HL7 CDA® R2 Implementation Guide:

Personal Advance Care Plan (PACP) Document

Edition 1 STU3 – US Realm

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Specification: Personal Advance Care Plan (PACP)

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Logical Observation Identifiers Names & Codes (LOINC®)	Regenstrief Institute
International Classification of Diseases (ICD) codes	World Health Organization (WHO)
NUCC Health Care Provider Taxonomy code set	American Medical Association. Please see www.nucc.org. AMA licensing contact: 312-464-5022 (AMA IP services)

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1.1 *Personal Advance Care Plan Document*

```
[ClinicalDocument: identifier urn:hl7ii:2.16.840.1.113883.4.823.1.1.1:2023-
08-28 (open)]
```

```
Draft as part of Personal Advance Care Plan V4
```

Table 1: Personal Advance Care Plan Document Contexts

Contained By:	Contains:
	Healthcare Agent Appointment Section (optional)
	Administrative Information Section (optional)
	GPP for Certain Conditions Section (optional)
	GPP Upon Death Section (optional)
	Additional Documentation Section (optional)
	GPP Personal Care Experience Section (optional)
	Witness and Notary Section (optional)

This template is used to create a person generated document which is authored by the subject of the document (the recordTarget). It contains information about the person's goals, preferences, and priorities (GPPs) for care and treatment under potential future conditions.

The document may contain a structured body, or it may contain a non-xml body that includes the personal advance care plan information by reference to a document with a supported file format or by embedding the information.

The design of this document template takes into consideration the design of the Advance Directives Section template used in Clinical Summary Documents. Information within the Advance Directives Section of a Clinical Summary is intended to reference a PACP document and its content.

Format Codes for these types of documents are as follows:

Code: urn:hl7-org:sdwg:pacp-structuredBody:1.3.1
System: **http://terminology.hl7.org/CodeSystem/v3-HL7DocumentFormatCodes**
Display: pacp-structuredBody:1.3.1
Definition: PACP 1.3.1 constraints using a structured body

Code: urn:hl7-org:sdwg:pacp-nonXMLBody:1.3.1
System: **http://terminology.hl7.org/CodeSystem/v3-HL7DocumentFormatCodes**
Display: pacp-nonXMLBody:1.3.1
Definition: PACP 1.3.1 constraints using a non structured body

1. **SHALL** contain exactly one [1..1] **templateId** (CONF:5547-32944) such that it
   a. **SHALL** contain exactly one [1..1] **@root**="2.16.840.1.113883.4.823.1.1.1" (CONF:5547-32945).
   b. **SHALL** contain exactly one [1..1] **@extension**="2023-08-28" (CONF:5547-32946).
2. **SHALL** contain exactly one [1..1] **code** (CONF:5547-33335).
   a. This code **SHALL** contain exactly one [1..1] **@code**, which **SHALL** be selected from ValueSet **Personal Advance Directive Document Types** urn:oid:2.16.840.1.113762.1.4.1115.22 **DYNAMIC** (CONF:5547-33339).

b. This code **SHALL** contain exactly one [1..1]
   @codeSystem="2.16.840.1.113883.6.1" (CodeSystem: LOINC
   urn:oid:2.16.840.1.113883.6.1) (CONF:5547-33340).

c. This code **SHALL** contain exactly one [1..1] **@displayName** (CONF:5547-33538).

3. **MAY** contain zero or one [0..1] **sdtc:statusCode** (CONF:5547-34135).

   a. The sdtc:statusCode, if present, **SHALL** contain exactly one [1..1] **@code**, which **SHALL**
      be selected from ValueSet **ActStatus** urn:oid:2.16.840.1.113883.1.11.15933
      STATIC 2023-08-28 (CONF:5547-34136).

4. **MAY** contain zero or one [0..1] **setId** (CONF:5547-33342).

5. **SHOULD** contain zero or one [0..1] **versionNumber** (CONF:5547-33343).

A PACP document has EITHER exactly one [1..1] nonXMLBody OR exactly one [1..1]
structuredBody. The BodyChoice constraint is imposed by the base CDA standard.

Use the structured body when the PACP information is being represented within CDA sections
of the document. Use the non-XMLBody when the PACP is embedded or referenced as
unstructured information.

6. **SHALL** contain exactly one [1..1] **component** (CONF:5547-32995) such that it

   a. **MAY** contain zero or one [0..1] **nonXMLBody** (CONF:5547-33345).

      i. The nonXMLBody, if present, **SHALL** contain exactly one [1..1] **text**
         (CONF:5547-33346) such that it

         1. **MAY** contain zero or one [0..1] **@representation**="B64"
            (CONF:5547-33348).

         2. **MAY** contain zero or one [0..1] **@mediaType**, which **MAY** be selected
            from ValueSet **SupportedFileFormats**
            urn:oid:2.16.840.1.113883.11.20.7.1 **DYNAMIC** (CONF:5547-
            33349).

         3. **MAY** contain zero or one [0..1] **reference** (CONF:5547-33347).

            a. The reference, if present, **SHALL** contain exactly one [1..1]
               @value (CONF:5547-33350).

         4. The text element **SHALL** contain EITHER a representation and
            mediaType OR a reference (CONF:5547-33351).

   b. **MAY** contain zero or one [0..1] **structuredBody** (CONF:5547-32996).

      i. The structuredBody, if present, **SHALL** contain exactly one [1..1] **component**
         (CONF:5547-32997) such that it

         1. **SHALL** contain exactly one [1..1] **Administrative Information
            Section** (identifier:
            urn:hl7ii:2.16.840.1.113883.4.823.1.3.7:2023-08-28)
            (CONF:5547-32998).

      ii. The structuredBody, if present, **SHALL** contain exactly one [1..1] **component**
          (CONF:5547-33638) such that it

         1. **SHALL** contain exactly one [1..1] **Healthcare Agent Appointment
            Section** (identifier:
            urn:hl7ii:2.16.840.1.113883.4.823.1.3.3:2022-03-25)
            (CONF:5547-33639).

iii. The structuredBody, if present, **MAY** contain zero or one [0..1] **component** (CONF:5547-33640) such that it

    1. **SHALL** contain exactly one [1..1] **GPP Personal Care Experience Section** (identifier: urn:hl7ii:2.16.840.1.113883.4.823.1.3.6:2023-08-28) (CONF:5547-33641).

iv. The structuredBody, if present, **MAY** contain zero or one [0..1] **component** (CONF:5547-33642) such that it

    1. **SHALL** contain exactly one [1..1] **GPP for Certain Conditions Section** (identifier: urn:hl7ii:2.16.840.1.113883.4.823.1.3.4:2023-08-28) (CONF:5547-33643).

v. The structuredBody, if present, **MAY** contain zero or one [0..1] **component** (CONF:5547-33644) such that it

    1. **SHALL** contain exactly one [1..1] **GPP Upon Death Section** (identifier: urn:hl7ii:2.16.840.1.113883.4.823.1.3.5:2023-08-28) (CONF:5547-33645).

vi. The structuredBody, if present, **SHOULD** contain zero or one [0..1] **component** (CONF:5547-33646) such that it

    1. **SHALL** contain exactly one [1..1] **Witness and Notary Section** (identifier: urn:hl7ii:2.16.840.1.113883.4.823.1.3.9:2023-08-28) (CONF:5547-33647).

vii. The structuredBody, if present, **MAY** contain zero or one [0..1] **component** (CONF:5547-33813) such that it

    1. **SHALL** contain exactly one [1..1] **Additional Documentation Section** (identifier: urn:hl7ii:2.16.840.1.113883.4.823.1.3.8:2023-08-28) (CONF:5547-33814).

Figure 1: Personal Advance Care Plan Document - Level Two Example

```xml
<ClinicalDocument
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
  xsi:schemaLocation="urn:hl7-org:v3 20201029_SDTC/infrastructure/cda/CDA_SDTC.xsd"
  xmlns="urn:hl7-org:v3"
xmlns:sdtc="urn:hl7-org:sdtc">
  <realmCode code="US" />
  <typeId root="2.16.840.1.113883.1.3" extension="POCD_HD000040" />
<!-- C-CDA Patient Generated Document Header -->
  <templateId root="2.16.840.1.113883.10.20.29.1" extension="2015-08-01" />
<!-- PACP Document Header -->
  <templateId root="2.16.840.1.113883.4.823.1.2.1" extension="2023-08-28" />
<!-- PACP Document -->
  <templateId root="2.16.840.1.113883.4.823.1.1.1" extension="2023-08-28" />
  <id root="2.16.840.1.113883.3.3208.101.4.27.1"
extension="20130607100315-CCDA-CCD-2701" />
  <code code="81334-5" codeSystem="2.16.840.1.113883.6.1"
codeSystemName="LOINC" displayName="Personal advance care plan" />
  <title mediaType="text/plain" representation="TXT">
Betsy's Personal Advance Care Plan Document (Version 1)</title>
  <effectiveTime value="202005011429-0500" />
  <confidentialityCode code="N" codeSystem="2.16.840.1.113883.5.25" displayName="normal" />
  <languageCode code="en-US" />
  <setId root="2.16.840.1.113883.3.3208.101.737" extension="20130607100315-CCDA-678" />
  <versionNumber value="1" />
  <recordTarget>
. . .
  </recordTarget>
  <author>
. . .
  </author>
  <dataEnterer>
. . .
  </dataEnterer>
  <custodian>
. . .
  </custodian>
  <authenticator>
. . .
  </authenticator>
  <participant typeCode="DEV">
. . .
  </participant>
<!-- CDA Body -->
  <component>
    <structuredBody>
      <component>
        <section>
          <templateId root="2.16.840.1.113883.4.823.1.3.7" extension="2023-08-28" />
          <code code="81381-6" codeSystem="2.16.840.1.113883.6.1" codeSystemName="LOINC"
 displayName="Administrative information associated with this personal advance care plan"
/>
          <title mediaType="text/plain" representation="TXT" language="en-
US">Administrative Information</title>
. . .
        </section>
```

```xml
      </component>
      <component>
        <section>
          <templateId root="2.16.840.1.113883.4.823.1.3.3" extension="2022-03-25" />
          <code code="81335-2" codeSystem="2.16.840.1.113883.6.1" codeSystemName="LOINC"
 displayName="Patient Healthcare agent" />
          <title mediaType="text/plain" representation="TXT" language="en-US">Healthcare
Agent Appointment</title>
. . .
        </section>
      </component>
      <component>
        <section>
          <templateId root="2.16.840.1.113883.4.823.1.3.6" extension="2023-08-28" />
          <code code="81338-6" codeSystem="2.16.840.1.113883.6.1" codeSystemName="LOINC"
 displayName="Patient Goals, preferences, and priorities for care experience" />
          <title mediaType="text/plain" representation="TXT" language="en-US">Care
Experience Preferences</title>
. . .
        </section>
      </component>
      <component>
        <section>
          <templateId root="2.16.840.1.113883.4.823.1.3.4" extension="2023-08-28" />
          <code code="81336-0" codeSystem="2.16.840.1.113883.6.1" codeSystemName="LOINC"
 displayName="Patient Goals, preferences, and priorities under certain health conditions"
/>
          <title mediaType="text/plain" representation="TXT" language="en-US">Healthcare
Goals and Treatment Preferences</title>
. . .
        </section>
      </component>
      <component>
        <section>
          <templateId root="2.16.840.1.113883.4.823.1.3.5" extension="2023-08-28" />
          <code code="81337-8" codeSystem="2.16.840.1.113883.6.1" codeSystemName="LOINC"
 displayName="Patient Goals, preferences, and priorities upon death" />
          <title mediaType="text/plain" representation="TXT" language="en-US">Preferences
Upon Death</title>
. . .
        </section>
      </component>
      <component>
        <section>
          <templateId root="2.16.840.1.113883.4.823.1.3.9" extension="2023-08-28" />
          <code code="81339-4" codeSystem="2.16.840.1.113883.6.1" codeSystemName="LOINC"
 displayName="Witness and notary Document" />
          <title mediaType="text/plain" representation="TXT" language="en-US">Witnesses and
Notary</title>
. . .
        </section>
      </component>
      <component>
        <section>
          <templateId root="2.16.840.1.113883.4.823.1.3.8" extension="2023-08-28" />
          <code code="77599-9" codeSystem="2.16.840.1.113883.6.1" codeSystemName="LOINC"
 displayName="Additional documentation" />
```

```
            <title mediaType="text/plain" representation="TXT" language="en-US">Additional
Documentation Section Contexts</title>
. . .
          </section>
       </component>
     </structuredBody>
  </component>
</ClinicalDocument>
```

Figure 2: Personal Advance Care Plan Document - Embedded Example

```
<ClinicalDocument
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
  xsi:schemaLocation="urn:hl7-org:v3 20201029_SDTC/infrastructure/cda/CDA_SDTC.xsd"
  xmlns="urn:hl7-org:v3"
xmlns:sdtc="urn:hl7-org:sdtc">
  <realmCode code="US" />
  <typeId root="2.16.840.1.113883.1.3" extension="POCD_HD000040" />
<!-- C-CDA Patient Generated Document Header -->
  <templateId root="2.16.840.1.113883.10.20.29.1" extension="2015-08-01" />
<!-- PACP Document Header -->
  <templateId root="2.16.840.1.113883.4.823.1.2.1" extension="2023-08-28" />
<!-- PACP Document -->
  <templateId root="2.16.840.1.113883.4.823.1.1.1" extension="2023-08-28" />
  <id root="2.16.840.1.113883.3.3208.101.4.27.1"
extension="20130607100315-CCDA-CCD-2701" />
  <code code="81334-5" codeSystem="2.16.840.1.113883.6.1"
codeSystemName="LOINC" displayName="Personal advance care plan" />
  <title mediaType="text/plain" representation="TXT">
Betsy's Personal Advance Care Plan Document (Version 1)</title>
. . .
<!-- CDA nonXML Body -->
  <component>
        <nonXMLBody>
            <text mediaType="application/pdf" representation="B64">
                JVBERi0xLjQKJdPr6eEKMSAwIG9iago8PC9DcmVhdG9yIChNb3ppbGxh
. . .
  NiAwIFIKL0luZm8gMSAwIFI+PgpzdGFydHhyZWYKMTc3NTAzCiUlRU9G
            </text>
        </nonXMLBody>
  </component>
</ClinicalDocument>
```

Figure 3: Personal Advance Care Plan Document - Referenced Example

```
<ClinicalDocument
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
  xsi:schemaLocation="urn:hl7-org:v3 20201029_SDTC/infrastructure/cda/CDA_SDTC.xsd"
  xmlns="urn:hl7-org:v3"
xmlns:sdtc="urn:hl7-org:sdtc">
  <realmCode code="US" />
  <typeId root="2.16.840.1.113883.1.3" extension="POCD_HD000040" />
<!-- C-CDA Patient Generated Document Header -->
  <templateId root="2.16.840.1.113883.10.20.29.1" extension="2015-08-01" />
<!-- PACP Document Header -->
  <templateId root="2.16.840.1.113883.4.823.1.2.1" extension="2023-08-28" />
<!-- PACP Document -->
  <templateId root="2.16.840.1.113883.4.823.1.1.1" extension="2023-08-28" />
  <id root="2.16.840.1.113883.3.3208.101.4.27.1"
extension="20130607100315-CCDA-CCD-2701" />
  <code code="81334-5" codeSystem="2.16.840.1.113883.6.1"
codeSystemName="LOINC" displayName="Personal advance care plan" />
  <title mediaType="text/plain" representation="TXT">
Betsy's Personal Advance Care Plan Document (Version 1)</title>
. . .
<!-- CDA nonXML Body -->
  <component>
        <nonXMLBody>
            <text>
 <!--This example assumes the pdf is
  in the same directory as the CDA document.-->
 <!--Assumptions about file location
  need to be addressed by implementation.-->
 <reference value="Betsy's Personal Advance Care Plan Document.pdf"/>
            </text>
        </nonXMLBody>
  </component>
</ClinicalDocument>
```

1.2   Personal Advance Care Plan Header

```
[ClinicalDocument: identifier urn:hl7ii:2.16.840.1.113883.4.823.1.2.1:2023-
08-28 (open)]

Draft as part of Personal Advance Care Plan V4
```

This template is a further constraint of the US Realm Patient Generated Document Header (V2). The additional constraints address specific exchange requirements for a document containing a person's advance care plan information.

In the cases where the recordTarget is not able to "write" the PACP contents due to literacy constraints or physical disability, e.g. hemiplegia, the recordTarget/subject is still considered author of the content, and a data enterer will fill the role of physically creating the document by entering the author's requested information into the system used to create the document.

The legalAuthenticator role is not used in a PACP. All signers are represented in authenticator roles so as not to conflict with guidance provided for HL7 CDA POLST Implmentation Guide documents.

The participation for assembler is consistent with the C-CDA template for assembler and includes that template ID from the C-CDA Companion Guide.

1. Conforms to US Realm Header for Patient Generated Document (V2) template (identifier: urn:hl7ii:2.16.840.1.113883.10.20.29.1:2015-08-01).

2. **SHALL** contain exactly one [1..1] **templateId** (CONF:5547-28458) such that it

    a. **SHALL** contain exactly one [1..1] **@root**="2.16.840.1.113883.4.823.1.2.1" (CONF:5547-28459).

    b. **SHALL** contain exactly one [1..1] **@extension**="2023-08-28" (CONF:5547-32917).

The recordTarget records the patient whose advance care plan directives are described by the clinical document. Each recordTarget must contain at least one patientRole element.
HL7 Vocabulary simply describes guardian as a relationship to a ward. This need not be a formal legal relationship. When a guardian relationship exists for the patient, it can be represented, regardless of who is present at the time the document is generated. A child's parent can be represented in the guardian role. In this case, the guardian/code element would encode the personal relationship of "mother" for the child's mom or "father" for the child's dad. An elderly person's child can be represented in the guardian role. In this case, the guardian/code element would encode the personal relationship of "daughter" or "son", or if a legal relationship existed, the relationship of "legal guardian" could be encoded.

3. **SHALL** contain exactly one [1..1] **recordTarget** (CONF:5547-28460).

    a. This recordTarget **SHALL** contain exactly one [1..1] **patientRole** (CONF:5547-28461).

        i. This patientRole **SHALL** contain at least one [1..*] **id** (CONF:5547-28462).

        ii. This patientRole **SHALL** contain exactly one [1..1] **patient** (CONF:5547-28465).

            1. This patient **SHALL** contain exactly one [1..1] **administrativeGenderCode**, which **SHALL** be selected from ValueSet **Administrative Gender (HL7 V3)** urn:oid:2.16.840.1.113883.1.11.1 **DYNAMIC** (CONF:5547-33889).

            2. This patient **SHOULD** contain zero or one [0..1] **maritalStatusCode**, which **SHALL** be selected from ValueSet **Marital Status** urn:oid:2.16.840.1.113883.1.11.12212 **DYNAMIC** (CONF:5547-33890).

            3. This patient **MAY** contain zero or one [0..1] **religiousAffiliationCode**, which **SHALL** be selected from ValueSet **Religious Affiliation** urn:oid:2.16.840.1.113883.1.11.19185 **DYNAMIC** (CONF:5547-33891).

            4. This patient **SHOULD** contain zero or one [0..1] **raceCode**, which **SHALL** be selected from ValueSet **Race Category Excluding Nulls** urn:oid:2.16.840.1.113883.3.2074.1.1.3 **DYNAMIC** (CONF:5547-33892).

            5. This patient **MAY** contain zero or more [0..*] **sdtc:raceCode**, which **SHALL** be selected from ValueSet **Race Value Set** urn:oid:2.16.840.1.113883.1.11.14914 **DYNAMIC** (CONF:5547-33888).

Note: The sdtc:raceCode is only used to record additional values when the patient has indicated multiple races or additional race detail beyond the five categories required for Meaningful Use Stage 2. The prefix sdtc: SHALL be bound to the namespace urn:hl7-org:sdtc. The use of the namespace provides a necessary extension to CDA R2 for the use of the additional raceCode elements.

   a. If sdtc:raceCode is present, then the patient **SHALL** contain [1..1] raceCode (CONF:5547-33893).

6. This patient **SHOULD** contain zero or one [0..1] `ethnicGroupCode`, which **SHALL** be selected from ValueSet **Ethnicity** `urn:oid:2.16.840.1.114222.4.11.837` **DYNAMIC** (CONF:5547-33894).

7. This patient **MAY** contain zero or more [0..*] `sdtc:ethnicGroupCode`, which **SHALL** be selected from ValueSet **Detailed Ethnicity** `urn:oid:2.16.840.1.114222.4.11.877` **DYNAMIC** (CONF:5547-33895).

8. This patient **MAY** contain zero or more [0..*] `guardian` (CONF:5547-28469).
Note: If the subject of the document has more than one guardian, this structure can be used to represent each guardian.

   a. The guardian, if present, **SHOULD** contain zero or more [0..*] `id` (CONF:5547-28470).

   b. The guardian, if present, **SHALL** contain exactly one [1..1] `code`, which **SHALL** be selected from ValueSet **Personal And Legal Relationship Role Type** `urn:oid:2.16.840.1.113883.11.20.12.1` **DYNAMIC** (CONF:5547-28473).

9. This patient **SHOULD** contain zero or more [0..*] `languageCommunication`, which **SHALL** be selected from ValueSet **Language** `urn:oid:2.16.840.1.113883.1.11.11526` **DYNAMIC** (CONF:5547-28474).

   a. The languageCommunication, if present, **MAY** contain zero or one [0..1] `modeCode`, which **SHALL** be selected from ValueSet **LanguageAbilityMode** `urn:oid:2.16.840.1.113883.1.11.12249` **DYNAMIC** (CONF:5547-33896).

   b. The languageCommunication, if present, **SHOULD** contain zero or one [0..1] `proficiencyLevelCode`, which **SHALL** be selected from ValueSet **LanguageAbilityProficiency** `urn:oid:2.16.840.1.113883.1.11.12199` **DYNAMIC** (CONF:5547-33897).

   c. The languageCommunication, if present, **SHOULD** contain zero or one [0..1] `preferenceInd` (CONF:5547-28475).
Note: Indicates a preference for information about care delivery and treatments be communicated (or translated if needed) into this language.

If more than one languageCommunication is present, only one languageCommunication element SHALL have a preferenceInd with a value of 1.

If present, this organization represents the provider organization where the person is claiming to be a patient.

      iii. This patientRole **MAY** contain zero or one [0..1] **providerOrganization** (CONF:5547-28476).
          Note: If present, this organization represents the provider organization where the person is claiming to be a patient.

The author element represents the creator of the clinical document content. In this case of a Personal Advance Care Plan, the subject of the document (the recordTarget) is always the author as well.

4. **SHALL** contain exactly one [1..1] **author** (CONF:5547-28477).
Note: In the cases where the recordTarget is not able to "write" the PACP contents due to literacy constraints or physical disability, e.g. hemiplegia, the recordTarget/subject is still considered author of the content, and a data enterer will fill the role of physically creating the document by entering the author's requested information into the system used to create the document
    a. This author **MAY** contain zero or one [0..1] **functionCode** (CONF:5547-33545) such that it
        i. **SHALL** contain exactly one [1..1] **@code**="11654003" (CodeSystem: SNOMED CT urn:oid:2.16.840.1.113883.6.96 **STATIC**) (CONF:5547-33546).
    b. This author **SHALL** contain exactly one [1..1] **assignedAuthor** (CONF:5547-28478).
        i. This assignedAuthor **SHALL** contain at least one [1..*] **id** (CONF:5547-28479).
        ii. This assignedAuthor **SHOULD** contain zero or one [0..1] **code** (CONF:5547-28481).
           1. The code, if present, **SHALL** contain exactly one [1..1] **@code**="ONESELF" (CodeSystem: HL7RoleCode urn:oid:2.16.840.1.113883.5.111 **STATIC**) (CONF:5547-28676).
        iii. This assignedAuthor **SHALL** contain exactly one [1..1] **assignedPerson** (CONF:5547-33366).
           1. The assignedPerson **SHALL** be the recordTarget of the document. The reference to the recordTarget **MAY** use the id of the recordTarget (CONF:5547-33367).

To indicate the name of the system used to assemble the person's original advance care planning information into a document for exchange, use a participant with typeCode DEV and assignedEntity classCode of ASSEMBLER. No personal advance care plan information is "authored" by a device. The information in a Personal Advance Care Plan document represents the person's own thoughts only.

      iv. This assignedAuthor **SHALL NOT** contain [0..0] **assignedAuthoringDevice** (CONF:5547-33108).

The dataEnterer element represents the person who transferred the content of the person's directives (written or spoken) into the system used to create the document. The guiding rule of

thumb is that an author provides the content found within the header or body of the document, subject to their own interpretation, and the dataEnterer adds that information to the electronic system. In other words, a dataEnterer records information provided by the author. If the dataEnterer is missing, this role is assumed to be played by the author.

5. **MAY** contain zero or one [0..1] **dataEnterer** (CONF:5547-28678).
   a. The dataEnterer, if present, **SHALL** contain exactly one [1..1] **assignedEntity** (CONF:5547-28679).
      i. This assignedEntity **MAY** contain zero or one [0..1] **code**, which **SHOULD** be selected from ValueSet **Personal And Legal Relationship Role Type** urn:oid:2.16.840.1.113883.11.20.12.1 **DYNAMIC** (CONF:5547-28680).

The custodian element represents the organization or person that is in charge of maintaining the document. The custodian is the steward that is entrusted with the care of the "original" source document. Every CDA document has exactly one custodian. The custodian participation satisfies the CDA definition of Stewardship. Because CDA is an exchange standard and may not represent the original form of the authenticated document (e.g., CDA could include scanned copy of original), the custodian represents the steward of the original source document. The custodian may be the document originator, a health information exchange, or other responsible party. Also, the custodian may be the patient or an organization acting on behalf of the patient, such as a PHR organization.

6. **SHALL** contain exactly one [1..1] **custodian** (CONF:5547-28685).
   a. This custodian **SHALL** contain exactly one [1..1] **assignedCustodian** (CONF:5547-28686).

The representedCustodianOrganization may be the person when the document is not maintained by an organization.

   i. This assignedCustodian **SHALL** contain exactly one [1..1] **representedCustodianOrganization** (CONF:5547-28687).

The combined @root and @extension attributes record the custodian organization's identity in a secure, trusted, and unique way.

   1. This representedCustodianOrganization **SHALL** contain at least one [1..*] **id** (CONF:5547-28688).

The informationRecipient element records the intended recipient of the information at the time the document is created.

7. **MAY** contain zero or more [0..*] **informationRecipient** (CONF:5547-28690).
   a. The informationRecipient, if present, **SHALL** contain exactly one [1..1] **intendedRecipient** (CONF:5547-28691).

The combined @root and @extension attributes to record the information recipient's identity in a secure, trusted, and unique way.

   i. This intendedRecipient **SHOULD** contain zero or more [0..*] **id** (CONF:5547-28692).

For a provider, the id/@root ="2.16.840.1.113883.4.6" indicates the National Provider Identifier where id/@extension is the NPI number for the provider.

The ids reference the id of a person or organization entity specified elsewhere in the document.

1. The id, if present, **SHOULD** contain zero or one [0..1] **@root** (CONF:5547-28693).

8. **MAY** contain zero or more [0..*] **authenticator** (CONF:5547-28699).
   Note: The authenticator element represents each entity that sign the Personal Advance Care Plan document (i.e. Witness, Notary, or Asserter of Authentic Copy). Their information should be represented in an authenticator structure along with their digital signature if they digitally signed the document. Their information also is present in the body of the document to indicate the specific participation type and role. The entry in the body carries the same id as the id of the associated authenticator for linking the information together.

   a. The authenticator, if present, **SHALL** contain exactly one [1..1] **assignedEntity** (CONF:5547-28700).

   The combined @root and @extension attributes record the authenticator's identity. This id is also used to identify this entity in the body of document where their participation type and role are recorded

       i. This assignedEntity **SHALL** contain at least one [1..*] **id** (CONF:5547-28701).
       ii. This assignedEntity **SHOULD** contain zero or one [0..1] **code**, which **SHOULD** be selected from ValueSet **Personal And Legal Relationship Role Type** urn:oid:2.16.840.1.113883.11.20.12.1 **DYNAMIC** (CONF:5547-28702).
       iii. This assignedEntity **MAY** contain zero or one [0..1] **addr** (CONF:5547-33867).
       iv. This assignedEntity **MAY** contain zero or more [0..*] **telecom** (CONF:5547-33868).
       v. This assignedEntity **SHOULD** contain zero or one [0..1] **assignedPerson** (CONF:5547-33866).
           1. The assignedPerson, if present, **SHALL** contain exactly one [1..1] **name** (CONF:5547-33869).

9. **MAY** contain zero or one [0..1] **participant** (CONF:5547-28703) such that it
   a. **SHALL** contain exactly one [1..1] **@typeCode**="DEV" (CONF:5547-28704).
   b. **SHALL** contain exactly one [1..1] **functionCode**="assembler" (CodeSystem: ProvenanceParticipantType urn:oid:2.16.840.1.113883.4.642.4.1131) (CONF:5547-33883).
   c. **SHOULD** contain zero or one [0..1] **time** (CONF:5547-33878).
   d. **SHALL** contain exactly one [1..1] **associatedEntity** (CONF:5547-28705) such that it

   If the assignedEntity is attesting to the document being an authentic copy of the original, then at least one id SHOULD match the id of the performer in the Notarized Copy entry. If the assignedEntity is witnessing the creation of the PACP, then at least one id SHOULD match the id of the performer in the Witness Observation entry. If the assignedEntity is notarizing the identity of the person(s) signing the PACP, then at least one id SHOULD match the id of the performer in the Notary Observation entry.

       i. **MAY** contain zero or more [0..*] **id** (CONF:5547-33956).
       ii. **SHALL** contain exactly one [1..1] **scopingOrganization** (CONF:5547-33501).
           1. This scopingOrganization **SHALL** contain exactly one [1..1] **id** (CONF:5547-33879).

2. This scopingOrganization **SHALL** contain exactly one [1..1] **name** (CONF:5547-33880).
3. This scopingOrganization **SHOULD** contain zero or more [0..*] **telecom** (CONF:5547-33881).
4. This scopingOrganization **SHOULD** contain zero or more [0..*] **addr** (CONF:5547-33882).

10. **MAY** contain zero or more [0..*] **participant** (CONF:5547-33499) such that it
Note: The participant element identifies other supporting participants, including parents, relatives, next of kin, caregivers, insurance policyholders, guarantors, and other participants related in some way to the patient. A supporting person or organization is an individual or an organization with a relationship to the patient. A supporting person who is playing multiple roles would be recorded in multiple participants (e.g., emergency contact and next-of-kin)

   a. **SHALL** contain exactly one [1..1] **@typeCode** (CONF:5547-33503).
   Note: Note: When participant/@typeCode is IND, select associatedEntity/@classCode from ValueSet 2.16.840.1.113883.11.20.9.33 INDRoleclassCodes
   b. **SHALL** contain exactly one [1..1] **associatedEntity** (CONF:5547-33500) such that it
      i. **SHOULD** contain zero or one [0..1] **code**, which **SHOULD** be selected from ValueSet **Personal And Legal Relationship Role Type** urn:oid:2.16.840.1.113883.11.20.12.1 **DYNAMIC** (CONF:5547-33502).

11. **MAY** contain zero or more [0..*] **inFulfillmentOf** (CONF:5547-28707).
Note: If the Personal Advance Care Plan document was requested to be created by a specific request from a person or organization, then the requester and the requester's information may be included in the inFulfillmentOf element.

   a. The inFulfillmentOf, if present, **SHALL** contain exactly one [1..1] **order** (CONF:5547-28708).

A scheduled appointment or service event in a practice management system may be represented using this id element.

      i. This order **SHALL** contain at least one [1..*] **id** (CONF:5547-28709).

12. **MAY** contain zero or one [0..1] **relatedDocument** (CONF:5547-33012).

   a. The relatedDocument, if present, **SHALL** contain exactly one [1..1] **@typeCode**="RPLC" (CONF:5547-33506).
   Note: (CodeSystem: x_ActRelationshipDocument urn:oid:2.16.840.1.113883.1.11.11610)
   b. The relatedDocument, if present, **SHALL** contain exactly one [1..1] **parentDocument** (CONF:5547-33013) such that it
      i. **SHALL** contain at least one [1..*] **id** (CONF:5547-33014).
      Note: id shall reference a previously created Personal Advance Care Plan Document.
      ii. **SHALL** contain exactly one [1..1] **setId** (CONF:5547-33015).
      Note: The setId shall include the prior document's setId.
      iii. **SHALL** contain exactly one [1..1] **versionNumber** (CONF:5547-33016).
      Note: Note: The versionNumber holds the prior document's versionNumber.

