HQMF Templates for QDM December 2013

Care Experience

Patient Care Experience

hqmf r1 template - 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>
```

Provider Care Experience

hqmf r1 template - 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>
```

Care Goal

Care Goal

hqmf r1 template - 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

Communication: From Patient to Provider

hqmf r1 template - 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

hqmf r1 template - 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" />
<patientParticipant classCode="PAT"/>             </participant>
</act>      </sourceOf> </act>
```

Communication: From Provider to Provider

hqmf r1 template - 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">        <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>
```

Condition/Diagnosis/Problem

Diagnosis, Active

hqmf r1 template - 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, Resolved

hqmf r1 template - 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>
```

Diagnosis, Family History

hqmf r1 template - 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>      <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

hqmf r1 template - 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>
```

Device

Device, Applied

hqmf r1 template - 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, Recommended

hqmf r1 template - 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>
```

Device, Adverse Event

hqmf r1 template - 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

hqmf r1 template - 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, Order

hqmf r1 template - 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, Intolerance

hqmf r1 template - 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>    <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>
```

Diagnostic Study

Diagnostic Study, Recommended

hqmf r1 template - 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

hqmf r1 template - 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>
```

Diagnostic Study, Performed

hqmf r1 template - 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, Order

hqmf r1 template - 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, Intolerance

hqmf r1 template - 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>    <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, Adverse Event

hqmf r1 template - 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>
```

Encounter

Encounter, Active

hqmf r1 template - 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, Performed

hqmf r1 template - 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

hqmf r1 template - 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>
```

Encounter, Order

hqmf r1 template - 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>
```

Functional Status

Functional Status, Recommended

hqmf r1 template - 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, Performed

hqmf r1 template - 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>
```

Functional Status, Order

hqmf r1 template - 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, Result

hqmf r1 template - 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>
```

Individual Characteristic

Patient Characteristic Payer

hqmf r1 template - 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 Ethnicity

hqmf r1 template - 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 Birth Date

hqmf r1 template - 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

hqmf r1 template - 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 Race

hqmf r1 template - 2.16.840.1.113883.3.560.1.406

```
<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 Expired

hqmf r1 template - 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>
```

Provider Characteristic

hqmf r1 template - 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>
```

Patient Characteristic Sex

hqmf r1 template - 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>
```

Patient Characteristic Clinical Trial Participant

hqmf r1 template - 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>
```

Intervention

Intervention, Recommended

hqmf r1 template - 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, Performed

hqmf r1 template - 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, Result

hqmf r1 template - 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>
```

Intervention, Adverse Event

hqmf r1 template - 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, Order

hqmf r1 template - 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, Intolerance

hqmf r1 template - 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>
```

Laboratory Test

Laboratory Test, Performed

hqmf r1 template -

Laboratory Test, Intolerance

hqmf r1 template - 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">
<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

hqmf r1 template - 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, Result

hqmf r1 template - 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>
```

Laboratory Test, Recommended

hqmf r1 template - 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, Adverse Event

hqmf r1 template - 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>
```

Medication

Medication, Discharge

hqmf r1 template - 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

hqmf r1 template - 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, Allergy

hqmf r1 template - 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, Active

hqmf r1 template - 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, Adverse Effects

hqmf r1 template - 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, Order

hqmf r1 template - 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>
```

Medication, Administered

hqmf r1 template - 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, Intolerance

hqmf r1 template - 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>
```

Physical Exam

Physical Exam, Order

hqmf r1 template - 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, Finding

hqmf r1 template - 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, Recommended

hqmf r1 template - 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>
```

Physical Exam, Performed

hqmf r1 template - 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>
```

Procedure

Procedure, Adverse Event

hqmf r1 template - 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>
```

Risk Category / Assessment

Risk Category / Assessment

hqmf r1 template - 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

Substance, Administered

hqmf r1 template - 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, Allergy

hqmf r1 template - 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, Recommended

hqmf r1 template - 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>
```

Substance, Intolerance

hqmf r1 template - 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, Adverse Event

hqmf r1 template - 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, Order

hqmf r1 template - 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>
```

Symptom

Symptom, Active

hqmf r1 template - 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, Inactive

hqmf r1 template - 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

hqmf r1 template - 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>
```

Symptom, Assessed

hqmf r1 template - 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>
```

