



NATIONAL
QUALITY FORUM

QDM December 2012 HQMF Templates

Introduction

QDM elements can be represented eMeasures using the Health Quality Measure Format Release 1 (HQMF R1) Draft Standard for Trial Use. QDM elements are represented in the HQMF R1 via predefined QDM-HQMF templates, formerly referred to as “QDM Patterns”. The QDM-HQMF templates can be mapped to specific CDA templates in the Quality Reporting Document Architecture Implementation Guide. The listing of all of the QDM HQMF templates and the mapping to CDA templates will continue to be covered in different HL7 standards such as QDM Based HQMF Implementation Guide and QDM based QRDA Implementation Guide.

Datatypes

Care Goal

template id: 2.16.840.1.113883.3.560.1.9

```
<act classCode="ACT" moodCode="EVN" isCriterionInd="true">
<templateId root="{ $getTemplateOID}"/>
<id root="{ $QDMElementUniqueId}"/>
<code code="18776-5" displayName="Plan of care" codeSystem="2.16.840.1.113883.6.1"/>
<sourceOf typeCode="COMP">
<observation classCode="OBS" moodCode="GOL" isCriterionInd="true">
<code code="ASSERTION" codeSystem="2.16.840.1.113883.5.4"/>
<title>"{ $datatypeName}: { $valueSetName}"</title>
<value xsi:type="CD" code="{ $valueSetOID}" codeSystem="2.16.840.1.113883.3.560.101.1" displayName="{ $displayName}"/>
</observation>
</sourceOf>
</act>
```

Communication: From Patient to Provider

template id: 2.16.840.1.113883.3.560.1.30

```
<act classCode="ACT" moodCode="EVN" isCriterionInd="true">
<templateId root="{ $getTemplateOID}"/>
<id root="{ $QDMElementUniqueId}"/>
<code code="COMMGR_X" displayName="Communication Manager" codeSystem="2.16.840.1.113883.6.1"/>
<sourceOf typeCode="COMP">
<act classCode="ACT" moodCode="EVN" isCriterionInd="true">
<code code="{ $valueSetOID}" codeSystem="2.16.840.1.113883.3.560.101.1" displayName="{ $displayName}"/>
<title>"{ $datatypeName}: { $valueSetName}"</title>
<participant typeCode="AUT">
<patientParticipant classCode="PAT"/>
</participant>
<participant typeCode="IRCP">
<signatureCode code="S" />
<roleParticipant classCode="ASSIGNED">
<code code="158965000" codeSystem="2.16.840.1.113883.6.96" displayName="Medical Practitioner"/>
</roleParticipant>
</participant>
</act>
</sourceOf>
</act>
```

Communication: From Provider to Patient

template id: 2.16.840.1.113883.3.560.1.31

```
<act classCode="ACT" moodCode="EVN" isCriterionInd="true">
<templateId root="{ $getTemplateOID}"/>
<id root="{ $QDMElementUniqueId}"/>
<code code="COMMGR_X" displayName="Communication Manager" codeSystem="2.16.840.1.113883.6.1"/>
<sourceOf typeCode="COMP">
<act classCode="ACT" moodCode="EVN" isCriterionInd="true">
<code code="{ $valueSetOID}" codeSystem="2.16.840.1.113883.3.560.101.1" displayName="{ $displayName}"/>
<title>"{ $datatypeName}: { $valueSetName}"</title>
<participant typeCode="AUT">
<roleParticipant classCode="ASSIGNED">
<code code="158965000" codeSystem="2.16.840.1.113883.6.96" displayName="Medical Practitioner"/>
</roleParticipant>
</participant>
<participant typeCode="IRCP">
<signatureCode code="S" />
</act>
</sourceOf>
</act>
```

```

<patientParticipant classCode="PAT" />
</participant>
</act>
</sourceOf>
</act>

```

Communication: From Provider to Provider

template id: 2.16.840.1.113883.3.560.1.29

```

<act classCode="ACT" moodCode="EVN" isCriterionInd="true">
<templateId root="{ $getTemplateOID}"/>
<id root="{ $QDMElementUniqueId}"/>
<code code="COMMGR_X" displayName="Communication Manager" codeSystem="2.16.840.1.113883.6.1"/>
<sourceOf typeCode="COMP">
<act classCode="ACT" moodCode="EVN" isCriterionInd="true">
<code code="{ $valueSetOID}" codeSystem="2.16.840.1.113883.3.560.101.1" displayName="{ $displayName}"/>
<title>"{ $datatypeName}: { $valueSetName}"</title>
<participant typeCode="AUT">
<roleParticipant classCode="ASSIGNED">
<code code="158965000" codeSystem="2.16.840.1.113883.6.96" displayName="Medical Practitioner"/>
</roleParticipant>
</participant>
<participant typeCode="IRCP">

```

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```

<participant typeCode="IRCP">
<signatureCode code="S" />
<roleParticipant classCode="ASSIGNED">
<code code="158965000" codeSystem="2.16.840.1.113883.6.96" displayName="Medical Practitioner"/>
</roleParticipant>
</participant>
</act>
</sourceOf>
</act>

```

Device, Adverse Event

template id: 2.16.840.1.113883.3.560.1.34

```

<act classCode="ACT" moodCode="EVN" isCriterionInd="true">
<templateId root="{ $getTemplateOID}"/>
<id root="{ $QDMElementUniqueId}"/>
<code code="48765-2" displayName="Allergies, adverse reactions, alerts" codeSystem="2.16.840.1.113883.6.1" />
<sourceOf typeCode="COMP">
<observation classCode="OBS" moodCode="EVN" isCriterionInd="true">
<code code="281647001" codeSystem="2.16.840.1.113883.6.96" displayName="Adverse reaction" />
<title>"{ $datatypeName}: { $valueSetName}"</title>
<participant typeCode="PRD">
<roleParticipant classCode="MANU">
<playingDevice classCode="DEV" determinerCode="KIND">
<code code="{ $valueSetOID}" codeSystem="2.16.840.1.113883.3.560.101.1" displayName="{ $displayName}"/>
</playingDevice>
</roleParticipant>
</participant>
</observation>
</sourceOf>
</act>

```

Device, Allergy

template id: 2.16.840.1.113883.3.560.1.35

```

<act classCode="ACT" moodCode="EVN" isCriterionInd="true">
<templateId root="{ $getTemplateOID}"/>
<id root="{ $QDMElementUniqueId}"/>
<code code="48765-2" displayName="Allergies, adverse reactions, alerts" codeSystem="2.16.840.1.113883.6.1" />
<sourceOf typeCode="COMP">
<observation classCode="OBS" moodCode="EVN" isCriterionInd="true">
<code code="106190000" codeSystem="2.16.840.1.113883.6.96" displayName="allergy"/>
<title>"{ $datatypeName}: { $valueSetName}"</title>
<participant typeCode="PRD">
<roleParticipant classCode="MANU">
<playingDevice classCode="DEV" determinerCode="KIND">
<code code="{ $valueSetOID}" codeSystem="2.16.840.1.113883.3.560.101.1" displayName="{ $displayName}"/>
</playingDevice>
</roleParticipant>
</participant>
</observation>
</sourceOf>
</act>

```

Device, Applied

template id: 2.16.840.1.113883.3.560.1.10

```
<act classCode="ACT" moodCode="EVN" isCriterionInd="true">
<templateId root="{ $getTemplateOID}"/>
<id root="{ $QDMElementUniqueId}"/>
<code code="47519-4" displayName="Procedures" codeSystem="2.16.840.1.113883.6.1"/>
<sourceOf typeCode="COMP">
<procedure classCode="PROC" moodCode="EVN" isCriterionInd="true">
<code code="360030002" displayName="application of device" codeSystem="2.16.840.1.113883.6.96" />
<title>"{ $datatypeName}: { $valueSetName}"</title>
<participant typeCode="DEV">
<roleParticipant classCode="MANU">
<playingDevice classCode="DEV" determinerCode="KIND">
<code code="{ $valueSetOID}" codeSystem="2.16.840.1.113883.3.560.101.1" displayName="{ $displayName}"/>
</playingDevice>
</roleParticipant>
</participant>
</procedure>
</sourceOf>
</act>
```

Device, Intolerance

template id: 2.16.840.1.113883.3.560.1.36

```
<act classCode="ACT" moodCode="EVN" isCriterionInd="true">
<templateId root="{ $getTemplateOID}"/>
<id root="{ $QDMElementUniqueId}"/>
<code code="48765-2" displayName="Allergies, adverse reactions, alerts" codeSystem="2.16.840.1.113883.6.1" />
<sourceOf typeCode="COMP">
<observation classCode="OBS" moodCode="EVN" isCriterionInd="true">
<code code="INTOL-X" codeSystem="2.16.840.1.113883.3.560" displayName="Intolerance"/>
<title>"{ $datatypeName}: { $valueSetName}"</title>
```

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```
<title>"{ $datatypeName}: { $valueSetName}"</title>
<participant typeCode="PRD">
<roleParticipant classCode="MANU">
<playingDevice classCode="DEV" determinerCode="KIND">
<code code="{ $valueSetOID}" codeSystem="2.16.840.1.113883.3.560.101.1" displayName="{ $displayName}"/>
</playingDevice>
</roleParticipant>
</participant>
</observation>
</sourceOf>
</act>
```

Device, Order

template id: 2.16.840.1.113883.3.560.1.37

```
<act classCode="ACT" moodCode="EVN" isCriterionInd="true">
<templateId root="{ $getTemplateOID}"/>
<id root="{ $QDMElementUniqueId}"/>
<code code="18776-5" displayName="Plan of care" codeSystem="2.16.840.1.113883.6.1"/>
<sourceOf typeCode="COMP">
<supply classCode="SPLY" moodCode="RQO" isCriterionInd="true">
<title>"{ $datatypeName}: { $valueSetName}"</title>
<participant typeCode="DEV">
<roleParticipant classCode="MANU">
<playingDevice classCode="DEV" determinerCode="KIND">
<code code="{ $valueSetOID}" codeSystem="2.16.840.1.113883.3.560.101.1" displayName="{ $displayName}"/>
</playingDevice>
</roleParticipant>
</participant>
</supply>
</sourceOf>
</act>
```

Device, Recommended

template id: 2.16.840.1.113883.3.560.1.80

```
<act classCode="ACT" moodCode="EVN" isCriterionInd="true">
<templateId root="{ $getTemplateOID}"/>
<id root="{ $QDMElementUniqueId}"/>
<code code="18776-5" displayName="Plan of care" codeSystem="2.16.840.1.113883.6.1"/>
<sourceOf typeCode="COMP">
<supply classCode="SPLY" moodCode="INT" isCriterionInd="true">
<title>"{ $datatypeName}: { $valueSetName}"</title>
<participant typeCode="DEV">
<roleParticipant classCode="MANU">
<playingDevice classCode="DEV" determinerCode="KIND">
```

```

<code code="{ $valueSetOID}" codeSystem="2.16.840.1.113883.3.560.101.1" displayName="{ $displayName}"/>
</playingDevice>
</roleParticipant>
</participant>
</supply>
</sourceOf>
</act>

```

Diagnosis, Active

template id: 2.16.840.1.113883.3.560.1.2

```

<act classCode="ACT" moodCode="EVN" isCriterionInd="true">
<templateId root="{ $getTemplateOID}"/>
<id root="{ $QDMElementUniqueId}"/>
<code code="11450-4" codeSystem="2.16.840.1.113883.6.1" displayName="Problem"/>
<sourceOf typeCode="COMP">
<observation classCode="OBS" moodCode="EVN" isCriterionInd="true">
<code code="55607006" codeSystem="2.16.840.1.113883.6.96" displayName="Problem"/>
<title>"{ $datatypeName}: { $valueSetName}"</title>
<value xsi:type="CD" code="{ $valueSetOID}" codeSystem="2.16.840.1.113883.3.560.101.1" displayName="{ $displayName}"/>
<sourceOf typeCode="REFR">
<observation classCode="OBS" moodCode="EVN" isCriterionInd="true">
<code code="33999-4" codeSystem="2.16.840.1.113883.6.1" displayName="Status"/>
<value xsi:type="CD" code="55561003" codeSystem="2.16.840.1.113883.6.96" displayName="active"/>
</observation>
</sourceOf>
</observation>
</sourceOf>
</act>

```

Diagnosis, Family History

template id: 2.16.840.1.113883.3.560.1.32

```

<act classCode="ACT" moodCode="EVN" isCriterionInd="true">
<templateId root="{ $getTemplateOID}"/>
<id root="{ $QDMElementUniqueId}"/>
<code code="10157-6" displayName="History of family member diseases" codeSystem="2.16.840.1.113883.6.1"/>
<sourceOf typeCode="COMP">
<observation classCode="OBS" moodCode="EVN" isCriterionInd="true">
<code code="ASSERTION" codeSystem="2.16.840.1.113883.5.4"/>
<title>"{ $datatypeName}: { $valueSetName}"</title>

```

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```

<title>"{ $datatypeName}: { $valueSetName}"</title>
<value xsi:type="CD" code="{ $valueSetOID}" codeSystem="2.16.840.1.113883.3.560.101.1" displayName="{ $displayName}"/>
<participant typeCode="SBJ">
<roleParticipant classCode="PRS">
<code code="125677006" codeSystem="2.16.840.1.113883.6.96" displayName="Relative"/>
</roleParticipant>
</participant>
</observation>
</sourceOf>
</act>

```

Diagnosis, Inactive

template id: 2.16.840.1.113883.3.560.1.23

```

<act classCode="ACT" moodCode="EVN" isCriterionInd="true">
<templateId root="{ $getTemplateOID}"/>
<id root="{ $QDMElementUniqueId}"/>
<code code="11450-4" codeSystem="2.16.840.1.113883.6.1" displayName="Problem"/>
<sourceOf typeCode="COMP">
<observation classCode="OBS" moodCode="EVN" isCriterionInd="true">
<code code="55607006" codeSystem="2.16.840.1.113883.6.96" displayName="Problem"/>
<title>"{ $datatypeName}: { $valueSetName}"</title>
<value xsi:type="CD" code="{ $valueSetOID}" codeSystem="2.16.840.1.113883.3.560.101.1" displayName="{ $displayName}"/>
<sourceOf typeCode="REFR">
<observation classCode="OBS" moodCode="EVN" isCriterionInd="true">
<code code="33999-4" codeSystem="2.16.840.1.113883.6.1" displayName="Status"/>
<value xsi:type="CD" code="73425007" codeSystem="2.16.840.1.113883.6.96" displayName="inactive"/>
</observation>
</sourceOf>
</observation>
</sourceOf>
</act>

```

Diagnosis, Resolved

template id: 2.16.840.1.113883.3.560.1.24