Figure 4: Personal Advance Care Plan Header - Record Target

```
<recordTarget>
<patientRole>
    <id root="2.16.840.1.113883.4.823.1" extension="87f37989294a408897aacd1fc5d8fd16" />
    <patient classCode="PSN" determinerCode="INSTANCE">
    <name use="L">
        <given partType="GIV">Betsy</given>
        <family partType="FAM">Smith-Johnson</family>
    </name>
    <administrativeGenderCode code="F" codeSystem="2.16.840.1.113883.5.1"
codeSystemName="AdministrativeGender" displayName="Female" />
    <maritalStatusCode nullFlavor="NI" />
    <religiousAffiliationCode code="1034" codeSystem="2.16.840.1.113883.5.1076"
codeSystemName="ReligiousAffiliation" displayName="non-Roman Catholic" />
    <raceCode code="2106-3" codeSystem="2.16.840.1.113883.6.238" codeSystemName="CDCREC"
displayName="White" />
    <ethnicGroupCode nullFlavor="NI" />
    <languageCommunication>
        <languageCode code="en-US" />
        <modeCode nullFlavor="NI" />
        <proficiencyLevelCode nullFlavor="NI" />
        <preferenceInd value="true" />
    </languageCommunication>
    </patient>
</patientRole>
</recordTarget>
```

Figure 5: Personal Advance Care Plan Header - Author

```
  <author>
    <time value="202005011429-0500" />
    <assignedAuthor>
      <id root="2.16.840.1.113883.4.6" extension="66666" />
      <id root="2.16.840.1.113883.4.823.1" extension="87f37989294a408897aacd1fc5d8fd16" />
      <code code="ONESELF" codeSystem="2.16.840.1.113883.5.111" codeSystemName="RoleCode"
displayName="Self" />
      <addr use="HP">
        <streetAddressLine partType="SAL">111 Maple Court</streetAddressLine>
        <city partType="CTY">San Antonio</city>
        <state partType="STA">TX</state>
        <postalCode partType="ZIP">78212</postalCode>
        <country partType="CNT">US</country>
      </addr>
      <telecom value="tel:+12146745539" use="MC" />
      <assignedPerson classCode="PSN" determinerCode="INSTANCE">
      <name use="L">
        <given partType="GIV">Betsy</given>
        <family partType="FAM">Smith-Johnson</family>
      </name>
      </assignedPerson>
    </assignedAuthor>
  </author>
```

Figure 6: Personal Advance Care Plan Header - Custodian

```
  <custodian>
    <assignedCustodian>
      <representedCustodianOrganization>
        <id root="6b7db8a2-1c53-42aa-b4c4-c49c05406f97" extension="44444"  />
        <name>ADVault Inc</name>
        <telecom value="tel:+1(202)776-7700" use="WP" />
        <addr use="WP">
          <streetAddressLine partType="SAL">740 E. Campbell Rd. Suite
825</streetAddressLine>
          <city partType="CTY">Richardson</city>
          <state partType="STA">TX</state>
          <postalCode partType="ZIP">75081</postalCode>
          <country partType="CNT">US</country>
        </addr>
      </representedCustodianOrganization>
    </assignedCustodian>
  </custodian>
```

Figure 7: Personal Advance Care Plan Header - Authenticator

```
  <authenticator>
    <time value="202005011429-0500" />
    <signatureCode code="S" />
    <assignedEntity>
      <id root="2.16.840.1.113883.3.3208.101.3" extension="20211217144438-7124" />
      <code code="ONESELF" codeSystem="2.16.840.1.113883.5.111" codeSystemName="RoleCode"
displayName="Self">
        <originalText mediaType="text/plain" language="en-US">Self</originalText>
      </code>
      <addr use="HP">
        <streetAddressLine partType="SAL">111 Maple Court</streetAddressLine>
        <city partType="CTY">San Antonio</city>
        <state partType="STA">TX</state>
        <postalCode partType="ZIP">78212</postalCode>
        <country partType="CNT">US</country>
      </addr>
      <telecom value="tel:+12146745539" use="MC" />
      <telecom value="mailto:BetsySJ@example.com" />
      <assignedPerson classCode="PSN" determinerCode="INSTANCE">
        <name use="L">
          <given partType="GIV">Betsy</given>
          <family partType="FAM">Smith-Johnson</family>
        </name>
      </assignedPerson>
    </assignedEntity>
  </authenticator>
```

Figure 8: Personal Advance Care Plan Header - Data Enterer

```
  <dataEnterer>
    <assignedEntity>
      <id root="2.16.840.1.113883.4.6" extension="66666" />
      <code code="ONESELF" codeSystem="2.16.840.1.113883.5.111" codeSystemName="RoleCode"
displayName="Self">
        <originalText mediaType="text/plain" language="en-US" />
      </code>
      <addr use="HP">
        <streetAddressLine partType="SAL">111 Maple Court</streetAddressLine>
        <city partType="CTY">San Antonio</city>
        <state partType="STA">TX</state>
        <postalCode partType="ZIP">78212</postalCode>
        <country partType="CNT">US</country>
      </addr>
      <telecom value="tel:+12146745539" use="MC" />
      <telecom value="mailto:BetsySJ@example.com" />
      <assignedPerson classCode="PSN" determinerCode="INSTANCE">
        <name use="L">
          <given partType="GIV">Betsy</given>
          <family partType="FAM">Smith-Johnson</family>
        </name>
      </assignedPerson>
    </assignedEntity>
  </dataEnterer>
```

Figure 9: Personal Advance Care Plan Header - Person who provided assistance in creating the Advance Care Plan

```
<documentationOf>
        <serviceEvent classCode="ACT" moodCode="EVN">
            <effectiveTime>
                <!-- How long they spent making the document. -->
                <low value="20140731153000-0600"/>
                <high value="20140731155000-0600"/>
            </effectiveTime>
            <!-- Performer is a person who provides education and support -->
            <performer typeCode="PRF">
                <assignedEntity>
                    <id extension="123456" root="2.16.840.1.113883.4.6"/>
                    <code code="374T00000X" codeSystem="2.16.840.1.113883.6.101"
                        codeSystemName="HealthCareProviderTaxonomy" displayName="Nursing
Service Related Providers; Religious Nonmedical Nursing Personnel"/>
                    <addr use="HP">
                        <streetAddressLine>424 Nightingale Way</streetAddressLine>
                        <city>Silver Spring</city><state>IL</state>
                        <postalCode>20901</postalCode>
                        <country>US</country>
                    </addr>
                    <telecom value="tel:+1(301)444-1234" use="WP"/>
                    <assignedPerson>
                        <name use="L">
                                <given>Mary</given>
                                <family>Emerson</family>
                        </name>
                    </assignedPerson>
                </assignedEntity>
            </performer>
        </serviceEvent>
    </documentationOf>
```

Figure 10: Personal Advance Care Plan Header - Assembler

```
  <participant typeCode="DEV">
    <time value="202005011429-0500" />
    <associatedEntity classCode="OWN" >
      <code code="assembler" codeSystem="2.16.840.1.113883.4.642.4.1131"
codeSystemName="ProvenanceParticipationFunction" />
      <scopingOrganization>
        <id root="6b7db8a2-1c53-42aa-b4c4-c49c05406f97" extension="44444"  />
        <name use="L">ADVault, Inc.</name>
        <telecom use="WP" value="tel:+1(202)776-7700" />
        <addr use="WP">
          <streetAddressLine partType="SAL">740 E. Campbell Rd. Suite
825</streetAddressLine>
          <city partType="CTY">Richardson</city>
          <state partType="STA">TX</state>
          <postalCode partType="ZIP">75081</postalCode>
          <country partType="CNT">US</country>
        </addr>
      </scopingOrganization>

    </associatedEntity>
  </participant>
```

2 SECTION

2.1 *Additional Documentation Section*

```
[section: identifier urn:hl7ii:2.16.840.1.113883.4.823.1.3.8:2023-08-28
(open)]
```

```
Draft as part of Personal Advance Care Plan V4
```

Table 2: Additional Documentation Section Contexts

Contained By:	Contains:
Personal Advance Care Plan Document (optional)	Clause Observation (optional) DNR Observation (optional) PMO Observation (optional) Personal Advance Directive Document Observation (optional)

This section contains information about additional advance directive documents, such as portable medical orders (PMO), medical or physician orders for life sustaining treatment (MOLST or POLST) or Do Not Resuscitate Order (DNR) or other types of Personal Advance Directive Documents such as PACP, Living Will, Healthcare Agent Appointment, etc.. If additional documentation of this type exists, the entry contains information about the additional documentation and may contain a reference to that documentation.

Each state may have their own form for MOLST, POLST, DNR and Personal Advance Directive documents. A person may have multiple MOLST, POLST, DNR or Personal Advance Directive documents to meet requirements for different states relevant for their living and visiting situations.

1. **MAY** contain zero or one [0..1] **@nullFlavor**="NI" No Information (CodeSystem: HL7NullFlavor urn:oid:2.16.840.1.113883.5.1008) (CONF:5547-33562).
2. **SHALL** contain exactly one [1..1] **templateId** (CONF:5547-33547) such that it
   a. **SHALL** contain exactly one [1..1] **@root**="2.16.840.1.113883.4.823.1.3.8" (CONF:5547-33557).
   b. **SHALL** contain exactly one [1..1] **@extension**="2023-08-28" (CONF:5547-33558).
3. **SHALL** contain exactly one [1..1] **code** (CONF:5547-33548).
   a. This code **SHALL** contain exactly one [1..1] **@code**="77599-9" (CodeSystem: LOINC urn:oid:2.16.840.1.113883.6.1) (CONF:5547-33559).
   b. This code **SHALL** contain exactly one [1..1] **@codeSystem**="2.16.840.1.113883.6.1" (CONF:5547-33560).
   c. This code **SHALL** contain exactly one [1..1] **@displayName** (CONF:5547-33561).
4. **SHALL** contain exactly one [1..1] **title** (CONF:5547-33563).
5. **SHALL** contain exactly one [1..1] **text** (CONF:5547-33564).
6. **MAY** contain zero or more [0..*] **entry** (CONF:5547-33575) such that it
   a. **SHALL** contain exactly one [1..1] **PMO Observation** (identifier: urn:hl7ii:2.16.840.1.113883.4.823.1.4.8:2023-08-28) (CONF:5547-33576).
7. **MAY** contain zero or more [0..*] **entry** (CONF:5547-33811) such that it

a. **SHALL** contain exactly one [1..1] **DNR Observation** (identifier: urn:hl7ii:2.16.840.1.113883.4.823.1.4.18:2023-08-28) (CONF:5547-33812).

8. **MAY** contain zero or more [0..*] **entry** (CONF:5547-33700) such that it
   a. **SHALL** contain exactly one [1..1] **Clause Observation** (identifier: urn:hl7ii:2.16.840.1.113883.4.823.1.4.16:2022-03-25) (CONF:5547-33701).

9. **MAY** contain zero or more [0..*] **entry** (CONF:5547-34079) such that it
   a. **SHALL** contain exactly one [1..1] **Personal Advance Directive Document Observation** (identifier: urn:hl7ii:2.16.840.1.113883.4.823.1.4.23:2023-08-28) (CONF:5547-34080).

Figure 11: Additional Documentation Section Example

```
<section>
  <templateId root="2.16.840.1.113883.4.823.1.3.8" extension="2023-08-28" />
  <code code="77599-9" codeSystem="2.16.840.1.113883.6.1" codeSystemName="LOINC"
displayName="Additional documentation" />
  <title mediaType="text/plain" representation="TXT" language="en-US">Additional
Documentation Section</title>
  <text ID = "ADS">
    Active DNR as of 05/01/2020. Store in MyDirectives.com with ID DNRSmithJohnson20200501
  </text>
. . .
</section>
```

2.2 Administrative Information Section

[section: identifier urn:hl7ii:2.16.840.1.113883.4.823.1.3.7:2023-08-28 (open)]

Draft as part of Personal Advance Care Plan V4

Table 3: Administrative Information Section Contexts

Contained By:	Contains:
Personal Advance Care Plan Document (optional)	Clause Observation (optional) Author Attestation Observation (optional) Preference to Permit or Deny Future Changes Based on Mental Status (optional)

The information in this section is intended to relate to the document as a whole and should not be taken out of context or applied to only certain section of the document. Statements made by the subject-author about the document or its contents and the document subject-author's signature, as well as other administrative concepts and best practice guidance about the use of this information in the advance care planning process can all be found in this section.

1. **MAY** contain zero or one [0..1] **@nullFlavor**="NI" No Information (CodeSystem: HL7NullFlavor urn:oid:2.16.840.1.113883.5.1008) (CONF:5547-32992).

2. **SHALL** contain exactly one [1..1] `templateId` (CONF:5547-32986) such that it
    a. **SHALL** contain exactly one [1..1] `@root`="2.16.840.1.113883.4.823.1.3.7" (CONF:5547-32988).
    b. **SHALL** contain exactly one [1..1] `@extension`="2023-08-28" (CONF:5547-32989).
3. **SHALL** contain exactly one [1..1] `code` (CONF:5547-32987).
    a. This code **SHALL** contain exactly one [1..1] `@code`="81381-6" (CodeSystem: LOINC urn:oid:2.16.840.1.113883.6.1) (CONF:5547-32990).
    b. This code **SHALL** contain exactly one [1..1] `@codeSystem`="2.16.840.1.113883.6.1" (CONF:5547-32991).
    c. This code **SHALL** contain exactly one [1..1] `@displayName` (CONF:5547-33529).
4. **SHALL** contain exactly one [1..1] `title` (CONF:5547-32993).
5. **SHALL** contain exactly one [1..1] `text` (CONF:5547-32994).
6. **MAY** contain zero or more [0..*] `entry` (CONF:5547-33703) such that it
    a. **SHALL** contain exactly one [1..1] **Clause Observation** (identifier: urn:hl7ii:2.16.840.1.113883.4.823.1.4.16:2022-03-25) (CONF:5547-33704).
7. **MAY** contain zero or more [0..*] `entry` (CONF:5547-33848) such that it
    a. **SHALL** contain exactly one [1..1] **Preference to Permit or Deny Future Changes Based on Mental Status** (identifier: urn:hl7ii:2.16.840.1.113883.4.823.1.4.19:2023-08-28) (CONF:5547-33849).
8. **SHOULD** contain zero or one [0..1] `entry` (CONF:5547-33963) such that it
    a. **SHALL** contain exactly one [1..1] **Author Attestation Observation** (identifier: urn:hl7ii:2.16.840.1.113883.4.823.1.4.21:2023-08-28) (CONF:5547-33964).

Figure 12: Administrative Information Section Example

```xml
<component> <!-- code="81381-6" codeSystem="2.16.840.1.113883.6.1" codeSystemName="LOINC"
displayName="Administrative information associated with this personal advance care plan" --
>
  <section>
    <templateId extension="2023-08-28" root="2.16.840.1.113883.4.823.1.3.7"/>
    <code code="81381-6" codeSystem="2.16.840.1.113883.6.1" codeSystemName="LOINC"
     displayName="Administrative information associated with this personal advance care
plan"/>
    <title language="en-US" mediaType="text/plain" representation="TXT">Administrative
Information</title>
    <text>
                      <content styleCode="Bold">Signature of Author</content>
                      <br/>
                      <br/>
                      <table ID="Author-eSig">
                          <tbody>
                              <tr>
                                  <td>Signature:</td>
                                  <td>Betsy Smith-Johnson</td>
                              </tr>
                              <tr>
                                  <td>Date:</td>
                                  <td>05/01/2020, at 2:29pm PDT</td>
                              </tr>
                          </tbody>
                      </table>
                      <renderMultiMedia referencedObject="AuthorSign"/>
                      <table ID="Author-Info">
                          <tbody>
                              <tr>
                                  <td>Author Name:</td>
                                  <td>Betsy Smith-Johnson</td>
                              </tr>
                              <tr>
                                  <td>Author Address:</td>
                                  <td>111 Maple Court, San Antonio, OR, US 97229</td>
                              </tr>
                              <tr>
                                  <td>Author Telecom:</td>
                                  <td>12146745539</td>
                              </tr>
                              <tr>
                                  <td>Author Email:</td>
                                  <td>BetsySJ@example.com</td>
                              </tr>
                          </tbody>
                      </table>
                      <br/>
          </text>
          <entry>
            <observationMedia ID="AuthorSign" classCode="OBS" moodCode="EVN">
                      <value representation="B64" mediaType="image/png">
                          iVBORw0KGgoAAAANSUhEUgAAAhAAAA
...
5CYII=
```

```
                </value>
            </observationMedia>
        </entry>
        <entry>
            <!-- Author Attestation Observation-->
                <observation classCode="OBS" moodCode="EVN">
                    <templateId root="2.16.840.1.113883.4.823.1.4.21"
extension="2023-08-28"/>
                        ...
            </observation>
        </entry>
    </section>
</component>
```

2.3   GPP for Certain Conditions Section

```
[section: identifier urn:hl7ii:2.16.840.1.113883.4.823.1.3.4:2023-08-28
(open)]

Draft as part of Personal Advance Care Plan V4
```

Table 4: GPP for Certain Conditions Section Contexts

Contained By:	Contains:
Personal Advance Care Plan Document (optional)	Personal Intervention Preference under Health Scenario (optional)

This section includes information about the author's goals, preferences and priorities for care and interventions at end-of-life or when faced with a severely debilitating condition.

1. **MAY** contain zero or one [0..1] **@nullFlavor**="NI" No Information (CodeSystem: HL7NullFlavor urn:oid:2.16.840.1.113883.5.1008) (CONF:5547-32961).
2. **SHALL** contain exactly one [1..1] **templateId** (CONF:5547-32959) such that it
   a. **SHALL** contain exactly one [1..1] **@root**="2.16.840.1.113883.4.823.1.3.4" (CONF:5547-32962).
   b. **SHALL** contain exactly one [1..1] **@extension**="2023-08-28" (CONF:5547-32963).
3. **SHALL** contain exactly one [1..1] **code** (CONF:5547-32960).
   a. This code **SHALL** contain exactly one [1..1] **@code**="81336-0" (CodeSystem: LOINC urn:oid:2.16.840.1.113883.6.1) (CONF:5547-32964).
   b. This code **SHALL** contain exactly one [1..1] **@codeSystem**="2.16.840.1.113883.6.1" (CONF:5547-32965).
   c. This code **SHALL** contain exactly one [1..1] **@displayName** (CONF:5547-33530).
4. **SHALL** contain exactly one [1..1] **title** (CONF:5547-32966).
5. **SHALL** contain exactly one [1..1] **text** (CONF:5547-32967).
6. **MAY** contain zero or more [0..*] **entry** (CONF:5547-33092) such that it
   a. **SHALL** contain exactly one [1..1] **Personal Intervention Preference under Health Scenario** (identifier: urn:hl7ii:2.16.840.1.113883.4.823.1.4.22:2023-08-28) (CONF:5547-33373).

Figure 13: GPP for Certain Conditions Section Example

```
        <component>
            <!-- code code="81336-0" codeSystem="2.16.840.1.113883.6.1"
codeSystemName="LOINC" displayName="GPP certain health cond -->
            <section>
                <templateId extension="2023-08-28"
root="2.16.840.1.113883.4.823.1.3.4"/>
                <code code="81336-0" codeSystem="2.16.840.1.113883.6.1"
codeSystemName="LOINC"
                    displayName="GPP certain health cond"/>
                <title language="en-US" mediaType="text/plain"
representation="TXT">Expression of Healthcare Treatment Preferences</title>
                <text>
                    <content styleCode="Bold">My Treatment Preferences in Specific
Circumstances</content>
                    <br/>
                    <br/>
                    <content ID="GPP_HS_1"></content>
                    <content ID="GPP_HS_1_Precond">
                        If I am so sick or seriously injured that I cannot express my
own medical treatment
                        preferences, and if I am not expected to live without
additional
                        treatment for my illness, disease, condition or injury, then I
                        want my medical care team to know that these are the things
that
                        are most important to me:
                    </content>
                    These would be my health care goals:
                    <list ID="GPP_eol_1_A" listType="ordered" styleCode="Answer">
                        <item ID="GPP_eol_priorities_1-1"> Avoiding prolonged
dependence on
                            machines </item>
                        <item ID="GPP_eol_priorities_1-2"> Not being a physical burden
to my
                            family </item>
                        <item ID="GPP_eol_priorities_1-3"> Dying at home </item>
                    </list>
                    <br/>
                    <content ID="GPP_HS_2">
                        <content ID="GPP_HS_2_Precond"> If I am having significant pain
or suffering, </content>
                        <content ID="GPP_HS_2_TreatIntPref" styleCode="Answer"> I would
like my doctors to <content ID="GPP_HS_2_TreatInt">consult a Supportive and Palliative Care
Team to help treat my
                            physical, emotional and spiritual discomfort, and to
support my
                            family.</content>
                        </content>
                    </content>
                    <br/>
                    <br/>
                    <content ID="GPP_HS_3">
                        <content ID="GPP_HS_3_Precond">If my health ever deteriorates
due to a
```

```
                                        terminal illness, and my doctors believe I will not be able
to
                                        interact meaningfully with my family, friends, or
                                        surroundings,
                                    </content>
                                    <content ID="GPP_HS_3_TreatIntPref" styleCode="Answer"> I would
like for them to keep trying
                                        <content ID="GPP_HS_3_TreatInt">life-sustaining
treatments</content> until my healthcare agent
                                        decides it is time to stop and such treatments and let me
die
                                        gently.
                                    </content>
                                </content>
                                <br/>
                                <br/>
                                <content ID="GPP_HS_4">
                                    <content ID="GPP_HS_4_Precond"> If I have a severe,
irreversible brain injury
                                        or illness and can't dress, feed, or bathe myself, or
communicate my
                                        medical wishes, but doctors can keep me alive in this
condition for
                                        a long period of time,
                                    </content>
                                    <content ID="GPP_HS_4_TreatIntPref" styleCode="Answer"> I would
like for them to
                                        keep trying <content ID="GPP_HS_4_TreatInt">life-sustaining
treatments</content> until my healthcare agent
                                        decides it is time to stop and such treatments and let me
die
                                        gently.
                                    </content>
                                </content>
                                <br/>
                                <br/>
                                <content ID="GPP_HS_5">
                                    <content ID="GPP_HS_5_Precond">Although I understand that,
depending on the
                                        situation and circumstances, medical personnel may not be
able to
                                        follow my wishes,
                                    </content>
                                    <content ID="GPP_HS_5_TreatIntPref"> here are my general
thoughts on <content ID="GPP_HS_5_TreatInt">cardiopulmonary
                                        resuscitation (CPR)</content>:  I want my healthcare agent
to decide for me.
                                    </content>
                                </content>
                                <br/><br/>
                                <content ID="GPP_HS_6">
                                    <content ID="GPP_HS_6_Precond">I understand that, in certain
jurisdictions,
                                        if I have been diagnosed as pregnant and that diagnosis is
known to
                                        my attending physician,
                                    </content>
```

```
                              <content ID="GPP_HS_6_TreatIntPref">medical treatment providers
may refuse to
                              follow my directives and provide <content
ID="GPP_HS_6_TreatInt">life-sustaining treatment including
                              artificially administered nutrition and hydration, as
well as CPR
                              and other resuscitation measures.</content>
                         </content>
                      </content>
                 </text>
                 <entry>
...
                 </entry>
...
              </section>
          </component>
```

2.4   GPP Personal Care Experience Section

```
[section: identifier urn:hl7ii:2.16.840.1.113883.4.823.1.3.6:2023-08-28
(open)]

Draft as part of Personal Advance Care Plan V4
```

Table 5: GPP Personal Care Experience Section Contexts

Contained By:	Contains:
Personal Advance Care Plan Document (optional)	Care Experience Preference (optional)
	Clause Observation (optional)
	Personal Health Goal (optional)
	Personal Priorities Organizer (optional)

This section includes additional personal health goals, intervention preferences and priorities that can be considered when planning the care experience.

1. **MAY** contain zero or one [0..1] **@nullFlavor**="NI" No Information (CodeSystem: HL7NullFlavor urn:oid:2.16.840.1.113883.5.1008) (CONF:5547-32983).
2. **SHALL** contain exactly one [1..1] **templateId** (CONF:5547-32977) such that it
    a. **SHALL** contain exactly one [1..1] **@root**="2.16.840.1.113883.4.823.1.3.6" (CONF:5547-32979).
    b. **SHALL** contain exactly one [1..1] **@extension**="2023-08-28" (CONF:5547-32980).
3. **SHALL** contain exactly one [1..1] **code** (CONF:5547-32978).
    a. This code **SHALL** contain exactly one [1..1] **@code**="81338-6" (CodeSystem: LOINC urn:oid:2.16.840.1.113883.6.1) (CONF:5547-32981).
    b. This code **SHALL** contain exactly one [1..1] **@codeSystem**="2.16.840.1.113883.6.1" (CONF:5547-32982).
    c. This code **SHALL** contain exactly one [1..1] **@displayName** (CONF:5547-33531).
4. **SHALL** contain exactly one [1..1] **title** (CONF:5547-32984).
5. **SHALL** contain exactly one [1..1] **text** (CONF:5547-32985).

6. **MAY** contain zero or more [0..*] **entry** (CONF:5547-33362) such that it
   a. **SHALL** contain exactly one [1..1] **Personal Health Goal** (identifier: urn:hl7ii:2.16.840.1.113883.4.823.1.4.6:2022-03-25) (CONF:5547-33364).
7. **MAY** contain zero or more [0..*] **entry** (CONF:5547-33961) such that it
   a. **SHALL** contain exactly one [1..1] **Care Experience Preference** (identifier: urn:hl7ii:2.16.840.1.113883.4.823.1.4.10:2020-06-10) (CONF:5547-33962).
8. **MAY** contain zero or more [0..*] **entry** (CONF:5547-33363) such that it
   a. **SHALL** contain exactly one [1..1] **Personal Priorities Organizer** (identifier: urn:hl7ii:2.16.840.1.113883.4.823.1.4.7:2023-08-28) (CONF:5547-33365).
9. **MAY** contain zero or more [0..*] **entry** (CONF:5547-33658) such that it
   a. **SHALL** contain exactly one [1..1] **Clause Observation** (identifier: urn:hl7ii:2.16.840.1.113883.4.823.1.4.16:2022-03-25) (CONF:5547-33696).

Figure 14: GPP Personal Care Experience Section Example

```xml
<section>
  <templateId root="2.16.840.1.113883.4.823.1.3.6" extension="2023-08-28" />
  <code code="81338-6" codeSystem="2.16.840.1.113883.6.1" codeSystemName="LOINC"
displayName="Patient Goals, preferences, and priorities for care experience" />
  <title mediaType="text/plain" representation="TXT" language="en-US">
Care Experience Preferences</title>
  <text>
    <content styleCode="Bold">In case I'm being cared for by a person(s) who doesn't
        know me very well, I'd like my following thoughts to be known. </content>
    <br /><br />
    <content ID="ME_1">
      <content ID="ME_1_Q" styleCode="Bold"> My likes / joys: </content>
      <content> Here are some examples of the things that I would like to have near me,
          music that I'd like to hear, and other details of my care that would help to
          keep me happy and relaxed: </content><br />
      <content ID="ME_1_A" styleCode="Answer"> I love the smell of lavender and the
          feeling of sunshine on my face. I want my grandchildren to be allowed to visit
          me, either in person or virtually, if I am not feeling well because they bring
          me great joy and are the little loves of my life. </content>
    </content>
    <br /><br />
    <content ID="ME_2">
      <content ID="ME_2_Q" styleCode="Bold"> My dislikes / fears: </content>
      <content> Here is a list of things that I would like to avoid if at all possible,
          people that I don't wish to see, and concerns I have about particular family
          members, pets, and so on: </content>
      <br />
      <content ID="ME_2_A" styleCode="Answer"> I do not like my feet to be cold.</content>
    </content>
    <br /><br />
    <content ID="ME_3">
       <content ID="ME_3_Q" styleCode="Bold">How to care for me:
</content><br />
       <content ID="ME_3_A" styleCode="Answer">I want photos of my family where I can see
them.
</content>
    </content>
    <br /><br />
    <content ID="ME_4">
      <content ID="ME_4_Q" styleCode="Bold"> My religion: </content>
      <content ID="ME_4_A" styleCode="Answer"> Catholic </content>
    </content>
. . .
  </text>
. . .
</section>
```

2.5 GPP Upon Death Section

```
[section: identifier urn:hl7ii:2.16.840.1.113883.4.823.1.3.5:2023-08-28
(open)]
```

```
Draft as part of Personal Advance Care Plan V4
```

Table 6: GPP Upon Death Section Contexts

Contained By:	Contains:
Personal Advance Care Plan Document (optional)	Clause Observation (optional) Personal Priorities Organizer (optional) Upon Death Preference (optional) Organ Donation Preference (optional) Autopsy Preference (optional)

This section includes the author's goals, preferences, and priorities regarding decisions that will be made upon or following death. The template has a flexible design that permits all types of goal, preference and priority clinical statements because the author of the document should not be limited in what he or she wants to express as his or her directives following death.

1. **MAY** contain zero or one [0..1] **@nullFlavor**="NI" No Information (CodeSystem: HL7NullFlavor urn:oid:2.16.840.1.113883.5.1008) (CONF:5547-32974).
2. **SHALL** contain exactly one [1..1] **templateId** (CONF:5547-32968) such that it
   a. **SHALL** contain exactly one [1..1] **@root**="2.16.840.1.113883.4.823.1.3.5" (CONF:5547-32970).
   b. **SHALL** contain exactly one [1..1] **@extension**="2023-08-28" (CONF:5547-32971).
3. **SHALL** contain exactly one [1..1] **code** (CONF:5547-32969).
   a. This code **SHALL** contain exactly one [1..1] **@code**="81337-8" (CodeSystem: LOINC urn:oid:2.16.840.1.113883.6.1) (CONF:5547-32972).
   b. This code **SHALL** contain exactly one [1..1] **@codeSystem**="2.16.840.1.113883.6.1" (CONF:5547-32973).
   c. This code **SHALL** contain exactly one [1..1] **@displayName** (CONF:5547-33532).
4. **SHALL** contain exactly one [1..1] **title** (CONF:5547-32975).
5. **SHALL** contain exactly one [1..1] **text** (CONF:5547-32976).
6. **MAY** contain zero or more [0..*] **entry** (CONF:5547-33752) such that it
   a. **SHALL** contain exactly one [1..1] **Upon Death Preference** (identifier: urn:hl7ii:2.16.840.1.113883.4.823.1.4.17:2023-08-28) (CONF:5547-33753).
7. **MAY** contain zero or more [0..*] **entry** (CONF:5547-33102) such that it
   a. **SHALL** contain exactly one [1..1] **Personal Priorities Organizer** (identifier: urn:hl7ii:2.16.840.1.113883.4.823.1.4.7:2023-08-28) (CONF:5547-33106).
8. **MAY** contain zero or more [0..*] **entry** (CONF:5547-33358) such that it
   a. **SHALL** contain exactly one [1..1] **Organ Donation Preference** (identifier: urn:hl7ii:2.16.840.1.113883.4.823.1.4.12:2023-08-28) (CONF:5547-33360).
9. **MAY** contain zero or more [0..*] **entry** (CONF:5547-33359) such that it

a. **SHALL** contain exactly one [1..1] **Autopsy Preference** (identifier: urn:hl7ii:2.16.840.1.113883.4.823.1.4.14:2023-08-28) (CONF:5547-33361).

10. **MAY** contain zero or more [0..*] **entry** (CONF:5547-33697) such that it

a. **SHALL** contain exactly one [1..1] **Clause Observation** (identifier: urn:hl7ii:2.16.840.1.113883.4.823.1.4.16:2022-03-25) (CONF:5547-33698).

Figure 15: GPP upon Death Section Example

```
<section>
  <templateId root="2.16.840.1.113883.4.823.1.3.5" extension="2023-08-28" />
  <code code="81337-8" codeSystem="2.16.840.1.113883.6.1" codeSystemName="LOINC"
displayName="Patient Goals, preferences, and priorities upon death" />
  <title mediaType="text/plain" representation="TXT" language="en-US">
Preferences Upon Death</title>
  <text>
    <content ID="GPP_ud_1">
      <content ID="GPP_ud_1_Q" styleCode="Bold">Organ Donation:</content><br />
       <content ID="GPP_ud_1_A" styleCode="Answer">
I would like to donate all organs and tissues that would be useful for someone else.
</content>
    </content><br /><br />
    <content ID="GPP_ud_3">
      <content ID="GPP_ud_3_Q" styleCode="Bold">Autopsy:</content>
      <br />
      <content ID="GPP_ud_3_I" styleCode="Answer">I want an autopsy</content>
      <content ID="GPP_ud_3_C_1" styleCode="Answer">
only if there are questions about my death or </content>
      <content ID="GPP_ud_3_C_2" styleCode="Answer">
a law enforcement official requests it.</content>
    </content>
    <br />
    <br />
    <content ID="GPP_ud_5">
      <content ID="GPP_ud_5_Q" styleCode="Bold">Death arrangements:</content><br />
      <content ID="GPP_ud_5_A" styleCode="Answer">
       Please call Jim Houston, my lawyer, for arrangements I have already made.
I have purchased a funeral plat at Graceful Acres in Belmont NC and have
life insurance policies filed with my lawyer that you should access
if anything happens to me.
      </content>
    </content><br /><br />
  </text>
. . .
</section>
```

2.6 Healthcare Agent Appointment Section

```
[section: identifier urn:hl7ii:2.16.840.1.113883.4.823.1.3.3:2022-03-25
(open)]
```

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Table 7: Healthcare Agent Appointment Section Contexts

Contained By:	Contains:
[Personal Advance Care Plan Document](#) (optional)	[Healthcare Agent Appointment Entry](#) (optional) [Healthcare Agent Authority](#) (optional) [Clause Observation](#) (optional)

This section records the appointment of healthcare agents. It also records the appointment of healthcare agent advisors.

It should include appointment of a primary healthcare agent and may include an alternate healthcare agent and a second alternate healthcare agent.

It should indicate when each healthcare agent was appointed, and should indicate if and when the role has been accepted.

It may include other information relating to specific powers granted to or limitations placed upon the healthcare agents.

If no healthcare agents have been appointed, the section SHALL explicitly indicate the reason why no information is included for healthcare agent appointments by using the nullFlavor attribute for the section and choosing an appropriate value from the No Healthcare Agent Included Value Set.

Below is a mapping table that shows how the CDA and FHIR value sets align. Note: The next iteration of the FHIR ADI IG, they will make change to use the VSAC value set so that only a single value set will exist for this purpose.

FHIR ADI Code	FHIR ADI Definition		PACP Code	PACP Definition
unknown	The value is expected to exist but is not known.	Maps to	UNK	**Description:**A proper value is applicable, but not known.
asked-unknown	The source was asked but does not know the value.	Maps to	ASKU	Information was sought but not found (e.g., patient was asked but didn't know)
temp-unknown	There is reason to expect (from the workflow) that the value may become known.	Maps to	NAV	Information is not available at this time but it is expected that it will be available later.
not-asked	The workflow didn't lead to this value being	Maps to	NASK	This information has not been sought (e.g.,

FHIR ADI Code	FHIR ADI Definition		PACP Code	PACP Definition
	known.			patient was not asked)
asked-declined	The source was asked but declined to answer.	Maps to	NI	**Description:**The value is exceptional (missing, omitted, incomplete, improper). No information as to the reason for being an exceptional value is provided. This is the most general exceptional value. It is also the default exceptional value.
not-applicable	There is no proper value for this element (e.g. last menstrual period for a male).	Maps to	NA	Known to have no proper value (e.g., last menstrual period for a male).
unsupported	The source system wasn't capable of supporting this element.	Maps to	INV	**Description:**The value as represented in the instance is not a member of the set of permitted data values in the constrained value domain of a variable.

This section permits comments to be added which correspond to clauses that are supported in the FHIR ADI IG.

1. **MAY** contain zero or one [0..1] **@nullFlavor**, which **SHALL** be selected from ValueSet **No Healthcare Agent Included Reason** urn:oid:2.16.840.1.113762.1.4.1240.2 **DYNAMIC** (CONF:4525-32950).
2. **SHALL** contain exactly one [1..1] **templateId** (CONF:4525-32951) such that it
    a. **SHALL** contain exactly one [1..1] **@root**="2.16.840.1.113883.4.823.1.3.3" (CONF:4525-32953).
    b. **SHALL** contain exactly one [1..1] **@extension**="2022-03-25" (CONF:4525-32954).
3. **SHALL** contain exactly one [1..1] **code** (CONF:4525-32952).

a. This code **SHALL** contain exactly one [1..1] **@code**="81335-2" (CodeSystem: LOINC urn:oid:2.16.840.1.113883.6.1) (CONF:4525-32955).

b. This code **SHALL** contain exactly one [1..1] **@codeSystem**="2.16.840.1.113883.6.1" (CONF:4525-32956).

c. This code **SHALL** contain exactly one [1..1] **@displayName** (CONF:4525-33533).

4. **SHALL** contain exactly one [1..1] **title** (CONF:4525-32957).

5. **SHALL** contain exactly one [1..1] **text** (CONF:4525-32958).

6. **SHOULD** contain zero or more [0..*] **entry** (CONF:4525-33352) such that it

a. **SHALL** contain exactly one [1..1] **Healthcare Agent Appointment Entry** (identifier: urn:hl7ii:2.16.840.1.113883.4.823.1.4.2:2022-03-25) (CONF:4525-33354).

7. **MAY** contain zero or more [0..*] **entry** (CONF:4525-33353) such that it

a. **SHALL** contain exactly one [1..1] **Healthcare Agent Authority** (identifier: urn:hl7ii:2.16.840.1.113883.4.823.1.4.4:2022-03-25) (CONF:4525-33355).

8. **MAY** contain zero or more [0..*] **entry** (CONF:4525-33635) such that it

a. **SHALL** contain exactly one [1..1] **Clause Observation** (identifier: urn:hl7ii:2.16.840.1.113883.4.823.1.4.16:2022-03-25) (CONF:4525-33694).

