```xml
<?xml version="1.0" encoding="utf-8"?>

<?xml-stylesheet type="text/xsl" href="CDA.xsl"?>

<!--

Title:      Continuity of Care Document (CCD)

Filename:   C-CDA_R2_CCD.xml

Created by:  Lantana Consulting Group, LLC


$LastChangedDate: 2014-11-12 23:25:09 -0500 (Wed, 12 Nov 2014) $


********************

 Disclaimer: This sample file contains representative data elements to represent a Continuity of Care Document (CCD).

 The file depicts a fictional character's health data. Any resemblance to a real person is coincidental.

 To illustrate as many data elements as possible, the clinical scenario may not be plausible.

 The data in this sample file is not intended to represent real patients, people or clinical events.

 This sample is designed to be used in conjunction with the C-CDA Clinical Notes Implementation Guide.

 ********************

 -->

<ClinicalDocument xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xmlns="urn:hl7-org:v3"

 xmlns:voc="urn:hl7-org:v3/voc" xmlns:sdtc="urn:hl7-org:sdtc">

 <realmCode code="US" />

 <typeId extension="POCD_HD000040" root="2.16.840.1.113883.1.3" />

 <!-- CCD template ID-->
```

```xml
<templateId root="2.16.840.1.113883.10.20.22.1.2" extension="2014-06-09" />
<!-- Globally unique identifier for the document  -->
<id extension="TT988" root="2.16.840.1.113883.19.5.99999.1" />
<code code="34133-9" displayName="Summary of episode note" codeSystem="2.16.840.1.113883.6.1"
  codeSystemName="LOINC" />
<!-- Title of this document -->
<title>Patient Chart Summary</title>
<effectiveTime value="201308151030-0800" />
<confidentialityCode code="N" displayName="normal" codeSystem="2.16.840.1.113883.5.25"
  codeSystemName="Confidentiality" />
<languageCode code="en-US" />
<setId extension="sTT988" root="2.16.840.1.113883.19.5.99999.19" />
<!-- Version of this document -->
<versionNumber value="1" />
<recordTarget>
 <patientRole>
  <id extension="444222222" root="2.16.840.1.113883.4.1" />
  <!-- Example Social Security Number using the actual SSN OID. -->
  <addr use="HP">
   <!-- HP is "primary home" from codeSystem 2.16.840.1.113883.5.1119 -->
   <streetAddressLine>2222 Home Street</streetAddressLine>
   <city>Beaverton</city>
   <state>OR</state>
   <postalCode>97867</postalCode>
   <country>US</country>
```

```xml
<!-- US is "United States" from ISO 3166-1 Country Codes: 1.0.3166.1 -->
</addr>
<telecom value="tel:+1(555)555-2003" use="HP" />
<!-- HP is "primary home" from HL7 AddressUse 2.16.840.1.113883.5.1119 -->
<patient>
 <!-- The first name element represents what the patient is known as -->
 <name use="L">
  <given>Bruce</given>
   <!-- The "SP" is "Spouse" from HL7 Code System EntityNamePartQualifier
2.16.840.1.113883.5.43 -->
   <family qualifier="SP">Banner</family>
  </name>
   <!-- The second name element represents another name associated with the patient --
>
   <name use="SRCH">
   <given>Eve</given>
    <!-- The "BR" is "Birth" from HL7 Code System EntityNamePartQualifier
2.16.840.1.113883.5.43 -->
    <family qualifier="BR">Everywoman</family>
   </name>
   <administrativeGenderCode code="M" displayName="Male"
codeSystem="2.16.840.1.113883.5.1"
    codeSystemName="AdministrativeGender" />
   <!-- Date of birth need only be precise to the day -->
   <birthTime value="19580501" />
   <maritalStatusCode code="M" displayName="Married"
codeSystem="2.16.840.1.113883.5.2"
```

```xml
                    codeSystemName="MaritalStatusCode" />
    <religiousAffiliationCode code="1013" displayName="Christian (non-Catholic, non-specific)"
        codeSystem="2.16.840.1.113883.5.1076" codeSystemName="HL7 Religious Affiliation" />
    <!-- CDC Race and Ethnicity code set contains the five minimum race and ethnicity
                            categories defined by OMB Standards -->
    <raceCode code="2106-3" displayName="White" codeSystem="2.16.840.1.113883.6.238"
        codeSystemName="Race &amp; Ethnicity - CDC" />
    <!-- The raceCode extension is only used if raceCode is valued -->
    <sdtc:raceCode code="2076-8" displayName="Native Hawaiian or Other Pacific Islander"
        codeSystem="2.16.840.1.113883.6.238" codeSystemName="Race &amp; Ethnicity - CDC" />