```

<act classCode="ACT" moodCode="EVN" isCriterionInd="true">
<templateId root="{ $getTemplateOID}"/>

```

```

<id root="{ $QDMElementUniqueId }"/>
<code code="11450-4" codeSystem="2.16.840.1.113883.6.1" displayName="Problem"/>
<sourceOf typeCode="COMP">
<observation classCode="OBS" moodCode="EVN" isCriterionInd="true">
<code code="55607006" codeSystem="2.16.840.1.113883.6.96" displayName="Problem"/>
<title>"{ $datatypeName } : { $valueSetName }"</title>
<value xsi:type="CD" code="{ $valueSetOID }" codeSystem="2.16.840.1.113883.3.560.101.1" displayName="{ $displayName }"/>
<sourceOf typeCode="REFR">
<observation classCode="OBS" moodCode="EVN" isCriterionInd="true">
<code code="33999-4" codeSystem="2.16.840.1.113883.6.1" displayName="Status"/>
<value xsi:type="CD" code="413322009" codeSystem="2.16.840.1.113883.6.96" displayName="resolved"/>
</observation>
</sourceOf>
</observation>
</sourceOf>
</act>

```

Diagnostic Study, Adverse Event

template id: 2.16.840.1.113883.3.560.1.38

```

<act classCode="ACT" moodCode="EVN" isCriterionInd="true">
<templateId root="{ $getTemplateOID }"/>
<id root="{ $QDMElementUniqueId }"/>
<code code="48765-2" displayName="Allergies, adverse reactions, alerts" codeSystem="2.16.840.1.113883.6.1"/>
<sourceOf typeCode="COMP">
<observation classCode="OBS" moodCode="EVN" isCriterionInd="true">
<code code="281647001" codeSystem="2.16.840.1.113883.6.96" displayName="Adverse reaction" />
<title>"{ $datatypeName } : { $valueSetName }"</title>
<sourceOf typeCode="CAUS" inversionInd="true">
<procedure classCode="PROC" moodCode="EVN" isCriterionInd="true">
<code code="{ $valueSetOID }" codeSystem="2.16.840.1.113883.3.560.101.1" displayName="{ $displayName }"/>
</procedure>
</sourceOf>
</observation>
</sourceOf>
</act>

```

Diagnostic Study, Intolerance

template id: 2.16.840.1.113883.3.560.1.39

```

<act classCode="ACT" moodCode="EVN" isCriterionInd="true">
<templateId root="{ $getTemplateOID }"/>
<id root="{ $QDMElementUniqueId }"/>
<code code="48765-2" displayName="Allergies, adverse reactions, alerts" codeSystem="2.16.840.1.113883.6.1"/>
<sourceOf typeCode="COMP">
<observation classCode="OBS" moodCode="EVN" isCriterionInd="true">
<code code="INTOL-X" codeSystem="2.16.840.1.113883.3.560" displayName="Intolerance"/>
<title>"{ $datatypeName } : { $valueSetName }"</title>

```

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```

<title>"{ $datatypeName } : { $valueSetName }"</title>
<sourceOf typeCode="CAUS" inversionInd="true">
<procedure classCode="PROC" moodCode="EVN" isCriterionInd="true">
<code code="{ $valueSetOID }" codeSystem="2.16.840.1.113883.3.560.101.1" displayName="{ $displayName }"/>
</procedure>
</sourceOf>
</observation>
</sourceOf>
</act>

```

Diagnostic Study, Order

template id: 2.16.840.1.113883.3.560.1.40

```

<act classCode="ACT" moodCode="EVN" isCriterionInd="true">
<templateId root="{ $getTemplateOID }"/>
<id root="{ $QDMElementUniqueId }"/>
<code code="18776-5" displayName="Plan of care" codeSystem="2.16.840.1.113883.6.1"/>
<sourceOf typeCode="COMP">
<procedure classCode="PROC" moodCode="RQO" isCriterionInd="true">
<code code="{ $valueSetOID }" codeSystem="2.16.840.1.113883.3.560.101.1" displayName="{ $displayName }"/>
<title>"{ $datatypeName } : { $valueSetName }"</title>
</procedure>
</sourceOf>
</act>

```

Diagnostic Study, Performed

template id: 2.16.840.1.113883.3.560.1.3

```

<act classCode="ACT" moodCode="EVN" isCriterionInd="true">
<templateId root="{ $getTemplateOID }"/>
<id root="{ $QDMElementUniqueId }"/>

```

```

<code code="30954-2" codeSystem="2.16.840.1.113883.6.1" displayName="Results"/>
<sourceOf typeCode="COMP">
<observation classCode="OBS" moodCode="EVN" isCriterionInd="true">
<code code="{ $valueSetOID}" codeSystem="2.16.840.1.113883.3.560.101.1" displayName="{ $displayName}"/>
<title>"{ $datatypeName}: { $valueSetName}"</title>
<statusCode code="completed"/>
</observation>
</sourceOf>
</act>

```

Diagnostic Study, Recommended

```

template id: 2.16.840.1.113883.3.560.1.40
<act classCode="ACT" moodCode="EVN" isCriterionInd="true">
<templateId root="{ $getTemplateOID}"/>
<id root="{ $QDMElementUniqueId}"/>
<code code="18776-5" displayName="Plan of care" codeSystem="2.16.840.1.113883.6.1"/>
<sourceOf typeCode="COMP">
<procedure classCode="PROC" moodCode="INT" isCriterionInd="true">
<code code="{ $valueSetOID}" codeSystem="2.16.840.1.113883.3.560.101.1" displayName="{ $displayName}"/>
<title>"{ $datatypeName}: { $valueSetName}"</title>
</procedure>
</sourceOf>
</act>

```

Diagnostic Study, Result

```

template id: 2.16.840.1.113883.3.560.1.11
<act classCode="ACT" moodCode="EVN" isCriterionInd="true">
<templateId root="{ $getTemplateOID}"/>
<id root="{ $QDMElementUniqueId}"/>
<code code="30954-2" codeSystem="2.16.840.1.113883.6.1" displayName="Results"/>
<sourceOf typeCode="COMP">
<observation classCode="OBS" moodCode="EVN" isCriterionInd="true">
<code code="{ $valueSetOID}" codeSystem="2.16.840.1.113883.3.560.101.1" displayName="{ $displayName}"/>
<title>"{ $datatypeName}: { $valueSetName}"</title>
<statusCode code="completed"/>
</observation>
</sourceOf>
</act>

```

Encounter, Active

```

template id: 2.16.840.1.113883.3.560.1.81
<act classCode="ACT" moodCode="EVN" isCriterionInd="true">
<templateId root="{ $getTemplateOID}"/>
<id root="{ $QDMElementUniqueId}"/>
<code code="46240-8" codeSystem="2.16.840.1.113883.6.1" displayName="Encounter List"/>
<sourceOf typeCode="COMP">
<encounter classCode="ENC" moodCode="EVN" isCriterionInd="true">
<code code="{ $valueSetOID}" codeSystem="2.16.840.1.113883.3.560.101.1" displayName="{ $displayName}"/>
<title>"{ $datatypeName}: { $valueSetName}"</title>
<sourceOf typeCode="REFR">
<observation classCode="OBS" moodCode="EVN" isCriterionInd="true">
<code code="33999-4" codeSystem="2.16.840.1.113883.6.1" displayName="Status"/>
<value xsi:type="CD" code="55561003" displayName="active" codeSystem="2.16.840.1.113883.6.96"/>
</observation>
</sourceOf>
</encounter>
</sourceOf>
</act>

```

Encounter, Order

```

template id: 2.16.840.1.113883.3.560.1.83
<act classCode="ACT" moodCode="EVN" isCriterionInd="true">
<templateId root="{ $getTemplateOID}"/>
<id root="{ $QDMElementUniqueId}"/>
<code code="18776-5" codeSystem="2.16.840.1.113883.6.1" displayName="Plan of Care"/>
<sourceOf typeCode="COMP">
<encounter classCode="ENC" moodCode="RQO" isCriterionInd="true">
<code code="{ $valueSetOID}" codeSystem="2.16.840.1.113883.3.560.101.1" displayName="{ $displayName}"/>
<title>"{ $datatypeName}: { $valueSetName}"</title>
<statusCode code="completed"/>
</encounter>
</sourceOf>
</act>

```

Encounter, Performed

```

template id: 2.16.840.1.113883.3.560.1.79

```

```

<act classCode="ACT" moodCode="EVN" isCriterionInd="true">
<templateId root="{getTemplateOID}"/>
<id root="{QDMElementUniqueId}"/>
<code code="46240-8" codeSystem="2.16.840.1.113883.6.1" displayName="Encounter list"/>
<sourceOf typeCode="COMP">
<encounter classCode="ENC" moodCode="RQO" isCriterionInd="true">
<code code="{valueSetOID}" displayName="{displayName}"/>
<title>"{datatypeName}: {valueSetName}"</title>
<statusCode code="completed"/>
</encounter>
</sourceOf>
</act>

```

Encounter, Recommended

template id: 2.16.840.1.113883.3.560.1.84

```

<act classCode="ACT" moodCode="EVN" isCriterionInd="true">
<templateId root="{getTemplateOID}"/>
<id root="{QDMElementUniqueId}"/>
<code code="18776-5" codeSystem="2.16.840.1.113883.6.1" displayName="Plan of Care"/>
<sourceOf typeCode="COMP">
<encounter classCode="ENC" moodCode="INT" isCriterionInd="true">
<code code="{valueSetOID}" codeSystem="2.16.840.1.113883.3.560.101.1" displayName="{displayName}"/>
<title>"{datatypeName}: {valueSetName}"</title>
</encounter>
</sourceOf>
</act>

```

Functional Status, Order

template id: 2.16.840.1.113883.3.560.1.86

```

<act classCode="ACT" moodCode="EVN" isCriterionInd="true">
<templateId root="{getTemplateOID}"/>
<id root="{QDMElementUniqueId}"/>
<code code="18776-5" codeSystem="2.16.840.1.113883.6.1" displayName="Plan of Care"/>
<sourceOf typeCode="COMP">
<observation classCode="OBS" moodCode="RQO" isCriterionInd="true">
<code code="{valueSetOID}" codeSystem="2.16.840.1.113883.3.560.101.1" displayName="{displayName}"/>
<title>"{datatypeName}: {valueSetName}"</title>
<statusCode code="completed"/>
</observation>
</sourceOf>
</act>

```

Functional Status, Performed

template id: 2.16.840.1.113883.3.560.1.85

```

<act classCode="ACT" moodCode="EVN" isCriterionInd="true">
<templateId root="{getTemplateOID}"/>
<id root="{QDMElementUniqueId}"/>
<code code="47420-5" displayName="Functional status assessment" codeSystem="2.16.840.1.113883.6.1"/>
<sourceOf typeCode="COMP">
<observation classCode="OBS" moodCode="EVN" isCriterionInd="true">
<code code="{valueSetOID}" codeSystem="2.16.840.1.113883.3.560.101.1" displayName="{displayName}"/>
<title>"{datatypeName}: {valueSetName}"</title>
<statusCode code="completed"/>
</observation>
</sourceOf>
</act>

```

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```

</observation>
</sourceOf>
</act>

```

Functional Status, Recommended

template id: 2.16.840.1.113883.3.560.1.87

```

<act classCode="ACT" moodCode="EVN" isCriterionInd="true">
<templateId root="{getTemplateOID}"/>
<id root="{QDMElementUniqueId}"/>
<code code="18776-5" codeSystem="2.16.840.1.113883.6.1" displayName="Plan of Care"/>
<sourceOf typeCode="COMP">
<observation classCode="OBS" moodCode="INT" isCriterionInd="true">
<code code="{valueSetOID}" codeSystem="2.16.840.1.113883.3.560.101.1" displayName="{displayName}"/>
<title>"{datatypeName}: {valueSetName}"</title>
<statusCode code="completed"/>
</observation>
</sourceOf>
</act>

```


Functional Status, Result

template id: 2.16.840.1.113883.3.560.1.88

```
<act classCode="ACT" moodCode="EVN" isCriterionInd="true">
<templateId root="{ $getTemplateOID}"/>
<id root="{ $QDMElementUniqueId}"/>
<code code="47420-5" codeSystem="2.16.840.1.113883.6.1" displayName="Functional status assessment"/>
<sourceOf typeCode="COMP">
<observation classCode="OBS" moodCode="EVN" isCriterionInd="true">
<code code="{ $valueSetOID}" codeSystem="2.16.840.1.113883.3.560.101.1" displayName="{ $displayName}"/>
<title>"{ $datatypeName}: { $valueSetName}"</title>
<statusCode code="completed"/>
</observation>
</sourceOf>
</act>
```

Intervention, AdverseEvent

template id: 2.16.840.1.113883.3.560.1.43

```
<act classCode="ACT" moodCode="EVN" isCriterionInd="true">
<templateId root="{ $getTemplateOID}"/>
<id root="{ $QDMElementUniqueId}"/>
<code code="48765-2" displayName="Allergies, adverse reactions, alerts" codeSystem="2.16.840.1.113883.6.1"/>
<sourceOf typeCode="COMP">
<observation classCode="OBS" moodCode="EVN" isCriterionInd="true">
<code code="281647001" codeSystem="2.16.840.1.113883.6.96" displayName="Adverse reaction" />
<title>"{ $datatypeName}: { $valueSetName}"</title>
<sourceOf typeCode="CAUS" inversionInd="true">
<procedure classCode="PROC" moodCode="EVN" isCriterionInd="true">
<code code="{ $valueSetOID}" codeSystem="2.16.840.1.113883.3.560.101.1" displayName="{ $displayName}"/>
</procedure>
</sourceOf>
</observation>
</sourceOf>
</act>
```

Intervention, Intolerance

template id: 2.16.840.1.113883.3.560.1.44