Figure 16: Health Care Agent Appointment Section Example

```
<section>
  <templateId root="2.16.840.1.113883.4.823.1.3.3" extension="2022-03-25" />
  <code code="81335-2" codeSystem="2.16.840.1.113883.6.1" codeSystemName="LOINC"
displayName="Patient Healthcare agent" />
  <title mediaType="text/plain" representation="TXT" language="en-US">
Healthcare Agent Appointment</title>
  <text>
    <paragraph>
      IF THIS PART OF THE uADD™ IS LEFT BLANK, I DO NOT WANT TO DESIGNATE A <br />
      HEALTHCARE AGENT AT THIS TIME, AND I DO NOT WANT A <br />
      DEFAULT HEALTHCARE AGENT DESIGNATED FOR ME UNDER APPLICABLE LAW.<br />
      I TRUST THE DOCTORS AND NURSES TREATING ME TO MAKE <br />
      MEDICAL TREATMENT DECISIONS REGARDING MY TREATMENT AND CARE.
    </paragraph>
    <paragraph>I am appointing the person or persons below as my healthcare agent and,
          if applicable, as my alternate healthcare agent(s), and I am granting to each of
          them the legal authority to make medical treatment decisions on my behalf and to
          consult with my physician and others. The power to make medical treatment
          decisions that I am granting to my healthcare agent(s) is expressly subject to,
          and limited by, the choices that I have expressed elsewhere in my uADD. If my
          medical treatment choices are not clear, I am authorizing and directing my
          healthcare agent to make decisions in my best interests and based on what is
known
          of my wishes.</paragraph>
    <content ID="HealthAgent1">
      <content styleCode="Bold" ID="HealthAgent1Type">Primary Healthcare Agent</content><br
/>
      <content >The person I choose as my Primary Healthcare Agent is:</content><br />
      <content styleCode="Answer">
        <content ID="HealthAgent1Person">
          Charles Johnson
          <content ID="HealthAgent1Rel">(Son)</content>
        </content><br />
        <content ID="HealthAgent1Email">CharlesSJ@example.com </content><br />
        <content ID="HealthAgent1SelectedDate">
[SELECTED to act as a healthcare agent on 05/01/2020, at 2:29PM CDT]
</content><br />
      </content>
    </content><br />
    <content ID="HealthAgent2">
      <content styleCode="Bold" ID="HealthAgent2Type">
First Alternate Healthcare Agent</content><br />
      <content ID="HealthAgent2Powers">If this alternate healthcare agent is unable or
          unwilling to make medical treatment decisions for me, or if my spouse is
          designated as my first alternate healthcare agent and our marriage is annulled,
          or we are divorced or legally separated, then my next choice for a healthcare
          agent is:</content><br />
      <content styleCode="Answer">
        <content ID="HealthAgent2Person">
          Debra Johnson
          <content ID="HealthAgent2Rel">(Daughter)</content>
        </content>
        <br />
        <content ID="HealthAgent2Email"> DebraSJ@example.com </content>
        <br />
```

```
        <content ID="HealthAgent2SelectedDate">
[SELECTED to act as a healthcare agent on 5/01/2020, at 2:29 PM CDT]
</content><br />
        <content ID="HealthAgent2AcceptanceDate" styleCode="RedAnswer">
[As of 12/17/2021, at 11:29 AM CDT, a response is still PENDING]
</content><br />
      </content>
    </content><br />
    <content ID="HCA_1">
      <content ID="HCA_1_Q" styleCode="Bold"> My Healthcare Agent's General Authority
</content><br />
      <content ID="HCA_1_PL">
             Subject to my medical treatment choices expressed elsewhere in this
             uADD™ and applicable law that requires otherwise, I grant to my healthcare
             agent the power to make all choices and medical treatment decisions for me.
      </content>
    </content><br />
    <content ID="HCA_2">
      <content ID="HCA_2_C">If I cannot express my own wishes for medical treatment,
</content>
      <content ID="HCA_2_PL">I would like the doctors treating me, as well as my
           healthcare agent if I have chosen one, to make decisions based as much as
           possible and appropriate on my instructions below. </content>
    </content>
. . .
  </text>
. . .
</section>
```

Figure 17: Healthcare Agent Appointment Section with No Information Example

```
<section>
  <templateId root="2.16.840.1.113883.4.823.1.3.3" extension="2022-03-25" />
  <code code="81335-2" codeSystem="2.16.840.1.113883.6.1" codeSystemName="LOINC"
displayName="Patient Healthcare agent" />
  <title mediaType="text/plain" representation="TXT" language="en-US">
Healthcare Agent Appointment</title>
  <text>
<paragraph>
IF THIS PART OF THE DOCUMENT IS LEFT BLANK,
I AM DELIBERATELY DECLINING TO DESIGNATE A HEALTHCARE
AGENT AND REQUESTING THAT THE DOCTORS ON DUTY MAKE
DECISIONS BASED ON MY GUIDELINES.
</paragraph><br></br>
<paragraph>
Intentionally blank.
No Information provided.
</paragraph>
  </text>
. . .
</section>
```

2.7 Witness and Notary Section

```
[section: identifier urn:hl7ii:2.16.840.1.113883.4.823.1.3.9:2023-08-28
(open)]
```

```
Draft as part of Personal Advance Care Plan V4
```

Table 8: Witness and Notary Section Contexts

Contained By:	Contains:
Personal Advance Care Plan Document (optional)	Clause Observation (optional) Witness Observation (optional) Notary Observation (optional) Authenticated Copy (optional)

This section includes information about individuals that have witnessed or notarized a document. It is relevant to Personal Advance Care Plan, Living Will, Healthcare Power of Attorney, or Healthcare Power of Attorney + Living Will document. It also indicates if and when the author signed the document.

(Note: When the document is digitally signed, the signature time is recorded as machine readable information in the document header within the Authenticator area of the header.)

Meaning	Template	Observation.code	Participation.type	Participant RoleCode
The person themselves who is creating their advance directives	Witness Observation	ASSERTION HL7ActCode	WIT ParticipationType	ONESELF RoleCode
A witness for the person who is creating their advance directives	Witness Observation	ASSERTION HL7ActCode	WIT ParticipationType	CONSWIT RoleCode
A notary public who notarized the person's signature act	Notary Observation	ASSERTION HL7ActCode	WIT ParticipationType	NOT RoleClass
A notary who authorizes the document is an exact copy of the original	Authenticated Copy	ASSERTION HL7ActCode	AUTHEN ParticipationType	NOT RoleClass

1. **MAY** contain zero or one [0..1] **@nullFlavor**="NI" No Information (CodeSystem: HL7NullFlavor urn:oid:2.16.840.1.113883.5.1008) (CONF:5547-33572).
2. **SHALL** contain exactly one [1..1] **templateId** (CONF:5547-33565) such that it
   a. **SHALL** contain exactly one [1..1] **@root**="2.16.840.1.113883.4.823.1.3.9" (CONF:5547-33567).
   b. **SHALL** contain exactly one [1..1] **@extension**="2023-08-28" (CONF:5547-33568).
3. **SHALL** contain exactly one [1..1] **code** (CONF:5547-33566).

a. This code **SHALL** contain exactly one [1..1] **@code**="81339-4" (CodeSystem: LOINC urn:oid:2.16.840.1.113883.6.1) (CONF:5547-33569).

b. This code **SHALL** contain exactly one [1..1] **@codeSystem**="2.16.840.1.113883.6.1" (CONF:5547-33570).

c. This code **SHALL** contain exactly one [1..1] **@displayName** (CONF:5547-33571).

4. **SHALL** contain exactly one [1..1] **title** (CONF:5547-33573).

5. **SHALL** contain exactly one [1..1] **text** (CONF:5547-33574).

6. **MAY** contain zero or more [0..*] **entry** (CONF:5547-33648) such that it

a. **SHALL** contain exactly one [1..1] **Witness Observation** (identifier: urn:hl7ii:2.16.840.1.113883.4.823.1.4.15:2023-08-28) (CONF:5547-33649).

7. **SHOULD** contain zero or one [0..1] **entry** (CONF:5547-33650) such that it

a. **SHALL** contain exactly one [1..1] **Notary Observation** (identifier: urn:hl7ii:2.16.840.1.113883.4.823.1.4.13:2023-08-28) (CONF:5547-33651).

8. **MAY** contain zero or more [0..*] **entry** (CONF:5547-33652) such that it

a. **SHALL** contain exactly one [1..1] **Clause Observation** (identifier: urn:hl7ii:2.16.840.1.113883.4.823.1.4.16:2022-03-25) (CONF:5547-33702).

9. **MAY** contain zero or one [0..1] **entry** (CONF:5547-33959) such that it

a. **SHALL** contain exactly one [1..1] **Authenticated Copy** (identifier: urn:hl7ii:2.16.840.1.113883.4.823.1.4.20:2022-03-25) (CONF:5547-33960).

```
<component>
  <section>
    <templateId root="2.16.840.1.113883.4.823.1.3.9" extension="2023-08-28" />
    <code code="81339-4" codeSystem="2.16.840.1.113883.6.1" codeSystemName="LOINC"
      displayName="Witness and notary Document" />
    <title mediaType="text/plain" representation="TXT" language="en-US">Witnesses and
Notary</title>
    <text>
      <content styleCode="Bold"> Statement and Signature of Witness </content><br/><br/>
      <table>
        <tbody>
          <tr ID="SOW_A">
            <td><content ID="SOW_A_1">I declare that the person who signed this personal
advance directives document, or who asked
              another to sign this personal advance directives document on his/her behalf,
is the individual identified in the
              document, and he/she did so in my presence or otherwise provided satisfactory
proof to
              me of his/her identity. I believe him/her to be of sound mind and at least 18
years of
              age. I personally witnessed him/her sign this document or ask the person
indicated to do
              so, or I received proof of his/her identity that I believe is adequate, and I
believe
              that he/she did so voluntarily. By signing this document as a witness, I
certify that I
              am:</content>
              <list>
                <item>At least 18 years of age.</item>
                <item>Not related to the person signing this document by blood, marriage or
adoption.</item>
                <item>Not a healthcare agent appointed by the person signing this
document.</item>
                <item>Not directly financially responsible for that person's
healthcare.</item>
                <item>Not a healthcare provider directly serving the person at this
time.</item>
                <item>Not an employee (other than a social worker or chaplain), officer,
director, or
                  partner of a healthcare provider (or any parent organization of such
healthcare
                  provider) directly serving the person at this time.</item>
                <item>Not aware that I am entitled to or have a claim against the person's
estate.</item>
              </list>
            </td>
          </tr>
        </tbody>
      </table>
      <table ID="WIT-eSig">
        <tbody>
          <tr>
            <td>Signature:</td>
            <td>Will Smith</td>
          </tr>
```

```
      <tr>
        <td>Date:</td>
        <td>05/01/2020, at 2:35pm PDT </td>
      </tr>
    </tbody>
  </table>
  <renderMultiMedia referencedObject="WitnessSign"/>
  <table ID="WIT-Info">
    <tbody>
      <tr>
        <td>Witness Name:</td>
        <td>Will Smith</td>
      </tr>
      <tr>
        <td>Witness Email:</td>
        <td>Willsmith@jettelabs.com</td>
      </tr>
    </tbody>
  </table><br /><br />
  <content styleCode="Bold">Notary Statement</content><br /><br />
  <content ID="DocAuthenStatement">Signed (or subscribed or attested) before me on
(date)
<content>May 1st, 2020</content> by (name of person) <content>Natalie
Notarizer.</content></content>
  <renderMultiMedia referencedObject="NotaryStamp"/>
  <table ID="NOT-stamp">
    <tbody>
      <tr>
        <td>Notary Name:</td>
        <td>Natalie Notarizer</td>
      </tr>
      <tr>
        <td>Date:</td>
        <td>05/01/2020, at 2:29pm PDT </td>
      </tr>
      <tr>
        <td>Notary ID#:</td>
        <td>123456</td>
      </tr>
      <tr ID="CommissionJurisdiction">
        <td>Commission Jurisdiction:</td>
        <td>OR</td>
      </tr>
      <tr ID="NOT-CommissionExpiration">
        <td>Commission Expires:</td>
        <td>4/25/2026</td>
      </tr>
    </tbody>
  </table><br /><br />
  <content styleCode="Bold">Document Authenticity</content><br /><br />
  <content>Document authenticated and sealed on (date) <content>May 1st,
2020</content>.</content>
  <renderMultiMedia referencedObject="AuthenticWatermark"/>
  <table ID="DocNOT_1">
    <tbody>
      <tr>
        <td>Information Exchange Document Authenticator:</td>
```

```
            <td>ADVault, Inc.</td>
          </tr>
          <tr>
            <td>Date:</td>
            <td>05/01/2020, at 2:29pm PDT</td>
          </tr>
        </tbody>
      </table>
      <br />
    </text>
    <entry>
      <observationMedia ID="AuthorSign" classCode="OBS" moodCode="EVN">
<!--b64 encoded-->
        <value representation="B64" mediaType="image/png">
          iVBORw0KGgoAAAANSUhEU
        </value>
      </observationMedia>
    </entry>
    <entry>
      <observationMedia ID="WitnessSign" classCode="OBS" moodCode="EVN">
<!--b64 encoded-->
        <value representation="B64" mediaType="image/png">
          iVBORw0KGgoAAAANSUhEU. . .
        </value>
      </observationMedia>
    </entry>
    <entry>
      <observationMedia ID="NotaryStamp" classCode="OBS" moodCode="EVN">
<!--b64 encoded-->
        <value representation="B64" mediaType="image/png">
          iVBORw0KGgoAAAANSUhEU. . .
</value>
      </observationMedia>
    </entry>
    <entry>
      <observationMedia ID="AuthenticWatermark" classCode="OBS" moodCode="EVN">
<!--b64 encoded-->
        <value representation="B64" mediaType="image/png">
          iVBORw0KGgoAAAANSUhEU. . .
        </value>
      </observationMedia>
    </entry>
. . .
  </section>
</component>
```

3   ENTRY

3.1   Authenticated Copy

```
[observation: identifier urn:hl7ii:2.16.840.1.113883.4.823.1.4.20:2022-03-25
(open)]
```

```
Draft as part of Personal Advance Care Plan V4
```

Table 9: Authenticated Copy Contexts

Contained By:	Contains:
[Witness and Notary Section](#) (optional)	

This template is used to represent and entity attesting that the information in the document is a "true" replica of the original document.

The entity is an authenticator for the document. If the entity digitally signs the document, the digital signature information is recorded in the entity's authenticator block in the header.

Meaning	Template	Observation.code	Participation.type	Participant RoleCode
A notary who authorizes the document is an exact copy of the original	Authenticated Copy	ASSERTION HL7ActCode	AUTHEN ParticipationType	NOT RoleClass

1. **SHALL** contain exactly one [1..1] **@classCode**="OBS" Observation (CodeSystem: HL7ActClass urn:oid:2.16.840.1.113883.5.6 **STATIC**) (CONF:5547-33930).
2. **SHALL** contain exactly one [1..1] **@moodCode**="EVN" Event (CodeSystem: HL7ActMood urn:oid:2.16.840.1.113883.5.1001 **STATIC**) (CONF:5547-33931).
3. **SHALL** contain exactly one [1..1] **templateId** (CONF:5547-33914) such that it
   a. **SHALL** contain exactly one [1..1] **@root**="2.16.840.1.113883.4.823.1.4.20" (CONF:5547-33923).
   b. **SHALL** contain exactly one [1..1] **@extension**="2022-03-25" (CONF:5547-33924).
4. **SHALL** contain at least one [1..*] **id** (CONF:5547-33932).
5. **SHALL** contain exactly one [1..1] **code** (CONF:5547-33916).
   a. This code **SHALL** contain exactly one [1..1] **@code**="ASSERTION" (CodeSystem: HL7ActCode urn:oid:2.16.840.1.113883.5.4) (CONF:5547-33926).
   b. This code **SHALL** contain exactly one [1..1] **@codeSystem**="2.16.840.1.113883.5.4" (CONF:5547-33927).
   c. This code **SHALL** contain exactly one [1..1] **@displayName** (CONF:5547-33928).
6. **SHALL** contain exactly one [1..1] **text** (CONF:5547-33917).
   a. This text **SHALL** contain exactly one [1..1] **reference** (CONF:5547-33918).
      i. This reference **SHALL** contain exactly one [1..1] **@value** (CONF:5547-33919).

1. This reference/@value **SHALL** begin with a '#' and **SHALL** point to its corresponding narrative (using the approach defined in CDA R2.0, section 4.3.5.1) (CONF:5547-33929).

7. **SHALL** contain exactly one [1..1] **statusCode** (CONF:5547-33915).
   a. This statusCode **SHALL** contain exactly one [1..1] **@code**="completed" (CodeSystem: HL7ActStatus urn:oid:2.16.840.1.113883.5.14 **STATIC**) (CONF:5547-33925).

8. **SHALL** contain exactly one [1..1] **participant** (CONF:5547-33920) such that it
   a. **SHALL** contain exactly one [1..1] **@typeCode**="AUTHEN" (CodeSystem: HL7ParticipationType urn:oid:2.16.840.1.113883.5.90) (CONF:5547-33936).
   b. **SHALL** contain exactly one [1..1] **time** (CONF:5547-33937).
   c. **SHALL** contain exactly one [1..1] **participantRole** (CONF:5547-33921).
      i. This participantRole **SHALL** contain exactly one [1..1] **id** (CONF:5547-33934).
      ii. This participantRole **SHALL** contain exactly one [1..1] **code**="NOT" Notary Public (CodeSystem: HL7RoleClass urn:oid:2.16.840.1.113883.5.110) (CONF:5547-33957).
      iii. This participantRole **SHOULD** contain at least one [1..*] **addr** (CONF:5547-33935).
      iv. This participantRole **SHALL** contain exactly one [1..1] **playingEntity** (CONF:5547-33922).
         1. This playingEntity **SHALL** contain exactly one [1..1] **name** (CONF:5547-33933).
      v. This participantRole **MAY** contain zero or one [0..1] **scopingEntity** (CONF:5547-33938).
         1. The scopingEntity, if present, **SHALL** contain exactly one [1..1] **id** (CONF:5547-33939).

Figure 19: Authenticated Copy

```
<component>
  <section>
    <templateId root="2.16.840.1.113883.4.823.1.3.9" extension="2022-03-25" />
    <code code="81339-4" codeSystem="2.16.840.1.113883.6.1" codeSystemName="LOINC"
      displayName="Witness and notary Document" />
    <title mediaType="text/plain" representation="TXT" language="en-US">Witnesses and
Notary</title>
    <text>
. . .
      <content styleCode="Bold">Document Authenticity</content><br /><br />
      <content>Document authenticated and sealed on (date) <content>May 1st,
2020</content>.</content>
      <renderMultiMedia referencedObject="AuthenticWatermark"/>
      <table ID="DocNOT_1">
        <tbody>
          <tr>
            <td>Information Exchange Document Authenticator:</td>
            <td>ADVault, Inc.</td>
          </tr>
          <tr>
            <td>Date:</td>
            <td>05/01/2020, at 2:29pm PDT</td>
          </tr>
        </tbody>
      </table>
      <br />
    </text>
. . .
    <entry>
      <observationMedia ID="AuthenticWatermark" classCode="OBS" moodCode="EVN">
<!--b64 encoded-->
        <value representation="B64" mediaType="image/png">
          iVBORw0KGgoAAAANSUhEU. . .
        </value>
      </observationMedia>
    </entry>
. . .
    <entry> <!-- Notary Authenticator of the Information Exchange Document -->
      <observation classCode="OBS" moodCode="EVN">
        <templateId root="2.16.840.1.113883.4.823.1.4.13" extension="2022-03-25" />
        <id root="2.16.840.1.113883.3.3208.101.4.27.1"
          extension="20130607100315-CCDA-CCD-3003" />
        <code code="ASSERTION" codeSystem="2.16.840.1.113883.5.4"
codeSystemName="HL7ActCode"
          displayName="Assertion" />
        <text>
          <reference value="#DocNOT_1" />
        </text>
        <statusCode code="completed" />
        <participant typeCode="AUTHEN"><!-- Authenticator of the Document being an
Authentic Copy of the Original Document-->
          <time value="202005011429-0700" />
          <participantRole>
            <id root="2.16.840.1.113883.4.823.1.5.1" extension="20130607102400" /><!--
Authenticator id-->
```

```
            <code code="NOT" codeSystem="2.16.840.1.113883.5.110"
codeSystemName="RoleClass" displayName="Notary Public"/>
            <addr use="WP">
              <streetAddressLine partType="SAL">740 E. Campbell Rd. Suite
825</streetAddressLine>
              <city partType="CTY">Richardson</city>
              <state partType="STA">TX</state>
              <postalCode partType="ZIP">75081</postalCode>
              <country partType="CNT">US</country>
            </addr>
            <playingEntity>
              <name>
                ADVault, Inc.
              </name>
            </playingEntity>
          </participantRole>
        </participant>
      </observation>
    </entry>
  </section>
</component>
```

3.2   Author Attestation Observation

```
[observation: identifier urn:hl7ii:2.16.840.1.113883.4.823.1.4.21:2023-08-28
(open)]

Draft as part of Personal Advance Care Plan V4
```

Table 10: Author Attestation Observation Contexts

Contained By:	Contains:
Administrative Information Section (optional)	

This template is used to represent the signing of the advance directive document by the person who authored the document for his or her self.

Note: The author attester is an authenticator for the document. If the person digitally signs the document, the digital signature information is recorded in the authenticator block in the header. If the person uses an electronic signature process, the authenticator.signatureCode is used to indicate the document was signed electronically.

Meaning	Template	Observation.code	Participation.type	Participant RoleCode
The person themselves who is creating their advance directives	Author Attester Observation	ASSERTION HL7ActCode	WIT ParticipationType	ONESELF RoleCode

1. **SHALL** contain exactly one [1..1] **@classCode**="OBS" Observation (CodeSystem: HL7ActClass urn:oid:2.16.840.1.113883.5.6 **STATIC**) (CONF:5547-16).
2. **SHALL** contain exactly one [1..1] **@moodCode**="EVN" Event (CodeSystem: HL7ActMood urn:oid:2.16.840.1.113883.5.1001 **STATIC**) (CONF:5547-17).

3. **SHALL** contain exactly one [1..1] **templateId** (CONF:5547-1) such that it
   a. **SHALL** contain exactly one [1..1] **@root**="2.16.840.1.113883.4.823.1.4.21" (CONF:5547-10).
   b. **SHALL** contain exactly one [1..1] **@extension**="2023-08-28" (CONF:5547-11).
4. **SHALL** contain at least one [1..*] **id** (CONF:5547-18).
5. **SHALL** contain exactly one [1..1] **code** (CONF:5547-3).
   a. This code **SHALL** contain exactly one [1..1] **@code**="ASSERTION" (CodeSystem: HL7ActCode urn:oid:2.16.840.1.113883.5.4) (CONF:5547-13).
   b. This code **SHALL** contain exactly one [1..1] **@displayName** (CONF:5547-14).
6. **SHALL** contain exactly one [1..1] **text** (CONF:5547-4).
   a. This text **SHALL** contain exactly one [1..1] **reference** (CONF:5547-5).
      i. This reference **SHALL** contain exactly one [1..1] **@value** (CONF:5547-6).
         1. This reference/@value **SHALL** begin with a '#' and **SHALL** point to its corresponding narrative (using the approach defined in CDA R2.0, section 4.3.5.1) (CONF:5547-15).
7. **SHALL** contain exactly one [1..1] **statusCode** (CONF:5547-2).
   a. This statusCode **SHALL** contain exactly one [1..1] **@code**="completed" (CodeSystem: HL7ActStatus urn:oid:2.16.840.1.113883.5.14 **STATIC**) (CONF:5547-12).
8. **SHALL** contain exactly one [1..1] **participant** (CONF:5547-7) such that it
   a. **SHALL** contain exactly one [1..1] **@typeCode**="WIT" (CodeSystem: HL7ParticipationType urn:oid:2.16.840.1.113883.5.90) (CONF:5547-22).
   b. **SHALL** contain exactly one [1..1] **time** (CONF:5547-23).
   c. **SHALL** contain exactly one [1..1] **participantRole** (CONF:5547-8).
      i. This participantRole **SHALL** contain exactly one [1..1] **id** (CONF:5547-20).
      ii. This participantRole **SHALL** contain exactly one [1..1] **code**="ONESELF" (CodeSystem: HL7RoleClass urn:oid:2.16.840.1.113883.5.110) (CONF:5547-24).
      iii. This participantRole **SHOULD** contain at least one [1..*] **addr** (CONF:5547-21).
      iv. This participantRole **SHALL** contain exactly one [1..1] **playingEntity** (CONF:5547-9).
         1. This playingEntity **SHALL** contain exactly one [1..1] **name** (CONF:5547-19).

Figure 20: Author Attestation Observation Example

```xml
<component>
    <section>
        <templateId extension="2023-08-28" root="2.16.840.1.113883.4.823.1.3.7"/>
        <code code="81381-6" codeSystem="2.16.840.1.113883.6.1" codeSystemName="LOINC"
            displayName="Administrative information associated with this personal advance
care plan"/>
        <title language="en-US" mediaType="text/plain" representation="TXT">Administrative
Information</title>
        <text>
            <content styleCode="Bold">Signature of Author</content>
            <br/>
            <br/>
            <table ID="Author-eSig">
                <tbody>
                    <tr>
                        <td>Signature:</td>
                        <td>Betsy Smith-Johnson</td>
                    </tr>
                    <tr>
                        <td>Date:</td>
                        <td>05/01/2020, at 2:29pm PDT</td>
                    </tr>
                </tbody>
            </table>
            <renderMultiMedia referencedObject="AuthorSign"/>
            <table ID="Author-Info">
                <tbody>
                    <tr>
                        <td>Author Name:</td>
                        <td>Betsy Smith-Johnson</td>
                    </tr>
                    <tr>
                        <td>Author Address:</td>
                        <td>111 Maple Court, San Antonio, OR, US 97229</td>
                    </tr>
                    <tr>
                        <td>Author Telecom:</td>
                        <td>12146745539</td>
                    </tr>
                    <tr>
                        <td>Author Email:</td>
                        <td>BetsySJ@example.com</td>
                    </tr>
                </tbody>
            </table>
            <br/>
        </text>
        <entry>
            <observationMedia ID="AuthorSign" classCode="OBS" moodCode="EVN">
                <value representation="B64" mediaType="image/png">
                    iVBORw0KGgoAAAANSUhEUgAAAhAAAACSCA ...
                    AASUVORK5CYII=
                </value>
            </observationMedia>
        </entry>
```

```
    <entry>
        <!-- Author Attestation Observation-->
        <observation classCode="OBS" moodCode="EVN">
            <templateId root="2.16.840.1.113883.4.823.1.4.21" extension="2022-03-25"/>
            <id root="2.16.840.1.113883.3.3208.101.4.27.1"
                extension="20130607100315-CCDA-CCD-3000"/>
            <code code="ASSERTION" codeSystem="2.16.840.1.113883.5.4"
                codeSystemName="HL7ActCode" displayName="Assertion"/>
            <text>
                <reference value="#Author-eSig"/>
            </text>
            <statusCode code="completed"/>
            <participant typeCode="WIT">
                <time value="202005011429-0700"/>
                <participantRole>
                    <id root="2.16.840.1.113883.4.823.1.5.1"
                        extension="20130607102403"/>
                    <!--authenticator author id-->
                    <code code="ONESELF" codeSystem="2.16.840.1.113883.5.111"
                        codeSystemName="RoleCode" displayName="Self"/>
                    <addr use="HP">
                        <streetAddressLine partType="SAL">111 Maple
                            Court</streetAddressLine>
                        <city partType="CTY">San Antonio</city>
                        <state partType="STA">TX</state>
                        <postalCode partType="ZIP">78212</postalCode>
                        <country partType="CNT">US</country>
                    </addr>
                    <playingEntity>
                        <name use="L">
                            <given partType="GIV">Betsy</given>
                            <family partType="FAM">Smith-Johnson</family>
                        </name>
                    </playingEntity>
                </participantRole>
            </participant>
        </observation>
    </entry>
  </section>
</component>
```

3.3   Autopsy Preference

```
[observation: identifier urn:hl7ii:2.16.840.1.113883.4.823.1.4.14:2023-08-28
(open)]

Draft as part of Personal Advance Care Plan V4
```

Table 11: Autopsy Preference Contexts

Contained By:	Contains:
GPP Upon Death Section (optional)	

This template is used to represent the author's thoughts about autopsy.

1. **SHALL** contain exactly one [1..1] **@classCode**="OBS" Observation (CodeSystem: HL7ActClass urn:oid:2.16.840.1.113883.5.6 **STATIC**) (CONF:5547-33256).
2. **SHALL** contain exactly one [1..1] **@moodCode**="INT" Intent (CodeSystem: HL7ActMood urn:oid:2.16.840.1.113883.5.1001 **STATIC**) (CONF:5547-33257).
3. **SHALL** contain exactly one [1..1] **templateId** (CONF:5547-33236) such that it
    a. **SHALL** contain exactly one [1..1] **@root**="2.16.840.1.113883.4.823.1.4.14" (CONF:5547-33246).
    b. **SHALL** contain exactly one [1..1] **@extension**="2023-08-28" (CONF:5547-33247).
4. **SHALL** contain at least one [1..*] **id** (CONF:5547-33258).
5. **SHALL** contain exactly one [1..1] **code** (CONF:5547-33259).
    a. This code **SHALL** contain exactly one [1..1] **@code**="75782-3" (CodeSystem: LOINC urn:oid:2.16.840.1.113883.6.1) (CONF:5547-33422).
    b. This code **SHALL** contain exactly one [1..1] **@codeSystem**="2.16.840.1.113883.6.1" (CONF:5547-33423).
    c. This code **SHALL** contain exactly one [1..1] **@displayName** (CONF:5547-33528).
    d. This code **SHOULD** contain zero or one [0..1] **originalText** (CONF:5547-33387).
        i. The originalText, if present, **SHOULD** contain zero or one [0..1] **reference** (CONF:5547-33441).
            1. The reference, if present, **SHALL** contain exactly one [1..1] **@value** (CONF:5547-33442).
                a. This reference/@value **SHALL** begin with a '#' and **SHALL** point to its corresponding narrative (CONF:5547-33443).
6. **SHALL** contain exactly one [1..1] **text** (CONF:5547-33386).
    a. This text **SHALL** contain exactly one [1..1] **reference** (CONF:5547-33433).
        i. This reference **SHALL** contain exactly one [1..1] **@value** (CONF:5547-33439).
            1. This reference/@value **SHALL** begin with a '#' and **SHALL** point to its corresponding narrative (using the approach defined in CDA R2.0, section 4.3.5.1) (CONF:5547-33440).
7. **SHALL** contain exactly one [1..1] **statusCode** (CONF:5547-33237).
    a. This statusCode **SHALL** contain exactly one [1..1] **@code**="completed" (CodeSystem: HL7ActStatus urn:oid:2.16.840.1.113883.5.14 **STATIC**) (CONF:5547-33248).
8. **SHALL** contain exactly one [1..1] **value** (CONF:5547-33244) such that it
    a. The @xsi:type of this value **SHOULD** be either "CD" or "ED" (CONF:5547-33778).
9. **MAY** contain zero or one [0..1] **value** with @xsi:type="CD" (CodeSystem: SNOMED CT urn:oid:2.16.840.1.113883.6.96) (CONF:5547-33775) such that it
    a. **SHOULD** contain zero or one [0..1] **originalText** (CONF:5547-33776).
        i. The originalText, if present, **SHOULD** contain zero or one [0..1] **reference** (CONF:5547-33779).
10. **MAY** contain zero or one [0..1] **value** with @xsi:type="ED" (CodeSystem: SNOMED CT urn:oid:2.16.840.1.113883.6.96) (CONF:5547-33777) such that it
    a. **SHOULD** contain zero or one [0..1] **reference** (CONF:5547-33780).
11. **MAY** contain zero or more [0..*] **reference** (CONF:5547-33272).

a. The reference, if present, **SHALL** contain exactly one [1..1] **@typeCode**="REFR" (CodeSystem: `HL7ActRelationshipType urn:oid:2.16.840.1.113883.5.1002`) (CONF:5547-33275).

b. The reference, if present, **SHALL** contain exactly one [1..1] **externalDocument** (CONF:5547-33273).

    i. This externalDocument **SHALL** contain at least one [1..*] **id** (CONF:5547-33276).

    ii. This externalDocument **MAY** contain zero or one [0..1] **text** (CONF:5547-33274).

        1. The text, if present, **MAY** contain zero or one [0..1] **reference** (CONF:5547-33277).

            a. The reference, if present, **MAY** contain zero or one [0..1] **@value** (CONF:5547-33388).
Note: This @value represents the URL of the referenced document.

            b. If a URL is referenced, then it **SHOULD** have a corresponding linkHTML element in narrative block (CONF:5547-33279).

12. **MAY** contain zero or more [0..*] **precondition** (CONF:5547-33507).
Note: Treat separate preconditions as "OR". If "AND" is intended, group the criteria in a single precondition.

```
<section>
  <templateId root="2.16.840.1.113883.4.823.1.3.5" extension="2023-08-28" />
  <code code="81337-8" codeSystem="2.16.840.1.113883.6.1" codeSystemName="LOINC"
displayName="Patient Goals, preferences, and priorities upon death" />
  <title mediaType="text/plain" representation="TXT" language="en-US">
Preferences Upon Death</title>
  <text>
. . .
    <content ID="GPP_ud_3">
      <content ID="GPP_ud_3_Q" styleCode="Bold">Autopsy:</content>
      <br />
      <content ID="GPP_ud_3_I" styleCode="Answer">I want an autopsy</content>
      <content ID="GPP_ud_3_C_1" styleCode="Answer">only if there are questions about my
            death or</content>
      <content ID="GPP_ud_3_C_2" styleCode="Answer">a law enforcement official requests
it.</content>
    </content><br /><br />
. . .
  </text>
. . .
  <entry>
    <observation classCode="OBS" moodCode="INT">
      <templateId root="2.16.840.1.113883.4.823.1.4.14" extension="2023-08-28" />
      <id root="E6F6E2E3-EA61-4272-A042-A9EAACD45861" />
      <code code="75782-3" codeSystem="2.16.840.1.113883.6.1" codeSystemName="LOINC"
displayName="Thoughts regarding autopsy [Reported]">
        <originalText>
          <reference value="#GPP_ud_3_Q" />
        </originalText>
      </code>
      <text>
        <reference value="#GPP_ud_3" />
      </text>
      <statusCode code="completed" />
      <value xsi:type="ED">
        <reference value="#GPP_ud_3_I" />
      </value>
      <precondition>
        <criterion>
          <value xsi:type="ED">
            <reference value="#GPP_ud_3_C_1" />
          </value>
        </criterion>
      </precondition>
      <precondition>
        <criterion>
          <value xsi:type="ED">
            <reference value="#GPP_ud_3_C_2" />
          </value>
        </criterion>
      </precondition>
    </observation>
  </entry>
. . .
</section>
```

3.4 Care Experience Preference

```
[observation: identifier urn:hl7ii:2.16.840.1.113883.4.823.1.4.10:2020-06-10
(open)]
```

Published as part of Personal Advance Care Plan V2

Table 12: Care Experience Preference Contexts

Contained By:	Contains:
Personal Intervention Preference under Health Scenario (optional) Personal Priorities Organizer (optional) GPP Personal Care Experience Section (optional)	

This clinical statement presents the author's personal thoughts about something he or she feels is relevant to his or her care experience and may be pertinent when planning his or her care.

This template was designed with the intention to support other types of Care Experience Preferences in the future through the use of other or expanded value sets. This should be encouraged, should designers consider creating a larger family of various different Care Experience Preference clinical statement patterns.

All sections in this document are open sections, so this template could be used in other sections as well. For example, this template could be used in the GPP Upon Death Section to encode individual "care experience" preferences pertinent to a person's funeral arrangements. This stretches the notion of "care experience" to include the care that is provided for a person after they have died.