    <ethnicGroupCode code="2186-5" displayName="Not Hispanic or Latino" codeSystem="2.16.840.1.113883.6.238"
        codeSystemName="Race &amp; Ethnicity - CDC" />
    <guardian>
     <code code="POWATT" displayName="Power of Attorney" codeSystem="2.16.840.1.113883.1.11.19830"
         codeSystemName="ResponsibleParty" />
     <addr use="HP">
      <streetAddressLine>2222 Home Street</streetAddressLine>
      <city>Beaverton</city>
      <state>OR</state>
      <postalCode>97867</postalCode>
      <country>US</country>
```

```xml
        </addr>
        <telecom value="tel:+1(555)555-2008" use="MC" />
        <guardianPerson>
          <name>
            <given>Boris</given>
            <given qualifier="CL">Bo</given>
            <family>Betterhalf</family>
          </name>
        </guardianPerson>
      </guardian>
      <birthplace>
        <place>
          <addr>
            <streetAddressLine>4444 Home Street</streetAddressLine>
            <city>Beaverton</city>
            <state>OR</state>
            <postalCode>97867</postalCode>
            <country>US</country>
          </addr>
        </place>
      </birthplace>
      <languageCommunication>
        <languageCode code="en" />
        <!-- "en" is ISO 639-1 alpha-2 code for "English" -->
        <modeCode code="ESP" displayName="Expressed spoken"
codeSystem="2.16.840.1.113883.5.60"
```

```xml
            codeSystemName="LanguageAbilityMode" />

            <proficiencyLevelCode code="G" displayName="Good"
codeSystem="2.16.840.1.113883.5.61"

                codeSystemName="LanguageAbilityProficiency" />

            <!-- Patient's preferred language -->

            <preferenceInd value="true" />

        </languageCommunication>

    </patient>

    <providerOrganization>

        <id extension="219BX" root="2.16.840.1.113883.4.6" />

        <name>The DoctorsTogether Physician Group</name>

        <telecom use="WP" value="tel: +1(555)555-5000" />

        <addr>

            <streetAddressLine>1007 Health Drive</streetAddressLine>

            <city>Portland</city>

            <state>OR</state>

            <postalCode>99123</postalCode>

            <country>US</country>

        </addr>

    </providerOrganization>

    </patientRole>

</recordTarget>

<!-- The author represents the person who provides the content in the document -->

<author>

    <time value="201308151030-0800" />

    <assignedAuthor>
```

```xml
<id extension="5555555555" root="2.16.840.1.113883.4.6" />
<code code="207QA0505X" displayName="Allopathic &amp; Osteopathic Physicians; Family Medicine, Adult Medicine" codeSystem="2.16.840.1.113883.6.101"
    codeSystemName="Healthcare Provider Taxonomy (HIPAA)" />
<addr>
  <streetAddressLine>1004 Healthcare Drive </streetAddressLine>
  <city>Portland</city>
  <state>OR</state>
  <postalCode>99123</postalCode>
  <country>US</country>
</addr>
<telecom use="WP" value="tel:+1(555)555-1004" />
<assignedPerson>
  <name>
    <given>Patricia</given>
    <given qualifier="CL">Patty</given>
    <family>Primary</family>
    <suffix qualifier="AC">M.D.</suffix>
  </name>
</assignedPerson>
</assignedAuthor>
</author>
<!-- The dataEnterer transferred the content created by the author into the document -->
<dataEnterer>
  <assignedEntity>
    <id extension="333777777" root="2.16.840.1.113883.4.6" />
```

```xml
    <addr>
      <streetAddressLine>1007 Healthcare Drive</streetAddressLine>
      <city>Portland</city>
      <state>OR</state>
      <postalCode>99123</postalCode>
      <country>US</country>
    </addr>
    <telecom use="WP" value="tel:+1(555)555-1050" />
    <assignedPerson>
      <name>
        <given>Ellen</given>
        <family>Enter</family>
      </name>
    </assignedPerson>
  </assignedEntity>
</dataEnterer>
<!-- The informant represents any sources of information for document content -->
<informant>
  <assignedEntity>
    <id extension="888888888" root="2.16.840.1.113883.4.6" />
    <addr>
      <streetAddressLine>1007 Healthcare Drive</streetAddressLine>
      <city>Portland</city>
      <state>OR</state>
      <postalCode>99123</postalCode>
      <country>US</country>
```

```xml
      </addr>
      <telecom use="WP" value="tel:+1(555)555-1003" />
      <assignedPerson>
       <name>
        <given>Harold</given>
