g., wages, training) or assigns work to a volunteer, as reported by the person.

- 5885
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
 - a. **SHALL** contain exactly one [1..1] @root="1.3.6.1.4.1.19376.1.7.3.1.4.24.3".
 4. **SHALL** contain at least one [1..*] id.
- 5890

- 5895 5. **SHALL** contain exactly one [1..1] **code**.
- a. **SHALL** be 86188-0 (Occupation Industry) from LOINC (codeSystem 2.16.840.1.113883.6.1) .
- 5900 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] value with @xsi:type="CD" where the code **SHALL** be selected from Concept Domain CD_IndustryCode
- Note: If there is no coded value available for the Industry, the narrative description **SHALL** be expressed using originalText.
- a. This value **SHOULD** contain zero or one [0..1] translation, which **SHALL** be selected from Concept Domain CD_IndustryCodeDetail.

Add Section 6.3.4.zz

5905 **6.3.4.zz Work Classification Observation Entry**

Table 6.3.4.zz-1: Work Classification Observation Entry 1.3.6.1.4.1.19376.1.7.3.1.4.24.4

Template Name		Work Classification Observation Entry			
Template ID		1.3.6.1.4.1.19376.1.7.3.1.4.24.4			
Parent Template					
General Description		A Work Classification Observation Entry is a clinical statement about the arrangement between the employer and the person in a job, such as 'paid work, self-employed' or 'voluntary work in disaster/emergency response', as reported by the person. Knowing a patient is self-employed, for example, can be an indicator of access to benefits and financial stability and can assist in discussing return-to-work options. It also may prompt consideration of the impact of certain voluntary work on health, such as volunteer firefighting.			
Class/Mood	Code	Data Type	Value		
ClassCode="OBS" MoodCode="EVN"	Code = 85104-8 Display Name = Compensation and Sector Employment Type CodeSystem = 2.16.840.1.113883.6.1 CodeSystemName=LOINC	Observation	Value xsi:type = "CD" from ValueSet Work Classification urn:oid:2.16.840.1.113883.1.11.20560 DYNAMIC https://www.hl7.org/fhir/v3/WorkClassificationODH/vs.html		
Opt and Card	entryRelationship	Description	Template ID	Specificati on Document	Vocabulary Constraint

[observation: templateId 1.3.6.1.4.1.19376.1.7.3.1.4.24.4 (open)]

5910 A Work Classification Observation Entry is a clinical statement about the arrangement between the employer and the person in a job, such as 'paid work, self-employed' or 'voluntary work in disaster/emergency response', as reported by the person.

- 5915 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
 - a. **SHALL** contain exactly one [1..1] @root="1.3.6.1.4.1.19376.1.7.3.1.4.24.4".
- 4. **SHALL** contain at least one [1..*] id.
- 5. **SHALL** contain exactly one [1..1] code.
 - a. **SHALL** be 85104-8 (Compensation and Sector Employment Type) from LOINC.
- 5920 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".
- 5925 8. This value **SHALL** contain exactly one [1..1] @code, which **SHALL** be selected from ValueSet Work Classification urn:oid:2.16.840.1.113883.1.11.20560 DYNAMIC

6.3.4.aa Usual Industry Observation Entry

Table 6.3.4.aa-1: Usual Industry Observation Entry 1.3.6.1.4.1.19376.1.7.3.1.4.24.26

Template Name	Usual Industry Observation Entry		
Template ID	1.3.6.1.4.1.19376.1.7.3.1.4.24.26		
Parent Template			
General Description	A Usual Industry Observation Entry is a clinical statement about the self-reported kind of business, i.e., primary business activity, in which a person has worked for the longest time while in the Usual Occupation. For example, a person who has spent 30 years as a secretary in various industries, but mostly in construction, would record a usual occupation of secretary and a usual industry of construction.		
Class/Mood	Code	Data Type	Value
ClassCode="OBS" MoodCode="EVN"	Code = 21844-6 Display Name = History of Usual Industry CodeSystem = 2.16.840.1.113883.6.1 CodeSystemName=LOINC	Observation	Value xsi:type = "CD" from concept domain CD_IndustryCode defined in Table 6.6-1 Value[@code/translation/code = "CD" from concept domain CD_IndustryCodeDetail defined in Table 6.6-1

[observation: templateId 1.3.6.1.4.1.19376.1.7.3.1.4.24.26 (open)]

- 5930 1. A Usual Industry Observation Entry is a clinical statement about the self-reported kind of business, i.e., primary business activity, in which a person has worked for the longest time while in the Usual Occupation. **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).
- 5935 3. **SHALL** contain exactly one [1..1] templateId such that it
 - a. **SHALL** contain exactly one [1..1] @root="1.3.6.1.4.1.19376.1.7.3.1.4.24.26".