1. **SHALL** contain exactly one [1..1] **@classCode**="OBS" Observation (CodeSystem: HL7ActClass urn:oid:2.16.840.1.113883.5.6 **STATIC**) (CONF:4445-33085).
2. **SHALL** contain exactly one [1..1] **@moodCode**="INT" Intent (CodeSystem: HL7ActMood urn:oid:2.16.840.1.113883.5.1001 **STATIC**) (CONF:4445-33086).
3. **SHALL** contain exactly one [1..1] **templateId** (CONF:4445-33040) such that it
    a. **SHALL** contain exactly one [1..1] **@root**="2.16.840.1.113883.4.823.1.4.10" (CONF:4445-33060).
    b. **SHALL** contain exactly one [1..1] **@extension**="2020-06-10" (CONF:4445-33061).
4. **SHALL** contain at least one [1..*] **id** (CONF:4445-33087).
5. **SHALL** contain exactly one [1..1] **code** (CONF:4445-33089).
    a. This code **SHALL** contain exactly one [1..1] **@code**, which **SHOULD** be selected from ValueSet **Care Experience Preferences at End of Life Grouping** urn:oid:2.16.840.1.113762.1.4.1115.11 **DYNAMIC** (CONF:4445-33539). Note: This template was designed to support potential future uses through the use of different or extended value set bindings.
    b. This code **SHALL** contain exactly one [1..1] **@codeSystem** (CONF:4445-33540).
    c. This code **SHALL** contain exactly one [1..1] **@displayName** (CONF:4445-33526).
    d. This code **SHOULD** contain zero or one [0..1] **originalText** (CONF:4445-33444).
        i. The originalText, if present, **SHOULD** contain zero or one [0..1] **reference** (CONF:4445-33445).

1. The reference, if present, **SHALL** contain exactly one [1..1] **@value** (CONF:4445-33446).
    a. This reference/@value **SHALL** begin with a '#' and **SHALL** point to its corresponding narrative (CONF:4445-33448).
6. **SHALL** contain exactly one [1..1] **text** (CONF:4445-33389).
    a. This text **SHALL** contain exactly one [1..1] **reference** (CONF:4445-33427).
        i. This reference **SHALL** contain exactly one [1..1] **@value** (CONF:4445-33447).
            1. This reference/@value **SHALL** begin with a '#' and **SHALL** point to its corresponding narrative (using the approach defined in CDA R2.0, section 4.3.5.1) (CONF:4445-33449).
7. **SHALL** contain exactly one [1..1] **statusCode** (CONF:4445-33043).
    a. This statusCode **SHALL** contain exactly one [1..1] **@code**="completed" (CodeSystem: HL7ActStatus urn:oid:2.16.840.1.113883.5.14 **STATIC**) (CONF:4445-33064).
8. **SHALL** contain exactly one [1..1] **value** (CONF:4445-33058).
    Note: The design of the template would support use of coded answers, however narrative text is advised to permit unconstrained personal expression unique to each person.
    a. If type CD, then value **SHOULD** be a coded concept from SNOMED-CT 2.16.840.1.113883.6.96 (CONF:4445-33084).
    b. **SHOULD** contain zero or one [0..1] originalText (CONF:4445-33435).
        i. The originalText, if present, **SHOULD** contain zero or one [0..1] reference/@value.
        This reference/@value **SHALL** begin with a '#' and **SHALL** point to its corresponding narrative (CONF:4445-33436).
9. **MAY** contain zero or more [0..*] **reference** (CONF:4445-33054) such that it
    a. **SHALL** contain exactly one [1..1] **@typeCode**="REFR" Refers to (CodeSystem: HL7ActRelationshipType urn:oid:2.16.840.1.113883.5.1002 **STATIC**) (CONF:4445-33083).
    b. **SHALL** contain exactly one [1..1] **externalDocument** (CONF:4445-33055).
        i. This externalDocument **SHALL** contain at least one [1..*] **id** (CONF:4445-33082).
        ii. This externalDocument **MAY** contain zero or one [0..1] **text** (CONF:4445-33056).
            1. The text, if present, **MAY** contain zero or one [0..1] **reference** (CONF:4445-33057).
                a. The reference, if present, **MAY** contain zero or one [0..1] **@value** (CONF:4445-33390).
                Note: This @value represents the URL of the referenced document.
                b. If a URL is referenced, then it **SHOULD** have a corresponding linkHTML element in narrative block (CONF:4445-33081).
10. **MAY** contain zero or more [0..*] **precondition** (CONF:4445-33421).
    Note: Treat separate preconditions as "OR". If "AND" is intended, group the criteria in a single precondition.

Figure 22: Care Experience Preference Example

```
<section>
        <templateId root="2.16.840.1.113883.4.823.1.3.6" extension="2023-08-28"/>
        <!-- GPP Personal Care Experience Section -->
        <id root="4EAC1B61-4415-4D2A-8ECB-1FB3CD06D743"/>
        <code code="81338-6" displayName="GPP for care experience"
            codeSystem="2.16.840.1.113883.6.1" codeSystemName="LOINC"/>
        <title>My Thoughts</title>
        <text>
            <content styleCode="Italic"> MyDirectives® offers people a list of
                optional questions that can be answered by typing text in a text
                box or by uploading a video or audio file for each question.
                Only those questions answered by Betsy Smith-Johnson appear
                here. For a complete list of questions in My Thoughts, please
                visit www.MyDirectives.com. </content><br/><br/>
            <content styleCode="Bold"> In case I'm being cared for by a
                person(s) who doesn't know me very well, I'd like my following
                thoughts to be known. </content><br/><br/>
            <content ID="ME_1">
                <content ID="ME_1_Q" styleCode="Bold">My likes / joys:</content><br/>
                <content styleCode="Italic">Here are some examples of the things
                    that I would like to have near me, music that I'd like to
                    hear, and other details of my care that would help to keep
                    me happy and relaxed: </content><br/>
                <content ID="ME_1_A">Like Bach, especially the cantatas. St.
                    Martin in the Fields.</content><br/>
            </content><br/>
       . . .
            <content ID="ME_5">
                <content ID="ME_5_Q" styleCode="Bold">
                  My unfinished business: </content><br/>
                <content ID="ME_5_C" styleCode="Italic">If it appears that I am
                    approaching the end of my life, and I cannot communicate
                    with persons around me, I would want my doctors and nurses,
                    my family, and my friends to know about some unfinished
                    business that I need to address:<br/>
                </content>
                <content ID="ME_5_I">I am awaiting a message from the Noble
                    Committee. Please keep me alive if it looks promising for me
                    this year.</content>
            </content><br/><br/>
        </text>
        <entry>
            <observation classCode="OBS" moodCode="INT">
                <templateId root="2.16.840.1.113883.4.823.1.4.10"
                    extension="2023-08-28"/>
                <!-- Care Experience Preference -->
                <id root="9D076502-C317-403D-AB73-C7851DFB3353"/>
                <code code="81360-0" codeSystem="2.16.840.1.113883.6.1"
                    codeSystemName="LOINC" displayName="My likes and joys">
                    <originalText>
                        <reference value="#ME_1_Q"/>
                    </originalText>
                </code>
                <text>
                    <reference value="#ME_1"/>
```

```
            </text>
            <statusCode code="completed"/>
            <value xsi:type="ED">
                <reference value="#ME_1_A"/>
            </value>
        </observation>
    </entry>
.  .  .
    <entry>
        <observation classCode="OBS" moodCode="INT">
            <templateId root="2.16.840.1.113883.4.823.1.4.10"
                extension="2023-08-28"/>
            <!-- Care Experience Preference -->
            <id root="F4C97A79-056C-4B76-9D64-92948C8EE31C"/>
            <code code="81366-7" codeSystem="2.16.840.1.113883.6.1"
                codeSystemName="LOINC" displayName="Unfinished business">
                <originalText>
                    <reference value="#ME_5_Q"/>
                </originalText>
            </code>
            <text>
                <reference value="#ME_5"/>
            </text>
            <statusCode code="completed"/>
            <value xsi:type="ED">
                <reference value="#ME_5_I"/>
            </value>
            <precondition>
                <criterion>
                    <value xsi:type="ED">
                        <reference value="#ME_5_C"/>
                    </value>
                </criterion>
            </precondition>
        </observation>
    </entry>
</section>
```

3.5 Clause Observation

```
[observation: identifier urn:hl7ii:2.16.840.1.113883.4.823.1.4.16:2022-03-25
(open)]
```

Published as part of Personal Advance Care Plan V3

Table 13: Clause Observation Contexts

Contained By:	Contains:
Healthcare Agent Appointment Section (optional) Administrative Information Section (optional) Personal Intervention Preference under Health Scenario (optional) GPP Upon Death Section (optional) Additional Documentation Section (optional) GPP Personal Care Experience Section (optional) Witness and Notary Section (optional)	

This template is used to represent the information that is included as an additional clause to augment the advance directive information.

1. **SHALL** contain exactly one [1..1] **@classCode**="OBS" Observation (CodeSystem: HL7ActClass urn:oid:2.16.840.1.113883.5.6 **STATIC**) (CONF:4525-33690).
2. **SHALL** contain exactly one [1..1] **@moodCode**="INT" Intent (CodeSystem: HL7ActMood urn:oid:2.16.840.1.113883.5.1001 **STATIC**) (CONF:4525-33691).
3. **SHALL** contain exactly one [1..1] **templateId** (CONF:4525-33666) such that it
   a. **SHALL** contain exactly one [1..1] **@root**="2.16.840.1.113883.4.823.1.4.16" (CONF:4525-33678).
   b. **SHALL** contain exactly one [1..1] **@extension**="2022-03-25" (CONF:4525-33679).
4. **SHALL** contain at least one [1..*] **id** (CONF:4525-33692).
5. **SHALL** contain exactly one [1..1] **code** (CONF:4525-33671).
   a. This code **SHALL** contain exactly one [1..1] **@code** (ValueSet: **PADIClauseTypeVS** urn:oid:2.16.840.1.113762.1.4.1115.14 **DYNAMIC**) (CONF:4525-33685).
   b. This code **SHALL** contain exactly one [1..1] **@codeSystem**="2.16.840.1.113883.6.1" (CONF:4525-33686).
   c. This code **SHALL** contain exactly one [1..1] **@displayName** (CONF:4525-33688).
   d. This code **SHOULD** contain zero or one [0..1] **originalText** (CONF:4525-33672).
      i. The originalText, if present, **SHOULD** contain zero or one [0..1] **reference** (CONF:4525-33673).
         1. The reference, if present, **SHALL** contain exactly one [1..1] **@value** (CONF:4525-33674).
            a. This reference/@value **SHALL** begin with a '#' and **SHALL** point to its corresponding narrative (CONF:4525-33687).
6. **SHALL** contain exactly one [1..1] **text** (CONF:4525-33675).
   a. This text **SHALL** contain exactly one [1..1] **reference** (CONF:4525-33676).
      i. This reference **SHALL** contain exactly one [1..1] **@value** (CONF:4525-33677).

1. This reference/@value **SHALL** begin with a '#' and **SHALL** point to its corresponding narrative (using the approach defined in CDA R2.0, section 4.3.5.1) (CONF:4525-33689).

7. **SHALL** contain exactly one [1..1] **statusCode** (CONF:4525-33667).
   a. This statusCode **SHALL** contain exactly one [1..1] **@code**="completed" (CodeSystem: HL7ActStatus urn:oid:2.16.840.1.113883.5.14 **STATIC**) (CONF:4525-33680).

8. **SHALL** contain exactly one [1..1] **value** (CONF:4525-33669).
   a. The @xsi:type of this value **SHOULD** be either "CD" or "ED" (CONF:4525-33760).

9. **MAY** contain zero or one [0..1] **value** with @xsi:type="CD" (CodeSystem: SNOMED CT urn:oid:2.16.840.1.113883.6.96) (CONF:4525-33758).
   a. The value, if present, **SHOULD** contain zero or one [0..1] **originalText** (CONF:4525-33761).

10. **MAY** contain zero or one [0..1] **value** with @xsi:type="ED" (CodeSystem: SNOMED CT urn:oid:2.16.840.1.113883.6.96) (CONF:4525-33759).
    a. The value, if present, **SHOULD** contain zero or one [0..1] **reference** (CONF:4525-33762).

11. **MAY** contain zero or more [0..*] **reference** (CONF:4525-33668) such that it
    a. **SHALL** contain exactly one [1..1] **@typeCode**="REFR" Refers to (CodeSystem: HL7ActRelationshipType urn:oid:2.16.840.1.113883.5.1002 **STATIC**) (CONF:4525-33681).

12. **MAY** contain zero or more [0..*] **precondition** (CONF:4525-33693).
    Note: Treat separate preconditions as "OR". If "AND" is intended, group the criteria in a single precondition.

Figure 23: Clause Observation Example

```xml
<section>
  <templateId root="2.16.840.1.113883.4.823.1.3.7" extension="2023-08-28" />
  <code code="81381-6" codeSystem="2.16.840.1.113883.6.1" codeSystemName="LOINC"
displayName="Administrative information associated with this personal advance care plan"
/>
  <title mediaType="text/plain" representation="TXT" language="en-US">
Administrative Information</title>
  <text>
    <paragraph ID = "AI_1">
    <content ID = "AI_1_1">
      <content styleCode="Bold">It is very important for you to discuss your
      medical treatment goals and wishes with your healthcare agent, your family, and your
      medical care providers.</content>
      Keep in mind that advance medical directives are
    simply expressions of your medical treatment goals and preferences. There is no
    guarantee that your medical care providers will follow all of your wishes, but one
    thing is certain:
      <content styleCode="Bold">If your advance medical directives cannot
      be quickly located and retrieved in a time of need, then medical care providers,
      your family and friends will not be able to take your wishes into consideration when
      they make critical decisions regarding your treatment.</content>
    </content>
    </paragraph>
. . .
  </text>
  <entry>
    <observation classCode="OBS" moodCode="INT">
      <templateId root="2.16.840.1.113883.4.823.1.4.16" extension="2022-03-25" />
      <id root="BU12AA2-6D83-5841-8C0C-695781NH36D" />
      <code code="81381-6" codeSystem="2.16.840.1.113883.6.1" codeSystemName="LOINC"
displayName="Administrative information associated with this personal advance care plan"
/>
      <text>
        <reference value="#AI_1" />
      </text>
      <statusCode code="completed" />
      <value xsi:type="ED">
        <reference value="#AI_1_1" />
      </value>
    </observation>
  </entry>
. . .
</section>
```

3.6 DNR Observation

```
[observation: identifier urn:hl7ii:2.16.840.1.113883.4.823.1.4.18:2023-08-28
(open)]
```

```
Draft as part of Personal Advance Care Plan V4
```

Table 14: DNR Observation Contexts

Contained By:	Contains:
[Additional Documentation Section](#) (optional)	

This template is used to indicate if a person has a Do Not Resuscitate, Do Not Attempt Resuscitation, or Allow Natural Death order (DNR). Each state may have their own form for DNR orders.

If a DNR exists, the template includes a reference structure that can be used to point to the DNR document.

A DNR is not a patient generated document. It is authored by a physician with consent from the patient or the patient's healthcare agent.

A DNR is not the same thing as the individual's personal goals, preferences and priorities for care.

1. **SHALL** contain exactly one [1..1] **@classCode**="OBS" Observation (CodeSystem: HL7ActClass urn:oid:2.16.840.1.113883.5.6 **STATIC**) (CONF:5547-33807).
2. **SHALL** contain exactly one [1..1] **@moodCode**="EVN" Event (CodeSystem: HL7ActMood urn:oid:2.16.840.1.113883.5.1001 **STATIC**) (CONF:5547-33808).
3. **SHALL** contain exactly one [1..1] **templateId** (CONF:5547-33781) such that it
   a. **SHALL** contain exactly one [1..1] **@root**="2.16.840.1.113883.4.823.1.4.18" (CONF:5547-33795).
   b. **SHALL** contain exactly one [1..1] **@extension**="2023-08-28" (CONF:5547-33796).
4. **SHALL** contain at least one [1..*] **id** (CONF:5547-33809).
5. **SHALL** contain exactly one [1..1] **code** (CONF:5547-33782).
   a. This code **SHALL** contain exactly one [1..1] **@code**="81351-9" Do Not Resuscitate, Do Not Attempt Resuscitation, or Allow Natural Death order is in place [Reported] (CodeSystem: LOINC urn:oid:2.16.840.1.113883.6.1) (CONF:5547-33797).
   b. This code **SHALL** contain exactly one [1..1] **@codeSystem**="2.16.840.1.113883.6.1" (CONF:5547-33798).
   c. This code **SHALL** contain exactly one [1..1] **@displayName** (CONF:5547-33800).
   d. This code **SHOULD** contain zero or one [0..1] **originalText** (CONF:5547-33783).
      i. The originalText, if present, **SHOULD** contain zero or one [0..1] **reference** (CONF:5547-33784).
         1. The reference, if present, **SHALL** contain exactly one [1..1] **@value** (CONF:5547-33785).
            a. This reference/@value **SHALL** begin with a '#' and **SHALL** point to its corresponding narrative (CONF:5547-33799).
6. **SHALL** contain exactly one [1..1] **text** (CONF:5547-33792).
   Note: The text element SHALL include a reference to the corresponding human readable information represented in the narrative text of the section.
   a. This text **SHALL** contain exactly one [1..1] **reference** (CONF:5547-33793).

<blockquote>

i. This reference **SHALL** contain exactly one [1..1] **@value** (CONF:5547-33794).

    1. This reference/@value **SHALL** begin with a '#' and **SHALL** point to its corresponding narrative (using the approach defined in CDA R2.0, section 4.3.5.1) (CONF:5547-33810).

</blockquote>

7. **SHALL** contain exactly one [1..1] **statusCode** (CONF:5547-33786).

    a. This statusCode **SHALL** contain exactly one [1..1] **@code**="completed" (CodeSystem: HL7ActStatus urn:oid:2.16.840.1.113883.5.14 **STATIC**) (CONF:5547-33801).

8. **SHALL** contain exactly one [1..1] **effectiveTime** (CONF:5547-33787).

    a. This effectiveTime **MAY** contain zero or one [0..1] **low** (CONF:5547-33802).

9. **SHALL** contain exactly one [1..1] **value** with @xsi:type="BL" (CONF:5547-33806).
Note: True means the person does have an order regarding life sustaining treatment and false means the person does not have an order regarding life sustaining treatment.

10. **MAY** contain zero or one [0..1] **entryRelationship** (CONF:5547-34091) such that it

    a. **SHALL** contain exactly one [1..1] **@typeCode**="COMP" (CodeSystem: HL7ActRelationshipType urn:oid:2.16.840.1.113883.5.1002) (CONF:5547-34096).

    b. **SHALL** contain exactly one [1..1] **observation**, which **SHALL** be selected from ValueSet **StateValueSet** urn:oid:2.16.840.1.113883.3.88.12.80.1 **DYNAMIC** (CONF:5547-34097).

        i. This observation **SHALL** contain exactly one [1..1] **code** (CONF:5547-34123).

            1. This code **SHALL** contain exactly one [1..1] **@code**="92183-3" Document Type (CodeSystem: LOINC urn:oid:2.16.840.1.113883.6.1) (CONF:5547-34124).

        ii. This observation **SHALL** contain exactly one [1..1] **value**="84095-9" Do not resuscitate Form (CodeSystem: LOINC urn:oid:2.16.840.1.113883.6.1) (CONF:5547-34125).

11. **MAY** contain zero or one [0..1] **entryRelationship** (CONF:5547-34126) such that it

    a. **SHALL** contain exactly one [1..1] **@typeCode**="COMP" (CodeSystem: HL7ActRelationshipType urn:oid:2.16.840.1.113883.5.1002) (CONF:5547-34129).

    b. **SHALL** contain exactly one [1..1] **observation** (CONF:5547-34127).

        i. This observation **SHALL** contain exactly one [1..1] **code** (CONF:5547-34128).

            1. This code **SHALL** contain exactly one [1..1] **@code**="101349-9" Jurisdiction where advance directive is accepted [Location] (CodeSystem: LOINC urn:oid:2.16.840.1.113883.6.1) (CONF:5547-34130).

        ii. This observation **SHALL** contain exactly one [1..1] **value**, which **SHALL** be selected from ValueSet **StateValueSet** urn:oid:2.16.840.1.113883.3.88.12.80.1 **DYNAMIC** (CONF:5547-34131).

12. **MAY** contain zero or one [0..1] **entryRelationship** (CONF:5547-34092) such that it

    a. **SHALL** contain exactly one [1..1] **@typeCode**="REFR" (CodeSystem: HL7ActRelationshipType urn:oid:2.16.840.1.113883.5.1002) (CONF:5547-34098).

    b. **SHALL** contain exactly one [1..1] **act** (CONF:5547-34093).

     i. This act **SHALL** contain exactly one [1..1] **code**="ASSERTION" (CodeSystem: HL7ActCode urn:oid:2.16.840.1.113883.5.4) (CONF:5547-34099).

     ii. This act **SHALL** contain exactly one [1..1] **author** (CONF:5547-34094).

       1. This author **SHALL** contain exactly one [1..1] **assignedAuthor** (CONF:5547-34095).

         a. This assignedAuthor **SHALL** contain exactly one [1..1] **representedOrganization** (CONF:5547-34100).

13. **MAY** contain zero or more [0..*] **reference** (CONF:5547-33788) such that it

  a. **SHALL** contain exactly one [1..1] **@typeCode**="REFR" Refers to (CodeSystem: HL7ActRelationshipType urn:oid:2.16.840.1.113883.5.1002 **STATIC**) (CONF:5547-33805).

  b. **SHALL** contain exactly one [1..1] **externalDocument** (CONF:5547-33789).

    i. This externalDocument **SHALL** contain at least one [1..*] **id** (CONF:5547-33804).

    ii. This externalDocument **MAY** contain zero or one [0..1] **text** (CONF:5547-33790).

      1. The text, if present, **MAY** contain zero or one [0..1] **reference** (CONF:5547-33791).

        a. The reference, if present, **MAY** contain zero or one [0..1] **@value** (CONF:5547-33803).
Note: This @value represents the URL of the referenced document. If a URL is referenced, include a corresponding linkHTML element in the narrative block.

Figure 24: DNR Observation Example

```
<section>
  <templateId root="2.16.840.1.113883.4.823.1.3.8" extension="2023-08-28" />
  <code code="77599-9" codeSystem="2.16.840.1.113883.6.1" codeSystemName="LOINC"
displayName="Additional documentation" />
  <title mediaType="text/plain" representation="TXT" language="en-US">
Additional Documentation Section Contexts</title>
  <text ID = "ADS">
    Active DNR: Current Version dated 05/01/2020.
    Stored in MyDirectives.com with ID DNRSmithJohnson20200501
  </text>
  <entry>
    <observation classCode="OBS" moodCode="EVN">
      <templateId root="2.16.840.1.113883.4.823.1.4.18" extension="2023-08-28" />
      <id root="2.16.840.1.113883.3.3208.101.4.27.1" extension="20130607100315-CCDA-CCD-
3003" />
      <code code="81351-9" codeSystem="2.16.840.1.113883.6.1" codeSystemName="LOINC"
displayName="Do Not Resuscitate, Do Not Attempt Resuscitation, or Allow Natural Death order
is in place [Reported]" />
      <text>
        <reference value= "#ADS" />
      </text>
      <statusCode code="completed" />
      <effectiveTime value="20200501"/>
      <value xsi:type="BL" value="true" />
      <reference typeCode="REFR">
        <externalDocument>
        <id root = "2.16.840.1.113883.4.823.999" extension="DNRSmithJohnson20200501"/>
        </externalDocument>
      </reference>

    </observation>
  </entry>
</section>
```

3.7   Healthcare Agent Appointment Entry

```
[observation: identifier urn:hl7ii:2.16.840.1.113883.4.823.1.4.2:2022-03-25
(open)]

Published as part of Personal Advance Care Plan V3
```

Table 15: Healthcare Agent Appointment Entry Contexts

Contained By:	Contains:
Healthcare Agent Appointment Section (optional)	

This clinical statement represents a person's appointment of a healthcare agent. The statement permits the person to indicate if the selection is for a primary healthcare agent, a first alternate healthcare agent or a second alternate healthcare agent. It also permits a person's appointment of a healthcare agent advisor.

1. **SHALL** contain exactly one [1..1] **@classCode**="OBS" Observation (CodeSystem: HL7ActClass urn:oid:2.16.840.1.113883.5.6 **STATIC**) (CONF:4525-33206).
2. **SHALL** contain exactly one [1..1] **@moodCode**="EVN" Event (CodeSystem: HL7ActMood urn:oid:2.16.840.1.113883.5.1001 **STATIC**) (CONF:4525-33207).
3. **SHALL** contain exactly one [1..1] **templateId** (CONF:4525-33165) such that it
   a. **SHALL** contain exactly one [1..1] **@root**="2.16.840.1.113883.4.823.1.4.2" (CONF:4525-33183).
   b. **SHALL** contain exactly one [1..1] **@extension**="2022-03-25" (CONF:4525-33184).
4. **SHALL** contain at least one [1..*] **id** (CONF:4525-33208).
5. **SHALL** contain exactly one [1..1] **code** (CONF:4525-33210).
   a. This code **SHALL** contain exactly one [1..1] **@code**, which **SHALL** be selected from ValueSet **Healthcare Agent or Proxy Choices** urn:oid:2.16.840.1.113762.1.4.1046.35 **DYNAMIC** (CONF:4525-33280).
   b. This code **SHALL** contain exactly one [1..1] **@codeSystem** (CONF:4525-33424).
   c. This code **SHALL** contain exactly one [1..1] **@displayName** (CONF:4525-33524).
   d. This code **SHOULD** contain zero or one [0..1] **originalText** (CONF:4525-33457).
      i. The originalText, if present, **SHOULD** contain zero or one [0..1] **reference** (CONF:4525-33458).
         1. The reference, if present, **SHALL** contain exactly one [1..1] **@value** (CONF:4525-33459).
            a. This reference/@value **SHALL** begin with a '#' and **SHALL** point to its corresponding narrative (CONF:4525-33461).
6. **SHALL** contain exactly one [1..1] **text** (CONF:4525-33393).
   a. This text **SHALL** contain exactly one [1..1] **reference** (CONF:4525-33428).
      i. This reference **SHALL** contain exactly one [1..1] **@value** (CONF:4525-33460).
         1. This reference/@value **SHALL** begin with a '#' and **SHALL** point to its corresponding narrative (using the approach defined in CDA R2.0, section 4.3.5.1) (CONF:4525-33462).
7. **SHALL** contain exactly one [1..1] **statusCode** (CONF:4525-33166).
   a. This statusCode **SHALL** contain exactly one [1..1] **@code**="completed" (CodeSystem: HL7ActStatus urn:oid:2.16.840.1.113883.5.14 **STATIC**) (CONF:4525-33185).
8. **SHOULD** contain zero or one [0..1] **participant** (CONF:4525-33385).
   a. The participant, if present, **SHALL** contain exactly one [1..1] **@typeCode** (CodeSystem: HL7ParticipationType urn:oid:2.16.840.1.113883.5.90) (CONF:4525-33411). Note: Use CST for an appointed healthcare agent and use VRF for a healthcare agent who has expressly accepted the appointment.
   b. The participant, if present, **SHALL** contain exactly one [1..1] **participantRole** (CONF:4525-33412).
      i. This participantRole **SHALL** contain exactly one [1..1] **@classCode**="AGNT" (CodeSystem: HL7RoleCode urn:oid:2.16.840.1.113883.5.111) (CONF:4525-33414).
      ii. This participantRole **SHALL** contain at least one [1..*] **id** (CONF:4525-33415).

iii. This participantRole **SHOULD** contain zero or one [0..1] **code** (ValueSet: **Personal And Legal Relationship Role Type** urn:oid:2.16.840.1.113883.11.20.12.1 **DYNAMIC**) (CONF:4525-33416).

iv. This participantRole **SHOULD** contain zero or more [0..*] **addr** (CONF:4525-33417).

v. This participantRole **SHALL** contain at least one [1..*] **telecom** (CONF:4525-33418).

vi. This participantRole **SHALL** contain exactly one [1..1] **playingEntity** (CONF:4525-33413).

    1. This playingEntity **MAY** contain zero or one [0..1] **code** (CONF:4525-33419).

    2. This playingEntity **SHALL** contain exactly one [1..1] **name** (CONF:4525-33420).

9. **MAY** contain zero or more [0..*] **reference** (CONF:4525-33177) such that it

    a. **SHALL** contain exactly one [1..1] **@typeCode**="REFR" Refers to (CodeSystem: HL7ActRelationshipType urn:oid:2.16.840.1.113883.5.1002 **STATIC**) (CONF:4525-33204).

    b. **SHALL** contain exactly one [1..1] **externalDocument** (CONF:4525-33178).

        i. This externalDocument **SHALL** contain at least one [1..*] **id** (CONF:4525-33203).

        ii. This externalDocument **MAY** contain zero or one [0..1] **text** (CONF:4525-33179).

            1. The text, if present, **MAY** contain zero or one [0..1] **reference** (CONF:4525-33180).

                a. The reference, if present, **MAY** contain zero or one [0..1] **@value** (CONF:4525-33394).
Note: This @value represents the URL of the referenced document.

                b. If a URL is referenced, then it **SHOULD** have a corresponding linkHTML element in narrative block (CONF:4525-33202).

Figure 25: Healthcare Agent Appointment Entry Example

```
<section>
  <templateId root="2.16.840.1.113883.4.823.1.3.3" extension="2022-03-25" />
  <code code="81335-2" codeSystem="2.16.840.1.113883.6.1" codeSystemName="LOINC"
displayName="Patient Healthcare agent" />
  <title mediaType="text/plain" representation="TXT" language="en-US">
Healthcare Agent Appointment</title>
  <text>
    <paragraph>
      IF THIS PART OF THE uADD™ IS LEFT BLANK, I DO NOT WANT TO DESIGNATE A <br />
      HEALTHCARE AGENT AT THIS TIME, AND I DO NOT WANT A <br />
      DEFAULT HEALTHCARE AGENT DESIGNATED FOR ME UNDER APPLICABLE LAW.<br />
      I TRUST THE DOCTORS AND NURSES TREATING ME TO MAKE <br />
      MEDICAL TREATMENT DECISIONS REGARDING MY TREATMENT AND CARE.
    </paragraph>
    <paragraph>I am appointing the person or persons below as my healthcare agent and,
        if applicable, as my alternate healthcare agent(s), and I am granting to each of
        them the legal authority to make medical treatment decisions on my behalf and to
        consult with my physician and others. The power to make medical treatment
        decisions that I am granting to my healthcare agent(s) is expressly subject to,
        and limited by, the choices that I have expressed elsewhere in my uADD. If my
        medical treatment choices are not clear, I am authorizing and directing my
        healthcare agent to make decisions in my best interests and based on what is
known
        of my wishes.</paragraph>
    <content ID="HealthAgent1">
      <content styleCode="Bold" ID="HealthAgent1Type">Primary Healthcare Agent</content><br
/>
      <content >The person I choose as my Primary Healthcare Agent is:</content><br />
      <content styleCode="Answer">
        <content ID="HealthAgent1Person">
          Charles Johnson
          <content ID="HealthAgent1Rel">(Son)</content>
        </content><br />
        <content ID="HealthAgent1Email">CharlesSJ@example.com </content><br />
        <content ID="HealthAgent1SelectedDate">
[SELECTED to act as a healthcare agent on 05/01/2020, at 2:29PM CDT]
</content><br />
      </content>
    </content><br />
    <content ID="HealthAgent2">
      <content styleCode="Bold" ID="HealthAgent2Type">
First Alternate Healthcare Agent</content><br />
      <content ID="HealthAgent2Powers">If this alternate healthcare agent is unable or
          unwilling to make medical treatment decisions for me, or if my spouse is
          designated as my first alternate healthcare agent and our marriage is annulled,
          or we are divorced or legally separated, then my next choice for a healthcare
          agent is:</content><br />
      <content styleCode="Answer">
        <content ID="HealthAgent2Person">
          Debra Johnson
          <content ID="HealthAgent2Rel">(Daughter)</content>
        </content>
        <br />
        <content ID="HealthAgent2Email"> DebraSJ@example.com </content>
        <br />
```

```
        <content ID="HealthAgent2SelectedDate">
[SELECTED to act as a healthcare agent on 5/01/2020, at 2:29 PM CDT]
</content><br />
        <content ID="HealthAgent2AcceptanceDate" styleCode="RedAnswer">
[As of 12/17/2021, at 11:29 AM CDT, a response is still PENDING]
</content><br />
      </content>
    </content>
. . .
  </text>
  <entry>
    <observation classCode="OBS" moodCode="EVN">
      <templateId root="2.16.840.1.113883.4.823.1.4.2" extension="2022-03-25" />
      <id root="BFA14633-2316-412A-8B2E-820752D9BBDE" />
      <code code="75783-1" codeSystem="2.16.840.1.113883.6.1" codeSystemName="LOINC"
displayName="Primary healthcare agent [Reported]">
        <originalText>
          <reference value="#HealthAgent1Type" />
        </originalText>
      </code>
      <text>
        <reference value="#HealthAgent1" />
      </text>
      <statusCode code="completed" />
      <effectiveTime value="202005011429-0500" />
      <participant typeCode="CST">
        <participantRole classCode="AGNT">
          <id root="DC6F7D6E-7915-41DD-A692-97CEE94B14C6" />
          <code code="SONC" codeSystem="2.16.840.1.113883.5.111"
codeSystemName="HL7RoleCode" displayName="son">
            <originalText>
              <reference value="#HealthAgent1Rel" />
            </originalText>
          </code>
          <telecom value="mailto:CharlesSJ@example.com" use="HP" />
          <playingEntity>
            <name>
              <given partType="GIV">Charles</given>
              <family partType="FAM">Johnson</family>
            </name>
          </playingEntity>
        </participantRole>
      </participant>
    </observation>
  </entry>
  <entry>
    <observation classCode="OBS" moodCode="EVN">
      <templateId root="2.16.840.1.113883.4.823.1.4.2" extension="2022-03-25" />
      <id root="1D5A12F2-7637-4970-806D-CF08FBC66ECB" />
      <code code="75784-9" codeSystem="2.16.840.1.113883.6.1" codeSystemName="LOINC"
displayName="First alternate healthcare agent [Reported]">
        <originalText>
          <reference value="#HealthAgent2Type" />
        </originalText>
      </code>
      <text>
        <reference value="#HealthAgent2" />
```

```
        </text>
        <statusCode code="completed" />
        <effectiveTime value="202005011429-0500" />
        <participant typeCode="CST">
          <participantRole classCode="AGNT">
            <id root="E4EBFD1D-8166-4577-9D4E-94E385B78B18" />
            <code code="DAUC" codeSystem="2.16.840.1.113883.5.111"
codeSystemName="HL7RoleCode" displayName="daughter">
              <originalText>
                <reference value="#HealthAgent2Rel" />
              </originalText>
            </code>
            <telecom value="mailto:DebraSJ@example.com" use="HP" />
            <playingEntity>
              <name>
                <given partType="GIV">Debra</given>
                <family partType="FAM">Johnson</family>
              </name>
            </playingEntity>
          </participantRole>
        </participant>
      </observation>
    </entry>
. . .
</section>
```

3.8   Healthcare Agent Authority

```
[observation: identifier urn:hl7ii:2.16.840.1.113883.4.823.1.4.4:2022-03-25
(open)]

Published as part of Personal Advance Care Plan V3
```

Table 16: Healthcare Agent Authority Contexts

Contained By:	Contains:
Healthcare Agent Appointment Section (optional)	

This template is used to represent a power or limitation granted to a person acting as healthcare agent.