        <family>Hippocrates</family>
        <suffix qualifier="AC">M.D.</suffix>
       </name>
      </assignedPerson>
      <representedOrganization>
       <name>The DoctorsApart Physician Group</name>
      </representedOrganization>
     </assignedEntity>
    </informant>
    <informant>
     <assignedEntity>
      <id extension="222223333" root="2.16.840.1.113883.4.6" />
      <addr>
       <streetAddressLine>1025 Health Drive</streetAddressLine>
       <city>Portland</city>
       <state>OR</state>
       <postalCode>99123</postalCode>
       <country>US</country>
      </addr>
      <telecom use="WP" value="tel:+1(555)555-1025" />
      <assignedPerson>
```

```xml
        <name>
         <given>Ramsey</given>
         <family>Reaction</family>
         <suffix qualifier="AC">M.D.</suffix>
        </name>
      </assignedPerson>
      <representedOrganization>
        <name>The DoctorsApart Physician Group</name>
      </representedOrganization>
    </assignedEntity>
  </informant>
  <informant>
    <assignedEntity>
      <id extension="333444444" root="2.16.840.1.113883.4.6" />
      <addr>
        <streetAddressLine>1017 Health Drive</streetAddressLine>
        <city>Portland</city>
        <state>OR</state>
        <postalCode>99123</postalCode>
        <country>US</country>
      </addr>
      <telecom use="WP" value="tel:+1(555)555-1017" />
      <assignedPerson>
        <name>
         <given>William</given>
         <given qualifier="CL">Bill</given>
```

```xml
      <family>Beaker</family>
     </name>
    </assignedPerson>
    <representedOrganization>
     <name>Good Health Laboratory</name>
    </representedOrganization>
   </assignedEntity>
  </informant>
  <informant>
   <assignedEntity>
    <id extension="333222222" root="2.16.840.1.113883.4.6" />
    <addr>
     <streetAddressLine>1016 Health Drive</streetAddressLine>
     <city>Portland</city>
     <state>OR</state>
     <postalCode>99123</postalCode>
     <country>US</country>
    </addr>
    <telecom use="WP" value="tel:+1(555)555-1016" />
    <assignedPerson>
     <name>
      <given>Susan</given>
      <family>Script</family>
      <suffix qualifier="AC">Pharm.D.</suffix>
     </name>
    </assignedPerson>
```

```xml
    <representedOrganization>

     <name>People's Pharmacy</name>

    </representedOrganization>

   </assignedEntity>

 </informant>

 <informant>

  <assignedEntity>

   <id extension="222334444" root="2.16.840.1.113883.4.6" />

   <addr>

    <streetAddressLine>1027 Health Drive</streetAddressLine>

    <city>Portland</city>

    <state>OR</state>

    <postalCode>99123</postalCode>

    <country>US</country>

   </addr>

   <telecom use="WP" value="tel:+1(555)555-1027" />

   <assignedPerson>

    <name>

     <given>Patrick</given>

     <family>Pump</family>

     <suffix qualifier="AC">M.D.</suffix>

    </name>

   </assignedPerson>

   <representedOrganization>

    <name>The DoctorsApart Physician Group</name>

   </representedOrganization>
```

```xml
      </assignedEntity>
    </informant>
    <informant>
      <relatedEntity classCode="PRS">
        <!-- classCode "PRS" represents a person with personal relationship with the patient -->
        <code code="SPS" displayName="SPOUSE"
codeSystem="2.16.840.1.113883.1.11.19563"
          codeSystemName="Personal Relationship Role Type Value Set" />
        <relatedPerson>
          <name>
            <given>Boris</given>
            <given qualifier="CL">Bo</given>
            <family>Betterhalf</family>
          </name>
        </relatedPerson>
      </relatedEntity>
    </informant>
    <!-- The custodian represents the organization charged with maintaining the original
source document -->
    <custodian>
      <assignedCustodian>
        <representedCustodianOrganization>
          <id extension="321CX" root="2.16.840.1.113883.4.6" />
          <name>Good Health HIE</name>
          <telecom use="WP" value="tel:+1(555)555-1009" />
          <addr use="WP">
            <streetAddressLine>1009 Healthcare Drive </streetAddressLine>
```

```xml
        <city>Portland</city>
        <state>OR</state>
        <postalCode>99123</postalCode>
        <country>US</country>
      </addr>
