§ 170.315(c)(1) Clinical Quality Measures – Record and Export

CQM Data Capture, Storage, and QRDA Export Capabilities

Overview

This documentation demonstrates compliance with **45 CFR § 170.315(c)(1) – Clinical Quality Measures: Record and Export**. Our Health IT Module provides the capability to record data relevant to Clinical Quality Measures (CQMs) during the provision of patient care and to export that data in the required standard format for reporting and quality improvement purposes.

CQMs are tools used to measure and track the quality of health care services provided by clinicians, hospitals, and other health care providers. This certification criterion ensures our system can capture the necessary clinical data elements and produce standard-format exports for CQM reporting to relevant programs, registries, and payers.

Woundtech

Requirement Details

> **Regulatory Reference:** 45 CFR § 170.315(c)(1) requires Health IT Modules to electronically record data necessary for CQM calculation and to export that data in the Quality Reporting Document Architecture (QRDA) Category I format.

c1-Specific Requirements

- ✓ **CQM Data Recording:** The system electronically records all data elements required for the CQMs to which the Health IT Module is certified, captured at the point of care.
- ✓ **Single-Patient Export:** The system supports export of CQM data for an individual patient as a QRDA I document.
- ✓ **Batch Export:** The system supports export of CQM data for multiple patients simultaneously as a set of QRDA I documents.
- ✓ **Measure Period Support:** CQM exports can be scoped to a specified measurement period (calendar year or custom date range).
- ✓ **Standard Conformance:** All exported QRDA I documents conform to the HL7 Implementation Guide for CDA® Release 2: Quality Reporting Document Architecture – Category I.

Supported Clinical Quality Measures

Our Health IT Module supports the following CQMs, aligned with the CMS electronic Clinical Quality Measures (eCQMs) program and relevant wound care quality reporting requirements:

CQM Identifier	Measure Title
CMS122v13	Diabetes: Glycemic Status Assessment Greater Than 9%

CQM Data Elements Recorded

The following clinical data elements are captured and stored within the Health IT Module to support CQM calculation. Data entry occurs at the point of care during normal clinical workflow.

Patient Demographics

- Date of birth, age, sex, race, and ethnicity
- Insurance / payer information
- Patient identifier (medical record number)

Clinical Data Elements

- **Diagnoses & Problems:** ICD-10-CM coded conditions and problem list entries
- **Laboratory Results:** LOINC-coded lab observations and result values (e.g., HbA1c, LDL, glucose)
- **Procedures:** CPT/SNOMED CT-coded procedures and interventions
- **Encounters:** Encounter type, date, provider, and facility

Terminology Standards Used

Data Element	Coding Standard
Diagnoses / Problems	ICD-10-CM, SNOMED CT
Laboratory Observations	LOINC
Procedures	CPT-4, SNOMED CT, ICD-10-PCS

How to Export CQM Data

Single-Patient Export (Point-of-Care)

1. Open the main navigation of EHR.
2. Navigate to **Reports** → **CQM**.
3. Select the **Patient Search** tab and in the text box enter the patient reference number and click 'Search'
4. Click **EXPORT QRDA ZIP** for single patient. The system generates and downloads Zip file containing xml for single patient.
5. Single-Patient Document Structure

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

<!-- QRDA Header -->
<realmCode code="US"/>
<typeId root="2.16.840.1.113883.1.3" extension="POCD_HD000040"/>
<!-- US Realm Header Template Id -->
<templateId root="2.16.840.1.113883.10.20.22.1.1" extension="2015-08-
01"/>
<!-- QRDA templateId -->
<templateId root="2.16.840.1.113883.10.20.24.1.1" extension="2017-08-
01"/>
<!-- QDM-based QRDA templateId -->
<templateId root="2.16.840.1.113883.10.20.24.1.2" extension="2021-08-
01"/>
<!-- CMS QRDA templateId -->
<!-- QRDA Category I Report - CMS (V8) -->
<templateId root="2.16.840.1.113883.10.20.24.1.3" extension="2022-02-
01"/>
<!-- This is the globally unique identifier for this QRDA document -->
<id root="06d3e580-1fc6-013f-4b29-0eca209bc306"/>
<!-- QRDA document type code -->
<code code="55182-0" codeSystem="2.16.840.1.113883.6.1"
codeSystemName="LOINC" displayName="Quality Measure Report"/>
<title>QRDA Incidence Report</title>
```

```
<!-- This is the document creation time -->
<effectiveTime value="20260421153811"/>
<confidentialityCode code="N" codeSystem="2.16.840.1.113883.5.25"/>
<languageCode code="en"/>
<!-- reported patient -->
<recordTarget>
  <patientRole>
    <id extension="69e799dfa132044171ee30bc" root="1.3.6.1.4.1.115" />
      <id extension="1MV7D42XT98" root="2.16.840.1.113883.4.927" />
      <addr use="HP">
          <streetAddressLine>741 Monroe River
Tunnel</streetAddressLine>
        <city>Port Stan</city>
        <state>LA</state>
        <postalCode>70114</postalCode>
        <country>US</country>
      </addr>
      <telecom use="HP" value="tel:(630)617-9837"/>
      <telecom use="HP" value="mailto:aandrews7311@example.com"/>
    <patient>
        <name>
          <given>Audrey</given>
          <family>Andrews</family>
        </name>
            <administrativeGenderCode code="F"
codeSystem="2.16.840.1.113883.5.1"
codeSystemName="AdministrativeGender"/>
        <birthTime value='19541209015600'/>
          <raceCode code="2054-5" codeSystem="2.16.840.1.113883.6.238"
codeSystemName="CDCREC"/>
          <ethnicGroupCode code="2186-5"
codeSystem="2.16.840.1.113883.6.238" codeSystemName="CDCREC"/>
      <languageCommunication>
        <templateId root="2.16.840.1.113883.3.88.11.83.2"
assigningAuthorityName="HITSP/C83"/>
        <templateId root="1.3.6.1.4.1.19376.1.5.3.1.2.1"
assigningAuthorityName="IHE/PCC"/>
        <languageCode code="eng"/>
      </languageCommunication>
    </patient>
  </patientRole>
</recordTarget>
<author>
```