```
<act classCode="ACT" moodCode="EVN" isCriterionInd="true">
<templateId root="{ $getTemplateOID}"/>
<id root="{ $QDMElementUniqueId}"/>
<code code="48765-2" displayName="Allergies, adverse reactions, alerts" codeSystem="2.16.840.1.113883.6.1"/>
<sourceOf typeCode="COMP">
<observation classCode="OBS" moodCode="EVN" isCriterionInd="true">
<code code="INTOL-X" codeSystem="2.16.840.1.113883.3.560" displayName="Intolerance"/>
<title>"{ $datatypeName}: { $valueSetName}"</title>
<sourceOf typeCode="CAUS" inversionInd="true">
<procedure classCode="PROC" moodCode="EVN" isCriterionInd="true">
<code code="{ $valueSetOID}" codeSystem="2.16.840.1.113883.3.560.101.1" displayName="{ $displayName}"/>
</procedure>
</sourceOf>
</observation>
</sourceOf>
</act>
```

Intervention, Order

template id: 2.16.840.1.113883.3.560.1.45

```
<act classCode="ACT" moodCode="EVN" isCriterionInd="true">
<templateId root="{ $getTemplateOID}"/>
<id root="{ $QDMElementUniqueId}"/>
<code code="18776-5" displayName="Plan of care" codeSystem="2.16.840.1.113883.6.1"/>
<sourceOf typeCode="COMP">
<procedure classCode="PROC" moodCode="RQO" isCriterionInd="true">
<code code="{ $valueSetOID}" codeSystem="2.16.840.1.113883.3.560.101.1" displayName="{ $displayName}"/>
<title>"{ $datatypeName}: { $valueSetName}"</title>
</procedure>
</sourceOf>
</act>
```

Intervention, Performed

template id: 2.16.840.1.113883.3.560.1.46

```
<act classCode="ACT" moodCode="EVN" isCriterionInd="true">
<templateId root="{ $getTemplateOID}"/>
<id root="{ $QDMElementUniqueId}"/>
<code code="47519-4" displayName="Procedures" codeSystem="2.16.840.1.113883.6.1"/>
<sourceOf typeCode="COMP">
<procedure classCode="PROC" moodCode="EVN" isCriterionInd="true">
<code code="{ $valueSetOID}" codeSystem="2.16.840.1.113883.3.560.101.1" displayName="{ $displayName}"/>
```

```

<title>{"$datatypeName": {"$valueSetName"}}</title>
<statusCode code="completed"/>
</procedure>
</sourceOf>
</act>

```

Intervention, Recommended

```

template id: 2.16.840.1.113883.3.560.1.89
<act classCode="ACT" moodCode="EVN" isCriterionInd="true">
<templateId root="{getTemplateOID}"/>
<id root="{QDMElementUniqueId}"/>
<code code="18776-5" codeSystem="2.16.840.1.113883.6.1" displayName="Plan of care"/>
<sourceOf typeCode="COMP">
<procedure classCode="PROC" moodCode="INT" isCriterionInd="true">
<code code="{valueSetOID}" codeSystem="2.16.840.1.113883.3.560.101.1" displayName="{displayName}"/>
<title>{"$datatypeName": {"$valueSetName"}}</title>
</procedure>
</sourceOf>
</act>

```

Intervention, Result

```

template id: 2.16.840.1.113883.3.560.1.47
<act classCode="ACT" moodCode="EVN" isCriterionInd="true">
<templateId root="{getTemplateOID}"/>
<id root="{QDMElementUniqueId}"/>
<code code="47519-4" displayName="Procedures" codeSystem="2.16.840.1.113883.6.1" />
<sourceOf typeCode="COMP">
<procedure classCode="PROC" moodCode="EVN" isCriterionInd="true">
<code code="{valueSetOID}" codeSystem="2.16.840.1.113883.3.560.101.1" displayName="{displayName}"/>
<title>{"$datatypeName": {"$valueSetName"}}</title>
<statusCode code="completed"/>
</procedure>
</sourceOf>
</act>

```

Laboratory Test, Adverse Event

```

template id: 2.16.840.1.113883.3.560.1.48
<act classCode="ACT" moodCode="EVN" isCriterionInd="true">
<templateId root="{getTemplateOID}"/>
<id root="{QDMElementUniqueId}"/>
<code code="48765-2" displayName="Allergies, adverse reactions, alerts" codeSystem="2.16.840.1.113883.6.1"/>
<sourceOf typeCode="COMP">
<observation classCode="OBS" moodCode="EVN" isCriterionInd="true">
<code code="281647001" codeSystem="2.16.840.1.113883.6.96" displayName="Adverse reaction" />
<title>{"$datatypeName": {"$valueSetName"}}</title>
<sourceOf typeCode="CAUS" inversionInd="true">
<procedure classCode="PROC" moodCode="EVN" isCriterionInd="true">
<code code="{valueSetOID}" codeSystem="2.16.840.1.113883.3.560.101.1" displayName="{displayName}"/>
</procedure>
</sourceOf>
</observation>
</sourceOf>
</act>

```

Laboratory Test, Intolerance

```

template id: 2.16.840.1.113883.3.560.1.49
<act classCode="ACT" moodCode="EVN" isCriterionInd="true">
<templateId root="{getTemplateOID}"/>
<id root="{QDMElementUniqueId}"/>
<code code="48765-2" displayName="Allergies, adverse reactions, alerts" codeSystem="2.16.840.1.113883.6.1"/>
<sourceOf typeCode="COMP">
<observation classCode="OBS" moodCode="EVN" isCriterionInd="true">
<code code="INTOL-X" codeSystem="2.16.840.1.113883.3.560" displayName="Intolerance"/>
<title>{"$datatypeName": {"$valueSetName"}}</title>
<sourceOf typeCode="CAUS" inversionInd="true">

```

```

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<sourceOf typeCode="CAUS" inversionInd="true">
<procedure classCode="PROC" moodCode="EVN" isCriterionInd="true">
<code code="{valueSetOID}" codeSystem="2.16.840.1.113883.3.560.101.1" displayName="{displayName}"/>
</procedure>
</sourceOf>
</observation>
</sourceOf>
</act>

```

Laboratory Test, Order

template id: 2.16.840.1.113883.3.560.1.50

```
<act classCode="ACT" moodCode="EVN" isCriterionInd="true">
<templateId root="{getTemplateOID}"/>
<id root="{QDMElementUniqueId}"/>
<code code="18776-5" displayName="Plan of care" codeSystem="2.16.840.1.113883.6.1"/>
<sourceOf typeCode="COMP">
<procedure classCode="PROC" moodCode="RQO" isCriterionInd="true">
<code code="{valueSetOID}" codeSystem="2.16.840.1.113883.3.560.101.1" displayName="{displayName}"/>
<title>{datatypeName}: {valueSetName}</title>
</procedure>
</sourceOf>
</act>
```

Laboratory Test, Recommended

template id: 2.16.840.1.113883.3.560.1.90

```
<act classCode="ACT" moodCode="EVN" isCriterionInd="true">
<templateId root="{getTemplateOID}"/>
<id root="{QDMElementUniqueId}"/>
<code code="18776-5" codeSystem="2.16.840.1.113883.6.1" displayName="Plan of care"/>
<sourceOf typeCode="COMP">
<procedure classCode="PROC" moodCode="INT" isCriterionInd="true">
<code code="{valueSetOID}" codeSystem="2.16.840.1.113883.3.560.101.1" displayName="{displayName}"/>
<title>{datatypeName}: {valueSetName}</title>
</procedure>
</sourceOf>
</act>
```

Laboratory Test, Result

template id: 2.16.840.1.113883.3.560.1.12

```
<act classCode="ACT" moodCode="EVN" isCriterionInd="true">
<templateId root="{getTemplateOID}"/>
<id root="{QDMElementUniqueId}"/>
<code code="30954-2" displayName="Results" codeSystem="2.16.840.1.113883.6.1">
<sourceOf typeCode="COMP">
<observation classCode="OBS" moodCode="EVN" isCriterionInd="true">
<code code="{valueSetOID}" codeSystem="2.16.840.1.113883.3.560.101.1" displayName="{displayName}"/>
<title>{datatypeName}: {valueSetName}</title>
<statusCode code="completed"/>
</observation>
</sourceOf>
</act>
```

Medication, Active

template id: 2.16.840.1.113883.3.560.1.13

```
<act classCode="ACT" moodCode="EVN" isCriterionInd="true">
<templateId root="{getTemplateOID}"/>
<id root="{QDMElementUniqueId}"/>
<code code="10160-0" codeSystem="2.16.840.1.113883.6.1" displayName="Medications"/>
<sourceOf typeCode="COMP">
<substanceAdministration classCode="SBADM" moodCode="EVN" isCriterionInd="true">
<title>{datatypeName}: {valueSetName}</title>
<participant typeCode="CSM">
<roleParticipant classCode="MANU">
<playingMaterial classCode="MMAT" determinerCode="KIND">
<code code="{valueSetOID}" codeSystem="2.16.840.1.113883.3.560.101.1" displayName="{displayName}"/>
</playingMaterial>
</roleParticipant>
</participant>
<sourceOf typeCode="REFR">
<observation classCode="OBS" moodCode="EVN" isCriterionInd="true">
<code code="33999-4" codeSystem="2.16.840.1.113883.6.1" displayName="Status"/>
<value xsi:type="CD" code="55561003" codeSystem="2.16.840.1.113883.6.96" displayName="active"/>
</observation>
</sourceOf>
</substanceAdministration>
</sourceOf>
</act>
```

Medication, Administered

template id: 2.16.840.1.113883.3.560.1.14

```
<act classCode="ACT" moodCode="EVN" isCriterionInd="true">
<templateId root="{getTemplateOID}"/>
<id root="{QDMElementUniqueId}"/>
<code code="18610-6" displayName="Medication administered" codeSystem="2.16.840.1.113883.6.1"/>
```

```

<sourceOf typeCode="COMP">
<substanceAdministration classCode="SBADM" moodCode="EVN" isCriterionInd="true">
<title>{"$datatypeName": {$valueSetName}}</title>
<participant typeCode="CSM">
<roleParticipant classCode="MANU">
<playingMaterial classCode="MMAT" determinerCode="KIND">
<code code="{$valueSetOID}" codeSystem="2.16.840.1.113883.3.560.101.1" displayName="{$displayName}"/>
</playingMaterial>
</roleParticipant>
</participant>
</substanceAdministration>
</sourceOf>
</act>

```

Medication, Adverse Effects

template id: 2.16.840.1.113883.3.560.1.7

```

<act classCode="ACT" moodCode="EVN" isCriterionInd="true">
<templateId root="{$getTemplateOID}"/>
<id root="{$QDMElementUniqueId}"/>
<code code="48765-2" displayName="Allergies, adverse reactions, alerts" codeSystem="2.16.840.1.113883.6.1"/>
<sourceOf typeCode="COMP">
<observation classCode="OBS" moodCode="EVN" isCriterionInd="true">
<code code="419511003" codeSystem="2.16.840.1.113883.6.96" displayName="Drug adverse effect"/>
<title>{"$datatypeName": {$valueSetName}}</title>
<participant typeCode="CSM">
<roleParticipant classCode="MANU">
<playingMaterial classCode="MMAT" determinerCode="KIND">
<code code="{$valueSetOID}" codeSystem="2.16.840.1.113883.3.560.101.1" displayName="{$displayName}"/>
</playingMaterial>
</roleParticipant>
</participant>
</observation>
</sourceOf>
</act>

```

Medication, Allergy

template id: 2.16.840.1.113883.3.560.1.1

```

<act classCode="ACT" moodCode="EVN" isCriterionInd="true">
<templateId root="{$getTemplateOID}"/>
<id root="{$QDMElementUniqueId}"/>
<code code="48765-2" displayName="Allergies, adverse reactions, alerts" codeSystem="2.16.840.1.113883.6.1"/>
<sourceOf typeCode="COMP">
<observation classCode="OBS" moodCode="EVN" isCriterionInd="true">
<code code="416098002" codeSystem="2.16.840.1.113883.6.96" displayName="Drug allergy"/>
<title>{"$datatypeName": {$valueSetName}}</title>
<participant typeCode="CSM">
<roleParticipant classCode="MANU">
<playingMaterial classCode="MMAT" determinerCode="KIND">
<code code="{$valueSetOID}" codeSystem="2.16.840.1.113883.3.560.101.1" displayName="{$displayName}"/>
</playingMaterial>
</roleParticipant>
</participant>
</observation>
</sourceOf>
</act>

```

Medication, Discharge

template id: 2.16.840.1.113883.3.560.1.199

```

<act classCode='ACT' moodCode='RQO' isCriterionInd='true'>
<templateId root="{$getTemplateOID}"/>
<id root="{$QDMElementUniqueId}"/>
<code code="10183-2" displayName="Discharge Medications" codeSystem="2.16.840.1.113883.6.1">
<sourceOf typeCode="COMP">
<substanceAdministration classCode="SBADM" moodCode="RQO" isCriterionInd="true">
<title>{"$datatypeName": {$valueSetName}}</title>
<participant typeCode="CSM">
<roleParticipant classCode="MANU">
<playingMaterial classCode="MMAT" determinerCode="KIND">
<code code="{$valueSetOID}" codeSystem="2.16.840.1.113883.3.560.101.1" displayName="{$displayName}"/>
</playingMaterial>
</roleParticipant>
</participant>
</substanceAdministration>
</sourceOf>
</act>

```

Medication, Dispensed

template id: 2.16.840.1.113883.3.560.1.8