    </representedCustodianOrganization>
  </assignedCustodian>
</custodian>
<!-- The informationRecipient represents the intended recipient of the document -->
<informationRecipient>
  <intendedRecipient>
    <informationRecipient>
      <name>
        <given>Sara</given>
        <family>Specialize</family>
        <suffix qualifier="AC">M.D.</suffix>
      </name>
    </informationRecipient>
    <receivedOrganization>
      <name>The DoctorsApart Physician Group</name>
    </receivedOrganization>
  </intendedRecipient>
</informationRecipient>
<!-- The legalAuthenticator represents the individual who is responsible for the document
-->
<legalAuthenticator>
```

```xml
      <time value="20130815223615-0800" />
      <signatureCode code="S" />
      <assignedEntity>
        <id extension="5555555555" root="2.16.840.1.113883.4.6" />
        <code code="207QA0505X" displayName="Allopathic &amp; Osteopathic Physicians;
Family Medicine, Adult Medicine" codeSystem="2.16.840.1.113883.6.101"
          codeSystemName="Healthcare Provider Taxonomy (HIPAA)" />
        <addr>
          <streetAddressLine>1004 Healthcare Drive </streetAddressLine>
          <city>Portland</city>
          <state>OR</state>
          <postalCode>99123</postalCode>
          <country>US</country>
        </addr>
        <telecom use="WP" value="tel:+1(555)555-1004" />
        <assignedPerson>
          <name>
            <given>Patricia</given>
            <given qualifier="CL">Patty</given>
            <family>Primary</family>
            <suffix qualifier="AC">M.D.</suffix>
          </name>
        </assignedPerson>
      </assignedEntity>
    </legalAuthenticator>
    <!-- The authenticator represents the individual attesting to the accuracy of information in
the document-->
```

```xml
<authenticator>
  <time value="20130815221545-0800" />
  <signatureCode code="S" />
  <assignedEntity>
    <id extension="5555555555" root="2.16.840.1.113883.4.6" />
    <code code="207QA0505X" displayName="Allopathic &amp; Osteopathic Physicians;
Family Medicine, Adult Medicine" codeSystem="2.16.840.1.113883.6.101"
      codeSystemName="Healthcare Provider Taxonomy (HIPAA)" />
    <addr>
      <streetAddressLine>1004 Healthcare Drive </streetAddressLine>
      <city>Portland</city>
      <state>OR</state>
      <postalCode>99123</postalCode>
      <country>US</country>
    </addr>
    <telecom use="WP" value="tel:+1(555)555-1004" />
    <assignedPerson>
      <name>
        <given>Patricia</given>
        <given qualifier="CL">Patty</given>
        <family>Primary</family>
        <suffix qualifier="AC">M.D.</suffix>
      </name>
    </assignedPerson>
  </assignedEntity>
</authenticator>
```

```xml
<!-- The participant represents supporting entities -->
<participant typeCode="IND">
  <!-- typeCode "IND" represents an individual -->
  <associatedEntity classCode="NOK">
    <!-- classCode "NOK" represents the patient's next of kin-->
    <addr use="HP">
      <streetAddressLine>2222 Home Street</streetAddressLine>
      <city>Beaverton</city>
      <state>OR</state>
      <postalCode>97867</postalCode>
      <country>US</country>
    </addr>
    <telecom value="tel:+1(555)555-2008" use="MC" />
    <associatedPerson>
      <name>
        <given>Boris</given>
        <given qualifier="CL">Bo</given>
        <family>Betterhalf</family>
      </name>
    </associatedPerson>
  </associatedEntity>
</participant>
<!-- Entities playing multiple roles are recorded in multiple participants -->
<participant typeCode="IND">
  <associatedEntity classCode="ECON">
    <!-- classCode "ECON" represents an emergency contact -->
```

```xml
    <addr use="HP">
     <streetAddressLine>2222 Home Street</streetAddressLine>
     <city>Beaverton</city>
     <state>OR</state>
     <postalCode>97867</postalCode>
     <country>US</country>
    </addr>
    <telecom value="tel:+1(555)555-2008" use="MC" />
    <associatedPerson>
     <name>
      <given>Boris</given>
      <given qualifier="CL">Bo</given>
      <family>Betterhalf</family>
     </name>
    </associatedPerson>
   </associatedEntity>
  </participant>
  <documentationOf>
   <serviceEvent classCode="PCPR">
    <!-- The effectiveTime reflects the provision of care summarized in the document.