```
  <time value="20260421153811"/>
  <assignedAuthor>
    <!-- NPI -->
      <id extension="1223889159" root="2.16.840.1.113883.4.6"/>
    <addr>
      <streetAddressLine>202 Burlington Rd.</streetAddressLine>
      <city>Bedford</city>
      <state>MA</state>
      <postalCode>01730</postalCode>
      <country>US</country>
    </addr>
    <telecom use="WP" value="tel:(781)271-3000"/>
    <assignedAuthoringDevice>
      <manufacturerModelName>TestSystem</manufacturerModelName>
      <softwareName>TestSystem</softwareName>
    </assignedAuthoringDevice>
  </assignedAuthor>
</author><custodian>
  <assignedCustodian>
    <representedCustodianOrganization>
        <id extension="420547" root="2.16.840.1.113883.4.336"/>
      <name>TestSystem Test Deck</name>
      <telecom use="WP" value="tel:(781)271-3000"/>
      <addr use="HP">
        <streetAddressLine>41357 Alfred Center
Valley</streetAddressLine>
        <city>Baileyton</city>
        <state>MN</state>
        <postalCode>55548</postalCode>
        <country>US</country>
      </addr>
    </representedCustodianOrganization>
  </assignedCustodian>
</custodian>
```

```
<legalAuthenticator>
  <time value="20260421153811"/>
  <signatureCode code="S"/>
  <assignedEntity>
    <id root="bc01a5d1-3a34-4286-82cc-43eb04c972a7"/>
    <addr>
      <streetAddressLine>202 Burlington Rd.</streetAddressLine>
      <city>Bedford</city>
      <state>MA</state>
      <postalCode>01730</postalCode>
      <country>US</country>
    </addr>
    <telecom use="WP" value="tel:(781)271-3000"/>
    <assignedPerson>
      <name>
        <given>Henry</given>
        <family>Seven</family>
      </name>
    </assignedPerson>
    <representedOrganization>
      <id root="2.16.840.1.113883.19.5"/>
      <name>TestSystem</name>
    </representedOrganization>
  </assignedEntity>
</legalAuthenticator><participant typeCode="DEV">
  <associatedEntity classCode="RGPR">
    <!-- CMS EHR Certification Number (formerly known as Office of the
        National Coordinator Certification Number). Note, this is a
test
        file, and the provided ID is not for a certified product set. -
->
    <id extension="0015CPV4ZTB4WBU" root="2.16.840.1.113883.3.2074.1"/>
  </associatedEntity>
</participant>
```

```
<documentationOf typeCode="DOC">
  <serviceEvent classCode="PCPR">
    <!-- care provision -->
    <effectiveTime>
      <low nullFlavor="UNK"/>
      <high nullFlavor="UNK"/>
    </effectiveTime>
    <!-- You can include multiple performers, each with an NPI, TIN,
CCN. -->
    <performer typeCode="PRF">
      <time>
        <low nullFlavor="UNK"/>
        <high nullFlavor="UNK"/>
      </time>
      <assignedEntity>
          <id extension="1223889159" root="2.16.840.1.113883.4.6"/>
          <id extension="420547" root="2.16.840.1.113883.4.336"/>
        <code code="207Q00000X" codeSystem="2.16.840.1.113883.6.101"
codeSystemName="Healthcare Provider Taxonomy (HIPAA)"/>
        <addr use="HP">
          <streetAddressLine>41357 Alfred Center
Valley</streetAddressLine>
          <city>Baileyton</city>
          <state>MN</state>
          <postalCode>55548</postalCode>
          <country>US</country>
        </addr>
        <assignedPerson>
          <name>
            <given>Joann</given>
            <family>Moreno</family>
          </name>
        </assignedPerson>
```

```
        <representedOrganization>
          <id extension="584247735" root="2.16.840.1.113883.4.2"/>
          <addr use="HP">
            <streetAddressLine>41357 Alfred Center
Valley</streetAddressLine>
            <city>Baileyton</city>
            <state>MN</state>
            <postalCode>55548</postalCode>
            <country>US</country>
          </addr>
        </representedOrganization>
      </assignedEntity>
    </performer>
  </serviceEvent>
</documentationOf>
<component>
  <structuredBody>
    <component>
      <section>
        <!--

**********************************************************************
          Measure Section

**********************************************************************
        -->
        <!-- This is the templateId for Measure Section -->
        <templateId root="2.16.840.1.113883.10.20.24.2.2"/>
        <!-- This is the templateId for Measure Section QDM -->
        <templateId root="2.16.840.1.113883.10.20.24.2.3"/>
        <!-- This is the LOINC code for "Measure document". This stays
the same for all measure section required by QRDA standard -->
        <code code="55186-1" codeSystem="2.16.840.1.113883.6.1"/>
        <title>Measure Section</title>
        <text>
          <table border="1" width="100%">
            <thead>
              <tr>
                <th>eMeasure Title</th>
                <th>Version specific identifier</th>
              </tr>
            </thead>
```

```
            <tbody>
              <tr>
                <td>Percentage of patients 18-75 years of age with
diabetes who had a glycemic status assessment (hemoglobin A1c [HbA1c]
or glucose management indicator [GMI]) > 9.0% during the measurement
period</td>
                <td>2C928083-8907-CE68-0189-2BC5FA0D0739</td>
                <td/>
              </tr>
            </tbody>
          </table>
        </text>
        <!-- 1..* Organizers, each containing a reference to an
eMeasure -->
        <entry>
          <organizer classCode="CLUSTER" moodCode="EVN">
            <!-- This is the templateId for Measure Reference -->
            <templateId root="2.16.840.1.113883.10.20.24.3.98"/>
            <!-- This is the templateId for eMeasure Reference QDM -->
            <templateId root="2.16.840.1.113883.10.20.24.3.97"/>
            <id extension="06dba790-1fc6-013f-4b29-0eca209bc306"
root="1.3.6.1.4.1.115"/>
            <statusCode code="completed"/>
            <!-- Containing isBranch external references -->
            <reference typeCode="REFR">
              <externalDocument classCode="DOC" moodCode="EVN">
                <!-- SHALL: This is the version specific identifier for
eMeasure: QualityMeasureDocument/id it is a GUID-->
                <id extension="2C928083-8907-CE68-0189-2BC5FA0D0739"
root="2.16.840.1.113883.4.738"/>
                <!-- SHOULD This is the title of the eMeasure -->
                <text>Percentage of patients 18-75 years of age with
diabetes who had a glycemic status assessment (hemoglobin A1c [HbA1c]
or glucose management indicator [GMI]) > 9.0% during the measurement
period</text>
                <!-- SHOULD: setId is the eMeasure version neutral id
-->
                <setId root="F2986519-5A4E-4149-A8F2-AF0A1DC7F6BC"/>
              </externalDocument>
            </reference>
          </organizer>
        </entry>
      </section>
    </component>
```