System Characteristic

System Characteristic

hqmf r1 template - 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 of Care

Transfer To

hqmf r1 template - 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>
```

Transfer From

hqmf r1 template - 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>
```

- cumulative medication duration

hqmf r1 is present template - 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>
```

hqmf r1 valueset template - 2.16.840.1.113883.3.560.1.1033.2

```
N/A
```

hqmf r1 comparison template - 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>
```

- discharge datetime

hqmf r1 is present template - 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>
```

hqmf r1 valueset template - 2.16.840.1.113883.3.560.1.1025.2

```
N/A
```

hqmf r1 comparison template - 2.16.840.1.113883.3.560.1.1025.3

```
N/A
```

- laterality

hqmf r1 is present template - 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>
```

hqmf r1 valueset template - 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>
```

hqmf r1 comparison template - 2.16.840.1.113883.3.560.1.1008.3

```
N/A
```

- negation rationale

hqmf r1 is present template - .1

```
N/A
```

hqmf r1 valueset template - .2

```
<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>
```

hqmf r1 comparison template - .3

```
N/A
```

- number

hqmf r1 is present template - 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>
```

hqmf r1 valueset template - 2.16.840.1.113883.3.560.1.1011.2

```
N/A
```

hqmf r1 comparison template - 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>
```

- anatomical location site

hqmf r1 is present template - 2.16.840.1.113883.3.560.1.3000.1

```
<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>
```

hqmf r1 valueset template - 2.16.840.1.113883.3.560.1.3000.2

```
<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>
```

hqmf r1 comparison template - 2.16.840.1.113883.3.560.1.3000.3

```
N/A
```

- anatomical focus site

hqmf r1 is present template - 2.16.840.1.113883.3.560.1.3001.1

```
<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>
```

hqmf r1 valueset template - 2.16.840.1.113883.3.560.1.3001.2

```
<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>
```

hqmf r1 comparison template - 2.16.840.1.113883.3.560.1.3001.3

```
N/A
```

- dose

hqmf r1 is present template - 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>
```

hqmf r1 valueset template - 2.16.840.1.113883.3.560.1.1004.2

```
N/A
```

hqmf r1 comparison template - 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>
```

- date

hqmf r1 is present template - 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>
```

hqmf r1 valueset template - 2.16.840.1.113883.3.560.1.1002.2

```
N/A
```

hqmf r1 comparison template - 2.16.840.1.113883.3.560.1.1002.3

```
N/A
```

- stop datetime

hqmf r1 is present template - 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>
```

hqmf r1 valueset template - 2.16.840.1.113883.3.560.1.1026.2

```
N/A
```

hqmf r1 comparison template - 2.16.840.1.113883.3.560.1.1026.3

```
N/A
```

- frequency

hqmf r1 is present template - 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>
```

hqmf r1 valueset template - 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>
```

hqmf r1 comparison template - 2.16.840.1.113883.3.560.1.1006.3

```
N/A
```

- result

hqmf r1 is present template - 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>
```

hqmf r1 valueset template - 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>
```

hqmf r1 comparison template - 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>
```

- patient preference

hqmf r1 is present template - 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 Acommodation
Reason"" displayName="""patient preference"""/> <value
xsi:type="""ANYNonNull"""/> </observation> </sourceOf>
```

hqmf r1 valueset template - 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 Acommodation
Reason"" displayName="""patient preference"""/> <value xsi:type="""CD""
code=""{$valueSetOID}"" codeSystem="""2.16.840.1.113883.3.560.101.1""
displayName=""{$displayName}"""/> </observation> </sourceOf>
```

hqmf r1 comparison template - 2.16.840.1.113883.3.560.1.1013.3

N/A

- refills

hqmf r1 is present template - 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>
```

hqmf r1 valueset template - 2.16.840.1.113883.3.560.1.1018.2

N/A

hqmf r1 comparison template - 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>
```