```
<act classCode="ACT" moodCode="EVN" isCriterionInd="true">
<templateId root="{getTemplateOID}"/>
<id root="{QDMElementUniqueId}"/>
<code code="10160-0" codeSystem="2.16.840.1.113883.6.1" displayName="Medications"/>
<sourceOf typeCode="COMP">
<supply classCode="SPLY" moodCode="EVN" isCriterionInd="true">
<title>{"datatypeName": {valueSetName}}</title>
<participant typeCode="CSM">
<roleParticipant classCode="MANU">
<playingMaterial classCode="MMAT" determinerCode="KIND">
<code code="{valueSetOID}" codeSystem="2.16.840.1.113883.3.560.101.1" displayName="{displayName}"/>
</playingMaterial>
</roleParticipant>
</participant>
</supply>
</sourceOf>
</act>
```

Medication, Intolerance

template id: 2.16.840.1.113883.3.560.1.15

```
<act classCode="ACT" moodCode="EVN" isCriterionInd="true">
<templateId root="{getTemplateOID}"/>
<id root="{QDMElementUniqueId}"/>
<code code="48765-2" displayName="Allergies, adverse reactions, alerts" codeSystem="2.16.840.1.113883.6.1"/>
<sourceOf typeCode="COMP">
<observation classCode="OBS" moodCode="EVN" isCriterionInd="true">
<code code="59037007" codeSystem="2.16.840.1.113883.6.96" displayName="Drug intolerance"/>
<title>{"datatypeName": {valueSetName}}</title>
<participant typeCode="CSM">
<roleParticipant classCode="MANU">
<playingMaterial classCode="MMAT" determinerCode="KIND">
<code code="{valueSetOID}" codeSystem="2.16.840.1.113883.3.560.101.1" displayName="{displayName}"/>
</playingMaterial>
</roleParticipant>
</participant>
</observation>
</sourceOf>
</act>
```

Medication, Order

template id: 2.16.840.1.113883.3.560.1.17

```
<act classCode="ACT" moodCode="EVN" isCriterionInd="true">
<templateId root="{getTemplateOID}"/>
<id root="{QDMElementUniqueId}"/>
<code code="10160-0" codeSystem="2.16.840.1.113883.6.1" displayName="Medications"/>
<sourceOf typeCode="COMP">
<substanceAdministration classCode="SBADM" moodCode="RQO" isCriterionInd="true">
<title>{"datatypeName": {valueSetName}}</title>
<participant typeCode="CSM">
<roleParticipant classCode="MANU">
<playingMaterial classCode="MMAT" determinerCode="KIND">
<code code="{valueSetOID}" codeSystem="2.16.840.1.113883.3.560.101.1" displayName="{displayName}"/>
</playingMaterial>
</roleParticipant>
</participant>
</substanceAdministration>
</sourceOf>
</act>
```

Patient Care Experience

template id: 2.16.840.1.113883.3.560.1.96

```
<act classCode="ACT" moodCode="EVN" isCriterionInd="true">
<templateId root="{getTemplateOID}"/>
<id root="{QDMElementUniqueId}"/>
<sourceOf typeCode="COMP">
<observation classCode="OBS" moodCode="EVN" isCriterionInd="true">
<code code="{valueSetOID}" codeSystem="2.16.840.1.113883.3.560.101.1" displayName="{displayName}"/>
<title>{"datatypeName": {valueSetName}}</title>
</observation>
</sourceOf>
</act>
```

Patient Characteristic

template id: 2.16.840.1.113883.3.560.1.1001

```
<act classCode="ACT" moodCode="EVN" isCriterionInd="true">
<templateId root="{ $getTemplateOID}"/>
<id root="{ $QDMElementUniqueId}"/>
<sourceOf typeCode="COMP">
<observation classCode="OBS" moodCode="EVN" isCriterionInd="true">
<code code="{ $valueSetOID}" codeSystem="2.16.840.1.113883.3.560.101.1" displayName="{ $displayName}"/>
<title>"{ $datatypeName}: { $valueSetName}"</title>
</observation>
</sourceOf>
</act>
```

Patient Characteristic Birth Date

template id: 2.16.840.1.113883.3.560.1.400

```
<act classCode="ACT" moodCode="EVN" isCriterionInd="true">
<templateId root="{ $getTemplateOID}"/>
<id root="{ $QDMElementUniqueId}"/>
<code code="45970-1" displayName="Demographics" codeSystem="2.16.840.1.113883.6.1"/>
<sourceOf typeCode="COMP">
<observation classCode="OBS" moodCode="EVN" isCriterionInd="true">
<code code="21112-8" codeSystem="2.16.840.1.113883.6.1" displayName="Birth date"/>
<title>"{ $datatypeName}: { $valueSetName}"</title>
<value xsi:type="CD" code="{ $valueSetOID}" codeSystem="2.16.840.1.113883.3.560.101.1" displayName="{ $displayName}"/>
</observation>
</sourceOf>
</act>
```

Patient Characteristic Clinical Trial Participant

template id: 2.16.840.1.113883.3.560.1.401

```
<act classCode="ACT" moodCode="EVN" isCriterionInd="true">
<templateId root="{ $getTemplateOID}"/>
<id root="{ $QDMElementUniqueId}"/>
<sourceOf typeCode="COMP">
<observation classCode="OBS" moodCode="EVN" isCriterionInd="true">
<code code="428024001" codeSystem="2.16.840.1.113883.6.96" displayName="Clinical Trial Participant"/>
<title>"{ $datatypeName}: { $valueSetName}"</title>
<value xsi:type="CD" code="{ $valueSetOID}" codeSystem="2.16.840.1.113883.3.560.101.1" displayName="{ $displayName}"/>
</observation>
</sourceOf>
</act>
```

Patient Characteristic Ethnicity

template id: 2.16.840.1.113883.3.560.1.403

```
<act classCode="ACT" moodCode="EVN" isCriterionInd="true">
<templateId root="{ $getTemplateOID}"/>
<id root="{ $QDMElementUniqueId}"/>
<code code="45970-1" displayName="Demographics" codeSystem="2.16.840.1.113883.6.1"/>
<sourceOf typeCode="COMP">
<observation classCode="OBS" moodCode="EVN" isCriterionInd="true">
<code code="54133-4" codeSystem="2.16.840.1.113883.6.1" displayName="Ethnicity"/>
<title>"{ $datatypeName}: { $valueSetName}"</title>
<value xsi:type="CD" code="{ $valueSetOID}" codeSystem="2.16.840.1.113883.3.560.101.1" displayName="{ $displayName}"/>
</observation>
</sourceOf>
</act>
```

Patient Characteristic Expired

template id: 2.16.840.1.113883.3.560.1.404

```
<act classCode="ACT" moodCode="EVN" isCriterionInd="true">
<templateId root="{ $getTemplateOID}"/>
<id root="{ $QDMElementUniqueId}"/>
<code code="45970-1" displayName="Demographics" codeSystem="2.16.840.1.113883.6.1"/>
<sourceOf typeCode="COMP">
<observation classCode="OBS" moodCode="EVN" isCriterionInd="true">
<code code="419099009" codeSystem="2.16.840.1.113883.6.96" displayName="Expired"/>
<title>"{ $datatypeName}: { $valueSetName}"</title>
<value xsi:type="CD" code="{ $valueSetOID}" codeSystem="2.16.840.1.113883.3.560.101.1" displayName="{ $displayName}"/>
</observation>
</sourceOf>
</act>
```

Patient Characteristic Payer

template id: 2.16.840.1.113883.3.560.1.405

```
<act classCode="ACT" moodCode="EVN" isCriterionInd="true">
```

```

<templateId root="{ $getTemplateOID}"/>
<id root="{ $QDMElementUniqueId}"/>
<code code="45970-1" displayName="Demographics" codeSystem="2.16.840.1.113883.6.1"/>
<sourceOf typeCode="COMP">
<observation classCode="OBS" moodCode="EVN" isCriterionInd="true">
<code code="48768-6" codeSystem="2.16.840.1.113883.6.1" displayName="Payer"/>
<title>{"$datatypeName": {"$valueSetName}}</title>
<value xsi:type="CD" code="{ $valueSetOID}" codeSystem="2.16.840.1.113883.3.560.101.1" displayName="{ $displayName}"/>
</observation>
</sourceOf>
</act>

```

Patient Characteristic Race

template id:

```

<act classCode="ACT" moodCode="EVN" isCriterionInd="true">
<templateId root="{ $getTemplateOID}"/>
<id root="{ $QDMElementUniqueId}"/>
<code code="45970-1" displayName="Demographics" codeSystem="2.16.840.1.113883.6.1"/>
<sourceOf typeCode="COMP">
<observation classCode="OBS" moodCode="EVN" isCriterionInd="true">
<code code="32624-9" codeSystem="2.16.840.1.113883.6.1" displayName="Race"/>
<title>{"$datatypeName": {"$valueSetName}}</title>
<value xsi:type="CD" code="{ $valueSetOID}" codeSystem="2.16.840.1.113883.3.560.101.1" displayName="{ $displayName}"/>
</observation>
</sourceOf>
</act>

```

Patient Characteristic Sex

template id: 2.16.840.1.113883.3.560.1.402

```

<act classCode="ACT" moodCode="EVN" isCriterionInd="true">
<templateId root="{ $getTemplateOID}"/>
<id root="{ $QDMElementUniqueId}"/>
<code code="45970-1" displayName="Demographics" codeSystem="2.16.840.1.113883.6.1"/>
<sourceOf typeCode="COMP">
<observation classCode="OBS" moodCode="EVN" isCriterionInd="true">
<code code="263495000" codeSystem="2.16.840.1.113883.6.96" displayName="Gender"/>
<title>{"$datatypeName": {"$valueSetName}}</title>
<value xsi:type="CD" code="{ $valueSetOID}" codeSystem="2.16.840.1.113883.3.560.101.1" displayName="{ $displayName}"/>
</observation>
</sourceOf>
</act>

```

Physical Exam, Finding

template id: 2.16.840.1.113883.3.560.1.18

```

<act classCode="ACT" moodCode="EVN" isCriterionInd="true">
<templateId root="{ $getTemplateOID}"/>
<id root="{ $QDMElementUniqueId}"/>
<code code="29545-1" codeSystem="2.16.840.1.113883.6.1" displayName="Physical Examination"/>
<sourceOf typeCode="COMP">
<observation classCode="OBS" moodCode="EVN" isCriterionInd="true">
<code code="{ $valueSetOID}" codeSystem="2.16.840.1.113883.3.560.101.1" displayName="{ $displayName}"/>
<title>{"$datatypeName": {"$valueSetName}}</title>
<statusCode code="completed"/>
</observation>
</sourceOf>
</act>

```

Physical Exam, Order

template id: 2.16.840.1.113883.3.560.1.56

```

<act classCode="ACT" moodCode="EVN" isCriterionInd="true">
<templateId root="{ $getTemplateOID}"/>
<id root="{ $QDMElementUniqueId}"/>
<code code="18776-5" displayName="Plan of care" codeSystem="2.16.840.1.113883.6.1"/>
<sourceOf typeCode="COMP">
<observation classCode="OBS" moodCode="RQO" isCriterionInd="true">
<code code="{ $valueSetOID}" codeSystem="2.16.840.1.113883.3.560.101.1" displayName="{ $displayName}"/>
<title>{"$datatypeName": {"$valueSetName}}</title>
</observation>
</sourceOf>
</act>

```

Physical Exam, Performed

template id: 2.16.840.1.113883.3.560.1.57

```

<act classCode="ACT" moodCode="EVN" isCriterionInd="true">
<templateId root="{ $getTemplateOID}"/>
<id root="{ $QDMElementUniqueId}"/>

```

```

<code code="29545-1" codeSystem="2.16.840.1.113883.6.1" displayName="Physical Examination"/>
<sourceOf typeCode="COMP">
<observation classCode="OBS" moodCode="EVN" isCriterionInd="true">
<code code="{ $valueSetOID}" codeSystem="2.16.840.1.113883.3.560.101.1" displayName="{ $displayName}"/>
<title>"{ $datatypeName}: { $valueSetName}"</title>
<statusCode code="completed"/>
</observation>
</sourceOf>
</act>

```

Physical Exam, Recommended

```

template id: 2.16.840.1.113883.3.560.1.91
<act classCode="ACT" moodCode="EVN" isCriterionInd="true">
<templateId root="{ $getTemplateOID}"/>
<id root="{ $QDMElementUniqueId}"/>
<code code="18776-5" codeSystem="2.16.840.1.113883.6.1" displayName="Plan of Care"/>
<sourceOf typeCode="COMP">
<observation classCode="OBS" moodCode="INT" isCriterionInd="true">
<code code="{ $valueSetOID}" codeSystem="2.16.840.1.113883.3.560.101.1" displayName="{ $displayName}"/>
<title>"{ $datatypeName}: { $valueSetName}"</title>
<statusCode code="completed"/>
</observation>
</sourceOf>
</act>

```

Procedure, Adverse Event

```

template id: 2.16.840.1.113883.3.560.1.60
<act classCode="ACT" moodCode="EVN" isCriterionInd="true">
<templateId root="{ $getTemplateOID}"/>
<id root="{ $QDMElementUniqueId}"/>
<code code="48765-2" displayName="Allergies, adverse reactions, alerts" codeSystem="2.16.840.1.113883.6.1"/>
<sourceOf typeCode="COMP">
<observation classCode="OBS" moodCode="EVN" isCriterionInd="true">
<code code="281647001" codeSystem="2.16.840.1.113883.6.96" displayName="Adverse reaction"/>
<title>"{ $datatypeName}: { $valueSetName}"</title>
<sourceOf typeCode="CAUS" inversionInd="true">
<procedure classCode="PROC" moodCode="EVN" isCriterionInd="true">
<code code="{ $valueSetOID}" codeSystem="2.16.840.1.113883.3.560.101.1" displayName="{ $displayName}"/>
</procedure>
</sourceOf>
</observation>
</sourceOf>
</act>

```

Procedure, Intolerance