```
        <component>
      <section>
        <!-- This is the templateId for Reporting Parameters section --
>
        <templateId root="2.16.840.1.113883.10.20.17.2.1"/>
        <templateId extension="2016-03-01"
root="2.16.840.1.113883.10.20.17.2.1.1"/>
        <code code="55187-9" codeSystem="2.16.840.1.113883.6.1"/>
        <title>Reporting Parameters</title>
        <text></text>
        <entry typeCode="DRIV">
          <act classCode="ACT" moodCode="EVN">
            <!-- This is the templateId for Reporting Parameteres Act -
->
            <templateId root="2.16.840.1.113883.10.20.17.3.8"/>
            <templateId extension="2016-03-01"
root="2.16.840.1.113883.10.20.17.3.8.1"/>
            <id extension="06dbbe20-1fc6-013f-4b29-0eca209bc306"
root="1.3.6.1.4.1.115"/>
            <code code="252116004" codeSystem="2.16.840.1.113883.6.96"
displayName="Observation Parameters"/>
            <effectiveTime>
              <low value="20250101000000"/>
              <high value="20251231235959"/>
            </effectiveTime>
          </act>
        </entry>
      </section>
    </component>
```

```
        <component>
        <section>
          <!-- This is the templateId for Patient Data section -->
          <templateId root="2.16.840.1.113883.10.20.17.2.4"/>
          <!-- This is the templateId for Patient Data QDM section -->
          <templateId extension="2021-08-01"
root="2.16.840.1.113883.10.20.24.2.1"/>
          <!-- Patient Data Section QDM (V8) CMS -->
          <templateId extension="2022-02-01"
root="2.16.840.1.113883.10.20.24.2.1.1"/>
          <code code="55188-7" codeSystem="2.16.840.1.113883.6.1"/>
          <title>Patient Data</title>
          <text/>

            <entry>
              <observation classCode="OBS" moodCode="EVN" >
                <!-- Assessment Performed -->
                <templateId root="2.16.840.1.113883.10.20.24.3.144"
extension="2021-08-01" />
                <id root="1.3.6.1.4.1.115"
extension="69e799dfa132044171ee30ac"/>
                  <code code="71802-3"
codeSystem="2.16.840.1.113883.6.1" codeSystemName="LOINC"/>
                <text>Housing status</text>
                <statusCode code="completed"/>
                <effectiveTime value='20231025080000'/>
                <!-- QDM Attribute: Result -->
                <value xsi:type="CD" code="160734000"
codeSystem="2.16.840.1.113883.6.96" codeSystemName="SNOMEDCT"/>
                  <!-- QDM Attribute: Author dateTime -->
                  <author>
                    <templateId root="2.16.840.1.113883.10.20.24.3.155"
extension="2019-12-01"/>
                    <time value='20231025080000'/>
                    <assignedAuthor>
                          <id nullFlavor="NA"/>
                    </assignedAuthor>
                  </author>              </observation>
            </entry>
```

```
            <entry>
              <act classCode="ACT" moodCode="EVN">
                <!-- Conforms to C-CDA 2.1 Problem Concern Act (V3) -->
                <templateId root="2.16.840.1.113883.10.20.22.4.3"
extension="2015-08-01" />
                <!-- Diagnosis Concern Act -->
                <templateId root="2.16.840.1.113883.10.20.24.3.137"
extension="2021-08-01"/>
                <id root="1.3.6.1.4.1.115"
extension="69e799dfa132044171ee30ad"/>
                <code code="CONC" codeSystem="2.16.840.1.113883.5.6"
displayName="Concern" />
                <statusCode code="active" />
                <effectiveTime><low value='19931025080000'/><high
nullFlavor='UNK'/></effectiveTime>
                <entryRelationship typeCode="SUBJ">
                  <observation classCode="OBS" moodCode="EVN">
                    <!-- Conforms to C-CDA R2.1 Problem Observation
(V3) -->
                    <templateId root="2.16.840.1.113883.10.20.22.4.4"
extension="2015-08-01" />
                    <!-- Diagnosis template -->
                    <templateId root="2.16.840.1.113883.10.20.24.3.135"
extension="2021-08-01" />
                    <id root="1.3.6.1.4.1.115"
extension="69e799dfa132044171ee30ad"/>
                    <code code="29308-4"
codeSystem="2.16.840.1.113883.6.1">
                      <translation code="282291009"
codeSystem="2.16.840.1.113883.6.96"/>
                    </code>
                    <statusCode code="completed" />
                    <effectiveTime><low value='19931025080000'/><high
nullFlavor='UNK'/></effectiveTime>
                    <!-- QDM Attribute: Code -->
                      <value xsi:type="CD" code="102781000119107"
codeSystem="2.16.840.1.113883.6.96" codeSystemName="SNOMEDCT">
                      <translation code="E10.10"
codeSystem="2.16.840.1.113883.6.90" codeSystemName="ICD10CM"/>
                      </value>
                  </observation>
                </entryRelationship>
              </act>
            </entry>
```