1. **SHALL** contain exactly one [1..1] **@classCode**="OBS" Observation (CodeSystem: HL7ActClass urn:oid:2.16.840.1.113883.5.6 **STATIC**) (CONF:4525-33322).
2. **SHALL** contain exactly one [1..1] **@moodCode**="EVN" Event (CodeSystem: HL7ActMood urn:oid:2.16.840.1.113883.5.1001 **STATIC**) (CONF:4525-33323).
3. **SHALL** contain exactly one [1..1] **templateId** (CONF:4525-33306) such that it
    a. **SHALL** contain exactly one [1..1] **@root**="2.16.840.1.113883.4.823.1.4.4" (CONF:4525-33314).
    b. **SHALL** contain exactly one [1..1] **@extension**="2022-03-25" (CONF:4525-33315).
4. **SHALL** contain at least one [1..*] **id** (CONF:4525-33324).
5. **SHALL** contain exactly one [1..1] **code** (CONF:4525-33325).

a. This code **SHALL** contain exactly one [1..1] `@code`, which **SHALL** be selected from ValueSet **Healthcare Agent Powers or Limitations Indicator** `urn:oid:2.16.840.1.113762.1.4.1115.13` **DYNAMIC** (CONF:4525-33326).

b. This code **SHALL** contain exactly one [1..1] `@codeSystem`="2.16.840.1.113883.6.1" (CONF:4525-33327).

c. This code **SHALL** contain exactly one [1..1] `@displayName` (CONF:4525-33525).

d. This code **SHOULD** contain zero or one [0..1] `originalText` (CONF:4525-33450).

    i. The originalText, if present, **SHOULD** contain zero or one [0..1] `reference` (CONF:4525-33451).

        1. The reference, if present, **SHALL** contain exactly one [1..1] `@value` (CONF:4525-33452).

            a. This reference/@value **SHALL** begin with a '#' and **SHALL** point to its corresponding narrative (CONF:4525-33453).

6. **SHALL** contain exactly one [1..1] `text` (CONF:4525-33391).

  a. This text **SHALL** contain exactly one [1..1] `reference` (CONF:4525-33454).

    i. This reference **SHALL** contain exactly one [1..1] `@value` (CONF:4525-33455).

        1. This reference/@value **SHALL** begin with a '#' and **SHALL** point to its corresponding narrative (using the approach defined in CDA R2.0, section 4.3.5.1) (CONF:4525-33456).

7. **SHALL** contain exactly one [1..1] `statusCode` (CONF:4525-33307).

  a. This statusCode **SHALL** contain exactly one [1..1] `@code`="completed" (CodeSystem: HL7ActStatus `urn:oid:2.16.840.1.113883.5.14` **STATIC**) (CONF:4525-33316).

8. **SHALL** contain exactly one [1..1] `value` (CONF:4525-33312).

  a. The @xsi:type of this value **SHOULD** be either "CD" or "ED" (CONF:4525-33766).

9. **MAY** contain zero or one [0..1] `value` with @xsi:type="CD" (CodeSystem: SNOMED CT `urn:oid:2.16.840.1.113883.6.96`) (CONF:4525-33763).

  a. The value, if present, **SHOULD** contain zero or one [0..1] `originalText` (CONF:4525-33764).

    i. The originalText, if present, **SHOULD** contain zero or one [0..1] `reference` (CONF:4525-33767).

10. **MAY** contain zero or one [0..1] `value` with @xsi:type="ED" (CONF:4525-33765).

  a. The value, if present, **SHOULD** contain zero or one [0..1] `reference` (CONF:4525-33768).

11. **MAY** contain zero or more [0..*] `reference` (CONF:4525-33308) such that it

  a. **SHALL** contain exactly one [1..1] `@typeCode`="REFR" Refers to (CodeSystem: HL7ActRelationshipType `urn:oid:2.16.840.1.113883.5.1002` **STATIC**) (CONF:4525-33320).

  b. **SHALL** contain exactly one [1..1] `externalDocument` (CONF:4525-33309).

    i. This externalDocument **SHALL** contain at least one [1..*] `id` (CONF:4525-33319).

    ii. This externalDocument **MAY** contain zero or one [0..1] `text` (CONF:4525-33310).

        1. The text, if present, **MAY** contain zero or one [0..1] `reference` (CONF:4525-33311).

a. The reference, if present, **MAY** contain zero or one [0..1] **@value** (CONF:4525-33392).
Note: This @value represents the URL of the referenced document.

b. If a URL is referenced, then it **SHOULD** have a corresponding linkHTML element in narrative block (CONF:4525-33318).

12. **MAY** contain zero or more [0..*] **precondition** (CONF:4525-33508).
Note: Treat separate preconditions as "OR". If "AND" is intended, group the criteria in a single precondition.

a. The precondition, if present, **SHALL** contain exactly one [1..1] **criterion** (CONF:4525-33858).

i. This criterion **SHALL** contain zero or one [0..1] **value** (CONF:4525-33859).

1. The @xsi:type of this value **SHOULD** be either "CD" or "ED" (CONF:4525-33863).

ii. This criterion **MAY** contain zero or one [0..1] **value** with @xsi:type="CD" (CONF:4525-33860).

1. The value, if present, **SHOULD** contain zero or one [0..1] **originalText** (CONF:4525-33861).

a. The originalText, if present, **SHALL** contain exactly one [1..1] **reference** (CONF:4525-33864).

iii. This criterion **MAY** contain zero or one [0..1] **value** with @xsi:type="ED" (CONF:4525-33862).

1. The value, if present, **SHALL** contain exactly one [1..1] **reference** (CONF:4525-33865).

Figure 26: Healthcare Agent Authority Example

```
<section>
  <templateId root="2.16.840.1.113883.4.823.1.3.3" extension="2022-03-25" />
  <code code="81335-2" codeSystem="2.16.840.1.113883.6.1" codeSystemName="LOINC"
displayName="Patient Healthcare agent" />
  <title mediaType="text/plain" representation="TXT" language="en-US">
Healthcare Agent Appointment</title>
  <text>
. . .
    <content ID="HCA_1">
       <content ID="HCA_1_Q" styleCode="Bold"> My Healthcare Agent's General Authority
</content><br />
      <content ID="HCA_1_PL">
              Subject to my medical treatment choices expressed elsewhere in this
              uADD™ and applicable law that requires otherwise, I grant to my healthcare
              agent the power to make all choices and medical treatment decisions for me.
      </content>
    </content><br />
    <content ID="HCA_2">
      <content ID="HCA_2_C">If I cannot express my own wishes for medical treatment,
</content>
      <content ID="HCA_2_PL">I would like the doctors treating me, as well as my
            healthcare agent if I have chosen one, to make decisions based as much as
            possible and appropriate on my instructions below. </content>
    </content>
. . .
  </text>
. . .
  <entry>
    <observation classCode="OBS" moodCode="EVN">
      <templateId root="2.16.840.1.113883.4.823.1.4.4" extension="2022-03-25" />
      <id root="CB1071CB-5403-4226-9F98-1608A818936E" />
      <code code="75786-4" codeSystem="2.16.840.1.113883.6.1" codeSystemName="LOINC"
displayName="Powers granted to healthcare agent [Reported]">
        <originalText>
          <reference value="#HCA_1_Q" />
        </originalText>
      </code>
      <text>
        <reference value="#HCA_1" />
      </text>
      <statusCode code="completed" />
      <value xsi:type="ED">
        <reference value="#HCA_1_PL" />
      </value>
    </observation>
  </entry>
  <entry>
    <observation classCode="OBS" moodCode="EVN">
      <templateId root="2.16.840.1.113883.4.823.1.4.4" extension="2022-03-25" />
      <id root="C0E16C64-6D83-4611-8C0C-19494F1CF36D" />
      <code code="75786-4" codeSystem="2.16.840.1.113883.6.1" codeSystemName="LOINC"
displayName="Powers granted to healthcare agent [Reported]" />
      <text>
        <reference value="#HCA_2" />
      </text>
```

```
      <statusCode code="completed" />
      <value xsi:type="ED">
        <reference value="#HCA_2_PL" />
      </value>
      <precondition>
        <criterion>
          <value xsi:type="ED">
            <reference value="#HCA_2_C" />
          </value>
        </criterion>
      </precondition>
    </observation>
  </entry>
. . .
</section>
```

3.9   Notary Observation

```
[observation: identifier urn:hl7ii:2.16.840.1.113883.4.823.1.4.13:2023-08-28
(open)]

Draft as part of Personal Advance Care Plan V4
```

Table 17: Notary Observation Contexts

Contained By:	Contains:
[Witness and Notary Section](#) (optional)	

This template is used to represent an individual who notarizes the signing of the advance directive document. The notary is there to confirm the identity of the testator (person making the advance directive document) before they sign the document as the author.

A notary is an authenticator for the document. If the notary digitally signs the document, the digital signature information is recorded in the notary's authenticator block in the header.

Meaning	Template	Observation.code	Participation.type	Participant RoleCode
A notary public who notarized the person's signature act	Notary Observation	81372-5 LOINC	WIT ParticipationType	NOT RoleClass

1. **SHALL** contain exactly one [1..1] **@classCode**="OBS" Observation (CodeSystem: HL7ActClass urn:oid:2.16.840.1.113883.5.6 **STATIC**) (CONF:5547-33628).
2. **SHALL** contain exactly one [1..1] **@moodCode**="EVN" Event (CodeSystem: HL7ActMood urn:oid:2.16.840.1.113883.5.1001 **STATIC**) (CONF:5547-33629).
3. **SHALL** contain exactly one [1..1] **templateId** (CONF:5547-33612) such that it
    a. **SHALL** contain exactly one [1..1] **@root**="2.16.840.1.113883.4.823.1.4.13" (CONF:5547-33621).
    b. **SHALL** contain exactly one [1..1] **@extension**="2023-08-28" (CONF:5547-33622).
4. **SHALL** contain at least one [1..*] **id** (CONF:5547-33630).

5. **SHALL** contain exactly one [1..1] **code** (CONF:5547-33614).
    a. This code **SHALL** contain exactly one [1..1] **@code**="81372-5" (CodeSystem: LOINC urn:oid:2.16.840.1.113883.6.1) (CONF:5547-33624).
    b. This code **SHALL** contain exactly one [1..1] **@codeSystem**="2.16.840.1.113883.6.1" (CONF:5547-33625).
    c. This code **SHALL** contain exactly one [1..1] **@displayName** (CONF:5547-33626).
6. **SHALL** contain exactly one [1..1] **text** (CONF:5547-33615).
    a. This text **SHALL** contain exactly one [1..1] **reference** (CONF:5547-33616).
        i. This reference **SHALL** contain exactly one [1..1] **@value** (CONF:5547-33617).
            1. This reference/@value **SHALL** begin with a '#' and **SHALL** point to its corresponding narrative (using the approach defined in CDA R2.0, section 4.3.5.1) (CONF:5547-33627).
7. **SHALL** contain exactly one [1..1] **statusCode** (CONF:5547-33613).
    a. This statusCode **SHALL** contain exactly one [1..1] **@code**="completed" (CodeSystem: HL7ActStatus urn:oid:2.16.840.1.113883.5.14 **STATIC**) (CONF:5547-33623).
8. **SHALL** contain exactly one [1..1] **participant** (CONF:5547-33898) such that it
    a. **SHALL** contain exactly one [1..1] **@typeCode**="WIT" (CodeSystem: HL7ParticipationType urn:oid:2.16.840.1.113883.5.90) (CONF:5547-33901).
    b. **SHALL** contain exactly one [1..1] **time** (CONF:5547-33902).
    c. **SHALL** contain exactly one [1..1] **participantRole** (CONF:5547-33899).
        i. This participantRole **SHALL** contain exactly one [1..1] **id** (CONF:5547-33903).
        ii. This participantRole **SHALL** contain exactly one [1..1] **code**="NOT" Notary Public (CodeSystem: HL7RoleClass urn:oid:2.16.840.1.113883.5.110) (CONF:5547-33958).
        iii. This participantRole **SHALL** contain at least one [1..*] **addr** (CONF:5547-33904).
            1. Such addrs **SHALL** contain exactly one [1..1] **state** (CONF:5547-34077).
            Note: Note: the State holds the State of Commission for the Notary.
            2. Such addrs **MAY** contain zero or one [0..1] **county** (CONF:5547-34078).
            Note: The County holds the County of Commission for the Notary.
        iv. This participantRole **SHALL** contain exactly one [1..1] **playingEntity** (CONF:5547-33900).
            1. This playingEntity **SHALL** contain exactly one [1..1] **name** (CONF:5547-33905).

Figure 27: Notary Observation Example

```
<component>
    <!-- code code="81339-4" codeSystem="2.16.840.1.113883.6.1" codeSystemName="LOINC"
displayName="Witness and notary Document" -->
    <section>
        <templateId root="2.16.840.1.113883.4.823.1.3.9" extension="2023-08-28"/>
        <code code="81339-4" codeSystem="2.16.840.1.113883.6.1" codeSystemName="LOINC"
            displayName="Witness and notary Document"/>
        <title mediaType="text/plain" representation="TXT" language="en-US">Witnesses and
Notary</title>
        <text>
  ...
            <content styleCode="Bold">Notary Statement</content>
            <br/>
            <br/>
            <content ID="DocAuthenStatement">Signed (or subscribed or attested) before
                me on (date) <content>May 1st, 2020</content> by (name of person)
                <content>Natalie Notarizer.</content></content>
            <renderMultiMedia referencedObject="NotaryStamp"/>
            <table ID="NOT-stamp">
                <tbody>
                    <tr>
                        <td>Notary Name:</td>
                        <td>Natalie Notarizer</td>
                    </tr>
                    <tr>
                        <td>Date:</td>
                        <td>05/01/2020, at 2:29pm PDT </td>
                    </tr>
                    <tr>
                        <td>Notary ID#:</td>
                        <td>123456</td>
                    </tr>
                    <tr ID="CommissionJurisdiction">
                        <td>Commission Jurisdiction:</td>
                        <td>TX</td>
                    </tr>
                    <tr ID="NOT-CommissionExpiration">
                        <td>Commission Expires:</td>
                        <td>4/25/2026</td>
                    </tr>
                </tbody>
            </table>
...
        </text>
...
        <entry>
            <observationMedia ID="NotaryStamp" classCode="OBS" moodCode="EVN">
                <value representation="B64" mediaType="image/png">
                    iVBORw0KGgoAAAA...
                </value>
            </observationMedia>
        </entry>

        <entry>
            <!-- Notary Public -->
```

```xml
            <observation classCode="OBS" moodCode="EVN">
                <templateId root="2.16.840.1.113883.4.823.1.4.13" extension="2023-08-28"/>
                <id root="2.16.840.1.113883.3.3208.101.4.27.1"
                    extension="20130607100315-CCDA-CCD-3003"/>
                <code code="81372-5" codeSystem="2.16.840.1.113883.6.1"
                    codeSystemName="LOINC" displayName="Notary"/>
                <text>
                    <reference value="#NOTpublic"/>
                </text>
                <statusCode code="completed"/>
                <participant typeCode="WIT">
                    <!--This is the Notary Public wittnessing the signing of the document
by the person whose identity has been presented/verified by the Notary. -->
                    <time value="202005011429-0700"/>
                    <participantRole>
                        <id root="2.16.840.1.113883.4.823.1.5.1"
                            extension="20130607102401"/>
                        <!--Notary id-->
                        <code code="NOT" codeSystem="2.16.840.1.113883.5.110"
                            codeSystemName="RoleClass" displayName="Notary Public"> </code>
                        <addr use="HP">
                            <streetAddressLine partType="SAL">5555 Busy
                                Ave.</streetAddressLine>
                            <city partType="CTY">Silver Spring</city>
                            <state partType="STA">TX</state>
                            <postalCode partType="ZIP">78212</postalCode>
                            <country partType="CNT">US</country>
                        </addr>
                        <playingEntity>
                            <name use="L">
                                <given partType="GIV">Natalie</given>
                                <family partType="FAM">Notarizer</family>
                            </name>
                        </playingEntity>
                    </participantRole>
                </participant>
                <entryRelationship typeCode="COMP">
                    <observation classCode="OBS" moodCode="EVN">
                        <code code="81373-3" codeSystem="2.16.840.1.113883.6.1"
                            codeSystemName="LOINC"
                            displayName="Notary commission expiration date"/>
                        <text>
                            <reference value="#NOT-CommissionExpiration"/>
                        </text>
                        <statusCode code="completed"/>
                        <effectiveTime value="20260428"/>
                        <!-- Commission Expiration -->
                        <value xsi:type="CD" code="OR"/>
                        <!-- Move to an entryRelationship if LOINC creates concept for
Comission Jurisdiction-->
                    </observation>
                </entryRelationship>
            </observation>
        </entry>
    </section>
</component>
```

3.10 Organ Donation Preference

```
[observation: identifier urn:hl7ii:2.16.840.1.113883.4.823.1.4.12:2023-08-28
(open)]
```

```
Draft as part of Personal Advance Care Plan V4
```

Table 18: Organ Donation Preference Contexts

Contained By:	Contains:
[GPP Upon Death Section](#) (optional)	

This template is used to represent the author's thoughts about organ donation.

1. **SHALL** contain exactly one [1..1] **@classCode**="OBS" Observation (CodeSystem: HL7ActClass urn:oid:2.16.840.1.113883.5.6 **STATIC**) (CONF:5547-33232).
2. **SHALL** contain exactly one [1..1] **@moodCode**="INT" Intent (CodeSystem: HL7ActMood urn:oid:2.16.840.1.113883.5.1001 **STATIC**) (CONF:5547-33233).
3. **SHALL** contain exactly one [1..1] **templateId** (CONF:5547-33212) such that it
    a. **SHALL** contain exactly one [1..1] **@root**="2.16.840.1.113883.4.823.1.4.12" (CONF:5547-33222).
    b. **SHALL** contain exactly one [1..1] **@extension**="2023-08-28" (CONF:5547-33223).
4. **SHALL** contain at least one [1..*] **id** (CONF:5547-33234).
5. **SHALL** contain exactly one [1..1] **code** (CONF:5547-33235).
    a. This code **SHALL** contain exactly one [1..1] **@code**="75781-5" (CodeSystem: LOINC urn:oid:2.16.840.1.113883.6.1) (CONF:5547-33371).
    b. This code **SHALL** contain exactly one [1..1] **@codeSystem**="2.16.840.1.113883.6.1" (CONF:5547-33377).
    c. This code **SHALL** contain exactly one [1..1] **@displayName** (CONF:5547-33534).
    d. This code **SHOULD** contain zero or one [0..1] **originalText** (CONF:5547-33470).
        i. The originalText, if present, **SHOULD** contain zero or one [0..1] **reference** (CONF:5547-33471).
            1. The reference, if present, **SHALL** contain exactly one [1..1] **@value** (CONF:5547-33472).
                a. This reference/@value **SHALL** begin with a '#' and **SHALL** point to its corresponding narrative (CONF:5547-33475).
6. **SHALL** contain exactly one [1..1] **text** (CONF:5547-33397).
    a. This text **SHALL** contain exactly one [1..1] **reference** (CONF:5547-33429).
        i. This reference **SHALL** contain exactly one [1..1] **@value** (CONF:5547-33473).
            1. This reference/@value **SHALL** begin with a '#' and **SHALL** point to its corresponding narrative (using the approach defined in CDA R2.0, section 4.3.5.1) (CONF:5547-33476).
7. **SHALL** contain exactly one [1..1] **statusCode** (CONF:5547-33213).
    a. This statusCode **SHALL** contain exactly one [1..1] **@code**="completed" (CodeSystem: HL7ActStatus urn:oid:2.16.840.1.113883.5.14 **STATIC**) (CONF:5547-33224).

8. **SHALL** contain exactly one [1..1] **value** (CONF:5547-33220) such that it
    a. The @xsi:type of this value **SHOULD** be either "CD" or "ED" (CONF:5547-33721).
9. **MAY** contain zero or one [0..1] **value** with @xsi:type="CD" (CodeSystem: SNOMED CT urn:oid:2.16.840.1.113883.6.96) (CONF:5547-33716) such that it
    a. **SHOULD** contain zero or one [0..1] **originalText** (CONF:5547-33717).
        i. The originalText, if present, **SHOULD** contain zero or one [0..1] **reference** (CONF:5547-33719).
10. **MAY** contain zero or one [0..1] **value** with @xsi:type="ED" (CodeSystem: SNOMED CT urn:oid:2.16.840.1.113883.6.96) (CONF:5547-33718) such that it
    a. **SHOULD** contain zero or one [0..1] **reference** (CONF:5547-33720).
11. **MAY** contain zero or more [0..*] **reference** (CONF:5547-33216) such that it
    a. **SHALL** contain exactly one [1..1] **@typeCode**="REFR" Refers to (CodeSystem: HL7ActRelationshipType urn:oid:2.16.840.1.113883.5.1002 **STATIC**) (CONF:5547-33230).
12. **MAY** contain zero or more [0..*] **precondition** (CONF:5547-33509).
    Note: Treat separate preconditions as "OR". If "AND" is intended, group the criteria in a single precondition.

Figure 28: Organ Donation Preference Example

```
<section>
  <templateId root="2.16.840.1.113883.4.823.1.3.5" extension="2023-08-28/>
  <code code="81337-8" codeSystem="2.16.840.1.113883.6.1" codeSystemName="LOINC"
displayName="Patient Goals, preferences, and priorities upon death" />
  <title mediaType="text/plain" representation="TXT" language="en-US">
Preferences Upon Death</title>
  <text>
    <content ID="GPP_ud_1">
      <content ID="GPP_ud_1_Q" styleCode="Bold">Organ Donation:</content><br />
       <content ID="GPP_ud_1_A" styleCode="Answer">
I would like to donate all organs and tissues that would be useful for someone else.
</content>
    </content><br /><br />
. . .
  </text>
  <entry>
    <observation classCode="OBS" moodCode="INT">
      <templateId root="2.16.840.1.113883.4.823.1.4.12" extension="2023-08-28" />
      <id root="E9C0C416-5B1A-4A09-A246-7108035D8BEE" />
      <code code="75781-5" codeSystem="2.16.840.1.113883.6.1" codeSystemName="LOINC"
displayName="Thoughts on organ and tissue donations [Reported]">
        <originalText>
          <reference value="#GPP_ud_1_Q" />
        </originalText>
      </code>
      <text>
        <reference value="#GPP_ud_1" />
      </text>
      <statusCode code="completed" />
      <value xsi:type="ED">
        <reference value="#GPP_ud_1_A" />
      </value>
    </observation>
  </entry>
. . .
</section>
```

3.11 Personal Advance Directive Document Observation

```
[observation: identifier urn:hl7ii:2.16.840.1.113883.4.823.1.4.23:2023-08-28
(open)]

Draft as part of Personal Advance Care Plan V4
```

Table 19: Personal Advance Directive Document Observation Contexts

Contained By:	Contains:
Additional Documentation Section (optional)	

This template is used to indicate if a person has patient-authored Personal Advance Directive Documents (45473-6 | Advance directive/living will completed). It functions in the same way as the

DNR Observation and MOLST Observation, but it is specifically for indicating the person has a Personal Advance Directive document which they have authored. In the context of one PACP document, this template would be used to express the existence of "another" Personal Advance Directive Document. This is possible when a person has multiple Personal Advance Directive documents from different jurisdictions, or using different form types such as a MyDirectives form as well as a 5 Wishes form. Also, this observation can be used to indicate that if a person has an Advance Directive/Living will separate from the Personal Advance Care Document. This may be a jurisdictional-specific. There could be more than one of these. The value is a Boolean.

The observation includes an optional component observation for the document or form type (92183-3 | Document Type). The value shall be in LOINC and SHOULD be from a value set Personal Advance Direcitve Document Types which will include the codes for Personal Advance Care Plan, Living Will, Durable POA, LW & POA. The Authoritative Source for the source-form is a component observation (101349-9 | Jurisdiction where advance directive is accepted). It includes an optional value which SHALL come from the US States value set (StateValueSet urn:oid:2.16.840.1.113883.3.88.12.80.1). There MAY be an author participant to indicate the Authoritative Source is an organization rather than a state, i.e. the Catholic Church or the American Bar Association..

The primary observation also may include 1 or more component observations which hold the Document or Form Description. These optional observation component's carry the code "ASSERTION" and should include originalText to capture the UI any narrative text or other information gathered in the UI about this other Personal Advance Directive Document.

If a patient-authored Personal Advance Directive Document exists, the observation optionally includes a reference structure that can be used to point to the document.

1. **SHALL** contain exactly one [1..1] **@classCode**="OBS" Observation (CodeSystem: HL7ActClass urn:oid:2.16.840.1.113883.5.6 **STATIC**) (CONF:5547-34061).

2. **SHALL** contain exactly one [1..1] **@moodCode**="EVN" Event (CodeSystem: HL7ActMood urn:oid:2.16.840.1.113883.5.1001 **STATIC**) (CONF:5547-34062).

3. **SHALL** contain exactly one [1..1] **templateId** (CONF:5547-34034) such that it
   a. **SHALL** contain exactly one [1..1] **@root**="2.16.840.1.113883.4.823.1.4.23" (CONF:5547-34048).
   b. **SHALL** contain exactly one [1..1] **@extension**="2023-08-28" (CONF:5547-34049).

4. **SHALL** contain at least one [1..*] **id** (CONF:5547-34063).

5. **SHALL** contain exactly one [1..1] **code** (CONF:5547-34035).
   a. This code **SHALL** contain exactly one [1..1] **@code**="45473-6" Advance directive/living will completed (CodeSystem: LOINC urn:oid:2.16.840.1.113883.6.1) (CONF:5547-34051).
   b. This code **SHALL** contain exactly one [1..1] **@codeSystem**="2.16.840.1.113883.6.1" (CONF:5547-34052).
   c. This code **SHALL** contain exactly one [1..1] **@displayName** (CONF:5547-34053).
   d. This code **SHOULD** contain zero or one [0..1] **originalText** (CONF:5547-34036).
      i. The originalText, if present, **SHOULD** contain zero or one [0..1] **reference** (CONF:5547-34037).
         1. The reference, if present, **SHALL** contain exactly one [1..1] **@value** (CONF:5547-34038).
            a. This reference/@value **SHALL** begin with a '#' and **SHALL** point to its corresponding narrative (CONF:5547-34050).

6. **SHALL** contain exactly one [1..1] **text** (CONF:5547-34045).
   Note: The text element SHALL include a reference to the corresponding human readable information represented in the narrative text of the section.
   a. This text **SHALL** contain exactly one [1..1] **reference** (CONF:5547-34046).
      i. This reference **SHALL** contain exactly one [1..1] **@value** (CONF:5547-34047).
         1. This reference/@value **SHALL** begin with a '#' and **SHALL** point to its corresponding narrative (using the approach defined in CDA R2.0, section 4.3.5.1) (CONF:5547-34059).
7. **SHALL** contain exactly one [1..1] **statusCode** (CONF:5547-34039).
   a. This statusCode **SHALL** contain exactly one [1..1] **@code**="completed" (CodeSystem: HL7ActStatus urn:oid:2.16.840.1.113883.5.14 **STATIC**) (CONF:5547-34054).
8. **SHALL** contain exactly one [1..1] **effectiveTime** (CONF:5547-34040).
   a. This effectiveTime **MAY** contain zero or one [0..1] **low** (CONF:5547-34055).
9. **SHALL** contain exactly one [1..1] **value** with @xsi:type="BL" (CONF:5547-34060).
   Note: True means the person does have an order regarding life sustaining treatment and false means the person does not have an order regarding life sustaining treatment.
10. **MAY** contain zero or one [0..1] **entryRelationship** (CONF:5547-34064) such that it
    a. **SHALL** contain exactly one [1..1] **@typeCode**="COMP" (CodeSystem: HL7ActRelationshipType urn:oid:2.16.840.1.113883.5.1002) (CONF:5547-34070).
    b. **SHALL** contain exactly one [1..1] **observation** (CONF:5547-34065).
       i. This observation **SHALL** contain exactly one [1..1] **code**="92183-3" Document Type (CodeSystem: LOINC urn:oid:2.16.840.1.113883.6.1) (CONF:5547-34071).
       ii. This observation **SHALL** contain exactly one [1..1] **value**, which **SHALL** be selected from ValueSet **Personal Advance Directive Document Types** urn:oid:2.16.840.1.113762.1.4.1115.22 **DYNAMIC** (CONF:5547-34072).
11. **MAY** contain zero or one [0..1] **entryRelationship** (CONF:5547-34081) such that it
    a. **SHALL** contain exactly one [1..1] **@typeCode**="COMP" (CodeSystem: HL7ActRelationshipType urn:oid:2.16.840.1.113883.5.1002) (CONF:5547-34086).
    b. **SHALL** contain exactly one [1..1] **observation** (CONF:5547-34087).
       i. This observation **SHALL** contain exactly one [1..1] **code**="101349-9" (CodeSystem: LOINC urn:oid:2.16.840.1.113883.6.1) (CONF:5547-34113).
       ii. This observation **SHALL** contain exactly one [1..1] **value**, which **SHALL** be selected from ValueSet **StateValueSet** urn:oid:2.16.840.1.113883.3.88.12.80.1 **DYNAMIC** (CONF:5547-34114).
12. **MAY** contain zero or one [0..1] **entryRelationship** (CONF:5547-34082) such that it
    a. **SHALL** contain exactly one [1..1] **@typeCode**="REFR" (CodeSystem: HL7ActRelationshipType urn:oid:2.16.840.1.113883.5.1002) (CONF:5547-34088).
    b. **SHALL** contain exactly one [1..1] **act** (CONF:5547-34083).
       i. This act **SHALL** contain exactly one [1..1] **code**="ASSERTION" (CodeSystem: HL7ActCode urn:oid:2.16.840.1.113883.5.4) (CONF:5547-34089).

ii. This act **SHALL** contain exactly one [1..1] **author** (CONF:5547-34084).

   1. This author **SHALL** contain exactly one [1..1] **assignedAuthor** (CONF:5547-34085).

      a. This assignedAuthor **SHALL** contain exactly one [1..1] **representedOrganization** (CONF:5547-34090).

13. **MAY** contain zero or more [0..*] **reference** (CONF:5547-34041) such that it

   a. **SHALL** contain exactly one [1..1] **@typeCode**="REFR" Refers to (CodeSystem: HL7ActRelationshipType urn:oid:2.16.840.1.113883.5.1002 **STATIC**) (CONF:5547-34058).

   b. **SHALL** contain exactly one [1..1] **externalDocument** (CONF:5547-34042).

      i. This externalDocument **SHALL** contain at least one [1..*] **id** (CONF:5547-34057).

      ii. This externalDocument **MAY** contain zero or one [0..1] **text** (CONF:5547-34043).

         1. The text, if present, **MAY** contain zero or one [0..1] **reference** (CONF:5547-34044).

            a. The reference, if present, **MAY** contain zero or one [0..1] **@value** (CONF:5547-34056).
            Note: This @value represents the URL of the referenced document. If a URL is referenced, include a corresponding linkHTML element in the narrative block.

Figure 29: Personal Advance Directive Document Observation Example

```
<section>
    <templateId root="2.16.840.1.113883.4.823.1.3.8" extension="2023-08-28" />
    <code code="77599-9" codeSystem="2.16.840.1.113883.6.1" codeSystemName="LOINC"
displayName="Additional documentation" />
    <title mediaType="text/plain" representation="TXT" language="en-US">
        Additional Documentation Section Contexts</title>
    <text>
        ...
        <content ID = "AD_PACP">
            Active PACP: Current Version dated 05/01/2020.
            Stored in MyDirectives.com with ID PACPSmithJohnson20200501
        </content>
        ...
    </text>
    <entry>
        <observation classCode="OBS" moodCode="EVN">
            <templateId root="2.16.840.1.113883.4.823.1.4.23" extension="2023-08-28" />
            <id root="2.16.840.1.113883.3.3208.101.4.27.1" extension="20130607100315-CCDA-
CCD-3003" />
            <code code="45473-6" codeSystem="2.16.840.1.113883.6.1" codeSystemName="LOINC"
                displayName="Advance directive/living will completed"/>
            <text>
                <reference value= "#AD_PACP" />
            </text>
            <statusCode code="completed" />
            <effectiveTime>
                <low value="20200501"/>
            </effectiveTime>
            <value xsi:type="BL" value="true" />
            <reference typeCode="REFR">
                <externalDocument>
                    <id root = "2.16.840.1.113883.4.823.999"
extension="PACPSmithJohnson20200501"/>
                </externalDocument>
            </reference>
        </observation>
    </entry>
    ...
</section>
```

3.12 Personal Health Goal

```
[observation: identifier urn:hl7ii:2.16.840.1.113883.4.823.1.4.6:2022-03-25
(open)]
```

Published as part of Personal Advance Care Plan V3

Table 20: Personal Health Goal Contexts

Contained By:	Contains:
Personal Intervention Preference under Health Scenario (optional) Personal Priorities Organizer (optional) GPP Personal Care Experience Section (optional)	

This template is used to represent a personal health goal.

The author is constrained to be the recordTarget.

This template was designed with the intention to support other types of personal health goals in the future through the use of other or expanded value sets. This should be encouraged, should designers consider creating a larger family of various different personal health goal clinical statement patterns.

1. **SHALL** contain exactly one [1..1] **@classCode**="OBS" Observation (CodeSystem: HL7ActClass urn:oid:2.16.840.1.113883.5.6) (CONF:4525-30418).
2. **SHALL** contain exactly one [1..1] **@moodCode**="GOL" Goal (CodeSystem: HL7ActMood urn:oid:2.16.840.1.113883.5.1001) (CONF:4525-30419).
3. **SHALL** contain exactly one [1..1] **templateId** (CONF:4525-8583) such that it
   a. **SHALL** contain exactly one [1..1] **@root**="2.16.840.1.113883.4.823.1.4.6" (CONF:4525-10512).
   b. **SHALL** contain exactly one [1..1] **@extension**="2022-03-25" (CONF:4525-33018).
4. **SHALL** contain at least one [1..*] **id** (CONF:4525-32332).
5. **SHALL** contain exactly one [1..1] **code** (CONF:4525-30784).
   a. This code **SHALL** contain exactly one [1..1] **@code**, which **SHOULD** be selected from ValueSet **Health Goals at End of Life Grouping** urn:oid:2.16.840.1.113762.1.4.1115.7 **DYNAMIC** (CONF:4525-33510).
      Note: This template was designed to support potential future uses through the use of different or extended value set bindings.
   b. This code **SHALL** contain exactly one [1..1] **@codeSystem** (CONF:4525-33511).
   c. This code **SHALL** contain exactly one [1..1] **@displayName** (CONF:4525-33537).
   d. This code **SHOULD** contain zero or one [0..1] **originalText** (CONF:4525-33478).
      i. The originalText, if present, **SHOULD** contain zero or one [0..1] **reference** (CONF:4525-33479).
         1. The reference, if present, **SHALL** contain exactly one [1..1] **@value** (CONF:4525-33480).
            a. This reference/@value **SHALL** begin with a '#' and **SHALL** point to its corresponding narrative (CONF:4525-33482).
6. **SHALL** contain exactly one [1..1] **text** (CONF:4525-33400).
   a. This text **SHALL** contain exactly one [1..1] **reference** (CONF:4525-33430).
      i. This reference **SHALL** contain exactly one [1..1] **@value** (CONF:4525-33481).

1. This reference/@value **SHALL** begin with a '#' and **SHALL** point to its corresponding narrative (using the approach defined in CDA R2.0, section 4.3.5.1) (CONF:4525-33483).

7. **SHALL** contain exactly one [1..1] **statusCode** (CONF:4525-32333).
   a. This statusCode **SHALL** contain exactly one [1..1] **@code**="completed" (CodeSystem: HL7ActStatus urn:oid:2.16.840.1.113883.5.14) (CONF:4525-32334).

8. **SHOULD** contain zero or one [0..1] **effectiveTime** (CONF:4525-32335).

9. **SHALL** contain exactly one [1..1] **value** (CONF:4525-33515).
   Note: The design of the template would support use of coded answers, however narrative text is advised to permit unconstrained personal expression unique to each person.
   a. The @xsi:type of this value **SHOULD** be either "CD" or "ED" (CONF:4525-33772).