- 5940
4. **SHALL** contain at least one [1..*] **id**.
 5. **SHALL** contain exactly one [1..1] **code**.
 - a. **SHALL** be 21844-6 (History of Usual Industry) 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", where the code **SHALL** be selected from Concept Domain CD_IndustryCode
- 5945
- Note: If there is no coded value available for the Industry, the narrative description **SHALL** be expressed using originalText.
- a. This value **SHOULD** contain zero or one [0..1] translation, which **SHALL** be selected from Concept Domain CD_IndustryCodeDetail

5950 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.

5955 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.

5960 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

Name	Opt	Type	Units	SNOMED CT
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

Name	Opt	Type	Units	SNOMED CT
History of Stillbirth	R2	CD		161743003
History of Neonatal Death	R2	CD		Need code for history of.
History of Postpartum Hemorrhage	R2	CD		161809000

5965

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

5970

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

5975

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)	

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Lab	LOINC Code	Comments
	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	

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Lab	LOINC Code	Comments
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	

Lab	LOINC Code	Comments
	3050-2 T3 Resin Uptake	

5980

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.	

Name	Opt	Type	units	SNOMED CT	LOINC
				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)

5985

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 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

5990

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

	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
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

5995

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

6000

6.5.1.2 JCIH-EHDI Risk Indicators for Hearing Loss Value Set

SNOMED-CT Risk Indicators for Hearing Loss Value Set

Sequence	SNOMED-CT Code	Description
	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
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)

6005 **6.5.1.3 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

6010

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

6015

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

6020 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

6025 *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

6030 **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

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

6035

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

6040

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

Metadata Element	Description	Mandatory
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

6045

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

Metadata Element	Description	Mandatory
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

6050

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)

6055 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.

Metadata Element	Description	Mandatory
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

6060 **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

	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
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)

6065 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

Metadata Element	Description	Mandatory
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

6070 *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

6075 **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.

Metadata Element	Description	Mandatory
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

6080 *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

	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
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

6085 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

6090 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)

6095

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

6100

6.5.S.2 JCIH-EHDI Inpatient Screening Results not Performed Value Set

Sequence	LOINC® Code	Description	Global ID	Global ID Code System
	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		
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)

6105 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

Metadata Element	Description	Mandatory
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

6110 *Evidence of Hearing Screening Performed Value Set*

Sequence	LOINC® Code	Answer Code	Description	Global ID	Global ID Code System
		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		
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

6115

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

Metadata Element	Description	Mandatory
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)

6120

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

Metadata Element	Description	Mandatory
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

6125

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)

6130

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” prefix to utilize with “c: or “p” for denoting extent of cancer after neoadjuvant or primary systemic and/or radiation therapy
r	Retreatment Classification

6135

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, 5 th Edition
6	AJCC Staging Manual, 6 th Edition
7	AJCC Staging Manual, 7 th Edition

Add section 6.5.AA (Added 2011-09 from QRPH PRPH-Ca Profile)

6140

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	“
IIIB	“
IIC	“
III	“
IIIA	“
IIIB	“
IIIC	“
IS	“
IV	“
IVA	“
IVB	“
IVC	“

Add section 6.5.BB (Added 2011-09 from QRPH PRPH-Ca Profile)

6145

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)

6150

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.

6155

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.

6160

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

6165

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

6170

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

Metadata Element	Description	Mandatory
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

6175 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)

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
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)

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
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 QRPB VRDR supplement.)

6.5.GG QRPB VRDR Autopsy Not Performed Codes

6180

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

Metadata Element	Description	Mandatory
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

6185 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

6190 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

Metadata Element	Description	Mandatory
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
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 Death Value Set

6195 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 QRPV VRDR supplement.)

6.5.II VRDR Death Location Type Codes

6200 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
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

6205 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

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
OTH	Other

Add section 6.5.JJ (Added 2013-09 form the QRPH VRDR supplement.)

6.5.JJ VRDR Death Certification Procedure Codes

6210 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

6215 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.)

6220

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

Metadata Element	Description	Mandatory
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

6225 **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)

6230

Add the following section 6.6-1 Concept Domains

6.6 Concept Domains

6235 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 ⁶ .
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 schedule ⁶ .
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 ⁷ .
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) ⁷ .

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² Source: CDC Census 2010