```

template id: 2.16.840.1.113883.3.560.1.61
<act classCode="ACT" moodCode="EVN" isCriterionInd="true">
<templateId root="{ $getTemplateOID}"/>
<id root="{ $QDMElementUniqueId}"/>
<code code="48765-2" displayName="Allergies, adverse reactions, alerts" codeSystem="2.16.840.1.113883.6.1"/>
<sourceOf typeCode="COMP">
<observation classCode="OBS" moodCode="EVN" isCriterionInd="true">
<code code="INTOL-X" codeSystem="2.16.840.1.113883.3.560" displayName="Intolerance"/>
<title>"{ $datatypeName}: { $valueSetName}"</title>
<sourceOf typeCode="CAUS" inversionInd="true">
<procedure classCode="PROC" moodCode="EVN" isCriterionInd="true">
<code code="{ $valueSetOID}" codeSystem="2.16.840.1.113883.3.560.101.1" displayName="{ $displayName}"/>
</procedure>
</sourceOf>
</observation>
</sourceOf>
</act>

```

Procedure, Order

```

template id: 2.16.840.1.113883.3.560.1.62
<act classCode="ACT" moodCode="EVN" isCriterionInd="true">
<templateId root="{ $getTemplateOID}"/>
<id root="{ $QDMElementUniqueId}"/>
<code code="18776-5" codeSystem="2.16.840.1.113883.6.1" displayName="Plan of care"/>
<sourceOf typeCode="COMP">
<procedure classCode="PROC" moodCode="RQO" isCriterionInd="true">
<code code="{ $valueSetOID}" codeSystem="2.16.840.1.113883.3.560.101.1" displayName="{ $displayName}"/>
<title>"{ $datatypeName}: { $valueSetName}"</title>
</procedure>
</sourceOf>
</act>

```


Procedure, Performed

template id: 2.16.840.1.113883.3.560.1.6

```
<act classCode="ACT" moodCode="EVN" isCriterionInd="true">
<templateId root="{ $getTemplateOID}"/>
<id root="{ $QDMElementUniqueId}"/>
<code code="47519-4" codeSystem="2.16.840.1.113883.6.1" displayName="Procedures"/>
<sourceOf typeCode="COMP">
<procedure classCode="PROC" moodCode="EVN" isCriterionInd="true">
<code code="{ $valueSetOID}" codeSystem="2.16.840.1.113883.3.560.101.1" displayName="{ $displayName}"/>
<title>"{ $datatypeName}: { $valueSetName}"</title>
</procedure>
</sourceOf>
</act>
```

Procedure, Recommended

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template id: 2.16.840.1.113883.3.560.1.92

```
<act classCode="ACT" moodCode="EVN" isCriterionInd="true">
<templateId root="{ $getTemplateOID}"/>
<id root="{ $QDMElementUniqueId}"/>
<code code="18776-5" codeSystem="2.16.840.1.113883.6.1" displayName="Plan of care"/>
<sourceOf typeCode="COMP">
<procedure classCode="PROC" moodCode="INT" isCriterionInd="true">
<code code="{ $valueSetOID}" codeSystem="2.16.840.1.113883.3.560.101.1" displayName="{ $displayName}"/>
<title>"{ $datatypeName}: { $valueSetName}"</title>
</procedure>
</sourceOf>
</act>
```

Procedure, Result

template id: 2.16.840.1.113883.3.560.1.63

```
<act classCode="ACT" moodCode="EVN" isCriterionInd="true">
<templateId root="{ $getTemplateOID}"/>
<id root="{ $QDMElementUniqueId}"/>
<code code="47519-4" displayName="Procedures" codeSystem="2.16.840.1.113883.6.1" />
<sourceOf typeCode="COMP">
<procedure classCode="PROC" moodCode="EVN" isCriterionInd="true">
<code code="{ $valueSetOID}" codeSystem="2.16.840.1.113883.3.560.101.1" displayName="{ $displayName}"/>
<title>"{ $datatypeName}: { $valueSetName}"</title>
</procedure>
</sourceOf>
</act>
```

Provider Care Experience

template id: 2.16.840.1.113883.3.560.1.28

```
<act classCode="ACT" moodCode="EVN" isCriterionInd="true">
<templateId root="{ $getTemplateOID}"/>
<id root="{ $QDMElementUniqueId}"/>
<code code="405193005" codeSystem="2.16.840.1.113883.6.96" displayName="Caregiver satisfaction"/>
<sourceOf typeCode="COMP">
<observation classCode="OBS" moodCode="EVN" isCriterionInd="true">
<code code="{ $valueSetOID}" codeSystem="2.16.840.1.113883.3.560.101.1" displayName="{ $displayName}"/>
<title>"{ $datatypeName}: { $valueSetName}"</title>
</observation>
</sourceOf>
</act>
```

Provider Characteristic

template id: 2.16.840.1.113883.3.560.1.25

```
<act classCode="ACT" moodCode="EVN" isCriterionInd="true">
<templateId root="{ $getTemplateOID}"/>
<id root="{ $QDMElementUniqueId}"/>
<sourceOf typeCode="COMP">
<observation classCode="OBS" moodCode="DEF" isCriterionInd="true">
<title>"{ $datatypeName}: { $valueSetName}"</title>
<participant typeCode="PRF">
<roleParticipant classCode="ASSIGNED">
<playingDevice classCode="DEV" determinerCode="KIND">
<code code="{ $valueSetOID}" codeSystem="2.16.840.1.113883.3.560.101.1" displayName="{ $displayName}"/>
</playingDevice>
</roleParticipant>
</participant>
</observation>
</sourceOf>
</act>
```

Risk Category / Assessment

template id: 2.16.840.1.113883.3.560.1.21

```
<act classCode="ACT" moodCode="EVN" isCriterionInd="true">
<templateId root="{ $getTemplateOID }"/>
<id root="{ $QDMElementUniqueId }"/>
<code code="51848-0" displayName="Assessment" codeSystem="2.16.840.1.113883.6.1" codeSystemName="LOINC"/>
<sourceOf typeCode="COMP">
<observation classCode="OBS" moodCode="EVN" isCriterionInd="true">
<code code="{ $valueSetOID}" codeSystem="2.16.840.1.113883.3.560.101.1" displayName="{ $displayName }"/>
<title>"{ $datatypeName}: { $valueSetName}"</title>
<statusCode code="completed"/>
</observation>
</sourceOf>
</act>
```

Substance, Administered

template id: 2.16.840.1.113883.3.560.1.64

```
<act classCode="ACT" moodCode="EVN" isCriterionInd="true">
<templateId root="{ $getTemplateOID }"/>
<id root="{ $QDMElementUniqueId }"/>
<code code="11320-9" displayName="Feeding and dietary status" codeSystem="2.16.840.1.113883.6.1"/>
<sourceOf typeCode="COMP">
<substanceAdministration classCode="SBADM" moodCode="EVN" isCriterionInd="true">
<title>"{ $datatypeName}: { $valueSetName}"</title>
<participant typeCode="CSM">
<roleParticipant classCode="MANU">
<playingMaterial classCode="MMAT" determinerCode="KIND">
<code code="{ $valueSetOID}" codeSystem="2.16.840.1.113883.3.560.101.1" displayName="{ $displayName }"/>
</playingMaterial>
</roleParticipant>
</participant>
</substanceAdministration>
</sourceOf>
</act>
```

Substance, Adverse Event

template id: 2.16.840.1.113883.3.560.1.65

```
<act classCode="ACT" moodCode="EVN" isCriterionInd="true">
<templateId root="{ $getTemplateOID }"/>
<id root="{ $QDMElementUniqueId }"/>
<code code="48765-2" displayName="Allergies, adverse reactions, alerts" codeSystem="2.16.840.1.113883.6.1"/>
<sourceOf typeCode="COMP">
<observation classCode="OBS" moodCode="EVN" isCriterionInd="true">
<code code="281647001" codeSystem="2.16.840.1.113883.6.96" displayName="Adverse reaction" />
<title>"{ $datatypeName}: { $valueSetName}"</title>
<participant typeCode="CSM">
<roleParticipant classCode="MANU">
<playingMaterial classCode="MMAT" determinerCode="KIND">
<code code="{ $valueSetOID}" codeSystem="2.16.840.1.113883.3.560.101.1" displayName="{ $displayName }"/>
</playingMaterial>
</roleParticipant>
</participant>
</observation>
</sourceOf>
</act>
```

Substance, Allergy

template id: 2.16.840.1.113883.3.560.1.66

```
<act classCode="ACT" moodCode="EVN" isCriterionInd="true">
<templateId root="{ $getTemplateOID }"/>
<id root="{ $QDMElementUniqueId }"/>
<code code="48765-2" displayName="Allergies, adverse reactions, alerts" codeSystem="2.16.840.1.113883.6.1"/>
<sourceOf typeCode="COMP">
<observation classCode="OBS" moodCode="EVN" isCriterionInd="true">
<code code="419199007" codeSystem="2.16.840.1.113883.6.96" displayName="allergy to substance"/>
<title>"{ $datatypeName}: { $valueSetName}"</title>
<participant typeCode="CSM">
<roleParticipant classCode="MANU">
<playingMaterial classCode="MMAT" determinerCode="KIND">
<code code="{ $valueSetOID}" codeSystem="2.16.840.1.113883.3.560.101.1" displayName="{ $displayName }"/>
</playingMaterial>
</roleParticipant>
</participant>
</observation>
</sourceOf>
</act>
```

Substance, Intolerance

template id: 2.16.840.1.113883.3.560.1.67

```
<act classCode="ACT" moodCode="EVN" isCriterionInd="true">
<templateId root="{ $getTemplateOID }"/>
<id root="{ $QDMElementUniqueId }"/>
<code code="48765-2" displayName="Allergies, adverse reactions, alerts" codeSystem="2.16.840.1.113883.6.1"/>
<sourceOf typeCode="COMP">
<observation classCode="OBS" moodCode="EVN" isCriterionInd="true">
<code code="INTOL-X" codeSystem="2.16.840.1.113883.3.560" displayName="Intolerance"/>
<title>"{ $datatypeName }": { $valueSetName }</title>
<participant typeCode="CSM">
<roleParticipant classCode="MANU">
<playingMaterial classCode="MMAT" determinerCode="KIND">
<code code="{ $valueSetOID }" codeSystem="2.16.840.1.113883.3.560.101.1" displayName="{ $displayName }"/>
</playingMaterial>
</roleParticipant>
</participant>
</observation>
</sourceOf>
</act>
```

Substance, Order

template id: 2.16.840.1.113883.3.560.1.68

```
<act classCode="ACT" moodCode="EVN" isCriterionInd="true">
<templateId root="{ $getTemplateOID }"/>
<id root="{ $QDMElementUniqueId }"/>
<code code="11320-9" displayName="Feeding and dietary status" codeSystem="2.16.840.1.113883.6.1"/>
<sourceOf typeCode="COMP">
<substanceAdministration classCode="SBADM" moodCode="RQO" isCriterionInd="true">
<title>"{ $datatypeName }": { $valueSetName }</title>
<participant typeCode="CSM">
<roleParticipant classCode="MANU">
<playingMaterial classCode="MMAT" determinerCode="KIND">
<code code="{ $valueSetOID }" codeSystem="2.16.840.1.113883.3.560.101.1" displayName="{ $displayName }"/>
</playingMaterial>
</roleParticipant>
</participant>
</substanceAdministration>
</sourceOf>
</act>
```

Substance, Recommended

template id: 2.16.840.1.113883.3.560.1.93

```
<act classCode="ACT" moodCode="EVN" isCriterionInd="true">
<templateId root="{ $getTemplateOID }"/>
<id root="{ $QDMElementUniqueId }"/>
<code code="18776-5" displayName="Plan of care" codeSystem="2.16.840.1.113883.6.1"/>
<sourceOf typeCode="COMP">
<substanceAdministration classCode="SBADM" moodCode="INT" isCriterionInd="true">
<title>"{ $datatypeName }": { $valueSetName }</title>
<participant typeCode="CSM">
<roleParticipant classCode="MANU">
<playingMaterial classCode="MMAT" determinerCode="KIND">
<code code="{ $valueSetOID }" codeSystem="2.16.840.1.113883.3.560.101.1" displayName="{ $displayName }"/>
</playingMaterial>
</roleParticipant>
</participant>
</substanceAdministration>
</sourceOf>
</act>
```

Symptom, Active

template id: 2.16.840.1.113883.3.560.1.69

```
<act classCode="ACT" moodCode="EVN" isCriterionInd="true">
<templateId root="{ $getTemplateOID }"/>
<id root="{ $QDMElementUniqueId }"/>
<code code="46691-2" codeSystem="2.16.840.1.113883.6.1" displayName="Symptoms"/>
<sourceOf typeCode="COMP">
<observation classCode="OBS" moodCode="EVN" isCriterionInd="true">
<code code="{ $valueSetOID }" codeSystem="2.16.840.1.113883.3.560.101.1" displayName="{ $displayName }"/>
<title>"{ $datatypeName }": { $valueSetName }</title>
<sourceOf typeCode="REFR">
<observation classCode="OBS" moodCode="EVN" isCriterionInd="true">
<code code="33999-4" codeSystem="2.16.840.1.113883.6.1" displayName="Status"/>
<value xsi:type="CD" code="55561003" displayName="active" codeSystem="2.16.840.1.113883.6.96"/>
</observation>
</sourceOf>
```

```
</observation>
</sourceOf>
</act>
```

Symptom, Assessed

template id: 2.16.840.1.113883.3.560.1.70

```
<act classCode="ACT" moodCode="EVN" isCriterionInd="true">
<templateId root="{ $getTemplateOID}"/>
<id root="{ $QDMElementUniqueId}"/>
<code code="46691-2" codeSystem="2.16.840.1.113883.6.1" displayName="Symptoms"/>
<sourceOf typeCode="COMP">
<observation classCode="OBS" moodCode="EVN" isCriterionInd="true">
<code code="{ $valueSetOID}" codeSystem="2.16.840.1.113883.3.560.101.1" displayName="{ $displayName}"/>
<title>"{ $datatypeName}: { $valueSetName}"</title>
<sourceOf typeCode="REFR">
<observation classCode="OBS" moodCode="EVN" isCriterionInd="true">
<code code="33999-4" codeSystem="2.16.840.1.113883.6.1" displayName="Status"/>
<value xsi:type="CD" code="413322009" displayName="resolved" codeSystem="2.16.840.1.113883.6.96"/>
</observation>
</sourceOf>
</observation>
</sourceOf>
</act>
```

Symptom, Inactive

template id: 2.16.840.1.113883.3.560.1.97