                             In this scenario, the provision of care summarized is the
lifetime for the patient -->
    <effectiveTime>
     <low value="19580501" />
     <!-- The low value represents when the summarized provision of care began.
                              In this scenario, the patient's date of birth -->
```

```xml
<high value="20130815" />
<!-- The high value represents when the summarized provision of care being ended.
                              In this scenario, when chart summary was created -->
</effectiveTime>
<performer typeCode="PRF">
<functionCode code="PCP" codeSystem="2.16.840.1.113883.5.88" codeSystemName="ParticipationFunction"
  displayName="primary care physician">
<originalText>Primary Care Provider</originalText>
</functionCode>
<assignedEntity>
<id extension="5555555555" root="2.16.840.1.113883.4.6" />
<code code="207QA0505X" displayName="Allopathic &amp; Osteopathic Physicians;
Family Medicine, Adult Medicine" codeSystem="2.16.840.1.113883.6.101"
  codeSystemName="Healthcare Provider Taxonomy (HIPAA)" />
<addr>
<streetAddressLine>1004 Healthcare Drive </streetAddressLine>
<city>Portland</city>
<state>OR</state>
<postalCode>99123</postalCode>
<country>US</country>
</addr>
<telecom use="WP" value="tel:+1(555)555-1004" />
<assignedPerson>
<name>
<given>Patricia</given>
<given qualifier="CL">Patty</given>
```

```xml
        <family>Primary</family>
        <suffix qualifier="AC">M.D.</suffix>
       </name>
      </assignedPerson>
      <representedOrganization>
       <id extension="219BX" root="1.2.16.840.1.113883.4.6" />
       <name>The DoctorsTogether Physician Group</name>
       <telecom use="WP" value="tel: +1(555)555-5000" />
       <addr>
        <streetAddressLine>1004 Health Drive</streetAddressLine>
        <city>Portland</city>
        <state>OR</state>
        <postalCode>99123</postalCode>
        <country>US</country>
       </addr>
      </representedOrganization>
     </assignedEntity>
    </performer>
   </serviceEvent>
  </documentationOf>
  <!-- ******************* CDA Body ******************* -->
  <component>
   <structuredBody>
    <!-- ******** FAMILY HISTORY ********* -->
    <component>
     <section>
```

```xml
<templateId root="2.16.840.1.113883.10.20.22.2.15" extension="2014-06-09" />

<code code="10157-6" codeSystem="2.16.840.1.113883.6.1"
codeSystemName="LOINC" />

<title>FAMILY HISTORY</title>

<text>
 <paragraph>Father</paragraph>
 <table border="1" width="100%">
  <thead>
   <tr>
    <th>Diagnosis</th>
    <th>Age At Onset</th>
   </tr>
  </thead>
  <tbody>
   <tr>
    <td>Hypertension</td>
    <td>Unspecified</td>
   </tr>
   <tr>
    <td>Diabetes Mellitus</td>
    <td>Unspecified</td>
   </tr>
  </tbody>
 </table>
</text>

<entry typeCode="DRIV">
```

```xml
<organizer moodCode="EVN" classCode="CLUSTER">
 <templateId root="2.16.840.1.113883.10.20.22.4.45" extension="2014-06-09" />
 <statusCode code="completed" />
 <subject>
  <relatedSubject classCode="PRS">
   <code code="FTH" displayName="father"
codeSystemName="FamilyRelationshipRoleType"
codeSystem="2.16.840.1.113883.5.111">
    <translation code="9947008" displayName="Biological father"
codeSystemName="SNOMED" codeSystem="2.16.840.1.113883.6.96" />
   </code>
   <subject>
    <administrativeGenderCode code="M" codeSystem="2.16.840.1.113883.1.11.1"
displayName="Male" />
    <birthTime value="Unspecified" />
   </subject>
  </relatedSubject>
 </subject>
 <component>
  <observation classCode="OBS" moodCode="EVN">
   <templateId root="2.16.840.1.113883.10.20.22.4.46" extension="2014-06-09" />