```
            <entry>
              <encounter classCode="ENC" moodCode="EVN">
                <!--  Encounter activities template -->
                <templateId extension="2015-08-01"
root="2.16.840.1.113883.10.20.22.4.49"/>
                <!-- Encounter performed template -->
                <templateId extension="2021-08-01"
root="2.16.840.1.113883.10.20.24.3.23"/>
                <id extension="69e799dfa132044171ee30b1"
root="1.3.6.1.4.1.115"/>
                <!-- QDM Attribute: Code -->
                  <code code="99213"
codeSystem="2.16.840.1.113883.6.12" codeSystemName="CPT"/>
                <text>Office Visit</text>
                <statusCode code="completed"/>
                  <!-- QDM Attribute: Relevant Period -->
                  <effectiveTime><low value='20250325080000'/><high
value='20250325081500'/></effectiveTime>
              </encounter>
            </entry>            <entry>
              <encounter classCode="ENC" moodCode="EVN">
                <!--  Encounter activities template -->
                <templateId extension="2015-08-01"
root="2.16.840.1.113883.10.20.22.4.49"/>
                <!-- Encounter performed template -->
                <templateId extension="2021-08-01"
root="2.16.840.1.113883.10.20.24.3.23"/>
                <id extension="69e799dfa132044171ee30b2"
root="1.3.6.1.4.1.115"/>
                <!-- QDM Attribute: Code -->
                  <code code="99213"
codeSystem="2.16.840.1.113883.6.12" codeSystemName="CPT"/>
                <text>Office Visit</text>
                <statusCode code="completed"/>
                  <!-- QDM Attribute: Relevant Period -->
                  <effectiveTime><low value='20250614080000'/><high
value='20250614081500'/></effectiveTime>
              </encounter>
            </entry>
```

```
            <entry>
              <act classCode="ACT" moodCode="EVN" >
                <!-- Consolidation CDA: Procedure Activity Act template
-->
                <templateId root="2.16.840.1.113883.10.20.22.4.12"
extension="2014-06-09"/>
                <!-- Intervention Performed Template -->
                <templateId root="2.16.840.1.113883.10.20.24.3.32"
extension="2021-08-01"/>
                <id root="1.3.6.1.4.1.115"
extension="69e799dfa132044171ee30b3"/>
                  <code code="103735009"
codeSystem="2.16.840.1.113883.6.96" codeSystemName="SNOMEDCT"/>
                <text>Palliative Care Intervention</text>
                <statusCode code="completed"/>
                <effectiveTime value='20250614080000'/>
                  <!-- QDM Attribute: Author dateTime -->
                  <author>
                    <templateId root="2.16.840.1.113883.10.20.24.3.155"
extension="2019-12-01"/>
                    <time value='20250614080000'/>
                    <assignedAuthor>
                          <id nullFlavor="NA"/>
                    </assignedAuthor>
                  </author>              </act>
            </entry>
```

```
            <entry>
              <!-- Patient Characteristic Payer -->
              <observation classCode="OBS" moodCode="EVN">
                <templateId root="2.16.840.1.113883.10.20.24.3.55"/>
                <id root="06deeec0-1fc6-013f-4b29-0eca209bc306"/>
                <code code="48768-6" codeSystemName="LOINC"
codeSystem="2.16.840.1.113883.6.1" displayName="Payment source"/>
                <statusCode code="completed"/>
                  <!-- QDM Attribute: Relevant Period -->
                  <effectiveTime><low value='20191201015600'/><high
nullFlavor='UNK'/></effectiveTime>
                  <value xsi:type="CD" code="1"
codeSystem="2.16.840.1.113883.3.221.5" codeSystemName="Source of
Payment Typology"/>
              </observation>
            </entry>
        </section>
      </component>
    </structuredBody>
  </component>
</ClinicalDocument>
```

Batch Export (Administrative)

1. Open the main navigation of EHR.
2. Navigate to **Reports** → **CQM**.
3. Select the **Batch Patient Data** tab and enter either the list of patient reference numbers in the text box or select the measurement period (Start Date and End Date) and click 'SEARCH PATIENTS'
4. The system displays a table of patients who meet the measure criteria.
5. Select the **EXPORT ALL**. The system queues the export job.
6. A notification will appear the first time the process completes. If the same data is requested again, the ZIP bundle will download directly without showing a notification.
7. Batch-Patients Export Structure


```
<?xml version="1.0" encoding="UTF-8" standalone="yes"?>
<ClinicalDocument xmlns="urn:hl7-org:v3"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
  <realmCode code="US"/>
  <typeId root="2.16.840.1.113883.1.3" extension="POCD_HD000040"/>
  <templateId root="2.16.840.1.113883.10.20.24.1.3" extension="2025-03-
01"/>
  <id root="9cdedc0a-67aa-4215-8125-874425ddc18d"/>
  <code code="55182-0" codeSystem="2.16.840.1.113883.6.1"
codeSystemName="LOINC" displayName="Quality Measure Report"/>
  <title>QRDA Cat I – Diabetes</title>
  <effectiveTime value="20260428065821"/>
  <confidentialityCode code="N" codeSystem="2.16.840.1.113883.5.25"/>
  <languageCode code="en-US"/>
  <recordTarget>
    <patientRole>
      <id extension="69e799dfa132044171ee30bc" root="1.3.6.1.4.1.115"/>
      <id extension="69e799dfa132044171ee30bc"
root="2.16.840.1.113883.4.927"/>
```