10. **MAY** contain zero or one [0..1] **value** with @xsi:type="CD" (CodeSystem: SNOMED CT urn:oid:2.16.840.1.113883.6.96) (CONF:4525-33769).
    a. The value, if present, **SHOULD** contain zero or one [0..1] **originalText** (CONF:4525-33770).
       i. The originalText, if present, **SHOULD** contain zero or one [0..1] **reference** (CONF:4525-33773).

11. **MAY** contain zero or one [0..1] **value** with @xsi:type="ED" (CodeSystem: SNOMED CT urn:oid:2.16.840.1.113883.6.96) (CONF:4525-33771).
    a. The value, if present, **SHOULD** contain zero or one [0..1] **reference** (CONF:4525-33774).

Where it is necessary to reference an external clinical document such a Referral document, Discharge Summary document etc., the External Document Reference template can be used to reference this document. However, if this Care Plan document is replacing or appending another Care Plan document in the same set, that relationship is set in the header, using ClinicalDocument/relatedDocument.

12. **MAY** contain zero or more [0..*] **reference** (CONF:4525-32754).
    a. The reference, if present, **SHALL** contain exactly one [1..1] **@typeCode**="REFR" Refers to (CodeSystem: HL7ActRelationshipType urn:oid:2.16.840.1.113883.5.1002) (CONF:4525-32755).
    b. The reference, if present, **SHALL** contain exactly one [1..1] External Document Reference (identifier: urn:hl7ii:2.16.840.1.113883.10.20.22.4.115:2014-06-09) (CONF:4525-32756).
       i. This externalDocument **SHALL** contain at least one [1..*] **id** (CONF:4525-33401).
       ii. This externalDocument **MAY** contain zero or one [0..1] **text** (CONF:4525-33398).
          1. The text, if present, **MAY** contain zero or one [0..1] **reference** (CONF:4525-33399).
             a. The reference, if present, **MAY** contain zero or one [0..1] **@value** (CONF:4525-33402).
                Note: This @value represents the URL of the referenced document.

b. If a URL is referenced, then it **SHOULD** have a corresponding linkHTML element in narrative block (CONF:4525-33403).

13. **MAY** contain zero or more [0..*] **precondition** (CONF:4525-33523).

Figure 30: Personal Health Goal Example

```
<section>
    <templateId extension="2023-08-28" root="2.16.840.1.113883.4.823.1.3.4"/>
    <code code="81336-0" codeSystem="2.16.840.1.113883.6.1" codeSystemName="LOINC"
        displayName="GPP certain health cond"/>
    <title language="en-US" mediaType="text/plain" representation="TXT">Expression of
Healthcare Treatment Preferences</title>
    <text>
    ...
    These would be my health care goals:
    <list ID="GPP_eol_1_A" listType="ordered" styleCode="Answer">
        <item ID="GPP_eol_priorities_1-1"> Avoiding prolonged dependence on
        machines </item>
        <item ID="GPP_eol_priorities_1-2"> Not being a physical burden to my
        family </item>
        <item ID="GPP_eol_priorities_1-3"> Dying at home </item>
    </list>

    ...
    </text>
    ...
    <entry>
        ...
        <observation classCode="OBS" moodCode="GOL">
            <templateId extension="2022-03-25"
                root="2.16.840.1.113883.4.823.1.4.6"/>
            <id root="3663A0C0-8993-4949-8A66-B06D031843E0"/>
            <code code="81378-2" codeSystem="2.16.840.1.113883.6.1"
                codeSystemName="LOINC"
                displayName="Goals, preferences, and priorities under certain health
conditions">
                <originalText>
                    <reference value="#GPP_eol_1_Q"/>
                </originalText>
            </code>
            <text>
                <reference value="#GPP_eol_priorities_1-1"/>
            </text>
            <statusCode code="completed"/>
            <value xsi:type="ED">
                <reference value="#GPP_eol_priorities_1-1"/>
            </value>
        </observation>
...
    </entry>
    ...
</section>
```

3.13 Personal Intervention Preference

```
[observation: identifier urn:hl7ii:2.16.840.1.113883.4.823.1.4.5:2023-08-28
(open)]
```

```
Draft as part of Personal Advance Care Plan V4
```

Table 21: Personal Intervention Preference Contexts

Contained By:	Contains:
Personal Intervention Preference under Health Scenario (optional) Personal Priorities Organizer (optional)	

This template is used to represent the actual medical treatment(s) which would be preferred or not. It is intended to be used in the context of the more complex clinical statement pattern for representing personal intervention preferences under a specific health scenario.

If the preference is to NOT have the included medical treatment, negationInd is used to represent the semantics. While the medical treatment can be a coded concept, the precondition is expressed as narrative text to allow a person to articulate personal preferences that likely will not be available as coded concepts. To avoid confusion, negationInd is not permitted to be used on the preference act. All preferences are positive assertions. When the preference is for a particular treatment NOT to be performed, negationInd is used on the act within the preference statement.

To avoid confusion, negationInd is not permitted to be used on the preference act. All preferences are positive assertions. When the preference is for a particular treatment NOT to be performed, negationInd is used on the act within the preference statement.

The nested templates use to express the intervention that is preferred or not preferred uses codes that align with the Obligation or Prohibition Instruction Types specified in the Advance Directives Supplement for C-CDA. That value set is identified as
https://vsac.nlm.nih.gov/valueset/2.16.840.1.113883.11.20.9.69.17/expansion

Understanding a person's treatment preferences requires, by design, human to human communication where the documented preferences and preconditions should be read and interpreted by clinicians. The entry was designed to facilitate finding the content more quickly, not to avoid the need for human processing of the information.

This template also was designed with the intention to support other types of personal intervention preferences in the future through the use of other or expanded value sets. This should be encouraged, should designers consider creating a larger family of various different personal intervention preference clinical statement patterns.

For Future Consideration: Given that FHIR handles negation differently than CDA, there may be benefit to aligning the two approaches. Implementers should continue to question if the negation notion in this template could be expressed in an entry relationship to an observation about "intentionality" and then the value of the intentionality observation could be "for" or "against" the intervention.

1. **SHALL** contain exactly one [1..1] **@classCode**="OBS" Observation (CodeSystem: HL7ActClass urn:oid:2.16.840.1.113883.5.6) (CONF:5547-32678).
2. **SHALL** contain exactly one [1..1] **@moodCode**="INT" Intent (CodeSystem: HL7ActMood urn:oid:2.16.840.1.113883.5.1001 **STATIC**) (CONF:5547-32679).
3. **SHALL NOT** contain [0..0] **@negationInd** (CONF:5547-33329).

4. **SHALL** contain exactly one [1..1] `templateId` (CONF:5547-32653) such that it
   a. **SHALL** contain exactly one [1..1] `@root`="2.16.840.1.113883.4.823.1.4.5" (CONF:5547-32680).
   b. **SHALL** contain exactly one [1..1] `@extension`="2023-08-28" (CONF:5547-32912).
5. **SHALL** contain at least one [1..*] `id` (CONF:5547-32681).
6. **SHALL** contain exactly one [1..1] `code` (CONF:5547-32654).
   a. This code **SHALL** contain exactly one [1..1] `@code`, which **SHOULD** be selected from ValueSet **Intervention Preferences at End of Life Grouping** `urn:oid:2.16.840.1.113762.1.4.1115.9` **DYNAMIC** (CONF:5547-33330).
   Note: This template was designed to support potential future uses through the use of different or extended value set bindings
   b. This code **SHALL** contain exactly one [1..1] `@codeSystem` (CONF:5547-33519).
   c. This code **SHALL** contain exactly one [1..1] `@displayName` (CONF:5547-33520).
   d. This code **SHOULD** contain zero or one [0..1] `originalText` (CONF:5547-33484).
      i. The originalText, if present, **SHOULD** contain zero or one [0..1] `reference` (CONF:5547-33485).
         1. The reference, if present, **SHALL** contain exactly one [1..1] `@value` (CONF:5547-33486).
            a. This reference/@value **SHALL** begin with a '#' and **SHALL** point to its corresponding narrative (CONF:5547-33488).
7. **SHALL** contain exactly one [1..1] `text` (CONF:5547-33406).
   a. This text **SHALL** contain exactly one [1..1] `reference` (CONF:5547-33431).
      i. This reference **SHALL** contain exactly one [1..1] `@value` (CONF:5547-33487).
         1. This reference/@value **SHALL** begin with a '#' and **SHALL** point to its corresponding narrative (using the approach defined in CDA R2.0, section 4.3.5.1) (CONF:5547-33489).
8. **SHALL** contain exactly one [1..1] `statusCode` (CONF:5547-32655).
   a. This statusCode **SHALL** contain exactly one [1..1] `@code`="completed" (CodeSystem: HL7ActStatus `urn:oid:2.16.840.1.113883.5.14` **STATIC**) (CONF:5547-32684).
9. **MAY** contain zero or more [0..*] `entryRelationship` (CONF:5547-32656) such that it
   a. **SHALL** contain exactly one [1..1] `@typeCode`="REFR" Refers to (CodeSystem: HL7ActRelationshipType `urn:oid:2.16.840.1.113883.5.1002`) (CONF:5547-32686).
   b. **SHALL** contain exactly one [1..1] Immunization Activity (V3) `(identifier: urn:hl7ii:2.16.840.1.113883.10.20.22.4.52:2015-08-01)` (CONF:5547-32687).
   Note: The templated act MAY contain a negationIND to indicate the act is not wanted.
10. **MAY** contain zero or more [0..*] `entryRelationship` (CONF:5547-32657) such that it
   a. **SHALL** contain exactly one [1..1] `@typeCode`="REFR" Refers to (CodeSystem: HL7ActRelationshipType `urn:oid:2.16.840.1.113883.5.1002`) (CONF:5547-32688).
   b. **SHALL** contain exactly one [1..1] Medication Activity (V2) `(identifier: urn:hl7ii:2.16.840.1.113883.10.20.22.4.16:2014-06-09)` (CONF:5547-32689).

Note: The templated act MAY contain a negationIND to indicate the act is not wanted.

11. **MAY** contain zero or more [0..*] **entryRelationship** (CONF:5547-32658) such that it

    a. **SHALL** contain exactly one [1..1] **@typeCode**="REFR" Refers to (CodeSystem: HL7ActRelationshipType urn:oid:2.16.840.1.113883.5.1002) (CONF:5547-32690).

    b. **SHALL** contain exactly one [1..1] Procedure Activity Act (V2) `(identifier: urn:hl7ii:2.16.840.1.113883.10.20.22.4.12:2014-06-09)` (CONF:5547-32691).

    Note: The templated act MAY contain a negationIND to indicate the act is not wanted.

12. **MAY** contain zero or more [0..*] **entryRelationship** (CONF:5547-32661) such that it

    a. **SHALL** contain exactly one [1..1] **@typeCode**="REFR" Refers to (CodeSystem: HL7ActRelationshipType urn:oid:2.16.840.1.113883.5.1002) (CONF:5547-32696).

    b. **SHALL** contain exactly one [1..1] Procedure Activity Procedure (V2) `(identifier: urn:hl7ii:2.16.840.1.113883.10.20.22.4.14:2014-06-09)` (CONF:5547-32697).

    Note: The templated act MAY contain a negationIND to indicate the act is not wanted.

13. **MAY** contain zero or more [0..*] **entryRelationship** (CONF:5547-32662) such that it

    a. **SHALL** contain exactly one [1..1] **@typeCode**="REFR" Refers to (CodeSystem: HL7ActRelationshipType urn:oid:2.16.840.1.113883.5.1002) (CONF:5547-32698).

    b. **SHALL** contain exactly one [1..1] Encounter Activity (V3) `(identifier: urn:hl7ii:2.16.840.1.113883.10.20.22.4.49:2015-08-01)` (CONF:5547-32699).

    Note: The templated act MAY contain a negationIND to indicate the act is not wanted.

14. **MAY** contain zero or more [0..*] **entryRelationship** (CONF:5547-32664) such that it

    a. **SHALL** contain exactly one [1..1] **@typeCode**="REFR" Refers to (CodeSystem: HL7ActRelationshipType urn:oid:2.16.840.1.113883.5.1002) (CONF:5547-32702).

    b. **SHALL** contain exactly one [1..1] Non-Medicinal Supply Activity (V2) `(identifier: urn:hl7ii:2.16.840.1.113883.10.20.22.4.50:2014-06-09)` (CONF:5547-32703).

    Note: The templated act MAY contain a negationIND to indicate the act is not wanted.

15. **MAY** contain zero or more [0..*] **entryRelationship** (CONF:5547-32671) such that it

    a. **SHALL** contain exactly one [1..1] **observation** (CONF:5547-33521).

    Note: The templated act MAY contain a negationIND to indicate the act is not wanted.

Figure 31: Personal Intervention Preference Example

```
            <section>
                <templateId extension="2023-08-28"
root="2.16.840.1.113883.4.823.1.3.4"/>
                <code code="81336-0" codeSystem="2.16.840.1.113883.6.1"
codeSystemName="LOINC"
                    displayName="GPP certain health cond"/>
                <title language="en-US" mediaType="text/plain"
representation="TXT">Expression of Healthcare Treatment Preferences</title>
                <text>
                    ...
                    <content ID="GPP_HS_3">
                        <content ID="GPP_HS_3_Scenario">
                        If [some particular health condition and prognosis scenario...]
                        </content>
                        <content ID="GPP_HS_3_TreatIntPref" styleCode="Answer"> I WOULD
like to have
                            <content ID="GPP_HS_3_TreatInt">CPR performed</content>
                        </content>
                    </content>
                    <br/>
...
                </text>
...

                <entry>
                    <observation classCode="OBS" moodCode="INT">
                        <templateId root="2.16.840.1.113883.4.823.1.4.22"
extension="2023-08-28"/>
                        <id root="2BF5FF50-BF14-48CF-8E5A-19248F1EABAF"/>
                        <code code="75773-2" codeSystem="2.16.840.1.113883.6.1"
codeSystemName="LOINC"
                            displayName="preferences for medical treatment
[Reported]"></code>
                        <text>
                            <reference value="#GPP_HS_3"></reference>
                        </text>
                        <statusCode code="completed"/>
                        <entryRelationship typeCode="COMP">
                            <observation classCode="OBS" moodCode="INT">
                                <templateId root="2.16.840.1.113883.4.823.1.4.5"
extension="2023-08-28"/>
                                <id root="2BF5FF50-BF14-48CF-8E5A-19248F1F6466"/>
                                <code code="75779-9" codeSystem="2.16.840.1.113883.6.1"
codeSystemName="LOINC"
                                    displayName="Thoughts on cardiopulmonary
resuscitation (CPR) [Reported]">
                                </code>
                                <text>
                                    <reference value="#GPP_HS_3_TreatInt"/>
                                </text>
                                <statusCode code="completed"/>
                                <entryRelationship typeCode="REFR">
                                    <procedure classCode="PROC" moodCode="EVN"
negationInd="false">
```

```xml
                                                <templateId
root="2.16.840.1.113883.10.20.22.4.14" extension="2014-06-09" />
                                                <id root="d5b614bd-01ce-410d-8726-
e1fd01dcc72a" />
                                                <code code="78823007"
codeSystem="2.16.840.1.113883.6.96" codeSystemName="SNOMED CT"
                                                    displayName="Cardiopulmonary
resuscitation (procedure)">
                                                </code>
                                                <text>
                                                    <reference
value="#GPP_HS_3_TreatIntPref"/>
                                                </text>
                                                <statusCode code="completed" />
                                        </procedure>
                                    </entryRelationship>
                            </observation>
                        </entryRelationship>
                    </observation>
                </entry>
              ...
          </section>
```

Figure 32: Personal Intervention Preference Negation Example

```
            <section>
                <templateId extension="2023-08-28"
root="2.16.840.1.113883.4.823.1.3.4"/>
                <code code="81336-0" codeSystem="2.16.840.1.113883.6.1"
codeSystemName="LOINC"
                    displayName="GPP certain health cond"/>
                <title language="en-US" mediaType="text/plain"
representation="TXT">Expression of Healthcare Treatment Preferences</title>
                <text>
                    ...
                    <content ID="GPP_HS_3">
                        <content ID="GPP_HS_3_Scenario">
                        If [some particular health condition and prognosis scenario...]
                        </content>
                        <content ID="GPP_HS_3_TreatIntPref" styleCode="Answer"> I WOULD
NOT like to have
                            <content ID="GPP_HS_3_TreatInt">CPR performed</content>
                        </content>
                    </content>
                    <br/>
...
                </text>
...

                <entry>
                    <observation classCode="OBS" moodCode="INT">
                        <templateId root="2.16.840.1.113883.4.823.1.4.22"
extension="2023-08-28"/>
                        <id root="2BF5FF50-BF14-48CF-8E5A-19248F1EABAF"/>
                        <code code="75773-2" codeSystem="2.16.840.1.113883.6.1"
codeSystemName="LOINC"
                            displayName="preferences for medical treatment
[Reported]"></code>
                        <text>
                            <reference value="#GPP_HS_3"></reference>
                        </text>
                        <statusCode code="completed"/>
                        <entryRelationship typeCode="COMP">
                            <observation classCode="OBS" moodCode="INT">
                                <templateId root="2.16.840.1.113883.4.823.1.4.5"
extension="2023-08-28"/>
                                <id root="2BF5FF50-BF14-48CF-8E5A-19248F1F6466"/>
                                <code code="75779-9" codeSystem="2.16.840.1.113883.6.1"
codeSystemName="LOINC"
                                    displayName="Thoughts on cardiopulmonary
resuscitation (CPR) [Reported]">
                                </code>
                                <text>
                                    <reference value="#GPP_HS_3_TreatInt"/>
                                </text>
                                <statusCode code="completed"/>
                                <entryRelationship typeCode="REFR">
                                    <procedure classCode="PROC" moodCode="EVN"
negationInd="true">
```

```
                                                   <templateId
root="2.16.840.1.113883.10.20.22.4.14" extension="2014-06-09" />
                                                   <id root="d5b614bd-01ce-410d-8726-
e1fd01dcc72a" />
                                                   <code code="78823007"
codeSystem="2.16.840.1.113883.6.96" codeSystemName="SNOMED CT"
                                                     displayName="Cardiopulmonary
resuscitation (procedure)">
                                                   </code>
                                                   <text>
                                                       <reference
value="#GPP_HS_3_TreatIntPref"/>
                                                   </text>
                                                   <statusCode code="completed" />
                                               </procedure>
                                           </entryRelationship>
                                       </observation>
                                   </entryRelationship>
                               </observation>
                           </entry>
                         ...
                 </section>
```

3.14 Personal Intervention Preference under Health Scenario

```
[observation: identifier urn:hl7ii:2.16.840.1.113883.4.823.1.4.22:2023-08-28
(open)]

Draft as part of Personal Advance Care Plan V4
```

Table 22: Personal Intervention Preference under Health Scenario Contexts

Contained By:	Contains:
GPP for Certain Conditions Section (optional)	Care Experience Preference (optional)
	Clause Observation (optional)
	Personal Health Goal (optional)
	Personal Priorities Organizer (optional)
	Personal Intervention Preference (optional)

This template is used to represent personal health goals and intervention or care preferences under a potential future health scenario.

This template was designed to identify several parts of a complex statement. This clinical statement pattern permits an advance care plan to be expressed by the patient (author) to capture what the patient's goals would be, and what interventions would be preferred or not, and what care experience preferences should be considered.

The author is constrained to be the recordTarget.

The health scenario is a certain prognosis for a certain health condition. The health scenario is encoded as a precondition which describes a health condition state that needs to be present in order for this preference to apply.

The patient's goals in that health scenario are included as the reason for the intervention and care experience preferences.

The medical treatment preferences (Intervention Preferences) which would be preferred or not under that potential future circumstance. They are the key components of the advance care plan. If the preference is to NOT have the included medical treatment, negationInd is used to represent the semantics. While the medical treatment can be a coded concept, the precondition is expressed as narrative text to allow a person to articulate personal preferences that likely will not be available as coded concepts. To avoid confusion, negationInd is not permitted to be used on the preference act. All preferences are positive assertions. When the preference is for a particular treatment NOT to be performed, negationInd is used on the act within the preference statement.

Care experience preferences and other clauses also can be include to support the plan.

Goals and preferences can be prioritized using the Personal Priorities Organizer template.

1. **SHALL** contain exactly one [1..1] **@classCode**="OBS" Observation (CodeSystem: HL7ActClass urn:oid:2.16.840.1.113883.5.6) (CONF:5547-34018).
2. **SHALL** contain exactly one [1..1] **@moodCode**="INT" Intent (CodeSystem: HL7ActMood urn:oid:2.16.840.1.113883.5.1001 **STATIC**) (CONF:5547-34019).
3. **SHALL NOT** contain [0..0] **@negationInd** (CONF:5547-34022).
4. **SHALL** contain exactly one [1..1] **templateId** (CONF:5547-33966) such that it
   a. **SHALL** contain exactly one [1..1] **@root**="2.16.840.1.113883.4.823.1.4.22" (CONF:5547-33997).
   b. **SHALL** contain exactly one [1..1] **@extension**="2023-08-28" (CONF:5547-33998).
5. **SHALL** contain at least one [1..*] **id** (CONF:5547-34020).
6. **SHALL** contain exactly one [1..1] **code** (CONF:5547-33967).
   a. This code **SHALL** contain exactly one [1..1] **@code**="75773-2" (CodeSystem: LOINC urn:oid:2.16.840.1.113883.6.1 **STATIC**) (CONF:5547-34000).
   b. This code **SHALL** contain exactly one [1..1] **@codeSystem** (CONF:5547-34001).
   c. This code **SHALL** contain exactly one [1..1] **@displayName** (CONF:5547-34002).
   d. This code **SHOULD** contain zero or one [0..1] **originalText** (CONF:5547-33968).
      i. The originalText, if present, **SHOULD** contain zero or one [0..1] **reference** (CONF:5547-33969).
         1. The reference, if present, **SHALL** contain exactly one [1..1] **@value** (CONF:5547-33970).
            a. This reference/@value **SHALL** begin with a '#' and **SHALL** point to its corresponding narrative (CONF:5547-33999).
7. **SHALL** contain exactly one [1..1] **text** (CONF:5547-33991).
   a. This text **SHALL** contain exactly one [1..1] **reference** (CONF:5547-33992).
      i. This reference **SHALL** contain exactly one [1..1] **@value** (CONF:5547-33993).
         1. This reference/@value **SHALL** begin with a '#' and **SHALL** point to its corresponding narrative (using the approach defined in CDA R2.0, section 4.3.5.1) (CONF:5547-34015).
8. **SHALL** contain exactly one [1..1] **statusCode** (CONF:5547-33971).
   a. This statusCode **SHALL** contain exactly one [1..1] **@code**="completed" (CodeSystem: HL7ActStatus urn:oid:2.16.840.1.113883.5.14 **STATIC**) (CONF:5547-34003).
9. **SHOULD** contain zero or one [0..1] **effectiveTime** (CONF:5547-34021).

10. **SHOULD** contain zero or more [0..*] Author Participation (identifier: urn:oid:2.16.840.1.113883.10.20.22.4.119) (CONF:5547-33990).

11. **MAY** contain zero or more [0..*] **entryRelationship** (CONF:5547-33972) such that it
    a. **SHALL** contain exactly one [1..1] **@typeCode**="RSON" has reason (CodeSystem: HL7ActRelationshipType urn:oid:2.16.840.1.113883.5.1002) (CONF:5547-34004).
    b. **SHALL** contain exactly one [1..1] **Personal Health Goal** (identifier: urn:hl7ii:2.16.840.1.113883.4.823.1.4.6:2022-03-25) (CONF:5547-34029).

12. **MAY** contain zero or more [0..*] **entryRelationship** (CONF:5547-33974) such that it
    a. **SHALL** contain exactly one [1..1] **@typeCode**="COMP" Has Component (CodeSystem: HL7ActRelationshipType urn:oid:2.16.840.1.113883.5.1002) (CONF:5547-34005).
    b. **SHALL** contain exactly one [1..1] **Personal Intervention Preference** (identifier: urn:hl7ii:2.16.840.1.113883.4.823.1.4.5:2023-08-28) (CONF:5547-34030).

13. **MAY** contain zero or more [0..*] **entryRelationship** (CONF:5547-33978) such that it
    a. **SHALL** contain exactly one [1..1] **@typeCode**="SPRT" Has Support (CodeSystem: HL7ActRelationshipType urn:oid:2.16.840.1.113883.5.1002) (CONF:5547-34007).
    b. **SHALL** contain exactly one [1..1] **Care Experience Preference** (identifier: urn:hl7ii:2.16.840.1.113883.4.823.1.4.10:2020-06-10) (CONF:5547-34031).

14. **MAY** contain zero or more [0..*] **entryRelationship** (CONF:5547-33980) such that it
    a. **SHALL** contain exactly one [1..1] **@typeCode**="SPRT" Has Support (CodeSystem: HL7ActRelationshipType urn:oid:2.16.840.1.113883.5.1002) (CONF:5547-34008).
    b. **SHALL** contain exactly one [1..1] **Personal Priorities Organizer** (identifier: urn:hl7ii:2.16.840.1.113883.4.823.1.4.7:2023-08-28) (CONF:5547-34032).

15. **MAY** contain zero or more [0..*] **entryRelationship** (CONF:5547-33982) such that it
    a. **SHALL** contain exactly one [1..1] **@typeCode**="SPRT" Has Support (CodeSystem: HL7ActRelationshipType urn:oid:2.16.840.1.113883.5.1002) (CONF:5547-34009).
    b. **SHALL** contain exactly one [1..1] **Clause Observation** (identifier: urn:hl7ii:2.16.840.1.113883.4.823.1.4.16:2022-03-25) (CONF:5547-34033).

16. **MAY** contain zero or more [0..*] **reference** (CONF:5547-33986).
    a. The reference, if present, **SHALL** contain exactly one [1..1] **@typeCode**="REFR" Refers to (CodeSystem: HL7ActRelationshipType urn:oid:2.16.840.1.113883.5.1002) (CONF:5547-34014).
    b. The reference, if present, **SHALL** contain exactly one [1..1] External Document Reference (identifier: urn:hl7ii:2.16.840.1.113883.10.20.22.4.115:2014-06-09) (CONF:5547-33987).
        i. This externalDocument **SHALL** contain at least one [1..*] **id** (CONF:5547-34013).

ii. This externalDocument **MAY** contain zero or one [0..1] **text** (CONF:5547-33988).

    1. The text, if present, **MAY** contain zero or one [0..1] **reference** (CONF:5547-33989).

        a. The reference, if present, **MAY** contain zero or one [0..1] **@value** (CONF:5547-34011).
Note: This @value represents the URL of the referenced document.

        b. If a URL is referenced, then it **SHOULD** have a corresponding linkHTML element in narrative block (CONF:5547-34012).

17. **SHALL** contain at least one [1..*] **precondition**, which **SHALL** be selected from ValueSet **AD Conditions and Prognosis Scenarios** urn:oid:2.16.840.1.113762.1.4.1115.23 **DYNAMIC** (CONF:5547-33995) such that it
Note: Treat separate preconditions as "OR". If "AND" is intended, group the criteria in a single precondition.

    a. **SHALL** contain exactly one [1..1] **criterion** (CONF:5547-33996).

        i. This criterion **SHOULD** contain zero or one [0..1] **code** (CONF:5547-34017).

            1. The code, if present, **SHOULD** contain zero or one [0..1] **@code**, which **SHOULD** be selected from ValueSet **AD Conditions and Prognosis Scenarios** urn:oid:2.16.840.1.113762.1.4.1115.23 **DYNAMIC** (CONF:5547-34112).

Figure 33: Personal Intervention Preference under Health Scenario Example

```
            <section>
                <templateId extension="2023-08-28"
root="2.16.840.1.113883.4.823.1.3.4"/>
                <code code="81336-0" codeSystem="2.16.840.1.113883.6.1"
codeSystemName="LOINC"
                    displayName="GPP certain health cond"/>
                <title language="en-US" mediaType="text/plain"
representation="TXT">Expression of Healthcare Treatment Preferences</title>
                <text>
                    ...
                    <content ID="GPP_HS_3">
                        <content ID="GPP_HS_3_Scenario">
                        If [some particular health condition and prognosis scenario...]
                        </content>
                        <content ID="GPP_HS_3_TreatIntPref" styleCode="Answer"> I WOULD
NOT want to have
                            <content ID="GPP_HS_3_TreatInt">CPR performed</content>
                        </content>
                    </content>
                    <br/>
...
                </text>
...

                <entry>
                    <observation classCode="OBS" moodCode="INT">
                        <templateId root="2.16.840.1.113883.4.823.1.4.22"
extension="2023-08-28"/>
                        <id root="2BF5FF50-BF14-48CF-8E5A-19248F1EABAF"/>
                        <code code="75773-2" codeSystem="2.16.840.1.113883.6.1"
codeSystemName="LOINC"
                            displayName="preferences for medical treatment
[Reported]"></code>
                        <text>
                            <reference value="#GPP_HS_3"></reference>
                        </text>
                        <statusCode code="completed"/>
                        <entryRelationship typeCode="COMP">
                            <observation classCode="OBS" moodCode="INT">
                                <templateId root="2.16.840.1.113883.4.823.1.4.5"
extension="2023-08-28"/>
                                <id root="2BF5FF50-BF14-48CF-8E5A-19248F1F6466"/>
                                <code code="75779-9" codeSystem="2.16.840.1.113883.6.1"
codeSystemName="LOINC"
                                    displayName="Thoughts on cardiopulmonary
resuscitation (CPR) [Reported]">
                                    <originalText>
                                        <reference
value="#GPP_HS_3_TreatInt"></reference>
                                    </originalText>
                                </code>
                                <text>
                                    <reference value="#GPP_HS_3_TreatInt"/>
                                </text>
                                <statusCode code="completed"/>
```

```
                                        <entryRelationship typeCode="REFR">
                                            <procedure classCode="PROC" moodCode="EVN"
negationInd="true">
                                                <templateId
root="2.16.840.1.113883.10.20.22.4.14" extension="2014-06-09" />
                                                <id root="d5b614bd-01ce-410d-8726-
e1fd01dcc72a" />
                                                <code code="78823007"
codeSystem="2.16.840.1.113883.6.96" codeSystemName="SNOMED CT"
                                                    displayName="Cardiopulmonary
resuscitation (procedure)">
                                                </code>
                                                <text>
                                                    <reference
value="#GPP_HS_3_TreatIntPref" />
                                                </text>
                                                <statusCode code="completed" />

                                            </procedure>
                                        </entryRelationship>
                                    </observation>
                                </entryRelationship>
                                <precondition>
                                    <criterion>
                                        <value xsi:type="ED">
                                            <reference value="#GPP_HS_2_Precond"/>
                                        </value>
                                    </criterion>
                                </precondition>
                            </observation>
                        </entry>
                      ...
                </section>
```

3.15 Personal Priorities Organizer

```
[organizer: identifier urn:hl7ii:2.16.840.1.113883.4.823.1.4.7:2023-08-28
(open)]

Draft as part of Personal Advance Care Plan V4
```

Table 23: Personal Priorities Organizer Contexts

Contained By:	Contains:
Personal Intervention Preference under Health Scenario (optional)	Care Experience Preference (optional)
	Personal Health Goal (optional)
GPP Upon Death Section (optional)	Upon Death Preference (optional)
GPP Personal Care Experience Section (optional)	Personal Intervention Preference (optional)

This template is used to represent a set of personal goals or preferences in a prioritized order. The sdtc:priorityNumber extension is used to indicate the relative order of preference for the components in the organizer. Components with a lower sdtc:priorityNumber have a higher preference for the

author of the organizer. Identical values in the sdtc:priorityNumber indicate components that are equally preferred. However, this practice puts greater responsibility on decision-makers when selecting between choices that were equally preferred by the author.

1. **SHALL** contain exactly one [1..1] **@classCode**="CLUSTER" Cluster (CodeSystem: HL7ActClass urn:oid:2.16.840.1.113883.5.6) (CONF:5547-33029).
2. **SHALL** contain exactly one [1..1] **@moodCode**="EVN" Event (CodeSystem: HL7ActMood urn:oid:2.16.840.1.113883.5.1001 **STATIC**) (CONF:5547-33030).
3. **SHALL** contain exactly one [1..1] **templateId** (CONF:5547-33025) such that it
   a. **SHALL** contain exactly one [1..1] **@root**="2.16.840.1.113883.4.823.1.4.7" (CONF:5547-33031).
   b. **SHALL** contain exactly one [1..1] **@extension**="2023-08-28" (CONF:5547-33037).
4. **SHALL** contain at least one [1..*] **id** (CONF:5547-33032).
5. **SHALL** contain exactly one [1..1] **code** (CONF:5547-33026).
   a. This code **SHALL** contain exactly one [1..1] **@code**="81340-2" (CodeSystem: LOINC urn:oid:2.16.840.1.113883.6.1 **STATIC**) (CONF:5547-33374).
   b. This code **SHALL** contain exactly one [1..1] **@codeSystem**="2.16.840.1.113883.6.1" (CONF:5547-33375).
   c. This code **SHALL** contain exactly one [1..1] **@displayName** (CONF:5547-33527).
   d. This code **SHOULD** contain zero or one [0..1] **originalText** (CONF:5547-33490).
      i. The originalText, if present, **SHOULD** contain zero or one [0..1] **reference** (CONF:5547-33491).
         1. The reference, if present, **SHALL** contain exactly one [1..1] **@value** (CONF:5547-33492).
            a. This reference/@value **SHALL** begin with a '#' and **SHALL** point to its corresponding narrative (CONF:5547-33496).
6. **SHALL** contain exactly one [1..1] **sdtc:text** (CONF:5547-33493).
   a. This sdtc:text **SHALL** contain exactly one [1..1] **reference** (CONF:5547-33494).
      i. This reference **SHALL** contain exactly one [1..1] **@value** (CONF:5547-33495).
         1. This reference/@value **SHALL** begin with a '#' and **SHALL** point to its corresponding narrative (using the approach defined in CDA R2.0, section 4.3.5.1) (CONF:5547-33497).
7. **SHALL** contain exactly one [1..1] **statusCode** (CONF:5547-33027).
   a. This statusCode **SHALL** contain exactly one [1..1] **@code**="completed" (CodeSystem: HL7ActStatus urn:oid:2.16.840.1.113883.5.14) (CONF:5547-33035).
8. **SHOULD** contain zero or more [0..*] **component** (CONF:5547-33024) such that it
   a. **SHALL** contain zero or one [0..1] **sdtc:priorityNumber** (CONF:5547-33522). Note: The sdtc:priorityNumber extension is used to indicate the priority preference. Components with a lower sdtc:priorityNumber have a higher preference for the author of the organizer.
   b. **MAY** contain zero or one [0..1] **Personal Health Goal** (identifier: urn:hl7ii:2.16.840.1.113883.4.823.1.4.6:2022-03-25) or **Personal Intervention Preference** (identifier: urn:hl7ii:2.16.840.1.113883.4.823.1.4.5:2023-08-28) or **Care Experience Preference** (identifier: urn:hl7ii:2.16.840.1.113883.4.823.1.4.10:2020-06-10) or **Upon Death**

Preference (identifier: urn:hl7ii:2.16.840.1.113883.4.823.1.4.17:2023-08-28) (CONF:5547-33028).