   <code code="75323-6" codeSystem="2.16.840.1.113883.6.1"
codeSystemName="LOINC" displayName="Condition" />
   <statusCode code="completed" />
   <value xsi:type="CD" code="59621000" codeSystem="2.16.840.1.113883.6.96"
displayName="Essential hypertension" />
  </observation>
 </component>
```

```xml
      <component>
       <observation classCode="OBS" moodCode="EVN">
        <templateId root="2.16.840.1.113883.10.20.22.4.46" extension="2014-06-09" />
        <code code="75323-6" codeSystem="2.16.840.1.113883.6.1"
codeSystemName="LOINC" displayName="Condition" />
        <statusCode code="completed" />
        <value xsi:type="CD" code="44054006" codeSystem="2.16.840.1.113883.6.96"
displayName="Diabetes mellitus type 2" />
       </observation>
      </component>
     </organizer>
    </entry>
   </section>
  </component>
  <!-- *********** MEDICATIONS *********** -->
  <component>
   <section>
    <templateId root="2.16.840.1.113883.10.20.22.2.1.1" extension="2014-06-09" />
    <code code="10160-0" codeSystem="2.16.840.1.113883.6.1"
codeSystemName="LOINC" displayName="HISTORY OF MEDICATION USE" />
    <title>MEDICATIONS</title>
    <text>
     <table border="1" width="100%">
      <thead>
       <tr>
        <th>Medication</th>
        <th>Directions</th>
```

```
          <th>Start Date</th>

          <th>Status</th>

          <th>Indications</th>

          <th>Fill Instructions</th>

        </tr>

      </thead>

      <tbody>

        <tr>

          <td>Clonidine 0.2 MG Oral Tablet</td>

          <td>As directed</td>

          <td>Unspecified</td>

          <td>Active</td>

          <td>Hypertensive urgency</td>

          <td>-none-</td>

        </tr>

      </tbody>

    </table>

  </text>

  <entry typeCode="DRIV">

    <substanceAdministration classCode="SBADM" moodCode="EVN">

      <templateId root="2.16.840.1.113883.10.20.22.4.16" extension="2014-06-09" />

      <statusCode code="active" />

      <effectiveTime xsi:type="IVL_TS">

        <low value="Unspecified" />

      </effectiveTime>
```

```xml
        <routeCode code="C38288" codeSystem="2.16.840.1.113883.3.26.1.1"
codeSystemName="NCI Thesaurus" displayName="Oral Route of Administration" />

        <doseQuantity value="0.2" />

        <consumable>

          <manufacturedProduct classCode="MANU">

            <templateId root="2.16.840.1.113883.10.20.22.4.23" extension="2014-06-09" />

            <manufacturedMaterial>

              <code code="197604" displayName="clonidine 0.2 MG Oral Tablet"
codeSystem="2.16.840.1.113883.6.88" codeSystemName="RxNorm" />

            </manufacturedMaterial>

          </manufacturedProduct>

        </consumable>

      </substanceAdministration>

    </entry>

  </section>

</component>

<!-- ****** PROBLEM LIST ******** -->

<component>

  <section>

    <templateId root="2.16.840.1.113883.10.20.22.2.5.1" extension="2014-06-09" />

    <code code="11450-4" codeSystem="2.16.840.1.113883.6.1"
codeSystemName="LOINC" displayName="PROBLEM LIST" />

    <title>PROBLEMS</title>

    <text>

      <paragraph>Active Concerns</paragraph>

      <list>

        <item>Headache - ongoing concern</item>
```

```xml
        <item>Hypertension - diagnosed</item>

      </list>

    </text>

    <entry typeCode="DRIV">

      <act classCode="ACT" moodCode="EVN">

        <templateId root="2.16.840.1.113883.10.20.22.4.3" extension="2014-06-09" />

        <code code="CONC" codeSystem="2.16.840.1.113883.5.6" displayName="Concern" />

        <statusCode code="active" />