```
      <addr use="HP">
        <streetAddressLine>741 Monroe River Tunnel, Port Stan, LA,
70114</streetAddressLine>
        <city>Port Stan</city>
        <state>LA</state>
        <postalCode>70114</postalCode>
        <country>US</country>
      </addr>
      <telecom use="HP" value="(630)617-9837"/>
      <telecom use="HP" value="aandrews7311@example.com"/>
      <patient>
        <name>
          <given>Audrey</given>
          <family>Andrews</family>
        </name>
        <administrativeGenderCode code="F"
codeSystem="2.16.840.1.113883.5.1"/>
        <birthTime value="19541209"/>
        <raceCode code="2054-5" codeSystem="2.16.840.1.113883.6.238"
codeSystemName="CDCREC"/>
        <ethnicGroupCode code="2186-5"
codeSystem="2.16.840.1.113883.6.238" codeSystemName="CDCREC"/>
        <languageCommunication>
          <templateId root="2.16.840.1.113883.3.88.11.83.2"
assigningAuthorityName="HITSP/C83"/>
          <templateId root="1.3.6.1.4.1.19376.1.5.3.1.2.1"
assigningAuthorityName="IHE/PCC"/>
          <languageCode code="eng"/>
        </languageCommunication>
      </patient>
    </patientRole>
  </recordTarget>
  <author>
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    <time value="20260428065822"/>
    <assignedAuthor>
      <id extension="ae7e4fcd-40b6-49ec-a91e-3d06428399b0"
root="2.16.840.1.113883.4.6"/>
      <addr>
        <streetAddressLine>777 W Covina Blvd Apt#
75</streetAddressLine>
        <city>Covina</city>
        <state>CA</state>
        <postalCode>91722</postalCode>
        <country>USA</country>
      </addr>
      <telecom use="WP" value="emrleadclinician@woundtech.net"/>
      <assignedAuthoringDevice>
        <manufacturerModelName>WoundTech</manufacturerModelName>
        <softwareName>WoundTech</softwareName>
      </assignedAuthoringDevice>
    </assignedAuthor>
  </author>
  <custodian>
    <assignedCustodian>
      <representedCustodianOrganization>
        <id nullFlavor="UNK"/>
        <telecom use="WP" value="emrleadclinician@woundtech.net"/>
      </representedCustodianOrganization>
    </assignedCustodian>
  </custodian>
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  <legalAuthenticator>
    <time value="20260428065822"/>
    <signatureCode code="S"/>
    <assignedEntity>
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root="2.16.840.1.113883.4.6"/>
      <addr>
        <streetAddressLine>777 W Covina Blvd Apt#
75</streetAddressLine>
        <city>Covina</city>
        <state>CA</state>
        <postalCode>91722</postalCode>
        <country>USA</country>
      </addr>
      <telecom use="WP" value="emrleadclinician@woundtech.net"/>
      <assignedPerson>
        <name>
          <given>lead</given>
          <family>emr</family>
        </name>
      </assignedPerson>