- facility location arrival datetime

hqmf r1 is present template - 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>
```

hqmf r1 valueset template - 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>
```

hqmf r1 comparison template - 2.16.840.1.113883.3.560.1.1035.3

```
N/A
```

- severity

hqmf r1 is present template - 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>
```

hqmf r1 valueset template - 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>
```

hqmf r1 comparison template - 2.16.840.1.113883.3.560.1.1021.3

```
N/A
```

- discharge status

hqmf r1 is present template - 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>
```

hqmf r1 valueset template - 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>
```

hqmf r1 comparison template - 2.16.840.1.113883.3.560.1.1003.3

```
N/A
```

- environment

hqmf r1 is present template - 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>
```

hqmf r1 valueset template - 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>
```

hqmf r1 comparison template - 2.16.840.1.113883.3.560.1.1005.3

```
N/A
```

- facility location

hqmf r1 is present template - 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>
```

hqmf r1 valueset template - 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>
```

hqmf r1 comparison template - 2.16.840.1.113883.3.560.1.1034.3

```
N/A
```

- radiation duration

hqmf r1 is present template - 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>
```

hqmf r1 valueset template - 2.16.840.1.113883.3.560.1.10005.2

```
N/A
```

hqmf r1 comparison template - 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>
```

- method

hqmf r1 is present template - 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>
```

hqmf r1 valueset template - 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>
```

hqmf r1 comparison template - 2.16.840.1.113883.3.560.1.1009.3

```
N/A
```

- status

hqmf r1 is present template - 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>
```

hqmf r1 valueset template - 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>
```

hqmf r1 comparison template - 2.16.840.1.113883.3.560.1.1022.3

```
N/A
```

- time

hqmf r1 is present template - 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>
```

hqmf r1 valueset template - 2.16.840.1.113883.3.560.1.1023.2

```
N/A
```

hqmf r1 comparison template - 2.16.840.1.113883.3.560.1.1023.3

```
N/A
```

- start datetime

hqmf r1 is present template - 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>
```

hqmf r1 valueset template - 2.16.840.1.113883.3.560.1.1027.2

```
N/A
```

hqmf r1 comparison template - 2.16.840.1.113883.3.560.1.1027.3

```
N/A
```

- reason

hqmf r1 is present template - 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>
```

hqmf r1 valueset template - 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>
```

hqmf r1 comparison template - 2.16.840.1.113883.3.560.1.1017.3

```
N/A
```

- length of stay

hqmf r1 is present template - 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>
```

hqmf r1 valueset template - 2.16.840.1.113883.3.560.1.1029.2

```
N/A
```

hqmf r1 comparison template - 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>
```

- admission datetime

hqmf r1 is present template - 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>
```

hqmf r1 valueset template - 2.16.840.1.113883.3.560.1.1024.2

```
N/A
```

hqmf r1 comparison template - 2.16.840.1.113883.3.560.1.1024.3

```
N/A
```

- radiation dosage

hqmf r1 is present template - 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>
```

hqmf r1 valueset template - 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>
```

hqmf r1 comparison template - 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>
```

- provider preference

hqmf r1 is present template - 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>
```

hqmf r1 valueset template - 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>
```

hqmf r1 comparison template - 2.16.840.1.113883.3.560.1.1014.3

N/A

- reaction

hqmf r1 is present template - 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>
```

hqmf r1 valueset template - 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>
```

hqmf r1 comparison template - 2.16.840.1.113883.3.560.1.1016.3

N/A

- incision datetime

hqmf r1 is present template - 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>
```

hqmf r1 valueset template - 2.16.840.1.113883.3.560.1.1007.2

```
N/A
```

hqmf r1 comparison template - 2.16.840.1.113883.3.560.1.1007.3

```
N/A
```

- related to

hqmf r1 is present template - 2.16.840.1.113883.3.560.1.1028.1

```
N/A
```

hqmf r1 valueset template - 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>
```

hqmf r1 comparison template - 2.16.840.1.113883.3.560.1.1028.3

```
N/A
```

- removal datetime

hqmf r1 is present template - 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>
```

hqmf r1 valueset template - 2.16.840.1.113883.3.560.1.1032.2

```
N/A
```

hqmf r1 comparison template - 2.16.840.1.113883.3.560.1.1032.3

```
N/A
```

- ordinality

hqmf r1 is present template - 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>
```

hqmf r1 valueset template - 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>
```

hqmf r1 comparison template - 2.16.840.1.113883.3.560.1.1012.3

```
N/A
```

- facility location departure datetime

hqmf r1 is present template - 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>
```

hqmf r1 valueset template - 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>
```

hqmf r1 comparison template - 2.16.840.1.113883.3.560.1.1036.3

```
N/A
```

- route

hqmf r1 is present template - 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>
```

hqmf r1 valueset template - 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>
```

hqmf r1 comparison template - 2.16.840.1.113883.3.560.1.1020.3