Figure 34: Personal Priorities Organizer Example

```
<section>
  <templateId root="2.16.840.1.113883.4.823.1.3.4" extension="2023-08-28" />
  <code code="81336-0" codeSystem="2.16.840.1.113883.6.1" codeSystemName="LOINC"
displayName="Patient Goals, preferences, and priorities under certain health conditions"
/>
  <title mediaType="text/plain" representation="TXT" language="en-US">Healthcare Goals and
Treatment Preferences</title>
  <text>
    <content styleCode="Bold">My Advance Care Goals</content>
    <br /><br />
    <content ID="GPP_eol_1">
      <content ID="GPP_eol_priorities_criteria">If I am so sick or seriously injured
        that I cannot express my own medical treatment preferences, and if I am not
        expected to live without additional treatment for my illness, disease,
        condition or injury, </content>
    </content>
      <content ID="GPP_eol_1_Q">then I want my medical care team to know that these are
        the things that are most important to me:</content>
    <list listType="ordered" ID="GPP_eol_priorities" styleCode="Answer">
      <item ID="GPP_eol_priorities_1-1"> Avoiding prolonged dependence on machines </item>
      <item ID="GPP_eol_priorities_1-2"> Not being a physical burden to my family </item>
      <item ID="GPP_eol_priorities_1-3"> Dying at home </item>
    </list>
. . .
  </text>
  <entry>
    <organizer classCode="CLUSTER" moodCode="EVN">
      <templateId root="2.16.840.1.113883.4.823.1.4.7" extension="2022-03-25" />
      <id root="56B44BAE-7C65-422D-9B84-343B433BFE63" />
      <code code="81340-2" codeSystem="2.16.840.1.113883.6.1" codeSystemName="LOINC"
displayName="Goals AndOr preferences in order of priority [Reported]">
        <originalText>
          <reference value="#GPP_eol_1_Q"></reference>
        </originalText>
      </code>
      <sdtc:text>
        <reference value="#GPP_eol_priorities" />
      </sdtc:text>
      <statusCode code="completed" />
      <precondition>
        <criterion>
          <value xsi:type="ED">
            <reference value="#GPP_eol_priorities_criteria" />
          </value>
        </criterion>
      </precondition>
      <component typeCode="COMP">
        <sdtc:priorityNumber value="1" />
        <observation classCode="OBS" moodCode="GOL">
. . .
        </observation>
      </component>
      <component typeCode="COMP">
        <sdtc:priorityNumber value="2" />
        <observation classCode="OBS" moodCode="GOL">
```

```
. . .
        </observation>
      </component>
      <component typeCode="COMP">
        <sdtc:priorityNumber value="3" />
        <observation classCode="OBS" moodCode="GOL">
. . .
        </observation>
      </component>
    </organizer>
  </entry>
. . .
</section>
```

3.16 PMO Observation

```
[observation: identifier urn:hl7ii:2.16.840.1.113883.4.823.1.4.8:2023-08-28
(open)]

Draft as part of Personal Advance Care Plan V4
```

Table 24: PMO Observation Contexts

Contained By:	Contains:
[Additional Documentation Section](#) (optional)	

This template is used to indicate if a person has a portable medical order (PMO). Historically, portable medical orders have gone by a variety of acronyms such as, MOLST (Medical Order for Life Sustaining Treatment) or POLST (Portable Medical Order; **https://polst.org/program-names**). Each state has its own program for portable medical orders. This observation does not indicate what orders are included in the PMO, MOLST or POLST.

If a PMO, MOLST or POLST exists, the template includes a reference structure that can be used to point to the document containing the portable physician orders.

A PMO, MOLST or POLST is not a patient generated document. It is authored by a physician at the request of the person. These portable medical orders are recognized in certain states. The orders specify the types of treatments that shall and shall not be performed to sustain the person's life. These orders likely align with the person's personal intervention preferences, but the orders are not the same thing as the individual's personal goals, preferences and priorities for care.

1. **SHALL** contain exactly one [1..1] **@classCode**="OBS" Observation (CodeSystem: HL7ActClass urn:oid:2.16.840.1.113883.5.6 **STATIC**) (CONF:5547-33154).
2. **SHALL** contain exactly one [1..1] **@moodCode**="EVN" Event (CodeSystem: HL7ActMood urn:oid:2.16.840.1.113883.5.1001 **STATIC**) (CONF:5547-33155).
3. **SHALL** contain exactly one [1..1] **templateId** (CONF:5547-33109) such that it
    a. **SHALL** contain exactly one [1..1] **@root**="2.16.840.1.113883.4.823.1.4.8" (CONF:5547-33129).
    b. **SHALL** contain exactly one [1..1] **@extension**="2023-08-28" (CONF:5547-33130).
4. **SHALL** contain at least one [1..*] **id** (CONF:5547-33156).
5. **SHALL** contain exactly one [1..1] **code** (CONF:5547-33110).

a. This code **SHALL** contain exactly one [1..1] **@code**="81352-7" Medical Order for Life-Sustaining Treatment, Physician Order for Life-Sustaining Treatment, or a similar medical order is in place [Reported] (CodeSystem: LOINC urn:oid:2.16.840.1.113883.6.1) (CONF:5547-33158).

b. This code **SHALL** contain exactly one [1..1] **@codeSystem**="2.16.840.1.113883.6.1" (CONF:5547-33425).

c. This code **SHALL** contain exactly one [1..1] **@displayName** (CONF:5547-33536).

d. This code **SHOULD** contain zero or one [0..1] **originalText** (CONF:5547-33463).

    i. The originalText, if present, **SHOULD** contain zero or one [0..1] **reference** (CONF:5547-33464).

        1. The reference, if present, **SHALL** contain exactly one [1..1] **@value** (CONF:5547-33465).

6. **SHALL** contain exactly one [1..1] **text** (CONF:5547-33395).
Note: The text element SHALL include a reference to the corresponding human readable information represented in the narrative text of the section.

a. This text **SHALL** contain exactly one [1..1] **reference** (CONF:5547-33466).

    i. This reference **SHALL** contain exactly one [1..1] **@value** (CONF:5547-33467).

7. **SHALL** contain exactly one [1..1] **statusCode** (CONF:5547-33112).

a. This statusCode **SHALL** contain exactly one [1..1] **@code**="completed" (CodeSystem: HL7ActStatus urn:oid:2.16.840.1.113883.5.14 **STATIC**) (CONF:5547-33133).

8. **SHALL** contain exactly one [1..1] **effectiveTime** (CONF:5547-33113).

a. This effectiveTime **MAY** contain zero or one [0..1] **low** (CONF:5547-33282).

9. **SHALL** contain exactly one [1..1] **value** with @xsi:type="BL" (CONF:5547-33127).
Note: True means the person does have an order regarding life sustaining treatment and false means the person does not have an order regarding life sustaining treatment.

10. **MAY** contain zero or more [0..*] **entryRelationship** (CONF:5547-34101) such that it

a. **SHALL** contain exactly one [1..1] **@typeCode**="COMP" (CodeSystem: HL7ActRelationshipType urn:oid:2.16.840.1.113883.5.1002) (CONF:5547-34106).

b. **SHALL** contain exactly one [1..1] **observation** (CONF:5547-34107).

    i. This observation **SHALL** contain exactly one [1..1] **code** (CONF:5547-34115).

        1. This code **SHALL** contain exactly one [1..1] **@code**="92183-3" Document Type (CodeSystem: LOINC urn:oid:2.16.840.1.113883.6.1) (CONF:5547-34116).

    ii. This observation **SHALL** contain exactly one [1..1] **value**="93037-0" Portable medical order form (CodeSystem: LOINC urn:oid:2.16.840.1.113883.6.1) (CONF:5547-34117).

11. **MAY** contain zero or more [0..*] **entryRelationship** (CONF:5547-34118) such that it

a. **SHALL** contain exactly one [1..1] **@typeCode**="COMP" (CodeSystem: HL7ActRelationshipType urn:oid:2.16.840.1.113883.5.1002) (CONF:5547-34120).

b. **SHALL** contain exactly one [1..1] **observation** (CONF:5547-34119).

    i. This observation **SHALL** contain exactly one [1..1] **code**="101349-9" Jurisdiction where advance directive is accepted [Location] (CodeSystem: LOINC urn:oid:2.16.840.1.113883.6.1) (CONF:5547-34121).

ii. This observation **SHALL** contain exactly one [1..1] **value**, which **SHALL** be selected from ValueSet **StateValueSet** urn:oid:2.16.840.1.113883.3.88.12.80.1 **DYNAMIC** (CONF:5547-34122).

12. **MAY** contain zero or more [0..*] **entryRelationship** (CONF:5547-34102) such that it

    a. **SHALL** contain exactly one [1..1] **@typeCode**="REFR" (CodeSystem: HL7ActRelationshipType urn:oid:2.16.840.1.113883.5.1002) (CONF:5547-34108).

    b. **SHALL** contain exactly one [1..1] **act** (CONF:5547-34103).

        i. This act **SHALL** contain exactly one [1..1] **code**="ASSERTION" (CodeSystem: HL7ActCode urn:oid:2.16.840.1.113883.5.4) (CONF:5547-34109).

        ii. This act **SHALL** contain exactly one [1..1] **author** (CONF:5547-34104).

            1. This author **SHALL** contain exactly one [1..1] **assignedAuthor** (CONF:5547-34105).

                a. This assignedAuthor **SHALL** contain exactly one [1..1] **representedOrganization** (CONF:5547-34110).

13. **MAY** contain zero or more [0..*] **reference** (CONF:5547-33123) such that it

    a. **SHALL** contain exactly one [1..1] **@typeCode**="REFR" Refers to (CodeSystem: HL7ActRelationshipType urn:oid:2.16.840.1.113883.5.1002 **STATIC**) (CONF:5547-33152).

    b. **SHALL** contain exactly one [1..1] **externalDocument** (CONF:5547-33124).

        i. This externalDocument **SHALL** contain at least one [1..*] **id** (CONF:5547-33151).

        ii. This externalDocument **MAY** contain zero or one [0..1] **text** (CONF:5547-33125).

            1. The text, if present, **MAY** contain zero or one [0..1] **reference** (CONF:5547-33126).

                a. The reference, if present, **MAY** contain zero or one [0..1] **@value** (CONF:5547-33396).
Note: This @value represents the URL of the referenced document. If a URL is referenced, include a corresponding linkHTML element in the narrative block.

```
<section>
    <templateId root="2.16.840.1.113883.4.823.1.3.8" extension="2023-08-28" />
    <code code="77599-9" codeSystem="2.16.840.1.113883.6.1" codeSystemName="LOINC"
displayName="Additional documentation" />
    <title mediaType="text/plain" representation="TXT" language="en-US">
        Additional Documentation Section Contexts</title>
    <text>
...
     <content ID = "AD_PMO">
        Active MOLST: Current Version dated 05/01/2020.
        Stored in MyDirectives.com with ID PMOSmithJohnson20200501
    </content>
...
    </text>
    <entry>
        <observation classCode="OBS" moodCode="EVN">
            <templateId root="2.16.840.1.113883.4.823.1.4.19" extension="2023-08-28" />
            <id root="2.16.840.1.113883.3.3208.101.4.27.1" extension="20130607100315-CCDA-
CCD-3003" />
            <code code="81352-7" codeSystem="2.16.840.1.113883.6.1" codeSystemName="LOINC"
                displayName="Medical Order for Life-Sustaining Treatment, Physician Order
for Life-Sustaining Treatment,
                or a similar medical order is in place [Reported]"/>
            <text>
                <reference value= "#AD_PMO" />
            </text>
            <statusCode code="completed" />
            <effectiveTime>
                <low value="20200501"/>
            </effectiveTime>
            <value xsi:type="BL" value="true" />
            <reference typeCode="REFR">
                <externalDocument>
                    <id root = "2.16.840.1.113883.4.823.999"
extension="PMOSmithJohnson20200501"/>
                </externalDocument>
            </reference>
        </observation>
    </entry>
...
</section>
```

3.17 Preference to Permit or Deny Future Changes Based on Mental Status

```
[observation: identifier urn:hl7ii:2.16.840.1.113883.4.823.1.4.19:2023-08-28
(open)]
```

```
Draft as part of Personal Advance Care Plan V4
```

Table 25: Preference to Permit or Deny Future Changes Based on Mental Status Contexts

Contained By:	Contains:
Administrative Information Section (optional)	

This template is used to indicate if a person has a preference for allowance to change advance directive preferences in the future regardless of mental state.

1. **SHALL** contain exactly one [1..1] **@classCode**="OBS" Observation (CodeSystem: HL7ActClass urn:oid:2.16.840.1.113883.5.6 **STATIC**) (CONF:5547-33842).
2. **SHALL** contain exactly one [1..1] **@moodCode**="EVN" Event (CodeSystem: HL7ActMood urn:oid:2.16.840.1.113883.5.1001 **STATIC**) (CONF:5547-33843).
3. **SHALL** contain exactly one [1..1] **templateId** (CONF:5547-33815) such that it
   a. **SHALL** contain exactly one [1..1] **@root**="2.16.840.1.113883.4.823.1.4.19" (CONF:5547-33829).
   b. **SHALL** contain exactly one [1..1] **@extension**="2023-08-28" (CONF:5547-33830).
4. **SHALL** contain at least one [1..*] **id** (CONF:5547-33844).
5. **SHALL** contain exactly one [1..1] **code** (CONF:5547-33816).
   a. This code **SHALL** contain exactly one [1..1] **@code**="75774-0" (CodeSystem: LOINC urn:oid:2.16.840.1.113883.6.1) (CONF:5547-33832).
   b. This code **SHALL** contain exactly one [1..1] **@codeSystem**="2.16.840.1.113883.6.1" (CONF:5547-33833).
   c. This code **SHALL** contain exactly one [1..1] **@displayName** (CONF:5547-33834).
   d. This code **SHOULD** contain zero or one [0..1] **originalText** (CONF:5547-33817).
      i. The originalText, if present, **SHOULD** contain zero or one [0..1] **reference** (CONF:5547-33818).
         1. The reference, if present, **SHALL** contain exactly one [1..1] **@value** (CONF:5547-33819).
            a. This reference/@value **SHALL** begin with a '#' and **SHALL** point to its corresponding narrative (CONF:5547-33831).
6. **SHALL** contain exactly one [1..1] **text** (CONF:5547-33826).
   Note: The text element SHALL include a reference to the corresponding human readable information represented in the narrative text of the section.
   a. This text **SHALL** contain exactly one [1..1] **reference** (CONF:5547-33827).
      i. This reference **SHALL** contain exactly one [1..1] **@value** (CONF:5547-33828).
         1. This reference/@value **SHALL** begin with a '#' and **SHALL** point to its corresponding narrative (using the approach defined in CDA R2.0, section 4.3.5.1) (CONF:5547-33840).
7. **SHALL** contain exactly one [1..1] **statusCode** (CONF:5547-33820).

a. This statusCode **SHALL** contain exactly one [1..1] **@code**="completed" (CodeSystem: HL7ActStatus urn:oid:2.16.840.1.113883.5.14 **STATIC**) (CONF:5547-33835).

8. **SHALL** contain exactly one [1..1] **effectiveTime** (CONF:5547-33821).

    a. This effectiveTime **MAY** contain zero or one [0..1] **low** (CONF:5547-33836).

9. **SHALL** contain exactly one [1..1] **value** (CONF:5547-33841) such that it

Note: The design of the template would support use of coded answers, however narrative text is advised to permit unconstrained personal expression unique to each person.

    a. The @xsi:type of this value **SHOULD** be either "CD" or "ED" (CONF:5547-33855).

10. **MAY** contain zero or one [0..1] **value** with @xsi:type="CD" (CodeSystem: SNOMED CT urn:oid:2.16.840.1.113883.6.96) (CONF:5547-33853) such that it

    a. **SHOULD** contain zero or one [0..1] **originalText** (CONF:5547-33856).

11. **MAY** contain zero or one [0..1] **value** with @xsi:type="ED" (CodeSystem: SNOMED CT urn:oid:2.16.840.1.113883.6.96) (CONF:5547-33854) such that it

    a. **SHOULD** contain zero or one [0..1] **reference** (CONF:5547-33857).

12. **MAY** contain zero or more [0..*] **reference** (CONF:5547-33845) such that it

    a. **SHALL** contain exactly one [1..1] **@typeCode**="REFR" Refers to (CodeSystem: HL7ActRelationshipType urn:oid:2.16.840.1.113883.5.1002) (CONF:5547-33846).

    b. **SHALL** contain exactly one [1..1] **externalDocument** (CONF:5547-34132).

        i. This externalDocument **SHALL** contain at least one [1..*] **id** (CONF:5547-34133).

        ii. This externalDocument **MAY** contain zero or one [0..1] **text** (CONF:5547-34134).

13. **MAY** contain zero or more [0..*] **precondition** (CONF:5547-33847).

Figure 36: Preference to Permit or Deny Future Changes Example

```
<section>
  <templateId root="2.16.840.1.113883.4.823.1.3.7" extension="2023-08-28" />
  <code code="81381-6" codeSystem="2.16.840.1.113883.6.1" codeSystemName="LOINC"
displayName="Administrative information associated with this personal advance care plan"
/>
  <title mediaType="text/plain" representation="TXT" language="en-US">
Administrative Information</title>
  <text>
. . .
    <paragraph ID = "AI_2">
I am emotionally and mentally competent to make this uADD. I understand the
        purpose and effect of this uADD, I agree with everything that is written in this
uADD,
        and I have made this uADD knowingly, willingly and after careful
        deliberation.</paragraph>
. . .
  </text>
. . .
  <entry>
    <observation classCode="OBS" moodCode="EVN">
      <templateId root="2.16.840.1.113883.4.823.1.4.19" extension="2023-08-28" />
      <id root="C0E16C64-6D83-4611-8C0C-85472IJNH36D" />
      <code code="75774-0" codeSystem="2.16.840.1.113883.6.1" codeSystemName="LOINC"
displayName="Allowance to change advance directive preferences in the future regardless of
mental state [Reported]" />
      <text>
        <reference value="#AI_2" />
      </text>
      <statusCode code="completed" />
      <effectiveTime value="202005011429-0500"/>
      <value xsi:type="BL" value="true"/>
    </observation>
  </entry>
. . .
</section>
```

3.18 Upon Death Preference

```
[observation: identifier urn:hl7ii:2.16.840.1.113883.4.823.1.4.17:2023-08-28
(open)]

Draft as part of Personal Advance Care Plan V4
```

Table 26: Upon Death Preference Contexts

Contained By:	Contains:
Personal Priorities Organizer (optional) GPP Upon Death Section (optional)	

This template is used to represent the author's thoughts about preferences for actions they want to happen after they have died.

1. **SHALL** contain exactly one [1..1] **@classCode**="OBS" Observation (CodeSystem: HL7ActClass urn:oid:2.16.840.1.113883.5.6 **STATIC**) (CONF:5547-33746).
2. **SHALL** contain exactly one [1..1] **@moodCode**="INT" Intent (CodeSystem: HL7ActMood urn:oid:2.16.840.1.113883.5.1001 **STATIC**) (CONF:5547-33747).
3. **SHALL** contain exactly one [1..1] **templateId** (CONF:5547-33722) such that it
    a. **SHALL** contain exactly one [1..1] **@root**="2.16.840.1.113883.4.823.1.4.17" (CONF:5547-33736).
    b. **SHALL** contain exactly one [1..1] **@extension**="2023-08-28" (CONF:5547-33737).
4. **SHALL** contain at least one [1..*] **id** (CONF:5547-33748).
5. **SHALL** contain exactly one [1..1] **code** (CONF:5547-33726).
    a. This code **SHALL** contain exactly one [1..1] **@code** (ValueSet: **Upon Death Preferences** urn:oid:2.16.840.1.113762.1.4.1115.15 **DYNAMIC**) (CONF:5547-33742).
    b. This code **SHALL** contain exactly one [1..1] **@displayName** (CONF:5547-33744).
    c. This code **SHOULD** contain zero or one [0..1] **originalText** (CONF:5547-33727).
        i. The originalText, if present, **SHOULD** contain zero or one [0..1] **reference** (CONF:5547-33728).
            1. The reference, if present, **SHALL** contain exactly one [1..1] **@value** (CONF:5547-33729).
                a. This reference/@value **SHALL** begin with a '#' and **SHALL** point to its corresponding narrative (CONF:5547-33741).
6. **SHALL** contain exactly one [1..1] **text** (CONF:5547-33730).
    a. This text **SHALL** contain exactly one [1..1] **reference** (CONF:5547-33731).
        i. This reference **SHALL** contain exactly one [1..1] **@value** (CONF:5547-33732).
            1. This reference/@value **SHALL** begin with a '#' and **SHALL** point to its corresponding narrative (using the approach defined in CDA R2.0, section 4.3.5.1) (CONF:5547-33745).
7. **SHALL** contain exactly one [1..1] **statusCode** (CONF:5547-33723).
    a. This statusCode **SHALL** contain exactly one [1..1] **@code**="completed" (CodeSystem: HL7ActStatus urn:oid:2.16.840.1.113883.5.14 **STATIC**) (CONF:5547-33738).
8. **SHALL** contain exactly one [1..1] **value** (CONF:5547-33725) such that it
    a. The @xsi:type of this value **SHOULD** be either "CD" or "ED" (CONF:5547-33740).
9. **MAY** contain zero or one [0..1] **value** with @xsi:type="CD" (CodeSystem: SNOMED CT urn:oid:2.16.840.1.113883.6.96) (CONF:5547-33733) such that it
    a. **SHOULD** contain zero or one [0..1] **originalText** (CONF:5547-33734).
        i. The originalText, if present, **SHOULD** contain zero or one [0..1] **reference** (CONF:5547-33750).
10. **MAY** contain zero or one [0..1] **value** with @xsi:type="ED" (CodeSystem: SNOMED CT urn:oid:2.16.840.1.113883.6.96) (CONF:5547-33735) such that it
    a. **SHOULD** contain zero or one [0..1] **reference** (CONF:5547-33751).
11. **MAY** contain zero or more [0..*] **reference** (CONF:5547-33724) such that it
    a. **SHALL** contain exactly one [1..1] **@typeCode**="REFR" Refers to (CodeSystem: HL7ActRelationshipType urn:oid:2.16.840.1.113883.5.1002 **STATIC**) (CONF:5547-33739).

12. **SHALL** contain exactly one [1..1] **precondition** (CONF:5547-34023).
    a. This precondition **SHALL** contain exactly one [1..1] **criterion** (CONF:5547-34024) such that it
        i. **SHALL** contain exactly one [1..1] **code** (CONF:5547-34025).
            1. This code **SHALL** contain exactly one [1..1] **@code**="419620001" (CodeSystem: SNOMED CT urn:oid:2.16.840.1.113883.6.96) (CONF:5547-34111).

Figure 37: Upon Death Preference Example

```
<section>
  <templateId root="2.16.840.1.113883.4.823.1.3.5" extension="2023-08-28" />
  <code code="81337-8" codeSystem="2.16.840.1.113883.6.1" codeSystemName="LOINC"
displayName="Patient Goals, preferences, and priorities upon death" />
  <title mediaType="text/plain" representation="TXT" language="en-US">Preferences Upon
Death</title>
  <text>
    <content ID="GPP_ud_1">
      <content ID="GPP_ud_1_Q" styleCode="Bold">Organ Donation:</content>
      <br />
      <content ID="GPP_ud_1_A" styleCode="Answer"> I would like to donate all organs and
          tissues that would be useful for someone else.</content>
    </content><br /><br />
    <content ID="GPP_ud_3">
      <content ID="GPP_ud_3_Q" styleCode="Bold">Autopsy:</content>
      <br />
      <content ID="GPP_ud_3_I" styleCode="Answer">I want an autopsy</content>
      <content ID="GPP_ud_3_C_1" styleCode="Answer">only if there are questions about my
          death or</content>
      <content ID="GPP_ud_3_C_2" styleCode="Answer">a law enforcement official requests
it.</content>
    </content><br /><br />
    <content ID="GPP_ud_5">
      <content ID="GPP_ud_5_Q" styleCode="Bold">Death arrangements:</content><br />
      <content ID="GPP_ud_5_A" styleCode="Answer">
        Please call Jim Houston, my lawyer, for arrangements I have already made. I have
purchased
a funeral plat at Graceful Acres in Belmont NC and have life insurance policies filed with
my
        lawyer that you should access if anything happens to me.
      </content>
    </content><br /><br />
  </text>
. . .
  <entry>
    <observation classCode="OBS" moodCode="INT">
      <templateId root="2.16.840.1.113883.4.823.1.4.17" extension="2023-08-28" />
      <id root="22E8DC22-B0E5-4D73-8E19-8F0B2BF4C566" />
      <code code="81356-8" codeSystem="2.16.840.1.113883.6.1" codeSystemName="LOINC"
displayName="Death arrangements [Reported]">
        <originalText>
          <reference value="#GPP_ud_5_Q" />
        </originalText>
      </code>
      <text>
        <reference value="#GPP_ud_5" />
      </text>
      <statusCode code="completed" />
      <value xsi:type="ED">
        <reference value="#GPP_ud_5_A" />
      </value>
    </observation>
  </entry>
</section>
```

3.19 Witness Observation

```
[observation: identifier urn:hl7ii:2.16.840.1.113883.4.823.1.4.15:2023-08-28
(open)]
```

```
Draft as part of Personal Advance Care Plan V4
```

Table 27: Witness Observation Contexts

Contained By:	Contains:
Witness and Notary Section (optional)	

This template is used to represent an individual who witnessed the signing of the advance directive document. The witness is there to make sure that the testator (person making the advance directive document) has the mental capacity required for the information to be legal and valid.

A witness is an authenticator in the document header. If the witness digitally signs the document, the signature event is listed in the witness's authenticator block in the header. If the witness digitally signs the document, the digital signature information is recorded in the witness's authenticator block in the header as well.

Meaning	Template	Observation.code	Participation.type	Participant RoleCode
A witness for the person who is creating their advance directives	Witness Observation	PACP Wittness Categories	WIT ParticipationType	CONSWIT RoleCode

1. **SHALL** contain exactly one [1..1] **@classCode**="OBS" Observation (CodeSystem: HL7ActClass urn:oid:2.16.840.1.113883.5.6 **STATIC**) (CONF:5547-33602).
2. **SHALL** contain exactly one [1..1] **@moodCode**="EVN" Event (CodeSystem: HL7ActMood urn:oid:2.16.840.1.113883.5.1001 **STATIC**) (CONF:5547-33603).
3. **SHALL** contain exactly one [1..1] **templateId** (CONF:5547-33579) such that it
   a. **SHALL** contain exactly one [1..1] **@root**="2.16.840.1.113883.4.823.1.4.15" (CONF:5547-33591).
   b. **SHALL** contain exactly one [1..1] **@extension**="2023-08-28" (CONF:5547-33592).
4. **SHALL** contain at least one [1..*] **id** (CONF:5547-33604).
5. **SHALL** contain exactly one [1..1] **code** (CONF:5547-33584) such that it
   a. **SHALL** contain exactly one [1..1] **@code**, which **SHALL** be selected from ValueSet **Witness Categories** urn:oid:2.16.840.1.113762.1.4.1115.21 **DYNAMIC** (CONF:5547-33597).
   b. **SHALL** contain exactly one [1..1] **@displayName** (CONF:5547-33600).
6. **SHALL** contain exactly one [1..1] **text** (CONF:5547-33588).
   a. This text **SHALL** contain exactly one [1..1] **reference** (CONF:5547-33589).
      i. This reference **SHALL** contain exactly one [1..1] **@value** (CONF:5547-33590).

1. This reference/@value **SHALL** begin with a '#' and **SHALL** point to its corresponding narrative (using the approach defined in CDA R2.0, section 4.3.5.1) (CONF:5547-33601).

7. **SHALL** contain exactly one [1..1] **statusCode** (CONF:5547-33580).
   a. This statusCode **SHALL** contain exactly one [1..1] **@code**="completed" (CodeSystem: HL7ActStatus urn:oid:2.16.840.1.113883.5.14 **STATIC**) (CONF:5547-33593).

8. **SHALL** contain exactly one [1..1] **participant** (CONF:5547-33906) such that it
   a. **SHALL** contain exactly one [1..1] **@typeCode**="WIT" (CodeSystem: HL7ParticipationType urn:oid:2.16.840.1.113883.5.90) (CONF:5547-33909).
   b. **SHALL** contain exactly one [1..1] **time** (CONF:5547-33910).
   c. **SHALL** contain exactly one [1..1] **participantRole** (CONF:5547-33907).
      i. This participantRole **SHALL** contain exactly one [1..1] **id** (CONF:5547-33911).
      ii. This participantRole **SHALL** contain exactly one [1..1] **code**="CONSWIT" (CodeSystem: HL7RoleClass urn:oid:2.16.840.1.113883.5.110) (CONF:5547-33965).
      iii. This participantRole **SHOULD** contain at least one [1..*] **addr** (CONF:5547-33912).
      iv. This participantRole **SHALL** contain exactly one [1..1] **playingEntity** (CONF:5547-33908).
         1. This playingEntity **SHALL** contain exactly one [1..1] **name** (CONF:5547-33913).

```
<component>
  <section>
    <templateId root="2.16.840.1.113883.4.823.1.3.9" extension="2023-08-28" />
    <code code="81339-4" codeSystem="2.16.840.1.113883.6.1" codeSystemName="LOINC"
      displayName="Witness and notary Document" />
    <title mediaType="text/plain" representation="TXT" language="en-US">Witnesses and
Notary</title>
    <text>
. . .
      <table ID="WIT-eSig">
        <tbody>
          <tr>
            <td>Signature:</td>
            <td>Will Smith</td>
          </tr>
          <tr>
            <td>Date:</td>
            <td>05/01/2020, at 2:35pm PDT </td>
          </tr>
        </tbody>
      </table>
      <renderMultiMedia referencedObject="WitnessSign"/>
      <table ID="WIT-Info">
        <tbody>
          <tr>
            <td>Witness Name:</td>
            <td>Will Smith</td>
          </tr>
          <tr>
            <td>Witness Email:</td>
            <td>Willsmith@jettelabs.com</td>
          </tr>
        </tbody>
      </table><br /><br />
. . .
    </text>
. . .
    <entry>
      <observationMedia ID="WitnessSign" classCode="OBS" moodCode="EVN">
<!--b64 encoded-->
        <value representation="B64" mediaType="image/png">
          iVBORw0KGgoAAAANSUhEU. . .
        </value>
      </observationMedia>
    </entry>
. . .
<entry>
    <!-- Witness Observation-->
    <observation classCode="OBS" moodCode="EVN">
        <templateId root="2.16.840.1.113883.4.823.1.4.15" extension="2023-08-28"/>
        <id root="2.16.840.1.113883.3.3208.101.4.27.1" extension="20130607100315-CCDA-CCD-
3001"/>
        <code code="81369-1" codeSystem="2.16.840.1.113883.6.1" codeSystemName="LOINC"
            displayName="First witness"/>
        <text>
```

```
                <reference value="#WIT-eSig"/>
        </text>
        <statusCode code="completed"/>
        <participant typeCode="WIT">
            <time value="202005011429-0700"/>
            <participantRole>
                <id root="2.16.840.1.113883.4.823.1.5.1" extension="20130607102402"/>
                <!--Witness id-->
                <code code="CONSWIT" codeSystem="2.16.840.1.113883.5.110"
codeSystemName="RoleClass"
                    displayName="Consent Witness">
                    <originalText mediaType="text/plain" language="en-
US">Witness</originalText>
                </code>
                <addr use="HP">
                    <streetAddressLine partType="SAL">75 Main Street</streetAddressLine>
                    <city partType="CTY">San Antonio</city>
                    <state partType="STA">TX</state>
                    <postalCode partType="ZIP">78212</postalCode>
                    <country partType="CNT">US</country>
                </addr>
                <playingEntity>
                    <name use="L">
                        <given partType="GIV">Will</given>
                        <family partType="FAM">Smith</family>
                    </name>
                </playingEntity>
            </participantRole>
        </participant>
    </observation>
</entry>
. . .
  </section>
</component>
```

4   TEMPLATE IDS IN THIS GUIDE

Table 28: Template List

Template Title	Template Type	templateId
Personal Advance Care Plan Document	document	urn:hl7ii:2.16.840.1.113883.4.823.1.1.1:2023-08-28
Personal Advance Care Plan Header	document	urn:hl7ii:2.16.840.1.113883.4.823.1.2.1:2023-08-28
Additional Documentation Section	section	urn:hl7ii:2.16.840.1.113883.4.823.1.3.8:2023-08-28
Administrative Information Section	section	urn:hl7ii:2.16.840.1.113883.4.823.1.3.7:2023-08-28
GPP for Certain Conditions Section	section	urn:hl7ii:2.16.840.1.113883.4.823.1.3.4:2023-08-28
GPP Personal Care Experience Section	section	urn:hl7ii:2.16.840.1.113883.4.823.1.3.6:2023-08-28
GPP Upon Death Section	section	urn:hl7ii:2.16.840.1.113883.4.823.1.3.5:2023-08-28
Healthcare Agent Appointment Section	section	urn:hl7ii:2.16.840.1.113883.4.823.1.3.3:2022-03-25
Witness and Notary Section	section	urn:hl7ii:2.16.840.1.113883.4.823.1.3.9:2023-08-28
Authenticated Copy	entry	urn:hl7ii:2.16.840.1.113883.4.823.1.4.20:2022-03-25
Author Attestation Observation	entry	urn:hl7ii:2.16.840.1.113883.4.823.1.4.21:2023-08-28
Autopsy Preference	entry	urn:hl7ii:2.16.840.1.113883.4.823.1.4.14:2023-08-28
Care Experience Preference	entry	urn:hl7ii:2.16.840.1.113883.4.823.1.4.10:2020-06-10
Clause Observation	entry	urn:hl7ii:2.16.840.1.113883.4.823.1.4.16:2022-03-25
DNR Observation	entry	urn:hl7ii:2.16.840.1.113883.4.823.1.4.18:2023-08-28
Healthcare Agent Appointment Entry	entry	urn:hl7ii:2.16.840.1.113883.4.823.1.4.2:2022-03-25
Healthcare Agent Authority	entry	urn:hl7ii:2.16.840.1.113883.4.823.1.4.4:2022-03-25
Notary Observation	entry	urn:hl7ii:2.16.840.1.113883.4.823.1.4.13:2023-08-28
Organ Donation Preference	entry	urn:hl7ii:2.16.840.1.113883.4.823.1.4.12:2023-08-28
Personal Advance Directive Document Observation	entry	urn:hl7ii:2.16.840.1.113883.4.823.1.4.23:2023-08-28
Personal Health Goal	entry	urn:hl7ii:2.16.840.1.113883.4.823.