      <representedOrganization>
        <id nullFlavor="UNK"/>
      </representedOrganization>
    </assignedEntity>
  </legalAuthenticator>
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  <participant typeCode="DEV">
    <associatedEntity classCode="RGPR">
      <id extension="15.05.05.3239.WNDT.01.00.1.250909"
root="2.16.840.1.113883.3.2074.1"/>
    </associatedEntity>
  </participant>
  <documentationOf typeCode="DOC">
    <serviceEvent classCode="PCPR">
      <effectiveTime>
        <low value="20250325080000"/>
        <high value="20250325081500"/>
      </effectiveTime>
      <performer typeCode="PRF">
        <time>
          <low value="20250325080000"/>
          <high value="20250325081500"/>
        </time>
        <assignedEntity>
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root="2.16.840.1.113883.4.6"/>
          <id extension="584247735" root="2.16.840.1.113883.4.2"/>
          <code code="207Q00000X" codeSystem="2.16.840.1.113883.6.101"
codeSystemName="Healthcare Provider Taxonomy (HIPAA)"/>
          <addr use="HP">
            <streetAddressLine>777 W Covina Blvd Apt#
75</streetAddressLine>
            <city>Covina</city>
            <state>CA</state>
            <postalCode>91722</postalCode>
            <country>USA</country>
          </addr>
          <assignedPerson>
            <name>
              <given>lead</given>
              <family>emr</family>
            </name>
          </assignedPerson>
          <representedOrganization>
            <id extension="584247735" root="2.16.840.1.113883.4.2"/>
          </representedOrganization>
        </assignedEntity>
      </performer>
    </serviceEvent>
  </documentationOf>
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displayName="Measure Section" codeSystemName="LOINC"/>
          <title>Measure Section</title>
          <text/>
          <entry>
            <organizer classCode="CLUSTER" moodCode="EVN">
              <templateId root="2.16.840.1.113883.10.20.24.3.98"/>
              <id root="02320494-363e-4db7-b70f-6e9eb504c33f"/>
              <statusCode code="completed"/>
              <reference typeCode="REFR">
                <externalDocument classCode="DOC" moodCode="EVN">
                  <id root="2.16.840.1.113883.4.738"
extension="CMS134v13"/>
                  <setId root="2.16.840.1.113883.4.738"
extension="CMS134"/>
                  <versionNumber value="13"/>
                </externalDocument>
              </reference>
            </organizer>
          </entry>
        </section>
      </component>
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      <component>
        <section>
          <templateId root="2.16.840.1.113883.10.20.17.2.1.1"
extension="2016-03-01"/>
          <code code="55187-9" codeSystem="2.16.840.1.113883.6.1"
displayName="Reporting Parameters" codeSystemName="LOINC"/>
          <title>Reporting Parameters</title>
          <text/>
          <entry typeCode="DRIV">
            <act classCode="ACT" moodCode="EVN">
              <templateId root="2.16.840.1.113883.10.20.17.3.8.1"/>
              <id root="87520ee4-70da-4f7b-bb0c-45785606002d"/>
              <code code="252116004"
codeSystem="2.16.840.1.113883.6.96" displayName="Observation
Parameters"/>
              <effectiveTime>
                <low value="20260630183000"/>
                <high value="20270629183000"/>
              </effectiveTime>
            </act>
          </entry>
        </section>
      </component>
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      <component>
        <section>
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          <templateId root="2.16.840.1.113883.10.20.24.2.1"
extension="2021-08-01"/>
          <templateId root="2.16.840.1.113883.10.20.24.2.1.1"
extension="2022-02-01"/>
          <code code="55188-7" codeSystem="2.16.840.1.113883.6.1"
displayName="Patient Data" codeSystemName="LOINC"/>
          <title>Patient Data</title>
          <text/>
          <entry>
            <encounter classCode="ENC" moodCode="EVN">
              <templateId extension="2015-08-01"
root="2.16.840.1.113883.10.20.22.4.49"/>
              <templateId extension="2021-08-01"
root="2.16.840.1.113883.10.20.24.3.23"/>
              <id root="1.3.6.1.4.1.115" extension="6979"/>
              <code code="99213" codeSystem="2.16.840.1.113883.6.12"
codeSystemName="CPT" displayName="Office Visit"/>
              <text>Office Visit</text>
              <statusCode code="completed"/>
              <effectiveTime>
                <low value="20250325080000"/>
                <high value="20250325081500"/>
              </effectiveTime>
            </encounter>
          </entry>
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```
          <entry>
            <observation classCode="OBS" moodCode="EVN">
              <templateId root="2.16.840.1.113883.10.20.24.3.144"
extension="2021-08-01"/>
              <id root="1.3.6.1.4.1.115" extension="6981"/>
              <code code="71802-3" codeSystem="2.16.840.1.113883.6.1"
codeSystemName="LOINC" displayName="Housing status"/>
              <text>Housing status</text>
              <statusCode code="completed"/>
              <effectiveTime value="20231025080000"/>
              <value xsi:type="CD" code="160734000"
codeSystem="2.16.840.1.113883.6.96" codeSystemName="SNOMEDCT"/>
              <author>
                <templateId root="2.16.840.1.113883.10.20.24.3.155"
extension="2019-12-01"/>
                <time value="20231025080000"/>
                <assignedAuthor>
                  <id nullFlavor="NA"/>
                </assignedAuthor>
              </author>
            </observation>
          </entry>
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```
          <entry>
            <observation classCode="OBS" moodCode="EVN">
              <templateId root="2.16.840.1.113883.10.20.24.3.38"
extension="2021-08-01"/>
              <id root="1.3.6.1.4.1.115" extension="lab-4548-4"/>
              <code code="4548-4" codeSystem="2.16.840.1.113883.6.1"
codeSystemName="LOINC" displayName="Hemoglobin A1c / Hemoglobin.total
in Blood"/>
              <statusCode code="completed"/>
              <effectiveTime value="20260428"/>
              <entryRelationship typeCode="COMP">
                <observation classCode="OBS" moodCode="EVN">
                  <templateId root="2.16.840.1.113883.10.20.24.3.45"
extension="2021-08-01"/>
                  <code code="4548-4"
codeSystem="2.16.840.1.113883.6.1" displayName="Hemoglobin A1c /
Hemoglobin.total in Blood"/>
                  <statusCode code="completed"/>
                  <effectiveTime value="20260428"/>
                  <value xsi:type="PQ" value="11" unit="%"/>
                </observation>
              </entryRelationship>
            </observation>
          </entry>
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```
          <entry>
            <act classCode="ACT" moodCode="EVN">
              <templateId root="2.16.840.1.113883.10.20.22.4.3"
extension="2015-08-01"/>
              <templateId root="2.16.840.1.113883.10.20.24.3.137"
extension="2021-08-01"/>
              <id root="1.3.6.1.4.1.115" extension="6982"/>
              <code code="CONC" codeSystem="2.16.840.1.113883.5.6"
displayName="Concern"/>
              <statusCode code="active"/>
              <effectiveTime>
                <low value="19931025080000"/>
                <high nullFlavor="UNK"/>
              </effectiveTime>
              <entryRelationship typeCode="SUBJ">
                <observation classCode="OBS" moodCode="EVN">
                  <templateId root="2.16.840.1.113883.10.20.22.4.4"
extension="2015-08-01"/>
                  <templateId root="2.16.840.1.113883.10.20.24.3.135"
extension="2021-08-01"/>
                  <id root="1.3.6.1.4.1.115" extension="6982"/>
                  <code code="29308-4"
codeSystem="2.16.840.1.113883.6.1">
                    <translation code="282291009"
codeSystem="2.16.840.1.113883.6.96"/>
                  </code>
                  <statusCode code="completed"/>
                  <effectiveTime>
                    <low value="19931025080000"/>
                    <high nullFlavor="UNK"/>
                  </effectiveTime>
                  <value xsi:type="CD" code="102781000119107"
codeSystem="2.16.840.1.113883.6.96" codeSystemName="SNOMEDCT"
displayName="SNOMEDCT">
                    <translation code="E10.10"
codeSystem="2.16.840.1.113883.6.90" codeSystemName="ICD10CM"/>
                  </value>
                </observation>
              </entryRelationship>
            </act>
          </entry>
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          <entry>
            <act classCode="ACT" moodCode="EVN">
              <templateId root="2.16.840.1.113883.10.20.22.4.12"
extension="2014-06-09"/>
              <templateId root="2.16.840.1.113883.10.20.24.3.32"
extension="2021-08-01"/>
              <id root="1.3.6.1.4.1.115" extension="6983"/>
              <code code="103735009"
codeSystem="2.16.840.1.113883.6.96" codeSystemName="SNOMEDCT"/>
              <text>Palliative Care Intervention</text>
              <statusCode code="completed"/>
              <effectiveTime value="20250614080000"/>
              <author>
                <templateId root="2.16.840.1.113883.10.20.24.3.155"
extension="2019-12-01"/>
                <time value="20250614080000"/>
                <assignedAuthor>
                  <id nullFlavor="NA"/>
                </assignedAuthor>
              </author>
            </act>
          </entry>
          <entry>
            <encounter classCode="ENC" moodCode="EVN">
              <templateId extension="2015-08-01"
root="2.16.840.1.113883.10.20.22.4.49"/>
              <templateId extension="2021-08-01"
root="2.16.840.1.113883.10.20.24.3.23"/>
              <id root="1.3.6.1.4.1.115" extension="6980"/>
              <code code="99213" codeSystem="2.16.840.1.113883.6.12"
codeSystemName="CPT" displayName="Office Visit"/>
              <text>Office Visit</text>
              <statusCode code="completed"/>
              <effectiveTime>
                <low value="20250614080000"/>
                <high value="20250614081500"/>
              </effectiveTime>
            </encounter>
          </entry>
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          <entry>
            <observation classCode="OBS" moodCode="EVN">
              <templateId root="2.16.840.1.113883.10.20.24.3.55"/>
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              <code code="48768-6" codeSystemName="LOINC"
codeSystem="2.16.840.1.113883.6.1" displayName="Payment source"/>
              <statusCode code="completed"/>
              <effectiveTime>
                <low value="20191201000000"/>
                <high nullFlavor="UNK"/>
              </effectiveTime>
              <value xsi:type="CD" code="1"
codeSystem="2.16.840.1.113883.3.221.5" codeSystemName="Source of
Payment Typology"/>
            </observation>
          </entry>
        </section>
      </component>
    </structuredBody>
  </component>
</ClinicalDocument>
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<?xml version="1.0" encoding="UTF-8" standalone="yes"?>
<ClinicalDocument xmlns="urn:hl7-org:v3"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
  <realmCode code="US"/>
  <typeId root="2.16.840.1.113883.1.3" extension="POCD_HD000040"/>
  <templateId root="2.16.840.1.113883.10.20.24.1.3" extension="2025-03-
01"/>
  <id root="4cfedc0e-67ee-4ebe-9088-724754fae710"/>
  <code code="55182-0" codeSystem="2.16.840.1.113883.6.1"
codeSystemName="LOINC" displayName="Quality Measure Report"/>
  <title>QRDA Cat I – Diabetes</title>
  <effectiveTime value="20260428070600"/>
  <confidentialityCode code="N" codeSystem="2.16.840.1.113883.5.25"/>
  <languageCode code="en-US"/>
  <recordTarget>
    <patientRole>
      <id extension="69e799dea132044171ee302a" root="1.3.6.1.4.1.115"/>
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root="2.16.840.1.113883.4.927"/>
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        <streetAddressLine>866 Tobias Mills Mill, New Zacharymouth, IA,
51062</streetAddressLine>
        <city>New Zacharymouth</city>
        <state>IA</state>
        <postalCode>51062</postalCode>
        <country>US</country>
      </addr>
      <telecom use="HP" value="720-229-5405"/>
      <telecom use="HP" value="ddennis1189@example.com"/>
```