        <entryRelationship typeCode="SUBJ">

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

            <templateId root="2.16.840.1.113883.10.20.22.4.4" extension="2014-06-09" />

            <code code="75323-6" codeSystem="2.16.840.1.113883.6.1" codeSystemName="LOINC" displayName="Condition" />

            <statusCode code="completed" />

            <value xsi:type="CD" code="386661006" codeSystem="2.16.840.1.113883.6.96" displayName="Headache" />

          </observation>

        </entryRelationship>

        <entryRelationship typeCode="SUBJ">

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

            <templateId root="2.16.840.1.113883.10.20.22.4.4" extension="2014-06-09" />

            <code code="75323-6" codeSystem="2.16.840.1.113883.6.1" codeSystemName="LOINC" displayName="Condition" />

            <statusCode code="completed" />

            <value xsi:type="CD" code="38341003" codeSystem="2.16.840.1.113883.6.96" displayName="Hypertension" />
```

```xml
        </observation>

      </entryRelationship>

     </act>

    </entry>

   </section>

  </component>

 <!-- ***** PROCEDURES ****** -->

 <component>

  <section>

   <templateId root="2.16.840.1.113883.10.20.22.2.4.1" extension="2014-06-09" />

   <code code="18776-5" codeSystem="2.16.840.1.113883.6.1"
codeSystemName="LOINC" displayName="Treatment plan" />

   <title>CLINICIAN ORDERS AND NURSING NOTES</title>

   <text>

    <list>

     <item>Clinician has advised to record blood pressure every 4 hours.</item>

     <item>Nurse has followed the clinician's notes in the EHR and measured the blood
pressure accordingly.</item>

     <item>All observations have been recorded in nursing notes and updates have been
sent back to the EHR.</item>

    </list>

   </text>

   <entry>

    <act classCode="ACT" moodCode="RQO">

     <templateId root="2.16.840.1.113883.10.20.22.4.39" extension="2014-06-09" />

     <code code="308292007" codeSystem="2.16.840.1.113883.6.96"
displayName="Observation of vital signs" />
```

```xml
<text>Record blood pressure every 4 hours as per clinician's advice.</text>
<statusCode code="active" />
<effectiveTime>
  <low value="20240401" />
</effectiveTime>
<author>
  <time value="20240401" />
  <assignedAuthor>
    <id extension="NurseID" root="2.16.840.1.113883.4.6" />
    <code displayName="Registered Nurse" />
    <assignedPerson>
      <name>Nurse Name</name>
    </assignedPerson>
  </assignedAuthor>
</author>
<participant typeCode="IRCP">
  <participantRole classCode="PAT">
    <playingEntity classCode="PSN" determinerCode="INSTANCE">
      <name>Patient Name</name>
    </playingEntity>
  </participantRole>
</participant>
</act>
</entry>
</section>
</component>
```

```xml
<!-- ******* SOCIAL HISTORY ******* -->
<component>
  <section>
    <templateId root="2.16.840.1.113883.10.20.22.2.17" extension="2014-06-09" />
    <code code="29762-2" codeSystem="2.16.840.1.113883.6.1" codeSystemName="LOINC" displayName="Social History" />
    <title>SOCIAL HISTORY</title>
    <text>
      <table border="1" width="100%">
        <thead>
          <tr>
            <th>Social History Observation</th>
            <th>Description</th>
            <th>Dates Observed</th>
          </tr>
        </thead>
        <tbody>
          <tr>
            <td>Smoking Status</td>
            <td>Chronic smoker for 10 years</td>
            <td>-</td>
          </tr>
          <tr>
            <td>Alcohol Use</td>
            <td>Non-alcoholic</td>
            <td>-</td>
```

```xml
      </tr>
     </tbody>
    </table>