```
<act classCode="ACT" moodCode="EVN" isCriterionInd="true">
<templateId root="{ $getTemplateOID}"/>
<id root="{ $QDMElementUniqueId}"/>
<code code="46691-2" codeSystem="2.16.840.1.113883.6.1" displayName="Symptoms"/>
<sourceOf typeCode="COMP">
<observation classCode="OBS" moodCode="EVN" isCriterionInd="true">
<code code="{ $valueSetOID}" codeSystem="2.16.840.1.113883.3.560.101.1" displayName="{ $displayName}"/>
<title>"{ $datatypeName}: { $valueSetName}"</title>
<sourceOf typeCode="REFR">
<observation classCode="OBS" moodCode="EVN" isCriterionInd="true">
<code code="33999-4" codeSystem="2.16.840.1.113883.6.1" displayName="Status"/>
<value xsi:type="CD" code="73425007" displayName="inactive" codeSystem="2.16.840.1.113883.6.96"/>
</observation>
</sourceOf>
</observation>
</sourceOf>
</act>
```

Symptom, Resolved

template id: 2.16.840.1.113883.3.560.1.98

```
<act classCode="ACT" moodCode="EVN" isCriterionInd="true">
<templateId root="{ $getTemplateOID}"/>
<id root="{ $QDMElementUniqueId}"/>
<code code="46691-2" codeSystem="2.16.840.1.113883.6.1" displayName="Symptoms"/>
<sourceOf typeCode="COMP">
<observation classCode="OBS" moodCode="EVN" isCriterionInd="true">
<code code="{ $valueSetOID}" codeSystem="2.16.840.1.113883.3.560.101.1" displayName="{ $displayName}"/>
<title>"{ $datatypeName}: { $valueSetName}"</title>
<sourceOf typeCode="REFR">
<observation classCode="OBS" moodCode="EVN" isCriterionInd="true">
<code code="33999-4" codeSystem="2.16.840.1.113883.6.1" displayName="Status"/>
<value xsi:type="CD" code="413322009" displayName="resolved" codeSystem="2.16.840.1.113883.6.96"/>
</observation>
</sourceOf>
</observation>
</sourceOf>
</act>
```

System Characteristic

template id: 2.16.840.1.113883.3.560.1.94

```
<act classCode="ACT" moodCode="EVN" isCriterionInd="true">
<templateId root="{ $getTemplateOID}"/>
<id root="{ $QDMElementUniqueId}"/>
<sourceOf typeCode="COMP">
<observation classCode="OBS" moodCode="DEF" isCriterionInd="true">
<code code="{ $valueSetOID}" codeSystem="2.16.840.1.113883.3.560.101.1" displayName="{ $displayName}"/>
<title>"{ $datatypeName}: { $valueSetName}"</title>
</observation>
</sourceOf>
</act>
```

Transfer From

template id: 2.16.840.1.113883.3.560.1.71

```
<act classCode="ACT" moodCode="EVN" isCriterionInd="true">
<templateId root="{getTemplateOID}"/>
<id root="{QDMElementUniqueId}"/>
<sourceOf typeCode="COMP">
<observation classCode="OBS" moodCode="EVN" isCriterionInd="true">
<title>{"$datatypeName": {"$valueSetName}}</title>
<participant typeCode="ORG">
<roleParticipant classCode="LOCE">
<code code="{valueSetOID}" codeSystem="2.16.840.1.113883.3.560.101.1" displayName="{displayName}"/>
</roleParticipant>
</participant>
</observation>
</sourceOf>
</act>
```

Transfer To

template id: 2.16.840.1.113883.3.560.1.72

```
<act classCode="ACT" moodCode="EVN" isCriterionInd="true">
<templateId root="{getTemplateOID}"/>
<id root="{QDMElementUniqueId}"/>
<sourceOf typeCode="COMP">
<observation classCode="OBS" moodCode="EVN" isCriterionInd="true">
<title>{"$datatypeName": {"$valueSetName}}</title>
<participant typeCode="DST">
<roleParticipant classCode="LOCE">
<code code="{valueSetOID}" codeSystem="2.16.840.1.113883.3.560.101.1" displayName="{displayName}"/>
</roleParticipant>
</participant>
</observation>
</sourceOf>
</act>
```

Attributes

admission datetime

is present template: (template id: 2.16.840.1.113883.3.560.1.1024.1):

```
<sourceOf typeCode="REFR">
<observation classCode="OBS" moodCode="EVN" isCriterionInd="true">
<templateId root="2.16.840.1.113883.3.560.1.1024.1"/>
<code code="399423000" codeSystem="2.16.840.1.113883.6.96" codeSystemName="SNOMED-CT" displayName="admission
datetime"/>
<value xsi:type="ANYNonNull"/>
</observation>
</sourceOf>
```

anatomical structure

is present template: (template id: 2.16.840.1.113883.3.560.1.1000.1):

```
<sourceOf typeCode="REFR">
<observation classCode="OBS" moodCode="EVN" isCriterionInd="true">
<templateId root="2.16.840.1.113883.3.560.1.1000.1"/>
<code code="91723000" codeSystem="2.16.840.1.113883.6.96" codeSystemName="SNOMED-CT" displayName="anatomical
structure"/>
<value xsi:type="ANYNonNull"/>
</observation>
</sourceOf>
```

valueset template (template id: 2.16.840.1.113883.3.560.1.1000.2):

```
<sourceOf typeCode="REFR">
<observation classCode="OBS" moodCode="EVN" isCriterionInd="true">
<templateId root="2.16.840.1.113883.3.560.1.1000.2"/>
<code code="91723000" codeSystem="2.16.840.1.113883.6.96" codeSystemName="SNOMED-CT" displayName="anatomical
structure"/>
<value xsi:type="CD" code="{valueSetOID}" codeSystem="2.16.840.1.113883.3.560.101.1"
displayName="{displayName}"/>
</observation>
</sourceOf>
```

cumulative medication duration

is present template: (template id: 2.16.840.1.113883.3.560.1.1033.1):

```
<sourceOf typeCode="SUBJ">
<observation classCode="OBS" moodCode="EVN" isCriterionInd="true">
<templateId root="2.16.840.1.113883.3.560.1.1033.1"/>
<code code="363819003" codeSystem="2.16.840.1.113883.6.96" displayName="cumulative medication duration"/>
```

```

<value xsi:type="ANYNonNull"/>
</observation>
</sourceOf>
comparison template (template id: 2.16.840.1.113883.3.560.1.1033.3):
<sourceOf typeCode="SUBJ">
<observation classCode="OBS" moodCode="EVN" isCriterionInd="true">
<templateId root="2.16.840.1.113883.3.560.1.1033.3"/>
<code code="363819003" codeSystem="2.16.840.1.113883.6.96" codeSystemName="SNOMED-CT" displayName="cumulative
medication duration"/>
<value xsi:type="IVL_PQ" >
<high value="10" unit="wk" inclusive="false"/>
</value>
</observation>
</sourceOf>

```

date

```

is present template: (template id: 2.16.840.1.113883.3.560.1.1002.1):
<sourceOf typeCode="REFR">
<observation classCode="OBS" moodCode="EVN" isCriterionInd="true">
<templateId root="2.16.840.1.113883.3.560.1.1002.1"/>
<code code="410672004" codeSystem="2.16.840.1.113883.6.96" codeSystemName="SNOMED-CT" displayName="date"/>
<value xsi:type="ANYNonNull"/>
</observation>
</sourceOf>

```

discharge datetime

```

is present template: (template id: 2.16.840.1.113883.3.560.1.1025.1):
<sourceOf typeCode="REFR">
<observation classCode="OBS" moodCode="EVN" isCriterionInd="true">
<templateId root="2.16.840.1.113883.3.560.1.1025.1"/>
<code code="442864001" codeSystem="2.16.840.1.113883.6.96" codeSystemName="SNOMED-CT" displayName="discharge
datetime"/>
<value xsi:type="ANYNonNull"/>
</observation>
</sourceOf>

```

discharge status

```

is present template: (template id: 2.16.840.1.113883.3.560.1.1003.1):
<sourceOf typeCode="REFR">
<observation classCode="OBS" moodCode="EVN" isCriterionInd="true">
<templateId root="2.16.840.1.113883.3.560.1.1003.1"/>
<code code="309039003" codeSystem="2.16.840.1.113883.6.96" codeSystemName="SNOMED-CT" displayName="discharge
status"/>
<value xsi:type="ANYNonNull"/>
</observation>
</sourceOf>

```

```

valueset template (template id: 2.16.840.1.113883.3.560.1.1003.2):
<sourceOf typeCode="REFR">
<observation classCode="OBS" moodCode="EVN" isCriterionInd="true">
<templateId root="2.16.840.1.113883.3.560.1.1003.2"/>
<code code="309039003" codeSystem="2.16.840.1.113883.6.96" codeSystemName="SNOMED-CT" displayName="discharge
status" />
<value xsi:type="CD" code="{valueSetOID}" codeSystem="2.16.840.1.113883.3.560.101.1"
displayName="{displayName}"/>
</observation>
</sourceOf>

```

dose

```

is present template: (template id: 2.16.840.1.113883.3.560.1.1004.1):
<sourceOf typeCode="REFR">
<observation classCode="OBS" moodCode="EVN" isCriterionInd="true">
<templateId root="2.16.840.1.113883.3.560.1.1004.1"/>
<code code="398232005" codeSystem="2.16.840.1.113883.6.96" codeSystemName="SNOMED-CT" displayName="dose"/>
<value xsi:type="ANYNonNull"/>
</observation>
</sourceOf>

```

```

comparison template (template id: 2.16.840.1.113883.3.560.1.1004.3):
<sourceOf typeCode="REFR">
<observation classCode="OBS" moodCode="EVN" isCriterionInd="true">
<templateId root="2.16.840.1.113883.3.560.1.1004.3"/>
<code code="398232005" codeSystem="2.16.840.1.113883.6.96" codeSystemName="SNOMED-CT" displayName="dose" />
<value xsi:type="IVL_PQ" >
<high value="10" unit="mg" inclusive="false"/>
</value>
</observation>
</sourceOf>

```

is present template: (template id: 2.16.840.1.113883.3.560.1.1005.1):

```
<sourceOf typeCode="REFR">
<observation classCode="OBS" moodCode="EVN" isCriterionInd="true">
<templateId root="2.16.840.1.113883.3.560.1.1005.1"/>
<code code="285202004 codeSystem="2.16.840.1.113883.6.96" codeSystemName="SNOMED-CT" displayName="environment"/>
<value xsi:type="ANYNonNull"/>
</observation>
</sourceOf>
```

valueset template (template id: 2.16.840.1.113883.3.560.1.1005.2):

```
<sourceOf typeCode="REFR">
<observation classCode="OBS" moodCode="EVN" isCriterionInd="true">
<templateId root="2.16.840.1.113883.3.560.1.1005.2"/>
<code code="285202004 codeSystem="2.16.840.1.113883.6.96" codeSystemName="SNOMED-CT" displayName="environment"
/>
<value xsi:type="CD" code="{ $valueSetOID}" codeSystem="2.16.840.1.113883.3.560.101.1"
displayName="{ $displayName}"/>
</observation>
</sourceOf>
```

facility location

is present template: (template id: 2.16.840.1.113883.3.560.1.1034.1):

```
<sourceOf typeCode="SUBJ">
<encounter classCode="ENC" moodCode="EVN" isCriterionInd="true">
<templateId root="2.16.840.1.113883.3.560.1.1034.1"/>
<participant typeCode="LOC">
<roleParticipant classCode="SDLOC">
<code/>
</roleParticipant>
</participant>
</encounter>
</sourceOf>
```

valueset template (template id: 2.16.840.1.113883.3.560.1.1034.2):

```
<sourceOf typeCode="SUBJ">
<encounter classCode="ENC" moodCode="EVN" isCriterionInd="true">
<templateId root="2.16.840.1.113883.3.560.1.1034.2"/>
<participant typeCode="LOC">
<roleParticipant classCode="SDLOC">
<code code="{ $valueSetOID}" codeSystem="2.16.840.1.113883.3.560.101.1" displayName="{ $displayName}"/>
</roleParticipant>
</participant>
</encounter>
</sourceOf>
```

facility location arrival datetime

is present template: (template id: 2.16.840.1.113883.3.560.1.1035.1):

```
<sourceOf typeCode="SUBJ">
<encounter classCode="ENC" moodCode="EVN" isCriterionInd="true">
<templateId root="2.16.840.1.113883.3.560.1.1035.1"/>
<participant typeCode="LOC">
<roleParticipant classCode="SDLOC">
<code/>
<effectiveTime xsi:type="IVL_TS">
<low/>
</effectiveTime>
</roleParticipant>
</participant>
</encounter>
</sourceOf>
```

valueset template (template id: 2.16.840.1.113883.3.560.1.1035.2):

```
<sourceOf typeCode="SUBJ">
<encounter classCode="ENC" moodCode="EVN" isCriterionInd="true">
<templateId root="2.16.840.1.113883.3.560.1.1035.2"/>
<participant typeCode="LOC">
<roleParticipant classCode="SDLOC">
<code code="{ $valueSetOID}" codeSystem="2.16.840.1.113883.3.560.101.1" displayName="{ $displayName}"/>
<effectiveTime xsi:type="IVL_TS">
<low/>
</effectiveTime>
</roleParticipant>
</participant>
</encounter>
</sourceOf>
```

facility location departure datetime

is present template: (template id: 2.16.840.1.113883.3.560.1.1036.1):

```
<sourceOf typeCode="SUBJ">
<encounter classCode="ENC" moodCode="EVN" isCriterionInd="true">
<templateId root="2.16.840.1.113883.3.560.1.1036.1"/>
```