```
      <patient>
        <name>
          <given>Dianne</given>
          <family>Dennis</family>
        </name>
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codeSystem="2.16.840.1.113883.5.1"/>
        <birthTime value="19710625"/>
        <raceCode code="2076-8" codeSystem="2.16.840.1.113883.6.238"
codeSystemName="CDCREC"/>
        <ethnicGroupCode code="2135-2"
codeSystem="2.16.840.1.113883.6.238" codeSystemName="CDCREC"/>
        <languageCommunication>
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assigningAuthorityName="HITSP/C83"/>
          <templateId root="1.3.6.1.4.1.19376.1.5.3.1.2.1"
assigningAuthorityName="IHE/PCC"/>
          <languageCode code="eng"/>
        </languageCommunication>
      </patient>
    </patientRole>
  </recordTarget>
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```
  <author>
    <time value="20260428070600"/>
    <assignedAuthor>
      <id extension="ae7e4fcd-40b6-49ec-a91e-3d06428399b0"
root="2.16.840.1.113883.4.6"/>
      <addr>
        <streetAddressLine>777 W Covina Blvd Apt#
75</streetAddressLine>
        <city>Covina</city>
        <state>CA</state>
        <postalCode>91722</postalCode>
        <country>USA</country>
      </addr>
      <telecom use="WP" value="emrleadclinician@woundtech.net"/>
      <assignedAuthoringDevice>
        <manufacturerModelName>WoundTech</manufacturerModelName>
        <softwareName>WoundTech</softwareName>
      </assignedAuthoringDevice>
    </assignedAuthor>
  </author>
```

```
  <custodian>
    <assignedCustodian>
      <representedCustodianOrganization>
        <id nullFlavor="UNK"/>
        <telecom use="WP" value="emrleadclinician@woundtech.net"/>
      </representedCustodianOrganization>
    </assignedCustodian>
  </custodian>
  <legalAuthenticator>
    <time value="20260428070600"/>
    <signatureCode code="S"/>
    <assignedEntity>
      <id extension="ae7e4fcd-40b6-49ec-a91e-3d06428399b0"
root="2.16.840.1.113883.4.6"/>
      <addr>
        <streetAddressLine>777 W Covina Blvd Apt#
75</streetAddressLine>
        <city>Covina</city>
        <state>CA</state>
        <postalCode>91722</postalCode>
        <country>USA</country>
      </addr>
      <telecom use="WP" value="emrleadclinician@woundtech.net"/>
      <assignedPerson>
        <name>
          <given>lead</given>
          <family>emr</family>
        </name>
      </assignedPerson>
      <representedOrganization>
        <id nullFlavor="UNK"/>
      </representedOrganization>
    </assignedEntity>
  </legalAuthenticator>
```

```
  <participant typeCode="DEV">
    <associatedEntity classCode="RGPR">
      <id extension="15.05.05.3239.WNDT.01.00.1.250909"
root="2.16.840.1.113883.3.2074.1"/>
    </associatedEntity>
  </participant>
  <documentationOf typeCode="DOC">
    <serviceEvent classCode="PCPR">
      <effectiveTime>
        <low value="20250215080000"/>
        <high value="20250215090000"/>
      </effectiveTime>
      <performer typeCode="PRF">
        <time>
          <low value="20250215080000"/>
          <high value="20250215090000"/>
        </time>
```