   </text>
   <entry typeCode="DRIV">
    <observation classCode="OBS" moodCode="EVN">
     <!-- * Current smoking status observation * -->
     <templateId root="2.16.840.1.113883.10.20.22.4.78" extension="2014-06-09" />
     <id extension="123456789" root="2.16.840.1.113883.19" />
     <code code="72166-2" codeSystem="2.16.840.1.113883.6.1"
codeSystemName="LOINC" displayName="Tobacco smoking status NHIS" />
     <statusCode code="completed" />
     <!-- Omitting effectiveTime and value since the dates observed and detailed status
are not specified in the given context -->
    </observation>
   </entry>
   <entry typeCode="DRIV">
    <observation classCode="OBS" moodCode="EVN">
     <!-- * Alcohol use * -->
     <templateId root="2.16.840.1.113883.10.20.22.4.38" extension="2014-06-09" />
     <id root="37f76c51-6411-4e1d-8a37-957fd49d2cef" />
     <code code="74013-4" codeSystem="2.16.840.1.113883.6.1"
codeSystemName="LOINC" displayName="Alcoholic drinks per day" />
     <statusCode code="completed" />
     <!-- Since the patient is non-alcoholic, specifying a value of 0 to indicate absence of
alcohol use -->
     <value xsi:type="PQ" value="0" unit="drinks/day" />
```

```xml
        </observation>

      </entry>

    </section>

  </component>

  <!-- ***** VITAL SIGNS ***** -->

  <component>

    <section>

      <templateId root="2.16.840.1.113883.10.20.22.2.4.1" extension="2014-06-09" />

      <code code="8716-3" codeSystem="2.16.840.1.113883.6.1"
codeSystemName="LOINC" displayName="Vital signs" />

      <title>VITAL SIGNS</title>

      <text>

        <table border="1" width="100%">

          <thead>

            <tr>

              <th align="right">Date / Time:</th>

              <th>April 1, 2024</th>

            </tr>

          </thead>

          <tbody>

            <tr>

              <th align="left">Blood Pressure</th>

              <td ID="vitBP">190/130 mmHg</td>

            </tr>

          </tbody>

        </table>
```

```xml
        </text>
        <entry typeCode="DRIV">
         <organizer classCode="CLUSTER" moodCode="EVN">
          <templateId root="2.16.840.1.113883.10.20.22.4.26" extension="2014-06-09" />
          <code code="74728-7" codeSystem="2.16.840.1.113883.6.1"
codeSystemName="LOINC" displayName="Vital signs" />
          <statusCode code="completed" />
          <effectiveTime>
           <low value="20240401" />
           <high value="20240401" />
          </effectiveTime>
          <component>
           <observation classCode="OBS" moodCode="EVN">
            <templateId root="2.16.840.1.113883.10.20.22.4.27" extension="2014-06-09" />
            <code code="8480-6" codeSystem="2.16.840.1.113883.6.1"
codeSystemName="LOINC" displayName="Systolic blood pressure" />
            <statusCode code="completed" />
            <effectiveTime value="20240401" />
            <value xsi:type="PQ" value="190" unit="mm[Hg]" />
           </observation>
           <observation classCode="OBS" moodCode="EVN">
            <templateId root="2.16.840.1.113883.10.20.22.4.27" extension="2014-06-09" />
            <code code="8462-4" codeSystem="2.16.840.1.113883.6.1"
codeSystemName="LOINC" displayName="Diastolic blood pressure" />
            <statusCode code="completed" />
            <effectiveTime value="20240401" />
            <value xsi:type="PQ" value="130" unit="mm[Hg]" />
```

```xml
            </observation>
          </component>
        </organizer>
      </entry>
    </section>
  </component>
  </structuredBody>
 </component>
</ClinicalDocument>
```