```

<participant typeCode="LOC">
<roleParticipant classCode="SDLOC">
</code>
<effectiveTime xsi:type="IVL_TS">
<high/>
</effectiveTime>
</roleParticipant>
</participant>
</encounter>
</sourceOf>
valueset template (template id: 2.16.840.1.113883.3.560.1.1036.2):
<sourceOf typeCode="SUBJ">
<encounter classCode="ENC" moodCode="EVN" isCriterionInd="true">
<templateId root="2.16.840.1.113883.3.560.1.1036.2"/>
<participant typeCode="LOC">
<roleParticipant classCode="SDLOC">
<code code="{valueSetOID}" codeSystem="2.16.840.1.113883.3.560.101.1" displayName="{displayName}"/>
<effectiveTime xsi:type="IVL_TS">
<high/>
</effectiveTime>
</roleParticipant>
</participant>
</encounter>
</sourceOf>

```

frequency

```

is present template: (template id: 2.16.840.1.113883.3.560.1.1006.1):
<sourceOf typeCode="REFR">
<observation classCode="OBS" moodCode="EVN" isCriterionInd="true">
<templateId root="2.16.840.1.113883.3.560.1.1006.1"/>
<code code="260864003" codeSystem="2.16.840.1.113883.6.96" codeSystemName="SNOMED-CT" displayName="frequency"/>
<value xsi:type="ANYNonNull"/>
</observation>
</sourceOf>

```

```

valueset template (template id: 2.16.840.1.113883.3.560.1.1006.2):
<sourceOf typeCode="REFR">
<observation classCode="OBS" moodCode="EVN" isCriterionInd="true">
<templateId root="2.16.840.1.113883.3.560.1.1006.2"/>
<code code="260864003" codeSystem="2.16.840.1.113883.6.96" codeSystemName="SNOMED-CT" displayName="frequency" />
<value xsi:type="CD" code="{valueSetOID}" codeSystem="2.16.840.1.113883.3.560.101.1"
displayName="{displayName}"/>
</observation>
</sourceOf>

```

health record field

Health record field is indicated in the QDM datatype template by the act/code present in the template.

incision datetime

```

is present template: (template id: 2.16.840.1.113883.3.560.1.1007.1):
<sourceOf typeCode="REFR">
<observation classCode="OBS" moodCode="EVN" isCriterionInd="true">
<templateId root="2.16.840.1.113883.3.560.1.1007.1"/>
<code code="34896006" codeSystem="2.16.840.1.113883.6.96" displayName="incision">
<qualifier>
<name code="118575009" codeSystem="2.16.840.1.113883.6.96" codeSystemName="SNOMED-CT" displayName="datetime"/>
<value code="398201009" codeSystem="2.16.840.1.113883.6.96" codeSystemName="SNOMED-CT" displayName="start
datetime"/>
</qualifier>
</code>
<value xsi:type="ANYNonNull"/>
</observation>
</sourceOf>

```

laterality

```

is present template: (template id: 2.16.840.1.113883.3.560.1.1008.1):
<sourceOf typeCode="REFR">
<observation classCode="OBS" moodCode="EVN" isCriterionInd="true">
<templateId root="2.16.840.1.113883.3.560.1.1008.1"/>
<code code="182353008" codeSystem="2.16.840.1.113883.6.96" codeSystemName="SNOMED-CT"
displayName="laterality"/>
<value xsi:type="ANYNonNull"/>
</observation>
</sourceOf>
valueset template (template id: 2.16.840.1.113883.3.560.1.1008.2):
<sourceOf typeCode="REFR">
<observation classCode="OBS" moodCode="EVN" isCriterionInd="true">

```



```

<templateId root="2.16.840.1.113883.3.560.1.1008.2"/>
<code code="182353008" codeSystem="2.16.840.1.113883.6.96" codeSystemName="SNOMED-CT" displayName="laterality"
/>
<value xsi:type="CD" code="{valueSetOID}" codeSystem="2.16.840.1.113883.3.560.101.1"
displayName="{displayName}"/>
</observation>
</sourceOf>

```

length of stay

is present template: (template id: 2.16.840.1.113883.3.560.1.1029.1):

```

<sourceOf typeCode="SUBJ">
<observation classCode="OBS" moodCode="EVN" isCriterionInd="true">
<templateId root="2.16.840.1.113883.3.560.1.1029.1"/>
<code code="183797002" codeSystem="2.16.840.1.113883.6.96" displayName="length of stay"/>
<value xsi:type="ANYNonNull"/>
</observation>
</sourceOf>

```

comparison template (template id: 2.16.840.1.113883.3.560.1.1029.3):

```

<sourceOf typeCode="SUBJ">
<observation classCode="OBS" moodCode="EVN" isCriterionInd="true">
<templateId root="2.16.840.1.113883.3.560.1.1029.3"/>
<code code="183797002" codeSystem="2.16.840.1.113883.6.96" codeSystemName="SNOMED-CT" displayName="length of
stay" />
<value xsi:type="IVL_PQ" >
<high value="120" unit="d" inclusive="false"/>
</value>
</observation>
</sourceOf>

```

method

is present template: (template id: 2.16.840.1.113883.3.560.1.1009.1):

```

<sourceOf typeCode="REFR">
<observation classCode="OBS" moodCode="EVN" isCriterionInd="true">
<templateId root="2.16.840.1.113883.3.560.1.1009.1"/>
<code code="414679000" codeSystem="2.16.840.1.113883.6.96" codeSystemName="SNOMED-CT" displayName="method"/>
<value xsi:type="ANYNonNull"/>
</observation>
</sourceOf>

```

valueset template (template id: 2.16.840.1.113883.3.560.1.1009.2):

```

<sourceOf typeCode="REFR">
<observation classCode="OBS" moodCode="EVN" isCriterionInd="true">
<templateId root="2.16.840.1.113883.3.560.1.1009.2"/>
<code code="414679000" codeSystem="2.16.840.1.113883.6.96" codeSystemName="SNOMED-CT" displayName="method" />
<value xsi:type="CD" code="{valueSetOID}" codeSystem="2.16.840.1.113883.3.560.101.1" displayName="{displayName}"/>
</observation>
</sourceOf>

```

negation rationale

valueset template (template id: the negation rationale provides the reason that something did not occur. Consequently, this attribute has a template for linking the reason to the QDM data type template, but also slightly alters the QDM data type template. Thus, there is no template id since the attribute impacts the templates of multiple QDM data types. The following example shows the template for the negation rationale attribute (red text) applied to the template Diagnosis, Active datatype (black text):

```

<act classCode="ACT" moodCode="EVN" isCriterionInd="true" actionNegationInd="true">
<templateId root="2.16.840.1.113883.3.560.1.102"/>
<id root="2280gc19-1254-4a44-bb90-5ed6a33f0e88"/>
<code code="11450-4" displayName="Problem" codeSystem="2.16.840.1.113883.6.1"/>
<sourceOf typeCode="COMP">
<observation classCode="OBS" moodCode="EVN" isCriterionInd="true">
<code code="55607006" codeSystem="2.16.840.1.113883.6.96" displayName="Problem"/>
<title>Diagnosis, Active not done: ({valueSetName})</title>
<value xsi:type="CD" code="{valueSetOID}" codeSystem="2.16.840.1.113883.3.560.101.1"
displayName="{displayName}"/>
<sourceOf typeCode="REFR">
<observation classCode="OBS" moodCode="EVN" isCriterionInd="true">
<code code="33999-4" codeSystem="2.16.840.1.113883.6.1" displayName="Status"/>
<value xsi:type="CD" code="55561003" displayName="active" codeSystem="2.16.840.1.113883.6.96"/>
</observation>
</sourceOf>
<sourceOf typeCode="RSON">
<observation classCode="OBS" moodCode="EVN" isCriterionInd="true">
<code code="ASSERTION" codeSystem="2.16.840.1.113883.5.4"/>
<value xsi:type="CD" code="{valueSetOID}" codeSystem="2.16.840.1.113883.3.560.101.1"
displayName="{displayName}"/>
</observation>
</sourceOf>
</observation>

```

```
</sourceOf>
</act>
```

number

is present template: (template id: 2.16.840.1.113883.3.560.1.1011.1):

```
<sourceOf typeCode="REFR">
<observation classCode="OBS" moodCode="EVN" isCriterionInd="true">
<templateId root="2.16.840.1.113883.3.560.1.1011.1"/>
<code code="107651007" codeSystem="2.16.840.1.113883.6.96" codeSystemName="SNOMED-CT" displayName="number"/>
<value xsi:type="ANYNonNull"/>
</observation>
</sourceOf>
```

comparison template (template id: 2.16.840.1.113883.3.560.1.1011.3):

```
<sourceOf typeCode="REFR">
<observation classCode="OBS" moodCode="EVN" isCriterionInd="true">
<templateId root="2.16.840.1.113883.3.560.1.1011.3"/>
<code code="107651007" codeSystem="2.16.840.1.113883.6.96" codeSystemName="SNOMED-CT" displayName="number" />
<value xsi:type="IVL_PQ" >
<high value="10" inclusive="false"/>
</value>
</observation>
</sourceOf>
```

ordinality

is present template: (template id: 2.16.840.1.113883.3.560.1.1012.1):

```
<sourceOf typeCode="SUBJ">
<observation classCode="OBS" moodCode="EVN" isCriterionInd="true">
<templateId root="2.16.840.1.113883.3.560.1.1012.1"/>
<code code="117363000" codeSystem="2.16.840.1.113883.6.96" codeSystemName="SNOMED-CT"
displayName="ordinality"/>
<value xsi:type="ANYNonNull"/>
</observation>
</sourceOf>
```

valueset template (template id: 2.16.840.1.113883.3.560.1.1012.2):

```
<sourceOf typeCode="SUBJ">
<observation classCode="OBS" moodCode="EVN" isCriterionInd="true">
<templateId root="2.16.840.1.113883.3.560.1.1012.2"/>
<code code="117363000" codeSystem="2.16.840.1.113883.6.96" codeSystemName="SNOMED-CT" displayName="ordinality"
/>
<value xsi:type="CD" code="{valueSetOID}" codeSystem="2.16.840.1.113883.3.560.101.1"
displayName="{displayName}"/>
</observation>
</sourceOf>
```

patient preference

is present template: (template id: 2.16.840.1.113883.3.560.1.1013.1):

```
<sourceOf typeCode="RSON">
<observation classCode="OBS" moodCode="EVN" isCriterionInd="true">
<templateId root="2.16.840.1.113883.3.560.1.1013.1"/>
<code code="PAT" codeSystem="2.16.840.1.113883.5.8" codeSystemName="HL7 Act Accommodation Reason"
displayName="patient preference"/>
<value xsi:type="ANYNonNull"/>
</observation>
</sourceOf>
```

valueset template (template id: 2.16.840.1.113883.3.560.1.1013.2):

```
<sourceOf typeCode="RSON">
<observation classCode="OBS" moodCode="EVN" isCriterionInd="true">
<templateId root="2.16.840.1.113883.3.560.1.1013.2"/>
<code code="PAT" codeSystem="2.16.840.1.113883.5.8" codeSystemName="HL7 Act Accommodation Reason"
displayName="patient preference"/>
<value xsi:type="CD" code="{valueSetOID}" codeSystem="2.16.840.1.113883.3.560.101.1"
displayName="{displayName}"/>
</observation>
</sourceOf>
```

provider preference

is present template: (template id: 2.16.840.1.113883.3.560.1.1014.1):

```
<sourceOf typeCode="RSON">
<observation classCode="OBS" moodCode="EVN" isCriterionInd="true">
<templateId root="2.16.840.1.113883.3.560.1.1014.1"/>
<code code="103323008" codeSystem="2.16.840.1.113883.6.96" codeSystemName="SNOMED-CT" displayName="provider
preference"/>
<value xsi:type="ANYNonNull"/>
</observation>
</sourceOf>
```

valueset template (template id: 2.16.840.1.113883.3.560.1.1014.2):

```
<sourceOf typeCode="RSON">
<observation classCode="OBS" moodCode="EVN" isCriterionInd="true">
<templateId root="2.16.840.1.113883.3.560.1.1014.2"/>
<code code="103323008" codeSystem="2.16.840.1.113883.6.96" codeSystemName="SNOMED-CT" displayName="provider
preference"/>
<value xsi:type="CD" code="{valueSetOID}" codeSystem="2.16.840.1.113883.3.560.101.1"
displayName="{displayName}"/>
</observation>
</sourceOf>
```

radiation dosage

is present template: (template id: 2.16.840.1.113883.3.560.1.1015.1):

```
<sourceOf typeCode="REFR">
<observation classCode="OBS" moodCode="EVN" isCriterionInd="true">
<templateId root="2.16.840.1.113883.3.560.1.1015.1"/>
<code code="446996006" codeSystem="2.16.840.1.113883.6.96" codeSystemName="SNOMED-CT" displayName="radiation
dosage"/>
<value xsi:type="ANYNonNull"/>
</observation>
</sourceOf>
```

valueset template (template id: 2.16.840.1.113883.3.560.1.1015.2):

```
<sourceOf typeCode="REFR">
<observation classCode="OBS" moodCode="EVN" isCriterionInd="true">
<templateId root="2.16.840.1.113883.3.560.1.1015.2"/>
<code code="446996006" codeSystem="2.16.840.1.113883.6.96" codeSystemName="SNOMED-CT" displayName="radiation
dosage"/>
<value xsi:type="CD" code="{valueSetOID}" codeSystem="2.16.840.1.113883.3.560.101.1"
displayName="{displayName}"/>
</observation>
</sourceOf>
```

comparison template (template id: 2.16.840.1.113883.3.560.1.1015.3):

```
<sourceOf typeCode="REFR">
<observation classCode="OBS" moodCode="EVN" isCriterionInd="true">
<templateId root="2.16.840.1.113883.3.560.1.1015.3"/>
<code code="446996006" codeSystem="2.16.840.1.113883.6.96" codeSystemName="SNOMED-CT" displayName="radiation
dosage"/>
<value xsi:type="IVL_PQ" >
<high value="10" unit="g" inclusive="false"/>
</value>
</observation>
</sourceOf>
```

radiation duration

is present template: (template id: 2.16.840.1.113883.3.560.1.10005.1):