```
        <assignedEntity>
          <id extension="ae7e4fcd-40b6-49ec-a91e-3d06428399b0"
root="2.16.840.1.113883.4.6"/>
          <id extension="584247735" root="2.16.840.1.113883.4.2"/>
          <code code="207Q00000X" codeSystem="2.16.840.1.113883.6.101"
codeSystemName="Healthcare Provider Taxonomy (HIPAA)"/>
          <addr use="HP">
            <streetAddressLine>777 W Covina Blvd Apt#
75</streetAddressLine>
            <city>Covina</city>
            <state>CA</state>
            <postalCode>91722</postalCode>
            <country>USA</country>
          </addr>
          <assignedPerson>
            <name>
              <given>lead</given>
              <family>emr</family>
            </name>
          </assignedPerson>
          <representedOrganization>
            <id extension="584247735" root="2.16.840.1.113883.4.2"/>
          </representedOrganization>
        </assignedEntity>
      </performer>
    </serviceEvent>
  </documentationOf>
```

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  <component>
    <structuredBody>
      <component>
        <section>
          <templateId root="2.16.840.1.113883.10.20.24.2.2"/>
          <code code="55186-1" codeSystem="2.16.840.1.113883.6.1"
displayName="Measure Section" codeSystemName="LOINC"/>
          <title>Measure Section</title>
          <text/>
          <entry>
            <organizer classCode="CLUSTER" moodCode="EVN">
              <templateId root="2.16.840.1.113883.10.20.24.3.98"/>
              <id root="fbdc0f65-2548-45ad-adff-12aabb5e27c7"/>
              <statusCode code="completed"/>
              <reference typeCode="REFR">
                <externalDocument classCode="DOC" moodCode="EVN">
                  <id root="2.16.840.1.113883.4.738"
extension="CMS134v13"/>
                  <setId root="2.16.840.1.113883.4.738"
extension="CMS134"/>
                  <versionNumber value="13"/>
                </externalDocument>
              </reference>
            </organizer>
          </entry>
        </section>
      </component>
```

```
      <component>
        <section>
          <templateId root="2.16.840.1.113883.10.20.17.2.1.1"
extension="2016-03-01"/>
          <code code="55187-9" codeSystem="2.16.840.1.113883.6.1"
displayName="Reporting Parameters" codeSystemName="LOINC"/>
          <title>Reporting Parameters</title>
          <text/>
          <entry typeCode="DRIV">
            <act classCode="ACT" moodCode="EVN">
              <templateId root="2.16.840.1.113883.10.20.17.3.8.1"/>
              <id root="05094199-bc66-4ab5-a2fa-6b7b66b2ace0"/>
              <code code="252116004"
codeSystem="2.16.840.1.113883.6.96" displayName="Observation
Parameters"/>
              <effectiveTime>
                <low value="20260630183000"/>
                <high value="20270629183000"/>
              </effectiveTime>
            </act>
          </entry>
        </section>
      </component>
```

```
      <component>
        <section>
          <templateId root="2.16.840.1.113883.10.20.17.2.4"/>
          <templateId root="2.16.840.1.113883.10.20.24.2.1"
extension="2021-08-01"/>
          <templateId root="2.16.840.1.113883.10.20.24.2.1.1"
extension="2022-02-01"/>
          <code code="55188-7" codeSystem="2.16.840.1.113883.6.1"
displayName="Patient Data" codeSystemName="LOINC"/>
          <title>Patient Data</title>
          <text/>
          <entry>
            <encounter classCode="ENC" moodCode="EVN">
              <templateId extension="2015-08-01"
root="2.16.840.1.113883.10.20.22.4.49"/>
              <templateId extension="2021-08-01"
root="2.16.840.1.113883.10.20.24.3.23"/>
              <id root="1.3.6.1.4.1.115" extension="7021"/>
              <code code="99213" codeSystem="2.16.840.1.113883.6.12"
codeSystemName="CPT" displayName="Office Visit"/>
              <text>Office Visit</text>
              <statusCode code="completed"/>
              <effectiveTime>
                <low value="20250215080000"/>
                <high value="20250215090000"/>
              </effectiveTime>
            </encounter>
          </entry>
```

```
          <entry>
            <observation classCode="OBS" moodCode="EVN">
              <templateId root="2.16.840.1.113883.10.20.24.3.38"
extension="2021-08-01"/>
              <id root="1.3.6.1.4.1.115" extension="lab-4548-4"/>
              <code code="4548-4" codeSystem="2.16.840.1.113883.6.1"
codeSystemName="LOINC" displayName="Hemoglobin A1c / Hemoglobin.total
in Blood"/>
              <statusCode code="completed"/>
              <effectiveTime value="20260428"/>
              <entryRelationship typeCode="COMP">
                <observation classCode="OBS" moodCode="EVN">
                  <templateId root="2.16.840.1.113883.10.20.24.3.45"
extension="2021-08-01"/>
                  <code code="4548-4"
codeSystem="2.16.840.1.113883.6.1" displayName="Hemoglobin A1c /
Hemoglobin.total in Blood"/>
                  <statusCode code="completed"/>
                  <effectiveTime value="20260428"/>
                  <value xsi:type="PQ" value="11" unit="%"/>
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            </observation>
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extension="2021-08-01"/>
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displayName="Concern"/>
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extension="2015-08-01"/>
                  <templateId root="2.16.840.1.113883.10.20.24.3.135"
extension="2021-08-01"/>
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                    <translation code="282291009"
codeSystem="2.16.840.1.113883.6.96"/>
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displayName="SNOMEDCT">
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codeSystem="2.16.840.1.113883.6.90" codeSystemName="ICD10CM"/>
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          </entry>
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extension="2021-08-01"/>
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codeSystem="2.16.840.1.113883.6.96" codeSystemName="SNOMEDCT"/>
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              <statusCode code="completed"/>
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                <high value="20250730081500"/>
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              <author>
                <templateId root="2.16.840.1.113883.10.20.24.3.155"
extension="2019-12-01"/>
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                <assignedAuthor>
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                </assignedAuthor>
              </author>
            </act>
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root="2.16.840.1.113883.10.20.22.4.49"/>
              <templateId extension="2021-08-01"
root="2.16.840.1.113883.10.20.24.3.23"/>
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codeSystem="2.16.840.1.113883.6.1" displayName="Payment source"/>
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Payment Typology"/>
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</ClinicalDocument>
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Applicable Standards

- **CDA R2:** HL7 Clinical Document Architecture Release 2 (ISO/HL7 27932:2009)
- **eCQM Annual Update:** CMS annual eCQM specifications published via eCQI Resource Center (ecqi.healthit.gov)
- **SNOMED CT:** Systematized Nomenclature of Medicine – Clinical Terms
- **LOINC:** Logical Observation Identifiers Names and Codes
- **RxNorm:** Clinical drug nomenclature (NLM)
- **ICD-10-CM / ICD-10-PCS:** International Classification of Diseases, 10th Revision
- **CPT-4:** Current Procedural Terminology, 4th Edition (AMA)
- **CVX:** CDC Vaccine Administered code set
- **UCUM:** Unified Code for Units of Measure