```
<sourceOf typeCode="SUBJ">
<observation classCode="OBS" moodCode="EVN" isCriterionInd="true">
<templateId root="2.16.840.1.113883.3.560.1.10005.1"/>
<code code="306751006" codeSystem="2.16.840.1.113883.6.96" displayName="radiation duration"/>
<value xsi:type="ANYNonNull"/>
</observation>
</sourceOf>
```

comparison template (template id: 2.16.840.1.113883.3.560.1.10005.3):

```
<sourceOf typeCode="SUBJ">
<observation classCode="OBS" moodCode="EVN" isCriterionInd="true">
<templateId root="2.16.840.1.113883.3.560.1.10005.3"/>
<code code="306751006" codeSystem="2.16.840.1.113883.6.96" codeSystemName="SNOMED-CT" displayName="radiation
duration"/>
<value xsi:type="IVL_PQ" >
<high value="0" unit="s" inclusive="false"/>
</value>
</observation>
</sourceOf>
```

reaction

is present template: (template id: 2.16.840.1.113883.3.560.1.1016.1):

```
<sourceOf typeCode="MFST" inversionInd="true">
<observation classCode="OBS" moodCode="EVN" isCriterionInd="true">
<templateId root="2.16.840.1.113883.3.560.1.1016.1"/>
<code code="263851003" codeSystem="2.16.840.1.113883.6.96" codeSystemName="SNOMED-CT" displayName="reaction"/>
<value xsi:type="ANYNonNull"/>
</observation>
</sourceOf>
```

valueset template (template id: 2.16.840.1.113883.3.560.1.1016.2):

```
<sourceOf typeCode="MFST" inversionInd="true">
<observation classCode="OBS" moodCode="EVN" isCriterionInd="true">
<templateId root="2.16.840.1.113883.3.560.1.1016.2"/>
<code code="263851003" codeSystem="2.16.840.1.113883.6.96" codeSystemName="SNOMED-CT" displayName="reaction"/>
```

```

<value xsi:type="CD" code="{valueSetOID}" codeSystem="2.16.840.1.113883.3.560.101.1"
displayName="{displayName}"/>
</observation>
</sourceOf>

```

reason

is present template: (template id: 2.16.840.1.113883.3.560.1.1017.1):

```

<sourceOf typeCode="REFR">
<observation classCode="OBS" moodCode="EVN" isCriterionInd="true">
<templateId root="2.16.840.1.113883.3.560.1.1017.1"/>
<code code="410666004" codeSystem="2.16.840.1.113883.6.96" codeSystemName="SNOMED-CT" displayName="reason"/>
<value xsi:type="ANYNonNull"/>
</observation>
</sourceOf>

```

valueset template (template id: 2.16.840.1.113883.3.560.1.1017.2):

```

<sourceOf typeCode="REFR">
<observation classCode="OBS" moodCode="EVN" isCriterionInd="true">
<templateId root="2.16.840.1.113883.3.560.1.1017.2"/>
<code code="410666004" codeSystem="2.16.840.1.113883.6.96" codeSystemName="SNOMED-CT" displayName="reason"/>
<value xsi:type="CD" code="{valueSetOID}" codeSystem="2.16.840.1.113883.3.560.101.1"
displayName="{displayName}"/>
</observation>
</sourceOf>

```

recorder

is present template: (template id: 2.16.840.1.113883.3.560.1.2000.1):

```

<sourceOf typeCode="SUBJ">
<observation classCode="OBS" moodCode="EVN" isCriterionInd="true">
<templateId root="2.16.840.1.113883.3.560.1.2000.1"/>
<code code="419358007" codeSystem="2.16.840.1.113883.6.96" displayName="Recorder"/>
<value xsi:type="ANYNonNull"/>
</observation>
</sourceOf>

```

valueset template (template id: 2.16.840.1.113883.3.560.1.2000.2):

```

<sourceOf typeCode="SUBJ">
<observation classCode="OBS" moodCode="EVN" isCriterionInd="true">
<templateId root="2.16.840.1.113883.3.560.1.2000.2"/>
<code code="419358007" codeSystem="2.16.840.1.113883.6.96" displayName="Recorder"/>
<value xsi:type="CD" code="{valueSetOID}" codeSystem="2.16.840.1.113883.3.560.101.1" displayName="{displayName}"/>
</observation>
</sourceOf>

```

refills

is present template: (template id: 2.16.840.1.113883.3.560.1.1018.1):

```

<sourceOf typeCode="REFR">
<observation classCode="OBS" moodCode="EVN" isCriterionInd="true">
<templateId root="2.16.840.1.113883.3.560.1.1018.1"/>
<code code="18623-9" codeSystem="2.16.840.1.113883.6.1" codeSystemName="SNOMED-CT" displayName="refills"/>
<value xsi:type="ANYNonNull"/>
</observation>
</sourceOf>

```

comparison template (template id: 2.16.840.1.113883.3.560.1.1018.3):

```

<sourceOf typeCode="REFR">
<observation classCode="OBS" moodCode="EVN" isCriterionInd="true">
<templateId root="2.16.840.1.113883.3.560.1.1018.3"/>
<code code="18623-9" codeSystem="2.16.840.1.113883.6.1" codeSystemName="LOINC" displayName="refills" />
<value xsi:type="IVL_PQ" >
<high value="1" inclusive="false"/>
</value>
</observation>
</sourceOf>

```

related to

valueset template (template id: 2.16.840.1.113883.3.560.1.1028.2):

```

<sourceOf typeCode="REFR">
<observation classCode="OBS" moodCode="EVN" isCriterionInd="true">
<templateId root="2.16.840.1.113883.3.560.1.1028.2"/>
<code code="REL" codeSystem="2.16.840.1.113883.1.11.11603" codeSystemName="HL7 Role Link Type"
displayName="related to" />
<value xsi:type="CD" code="{valueSetOID}" codeSystem="2.16.840.1.113883.3.560.101.1"
displayName="{displayName}"/>
</observation>
</sourceOf>

```

removal datetime

is present template: (template id: 2.16.840.1.113883.3.560.1.1032.1):

```
<sourceOf typeCode="REFR">
<observation classCode="OBS" moodCode="EVN" isCriterionInd="true">
<templateId root="2.16.840.1.113883.3.560.1.1032.1"/>
<code code="118292001" codeSystem="2.16.840.1.113883.6.96" codeSystemName="SNOMED-CT" displayName="removal">
<qualifier>
<name code="118575009" codeSystem="2.16.840.1.113883.6.96" codeSystemName="SNOMED-CT" displayName="datetime"/>
<value code="397898000" codeSystem="2.16.840.1.113883.6.96" codeSystemName="SNOMED-CT" displayName="stop
datetime"/>
</qualifier>
</code>
<value xsi:type="ANYNonNull"/>
</observation>
</sourceOf>
```

result

is present template: (template id: 2.16.840.1.113883.3.560.1.1019.1):

```
<sourceOf typeCode="REFR">
<observation classCode="OBS" moodCode="EVN" isCriterionInd="true">
<templateId root="2.16.840.1.113883.3.560.1.1019.1"/>
<code code="385676005" codeSystem="2.16.840.1.113883.6.96" codeSystemName="SNOMED-CT" displayName="Result
Value"/>
<value xsi:type="ANYNonNull"/>
</observation>
</sourceOf>
```

valueset template (template id: 2.16.840.1.113883.3.560.1.1019.2):

```
<sourceOf typeCode="REFR">
<observation classCode="OBS" moodCode="EVN" isCriterionInd="true">
<templateId root="2.16.840.1.113883.3.560.1.1019.2"/>
<code code="385676005" codeSystem="2.16.840.1.113883.6.96" codeSystemName="SNOMED-CT" displayName="result"/>
<value xsi:type="CD" code="{valueSetOID}" codeSystem="2.16.840.1.113883.3.560.101.1"
displayName="{displayName}"/>
</observation>
</sourceOf>
```

comparison template (template id: 2.16.840.1.113883.3.560.1.1019.3):

```
<sourceOf typeCode="REFR">
<observation classCode="OBS" moodCode="EVN" isCriterionInd="true">
<templateId root="2.16.840.1.113883.3.560.1.1019.3"/>
<code code="385676005" codeSystem="2.16.840.1.113883.6.96" codeSystemName="SNOMED-CT" displayName="result"/>
<value xsi:type="IVL_PQ" >
<high value="10" unit="mg/dL" inclusive="false"/>
</value>
</observation>
</sourceOf>
```

route

is present template: (template id: 2.16.840.1.113883.3.560.1.1020.1):

```
<sourceOf typeCode="REFR">
<observation classCode="OBS" moodCode="EVN" isCriterionInd="true">
<templateId root="2.16.840.1.113883.3.560.1.1020.1"/>
<code code="263513008" codeSystem="2.16.840.1.113883.6.96" codeSystemName="SNOMED-CT" displayName="route"/>
<value xsi:type="ANYNonNull"/>
</observation>
</sourceOf>
```

valueset template (template id: 2.16.840.1.113883.3.560.1.1020.2):

```
<sourceOf typeCode="REFR">
<observation classCode="OBS" moodCode="EVN" isCriterionInd="true">
<templateId root="2.16.840.1.113883.3.560.1.1020.2"/>
<code code="263513008" codeSystem="2.16.840.1.113883.6.96" codeSystemName="SNOMED-CT" displayName="route" />
<value xsi:type="CD" code="{valueSetOID}" codeSystem="2.16.840.1.113883.3.560.101.1"
displayName="{displayName}"/>
</observation>
</sourceOf>
```

severity

is present template: (template id: 2.16.840.1.113883.3.560.1.1021.1):

```
<sourceOf typeCode="SUBJ">
<observation classCode="OBS" moodCode="EVN" isCriterionInd="true">
<templateId root="2.16.840.1.113883.3.560.1.1021.1"/>
<code code="SEV" codeSystem="2.16.840.1.113883.5.4" codeSystemName="HL7 Act Code" displayName="severity" />
<value xsi:type="ANYNonNull"/>
</observation>
</sourceOf>
```

valueset template (template id: 2.16.840.1.113883.3.560.1.1021.2):

```
<sourceOf typeCode="SUBJ">
```

```

<observation classCode="OBS" moodCode="EVN" isCriterionInd="true">
<templateId root="2.16.840.1.113883.3.560.1.1021.2"/>
<code code="SEV" codeSystem="2.16.840.1.113883.5.4" codeSystemName="HL7 Act Code" displayName="severity" />
<value xsi:type="CD" code="{valueSetOID}" codeSystem="2.16.840.1.113883.3.560.101.1"
displayName="{displayName}"/>
</observation>
</sourceOf>

```

source

is present template: (template id: 2.16.840.1.113883.3.560.1.2001.1):

```

<sourceOf typeCode="SUBJ">
<observation classCode="OBS" moodCode="EVN" isCriterionInd="true">
<templateId root="2.16.840.1.113883.3.560.1.2001.1"/>
<code code="260753009" codeSystem="2.16.840.1.113883.6.96" displayName="Source"/>
<value xsi:type="ANYNonNull"/>
</observation>
</sourceOf>

```

valueset template (template id: 2.16.840.1.113883.3.560.1.2001.2):

```

<sourceOf typeCode="SUBJ">
<observation classCode="OBS" moodCode="EVN" isCriterionInd="true">
<templateId root="2.16.840.1.113883.3.560.1.2001.2"/>
<code code="260753009" codeSystem="2.16.840.1.113883.6.96" displayName="Source"/>
<value xsi:type="CD" code="{valueSetOID}" codeSystem="2.16.840.1.113883.3.560.101.1" displayName="{displayName}"/>
</observation>
</sourceOf>

```

start datetime

is present template: (template id: 2.16.840.1.113883.3.560.1.1027.1):

```

<sourceOf typeCode="REFR">
<observation classCode="OBS" moodCode="EVN" isCriterionInd="true">
<templateId root="2.16.840.1.113883.3.560.1.1027.1"/>
<code code="398201009" codeSystem="2.16.840.1.113883.6.96" codeSystemName="SNOMED-CT" displayName="start
datetime"/>
<value xsi:type="ANYNonNull"/>
</observation>
</sourceOf>

```

status

is present template: (template id: 2.16.840.1.113883.3.560.1.1022.1):

```

<sourceOf typeCode="REFR">
<observation classCode="OBS" moodCode="EVN" isCriterionInd="true">
<templateId root="2.16.840.1.113883.3.560.1.1022.1"/>
<code code="263490005" codeSystem="2.16.840.1.113883.6.96" codeSystemName="SNOMED-CT" displayName="status" />
<value xsi:type="ANYNonNull"/>
</observation>
</sourceOf>

```

valueset template (template id: 2.16.840.1.113883.3.560.1.1022.2):

```

<sourceOf typeCode="REFR">
<observation classCode="OBS" moodCode="EVN" isCriterionInd="true">
<templateId root="2.16.840.1.113883.3.560.1.1022.2"/>
<code code="263490005" codeSystem="2.16.840.1.113883.6.96" codeSystemName="SNOMED-CT" displayName="status" />
<value xsi:type="CD" code="{valueSetOID}" codeSystem="2.16.840.1.113883.3.560.101.1"
displayName="{displayName}"/>
</observation>
</sourceOf>

```

stop datetime

is present template: (template id: 2.16.840.1.113883.3.560.1.1026.1):

```

<sourceOf typeCode="REFR">
<observation classCode="OBS" moodCode="EVN" isCriterionInd="true">
<templateId root="2.16.840.1.113883.3.560.1.1026.1"/>
<code code="397898000" codeSystem="2.16.840.1.113883.6.96" codeSystemName="SNOMED-CT" displayName="stop
datetime"/>
<value xsi:type="ANYNonNull"/>
</observation>
</sourceOf>

```

time

is present template: (template id: 2.16.840.1.113883.3.560.1.1023.1):

```

<sourceOf typeCode="REFR">
<observation classCode="OBS" moodCode="EVN" isCriterionInd="true">
<templateId root="2.16.840.1.113883.3.560.1.1023.1"/>
<code code="410669006" codeSystem="2.16.840.1.113883.6.96" codeSystemName="SNOMED-CT" displayName="Time"/>
<value xsi:type="ANYNonNull"/>
</observation>

```

</sourceOf>