Template Title	Template Type	templateId
		1.4.6:2022-03-25
Personal Intervention Preference	entry	urn:hl7ii:2.16.840.1.113883.4.823.1.4.5:2023-08-28
Personal Intervention Preference under Health Scenario	entry	urn:hl7ii:2.16.840.1.113883.4.823.1.4.22:2023-08-28
Personal Priorities Organizer	entry	urn:hl7ii:2.16.840.1.113883.4.823.1.4.7:2023-08-28
PMO Observation	entry	urn:hl7ii:2.16.840.1.113883.4.823.1.4.8:2023-08-28
Preference to Permit or Deny Future Changes Based on Mental Status	entry	urn:hl7ii:2.16.840.1.113883.4.823.1.4.19:2023-08-28
Upon Death Preference	entry	urn:hl7ii:2.16.840.1.113883.4.823.1.4.17:2023-08-28
Witness Observation	entry	urn:hl7ii:2.16.840.1.113883.4.823.1.4.15:2023-08-28

Table 29: Template Containments

Template Title	Template Type	templateId
Personal Advance Care Plan Document	document	urn:hl7ii:2.16.840.1.113883.4.823.1.1.1:2023-08-28
Healthcare Agent Appointment Section	section	urn:hl7ii:2.16.840.1.113883.4.823.1.3.3:2022-03-25
Healthcare Agent Appointment Entry	entry	urn:hl7ii:2.16.840.1.113883.4.823.1.4.2:2022-03-25
Healthcare Agent Authority	entry	urn:hl7ii:2.16.840.1.113883.4.823.1.4.4:2022-03-25
Clause Observation	entry	urn:hl7ii:2.16.840.1.113883.4.823.1.4.16:2022-03-25
Administrative Information Section	section	urn:hl7ii:2.16.840.1.113883.4.823.1.3.7:2023-08-28
Clause Observation	entry	urn:hl7ii:2.16.840.1.113883.4.823.1.4.16:2022-03-25
Author Attestation Observation	entry	urn:hl7ii:2.16.840.1.113883.4.823.1.4.21:2023-08-28
Preference to Permit or Deny Future Changes Based on Mental Status	entry	urn:hl7ii:2.16.840.1.113883.4.823.1.4.19:2023-08-28
GPP for Certain Conditions Section	section	urn:hl7ii:2.16.840.1.113883.4.823.1.3.4:2023-08-28
Personal Intervention Preference under Health Scenario	entry	urn:hl7ii:2.16.840.1.113883.4.823.1.4.22:2023-08-28
Care Experience Preference	entry	urn:hl7ii:2.16.840.1.113883.4.823.1.4.10:2020-06-10
Clause Observation	entry	urn:hl7ii:2.16.840.1.113883.4.823.1.4.16:2022-03-25
Personal Health Goal	entry	urn:hl7ii:2.16.840.1.113883.4.823.1.4.6:2022-03-25
Personal Priorities Organizer	entry	urn:hl7ii:2.16.840.1.113883.4.823.1.4.7:2023-08-28
Care Experience Preference	entry	urn:hl7ii:2.16.840.1.113883.4.823.1.4.10:2020-06-10
Personal Health Goal	entry	urn:hl7ii:2.16.840.1.113883.4.823.1.4.6:2022-03-25
Upon Death Preference	entry	urn:hl7ii:2.16.840.1.113883.4.823.1.4.17:2023-08-28
Personal Intervention Preference	entry	urn:hl7ii:2.16.840.1.113883.4.823.1.4.5:2023-08-28
Personal Intervention Preference	entry	urn:hl7ii:2.16.840.1.113883.4.823.1.4.5:2023-08-28
GPP Upon Death Section	section	urn:hl7ii:2.16.840.1.113883.4.823.1.3.5:2023-08-28
Clause Observation	entry	urn:hl7ii:2.16.840.1.113883.4.823.1.4.16:2022-03-25

Template Title	Template Type	templateId
Personal Priorities Organizer	entry	urn:hl7ii:2.16.840.1.113883.4.823.1.4.7:2023-08-28
Care Experience Preference	entry	urn:hl7ii:2.16.840.1.113883.4.823.1.4.10:2020-06-10
Personal Health Goal	entry	urn:hl7ii:2.16.840.1.113883.4.823.1.4.6:2022-03-25
Upon Death Preference	entry	urn:hl7ii:2.16.840.1.113883.4.823.1.4.17:2023-08-28
Personal Intervention Preference	entry	urn:hl7ii:2.16.840.1.113883.4.823.1.4.5:2023-08-28
Upon Death Preference	entry	urn:hl7ii:2.16.840.1.113883.4.823.1.4.17:2023-08-28
Organ Donation Preference	entry	urn:hl7ii:2.16.840.1.113883.4.823.1.4.12:2023-08-28
Autopsy Preference	entry	urn:hl7ii:2.16.840.1.113883.4.823.1.4.14:2023-08-28
Additional Documentation Section	section	urn:hl7ii:2.16.840.1.113883.4.823.1.3.8:2023-08-28
Clause Observation	entry	urn:hl7ii:2.16.840.1.113883.4.823.1.4.16:2022-03-25
DNR Observation	entry	urn:hl7ii:2.16.840.1.113883.4.823.1.4.18:2023-08-28
PMO Observation	entry	urn:hl7ii:2.16.840.1.113883.4.823.1.4.8:2023-08-28
Personal Advance Directive Document Observation	entry	urn:hl7ii:2.16.840.1.113883.4.823.1.4.23:2023-08-28
GPP Personal Care Experience Section	section	urn:hl7ii:2.16.840.1.113883.4.823.1.3.6:2023-08-28
Care Experience Preference	entry	urn:hl7ii:2.16.840.1.113883.4.823.1.4.10:2020-06-10
Clause Observation	entry	urn:hl7ii:2.16.840.1.113883.4.823.1.4.16:2022-03-25
Personal Health Goal	entry	urn:hl7ii:2.16.840.1.113883.4.823.1.4.6:2022-03-25
Personal Priorities Organizer	entry	urn:hl7ii:2.16.840.1.113883.4.823.1.4.7:2023-08-28
Care Experience Preference	entry	urn:hl7ii:2.16.840.1.113883.4.823.1.4.10:2020-06-10
Personal Health Goal	entry	urn:hl7ii:2.16.840.1.113883.4.823.1.4.6:2022-03-25
Upon Death Preference	entry	urn:hl7ii:2.16.840.1.113883.4.823.1.4.17:2023-08-28
Personal Intervention Preference	entry	urn:hl7ii:2.16.840.1.113883.4.823.1.4.5:2023-08-28
Witness and Notary Section	section	urn:hl7ii:2.16.840.1.113883.4.823.1.3.9:2023-08-28

Template Title	Template Type	templateId
Clause Observation	entry	urn:hl7ii:2.16.840.1.113883.4.823.1.4.16:2022-03-25
Witness Observation	entry	urn:hl7ii:2.16.840.1.113883.4.823.1.4.15:2023-08-28
Notary Observation	entry	urn:hl7ii:2.16.840.1.113883.4.823.1.4.13:2023-08-28
Authenticated Copy	entry	urn:hl7ii:2.16.840.1.113883.4.823.1.4.20:2022-03-25
Personal Advance Care Plan Header	document	urn:hl7ii:2.16.840.1.113883.4.823.1.2.1:2023-08-28

5 VALUE SETS IN THIS GUIDE

Table 30: SupportedFileFormats

Value Set: SupportedFileFormats urn:oid:2.16.840.1.113883.11.20.7.1

(Clinical Focus: Indicates the file format of an unstructured document contained in a CDA Unstructured Document.),(Data Element Scope: File format concepts selected from the mediType code system.),(Inclusion Criteria: Include concepts where the file format is supported by an Unstructured Document.),(Exclusion Criteria: Exclude concepts where the file format is not supported by an Unstructured Document.)

This value set was imported on 11/23/2022 with a version of Latest.

Value Set Source:
https://vsac.nlm.nih.gov/valueset/2.16.840.1.113883.11.20.7.1/expansion

Code	Code System	Code System OID	Print Name
application/msword	Media Type	urn:oid:2.16.840.1.113883.5.79	MSWORD
application/pdf	Media Type	urn:oid:2.16.840.1.113883.5.79	PDF
audio	Media Type	urn:oid:2.16.840.1.113883.5.79	AudioMediaType
audio/basic	Media Type	urn:oid:2.16.840.1.113883.5.79	Basic Audio
audio/k32adpcm	Media Type	urn:oid:2.16.840.1.113883.5.79	K32ADPCM Audio
audio/mpeg	Media Type	urn:oid:2.16.840.1.113883.5.79	MPEG audio layer 3
image/gif	Media Type	urn:oid:2.16.840.1.113883.5.79	GIF Image
image/jpeg	Media Type	urn:oid:2.16.840.1.113883.5.79	JPEG Image
image/png	Media Type	urn:oid:2.16.840.1.113883.5.79	PNG Image
image/tiff	Media Type	urn:oid:2.16.840.1.113883.5.79	TIFF Image
text/html	Media Type	urn:oid:2.16.840.1.113883.5.79	HTML Text
text/plain	Media Type	urn:oid:2.16.840.1.113883.5.79	Plain Text
text/rtf	Media Type	urn:oid:2.16.840.1.113883.5.79	RTF Text
video	Media Type	urn:oid:2.16.840.1.113883.5.79	VideoMediaType
video/mp4	Media Type	urn:oid:2.16.840.1.113883.5.79	MP4 Video
video/mpeg	Media Type	urn:oid:2.16.840.1.113883.5.79	MPEG Video
video/quicktime	Media Type	urn:oid:2.16.840.1.113883.5.79	QuickTime Video
video/webm	Media Type	urn:oid:2.16.840.1.113883.5.79	WebM Video
video/x-avi	Media Type	urn:oid:2.16.840.1.113883.5.79	X-AVI Video
video/x-ms-wmv	Media Type	urn:oid:2.16.840.1.113883.5.79	Windows Media Video

Table 31: Personal Advance Directive Document Types

Value Set: Personal Advance Directive Document Types urn:oid:2.16.840.1.113762.1.4.1115.22

(Clinical Focus: Advance Directive Document Types that are specifically authored by the Patient.),(Data Element Scope: These codes are used to express the type of document in ClinicalDocument.code or to specify a specific type of document that exists.),(Inclusion Criteria:),(Exclusion Criteria:)

This value set was imported on 8/15/2023 with a version of Latest.

Value Set Source:
https://vsac.nlm.nih.gov/valueset/2.16.840.1.113762.1.4.1115.22/expansion

Code	Code System	Code System OID	Print Name
64298-3	LOINC	urn:oid:2.16.840.1.113883.6.1	Power of attorney
81334-5	LOINC	urn:oid:2.16.840.1.113883.6.1	Patient Personal advance care plan
86533-7	LOINC	urn:oid:2.16.840.1.113883.6.1	Patient Living will
92664-2	LOINC	urn:oid:2.16.840.1.113883.6.1	Power of attorney and Living will

Table 32: Language

Value Set: Language urn:oid:2.16.840.1.113883.1.11.11526
A value set of codes defined by Internet RFC 5646.

Use 2 character code if one exists.
Use 3 character code if a 2 character code does not exist.
Including type = region is allowed

See http://www.iana.org/assignments/language-subtag-registry/language-subtag-registry
Value Set Source: **http://www.loc.gov/standards/iso639-2/php/code_list.php**

Code	Code System	Code System OID	Print Name
aa	Language	urn:oid:2.16.840.1.113883.6.121	Afar
ab	Language	urn:oid:2.16.840.1.113883.6.121	Abkhazian
ace	Language	urn:oid:2.16.840.1.113883.6.121	Achinese
ach	Language	urn:oid:2.16.840.1.113883.6.121	Acoli
ada	Language	urn:oid:2.16.840.1.113883.6.121	Adangme
ady	Language	urn:oid:2.16.840.1.113883.6.121	Adyghe; Adygei
ae	Language	urn:oid:2.16.840.1.113883.6.121	Avestan
af	Language	urn:oid:2.16.840.1.113883.6.121	Afrikaans
afa	Language	urn:oid:2.16.840.1.113883.6.121	Afro-Asiatic (Other)
afh	Language	urn:oid:2.16.840.1.113883.6.121	Afrihili
ain	Language	urn:oid:2.16.840.1.113883.6.121	Ainu
ak	Language	urn:oid:2.16.840.1.113883.6.121	Akan
akk	Language	urn:oid:2.16.840.1.113883.6.121	Akkadian
ale	Language	urn:oid:2.16.840.1.113883.6.121	Aleut
alg	Language	urn:oid:2.16.840.1.113883.6.121	Algonquian languages
alt	Language	urn:oid:2.16.840.1.113883.6.121	Southern Altai
am	Language	urn:oid:2.16.840.1.113883.6.121	Amharic
an	Language	urn:oid:2.16.840.1.113883.6.121	Aragonese

ang	Language	urn:oid:2.16.840.1.113883.6.121	English, Old (ca.450-1100)
anp	Language	urn:oid:2.16.840.1.113883.6.121	Angika
...			

Table 33: Race Value Set

Value Set: Race Value Set urn:oid:2.16.840.1.113883.1.11.14914

(Clinical Focus: All concepts that can describe a person's "race" as defined by the United States Bureau of Census),(Data Element Scope: Personal Demographic information, can be multiple.),(Inclusion Criteria: All descendant concepts from the concept "1000-9 Race", excluding that root concept, as derived from the Race and Ethnicity - CDC code system.),(Exclusion Criteria: Concepts that are not a descendant of "Race", therefore, no concepts descendant from "2133-7 Ethnicity". Also the root concept "Race".)

This value set was imported on 6/29/2019 with a version of 20190522.
Value Set Source:
https://vsac.nlm.nih.gov/valueset/2.16.840.1.113883.1.11.14914/expansion

Code	Code System	Code System OID	Print Name
1002-5	Race & Ethnicity - CDC	urn:oid:2.16.840.1.113883.6.238	American Indian or Alaska Native
1004-1	Race & Ethnicity - CDC	urn:oid:2.16.840.1.113883.6.238	American Indian
1006-6	Race & Ethnicity - CDC	urn:oid:2.16.840.1.113883.6.238	Abenaki
1008-2	Race & Ethnicity - CDC	urn:oid:2.16.840.1.113883.6.238	Algonquian
1010-8	Race & Ethnicity - CDC	urn:oid:2.16.840.1.113883.6.238	Apache
1011-6	Race & Ethnicity - CDC	urn:oid:2.16.840.1.113883.6.238	Chiricahua
1012-4	Race & Ethnicity - CDC	urn:oid:2.16.840.1.113883.6.238	Fort Sill Apache
1013-2	Race & Ethnicity - CDC	urn:oid:2.16.840.1.113883.6.238	Jicarilla Apache
1014-0	Race & Ethnicity - CDC	urn:oid:2.16.840.1.113883.6.238	Lipan Apache
1015-7	Race & Ethnicity - CDC	urn:oid:2.16.840.1.113883.6.238	Mescalero Apache
1016-5	Race & Ethnicity - CDC	urn:oid:2.16.840.1.113883.6.238	Oklahoma Apache
1017-3	Race & Ethnicity - CDC	urn:oid:2.16.840.1.113883.6.238	Payson Apache
1018-1	Race & Ethnicity - CDC	urn:oid:2.16.840.1.113883.6.238	San Carlos Apache
1019-9	Race & Ethnicity - CDC	urn:oid:2.16.840.1.113883.6.238	White Mountain Apache
1021-5	Race & Ethnicity - CDC	urn:oid:2.16.840.1.113883.6.238	Arapaho
1022-3	Race & Ethnicity - CDC	urn:oid:2.16.840.1.113883.6.238	Northern Arapaho
1023-1	Race & Ethnicity - CDC	urn:oid:2.16.840.1.113883.6.238	Southern Arapaho
1024-9	Race & Ethnicity - CDC	urn:oid:2.16.840.1.113883.6.238	Wind River Arapaho

1026-4	Race & Ethnicity - CDC	urn:oid:2.16.840.1.113883.6.238	Arikara
1028-0	Race & Ethnicity - CDC	urn:oid:2.16.840.1.113883.6.238	Assiniboine
...			

Table 34: Personal And Legal Relationship Role Type

Value Set: Personal And Legal Relationship Role Type urn:oid:2.16.840.1.113883.11.20.12.1

(Clinical Focus: A personal or legal relationship records the role of a person in relation to another person, or a person to himself or herself. This value set is to be used when recording relationships based on personal or family ties or through legal assignment of responsibility.),(Data Element Scope: C-CDA v2.1 Any person role such as Guardian and associatedEntity. Many @code references.),(Inclusion Criteria: Union of: (Descendants of _PersonalRelationshipRoleType

OR

Descendants of RESPRSN)),(Exclusion Criteria: not in the inclusion criteria)

This value set was imported on 1/23/2023 with a version of Latest.

Value Set Source:
https://vsac.nlm.nih.gov/valueset/2.16.840.1.113883.11.20.12.1/expansion

Code	Code System	Code System OID	Print Name
ADOPTF	HL7RoleCode	urn:oid:2.16.840.1.113883.5.111	adoptive father
ADOPTM	HL7RoleCode	urn:oid:2.16.840.1.113883.5.111	adoptive mother
ADOPTP	HL7RoleCode	urn:oid:2.16.840.1.113883.5.111	adoptive parent
AUNT	HL7RoleCode	urn:oid:2.16.840.1.113883.5.111	aunt
BRO	HL7RoleCode	urn:oid:2.16.840.1.113883.5.111	brother
BROINLAW	HL7RoleCode	urn:oid:2.16.840.1.113883.5.111	brother-in-law
CHILD	HL7RoleCode	urn:oid:2.16.840.1.113883.5.111	child
CHLDADOPT	HL7RoleCode	urn:oid:2.16.840.1.113883.5.111	adopted child
CHLDFOST	HL7RoleCode	urn:oid:2.16.840.1.113883.5.111	foster child
CHLDINLAW	HL7RoleCode	urn:oid:2.16.840.1.113883.5.111	child-in-law
COUSN	HL7RoleCode	urn:oid:2.16.840.1.113883.5.111	cousin
DAU	HL7RoleCode	urn:oid:2.16.840.1.113883.5.111	natural daughter
DAUADOPT	HL7RoleCode	urn:oid:2.16.840.1.113883.5.111	adopted daughter
DAUC	HL7RoleCode	urn:oid:2.16.840.1.113883.5.111	daughter
DAUFOST	HL7RoleCode	urn:oid:2.16.840.1.113883.5.111	foster daughter
DAUINLAW	HL7RoleCode	urn:oid:2.16.840.1.113883.5.111	daughter in-law
DOMPART	HL7RoleCode	urn:oid:2.16.840.1.113883.5.111	domestic partner

DPOWATT	HL7RoleCode	urn:oid:2.16.840.1.113883.5.111	durable power of attorney
EXCEST	HL7RoleCode	urn:oid:2.16.840.1.113883.5.111	executor of estate
EXT	HL7RoleCode	urn:oid:2.16.840.1.113883.5.111	extended family member
...			

Table 35: LanguageAbilityMode

Value Set: LanguageAbilityMode urn:oid:2.16.840.1.113883.1.11.12249

(Clinical Focus: Channels for expressing and receiving human language),(Data Element Scope:),(Inclusion Criteria:),(Exclusion Criteria:)

This value set was imported on 6/25/2019 with a version of 20190425.

Value Set Source:
https://vsac.nlm.nih.gov/valueset/2.16.840.1.113883.1.11.12249/expansion

Code	Code System	Code System OID	Print Name
ESGN	HL7LanguageAbilityMode	urn:oid:2.16.840.1.113883.5.60	Expressed signed
ESP	HL7LanguageAbilityMode	urn:oid:2.16.840.1.113883.5.60	Expressed spoken
EWR	HL7LanguageAbilityMode	urn:oid:2.16.840.1.113883.5.60	Expressed written
RSGN	HL7LanguageAbilityMode	urn:oid:2.16.840.1.113883.5.60	Received signed
RSP	HL7LanguageAbilityMode	urn:oid:2.16.840.1.113883.5.60	Received spoken
RWR	HL7LanguageAbilityMode	urn:oid:2.16.840.1.113883.5.60	Received written

Table 36: LanguageAbilityProficiency

Value Set: LanguageAbilityProficiency urn:oid:2.16.840.1.113883.1.11.12199

(Clinical Focus: A person's level of proficiency in a language),(Data Element Scope:),(Inclusion Criteria:),(Exclusion Criteria:)

This value set was imported on 6/25/2019 with a version of 20190425.

Value Set Source:
https://vsac.nlm.nih.gov/valueset/2.16.840.1.113883.1.11.12199/expansion

Code	Code System	Code System OID	Print Name
E	HL7LanguageAbilityProficiency	urn:oid:2.16.840.1.113883.5.61	Excellent
F	HL7LanguageAbilityProficiency	urn:oid:2.16.840.1.113883.5.61	Fair
G	HL7LanguageAbilityProficiency	urn:oid:2.16.840.1.113883.5.61	Good
P	HL7LanguageAbilityProficiency	urn:oid:2.16.840.1.113883.5.61	Poor

Table 37: Administrative Gender (HL7 V3)

Value Set: Administrative Gender (HL7 V3) urn:oid:2.16.840.1.113883.1.11.1

(Clinical Focus: The gender of a person used for adminstrative purposes (as opposed to clinical gender)),(Data Element Scope:),(Inclusion Criteria: All codes in the Hl7 V3 AdministrativeGender code system),(Exclusion Criteria:)

This value set was imported on 9/29/2020 with a version of Latest.

Value Set Source: **https://vsac.nlm.nih.gov/valueset/2.16.840.1.113883.1.11.1/expansion**

Code	Code System	Code System OID	Print Name
F	Administrative Gender	urn:oid:2.16.840.1.113883.5.1	Female
M	Administrative Gender	urn:oid:2.16.840.1.113883.5.1	Male
UN	Administrative Gender	urn:oid:2.16.840.1.113883.5.1	Undifferentiated

Table 38: Marital Status

Value Set: Marital Status urn:oid:2.16.840.1.113883.1.11.12212

(Clinical Focus: The domestic partnership status of a person.),(Data Element Scope: Marital Status),(Inclusion Criteria: All codes in the HL7 MaritalStatus code system),(Exclusion Criteria: Any non-selectable codes)

This value set was imported on 6/25/2019 with a version of 20190517.

Value Set Source:
https://vsac.nlm.nih.gov/valueset/2.16.840.1.113883.1.11.12212/expansion

Code	Code System	Code System OID	Print Name
A	HL7MaritalStatus	urn:oid:2.16.840.1.113883.5.2	Annulled
C	HL7MaritalStatus	urn:oid:2.16.840.1.113883.5.2	Common Law
D	HL7MaritalStatus	urn:oid:2.16.840.1.113883.5.2	Divorced
I	HL7MaritalStatus	urn:oid:2.16.840.1.113883.5.2	Interlocutory
L	HL7MaritalStatus	urn:oid:2.16.840.1.113883.5.2	Legally Separated
M	HL7MaritalStatus	urn:oid:2.16.840.1.113883.5.2	Married
P	HL7MaritalStatus	urn:oid:2.16.840.1.113883.5.2	Polygamous
S	HL7MaritalStatus	urn:oid:2.16.840.1.113883.5.2	Never Married
T	HL7MaritalStatus	urn:oid:2.16.840.1.113883.5.2	Domestic partner
U	HL7MaritalStatus	urn:oid:2.16.840.1.113883.5.2	unmarried
W	HL7MaritalStatus	urn:oid:2.16.840.1.113883.5.2	Widowed

Table 39: Religious Affiliation

Value Set: Religious Affiliation urn:oid:2.16.840.1.113883.1.11.19185

(Clinical Focus: A person's faith affiliation),(Data Element Scope:),(Inclusion Criteria: All codes in the HL7 ReligiousAffiliation code system),(Exclusion Criteria:)

This value set was imported on 6/29/2019 with a version of 20190425.
Value Set Source:
https://vsac.nlm.nih.gov/valueset/2.16.840.1.113883.1.11.19185/expansion

Code	Code System	Code System OID	Print Name
1001	HL7ReligiousAffiliation	urn:oid:2.16.840.1.113883.5.1076	Adventist
1002	HL7ReligiousAffiliation	urn:oid:2.16.840.1.113883.5.1076	African Religions
1003	HL7ReligiousAffiliation	urn:oid:2.16.840.1.113883.5.1076	Afro-Caribbean Religions
1004	HL7ReligiousAffiliation	urn:oid:2.16.840.1.113883.5.1076	Agnosticism
1005	HL7ReligiousAffiliation	urn:oid:2.16.840.1.113883.5.1076	Anglican
1006	HL7ReligiousAffiliation	urn:oid:2.16.840.1.113883.5.1076	Animism
1007	HL7ReligiousAffiliation	urn:oid:2.16.840.1.113883.5.1076	Atheism
1008	HL7ReligiousAffiliation	urn:oid:2.16.840.1.113883.5.1076	Babi & Baha'I faiths
1009	HL7ReligiousAffiliation	urn:oid:2.16.840.1.113883.5.1076	Baptist
1010	HL7ReligiousAffiliation	urn:oid:2.16.840.1.113883.5.1076	Bon
1011	HL7ReligiousAffiliation	urn:oid:2.16.840.1.113883.5.1076	Cao Dai
1012	HL7ReligiousAffiliation	urn:oid:2.16.840.1.113883.5.1076	Celticism
1013	HL7ReligiousAffiliation	urn:oid:2.16.840.1.113883.5.1076	Christian (non-Catholic, non-specific)
1014	HL7ReligiousAffiliation	urn:oid:2.16.840.1.113883.5.1076	Confucianism
1015	HL7ReligiousAffiliation	urn:oid:2.16.840.1.113883.5.1076	Cyberculture Religions
1016	HL7ReligiousAffiliation	urn:oid:2.16.840.1.113883.5.1076	Divination
1017	HL7ReligiousAffiliation	urn:oid:2.16.840.1.113883.5.1076	Fourth Way
1018	HL7ReligiousAffiliation	urn:oid:2.16.840.1.113883.5.1076	Free Daism
1019	HL7ReligiousAffiliation	urn:oid:2.16.840.1.113883.5.1076	Gnosis

| 1020 | HL7ReligiousAffiliation | urn:oid:2.16.840.1.113883.5.1076 | Hinduism |
| ... | | | |

Table 40: Race Category Excluding Nulls

Value Set: Race Category Excluding Nulls urn:oid:2.16.840.1.113883.3.2074.1.1.3

(Clinical Focus: The top-level "Race" concepts as defined by US Office of Management and Budget (OMB), excluding "Other race". All "Race" concepts in the Race and Ethnicity - CDC code system roll-up to one of these codes.),(Data Element Scope: Demographic categorization of a person's race (can be multiple).),(Inclusion Criteria: Direct children of the "1000-9 Race" concept in the Race and Ethnicity Code system.),(Exclusion Criteria: Specifically exclude "2131-1 Other Race" and any descendant of the concepts defined in the inclusion criteria.)

This value set was imported on 6/18/2020 with a version of Latest.

Value Set Source:
https://vsac.nlm.nih.gov/valueset/2.16.840.1.113883.3.2074.1.1.3/expansion

Code	Code System	Code System OID	Print Name
1002-5	Race & Ethnicity - CDC	urn:oid:2.16.840.1.113883.6.238	American Indian or Alaska Native
2028-9	Race & Ethnicity - CDC	urn:oid:2.16.840.1.113883.6.238	Asian
2054-5	Race & Ethnicity - CDC	urn:oid:2.16.840.1.113883.6.238	Black or African American
2076-8	Race & Ethnicity - CDC	urn:oid:2.16.840.1.113883.6.238	Native Hawaiian or Other Pacific Islander
2106-3	Race & Ethnicity - CDC	urn:oid:2.16.840.1.113883.6.238	White

Table 41: Ethnicity

Value Set: Ethnicity urn:oid:2.16.840.1.114222.4.11.837

(Clinical Focus:),(Data Element Scope:),(Inclusion Criteria:),(Exclusion Criteria:)

This value set was imported on 10/14/2020 with a version of Latest.

Value Set Source:
https://vsac.nlm.nih.gov/valueset/2.16.840.1.114222.4.11.837/expansion

Code	Code System	Code System OID	Print Name
2135-2	Race & Ethnicity - CDC	urn:oid:2.16.840.1.113883.6.238	Hispanic or Latino
2186-5	Race & Ethnicity - CDC	urn:oid:2.16.840.1.113883.6.238	Not Hispanic or Latino

Table 42: Detailed Ethnicity

Value Set: Detailed Ethnicity urn:oid:2.16.840.1.114222.4.11.877

(Clinical Focus: All concepts that can describe a person's "ethnicity" as defined by the United States Bureau of Census. This includes the US Office of Management and Budget (OMB) two top-level ethnicity categories, plus all the more detailed descendant ethnicity concepts used by the US Bureau of Census.),(Data Element Scope: Personal Demographic information, can be multiple.),(Inclusion Criteria: All descendant concepts from the concept "2133-7 Ethnicity", excluding that root concept, as derived from the Race and Ethnicity - CDC code system.),(Exclusion Criteria: Concepts that are not a descendant of "2133-7 Ethnicity", therefore, no concepts descendant from "1000-9 Race". Also the root concept "Ethnicity".)

This value set was imported on 1/23/2023 with a version of Latest.

Value Set Source:
https://vsac.nlm.nih.gov/valueset/2.16.840.1.114222.4.11.877/expansion

Code	Code System	Code System OID	Print Name
2137-8	Race & Ethnicity - CDC	urn:oid:2.16.840.1.113883.6.238	Spaniard
2138-6	Race & Ethnicity - CDC	urn:oid:2.16.840.1.113883.6.238	Andalusian
2139-4	Race & Ethnicity - CDC	urn:oid:2.16.840.1.113883.6.238	Asturian
2140-2	Race & Ethnicity - CDC	urn:oid:2.16.840.1.113883.6.238	Castillian
2141-0	Race & Ethnicity - CDC	urn:oid:2.16.840.1.113883.6.238	Catalonian
2142-8	Race & Ethnicity - CDC	urn:oid:2.16.840.1.113883.6.238	Belearic Islander
2143-6	Race & Ethnicity - CDC	urn:oid:2.16.840.1.113883.6.238	Gallego
2144-4	Race & Ethnicity - CDC	urn:oid:2.16.840.1.113883.6.238	Valencian
2145-1	Race & Ethnicity - CDC	urn:oid:2.16.840.1.113883.6.238	Canarian
2146-9	Race & Ethnicity - CDC	urn:oid:2.16.840.1.113883.6.238	Spanish Basque
2148-5	Race & Ethnicity - CDC	urn:oid:2.16.840.1.113883.6.238	Mexican
2149-3	Race & Ethnicity - CDC	urn:oid:2.16.840.1.113883.6.238	Mexican American
2150-1	Race & Ethnicity - CDC	urn:oid:2.16.840.1.113883.6.238	Mexicano
2151-9	Race & Ethnicity - CDC	urn:oid:2.16.840.1.113883.6.238	Chicano
2152-7	Race & Ethnicity - CDC	urn:oid:2.16.840.1.113883.6.238	La Raza
2153-5	Race & Ethnicity - CDC	urn:oid:2.16.840.1.113883.6.238	Mexican American Indian
2155-0	Race & Ethnicity - CDC	urn:oid:2.16.840.1.113883.6.238	Central American

2156-8	Race & Ethnicity - CDC	urn:oid:2.16.840.1.113883.6.238	Costa Rican
2157-6	Race & Ethnicity - CDC	urn:oid:2.16.840.1.113883.6.238	Guatemalan
2158-4	Race & Ethnicity - CDC	urn:oid:2.16.840.1.113883.6.238	Honduran
...			

Table 43: No Healthcare Agent Included Reason

Value Set: No Healthcare Agent Included Reason urn:oid:2.16.840.1.113762.1.4.1240.2

(Clinical Focus: Includes data absent reason concepts to express why a Healthcare Agent is not included.),(Data Element Scope: Section/@nullflavor),(Inclusion Criteria: Include concepts for the following notions:
Unknown | The value is expected to exist but is not known.
Asked But Unknown | The source was asked but does not know the value.
Temporarily Unknown | There is reason to expect (from the workflow) that the value may become known.
Not Asked | The workflow didn't lead to this value being known.
Asked But Declined | The source was asked but declined to answer.
Not Applicable | There is no proper value for this element (e.g. last menstrual period for a male).
Unsupported | The source system wasn't capable of supporting this element.),(Exclusion Criteria:)

This value set was imported on 1/23/2023 with a version of Latest.
Value Set Source:
https://vsac.nlm.nih.gov/valueset/2.16.840.1.113762.1.4.1240.2/expansion

Code	Code System	Code System OID	Print Name
ASKU	HL7NullFlavor	urn:oid:2.16.840.1.113883.5.1008	asked but unknown
INV	HL7NullFlavor	urn:oid:2.16.840.1.113883.5.1008	invalid
NA	HL7NullFlavor	urn:oid:2.16.840.1.113883.5.1008	not applicable
NASK	HL7NullFlavor	urn:oid:2.16.840.1.113883.5.1008	not asked
NAV	HL7NullFlavor	urn:oid:2.16.840.1.113883.5.1008	temporarily unavailable
NI	HL7NullFlavor	urn:oid:2.16.840.1.113883.5.1008	NoInformation
UNK	HL7NullFlavor	urn:oid:2.16.840.1.113883.5.1008	unknown

Table 44: Care Experience Preferences at End of Life Grouping

Value Set: Care Experience Preferences at End of Life Grouping urn:oid:2.16.840.1.113762.1.4.1115.11

(Clinical Focus: This value set includes concepts representing an individual's care experience preferences at end of life which can be expressed by the individual in his or her advance care plan),(Data Element Scope: The intent of this value set is to identify personal care experience preferences that may be relevant and could be considered by clinicians when making a treatment/care plan for the person.),(Inclusion Criteria: Include member value sets for Care Experience Preferences at End of Life for LOINC and SNOMED CT.),(Exclusion Criteria: None.)

This value set was imported on 1/23/2023 with a version of Latest.
Value Set Source:
https://vsac.nlm.nih.gov/valueset/2.16.840.1.113762.1.4.1115.11/expansion

Code	Code System	Code System OID	Print Name
75775-7	LOINC	urn:oid:2.16.840.1.113883.6.1	Decision to inform doctors and nurses about the role religion, faith, culture, or spirituality play in my life [Reported]
75793-0	LOINC	urn:oid:2.16.840.1.113883.6.1	Other directives that have not otherwise been documented [Reported]
81359-2	LOINC	urn:oid:2.16.840.1.113883.6.1	Near death thoughts and feelings to be shared [Reported]
81360-0	LOINC	urn:oid:2.16.840.1.113883.6.1	My likes and joys [Reported]
81361-8	LOINC	urn:oid:2.16.840.1.113883.6.1	Things that make me laugh [Reported]
81362-6	LOINC	urn:oid:2.16.840.1.113883.6.1	My dislikes and fears [Reported]
81363-4	LOINC	urn:oid:2.16.840.1.113883.6.1	Things that matter to me [Reported]
81364-2	LOINC	urn:oid:2.16.840.1.113883.6.1	Religious or cultural beliefs [Reported]
81365-9	LOINC	urn:oid:2.16.840.1.113883.6.1	Religious or cultural affiliation contact to notify [Reported]
81366-7	LOINC	urn:oid:2.16.840.1.113883.6.1	Unfinished business [Reported]

Table 45: PADIClauseTypeVS

Value Set: PADIClauseTypeVS urn:oid:2.16.840.1.113762.1.4.1115.14

(Clinical Focus: Used to represent the type of clause included.),(Data Element Scope:),(Inclusion Criteria:),(Exclusion Criteria:)

This value set was imported on 1/23/2023 with a version of Latest.

Value Set Source:
https://vsac.nlm.nih.gov/valueset/2.16.840.1.113762.1.4.1115.14/expansion

Code	Code System	Code System OID	Print Name
81368-3	LOINC	urn:oid:2.16.840.1.113883.6.1	Statement of witness [Reported]
81381-6	LOINC	urn:oid:2.16.840.1.113883.6.1	Administrative information associated with this personal advance care plan
81382-4	LOINC	urn:oid:2.16.840.1.113883.6.1	Statement of document creator [Reported]

Table 46: StateValueSet

Value Set: StateValueSet urn:oid:2.16.840.1.113883.3.88.12.80.1
Identifies addresses within the United States are recorded using the FIPS 5-2 two-letter alphabetic codes for the State, District of Columbia, or an outlying area of the United States or associated area
Value Set Source: **https://ushik.ahrq.gov/ViewItemDetails?system=mdr&itemKey=86669000**

Code	Code System	Code System OID	Print Name
AL	FIPS 5-2 (State)	urn:oid:2.16.840.1.113883.6.92	Alabama
AK	FIPS 5-2 (State)	urn:oid:2.16.840.1.113883.6.92	Alaska
AZ	FIPS 5-2 (State)	urn:oid:2.16.840.1.113883.6.92	Arizona
AR	FIPS 5-2 (State)	urn:oid:2.16.840.1.113883.6.92	Arkansas
CA	FIPS 5-2 (State)	urn:oid:2.16.840.1.113883.6.92	California
CO	FIPS 5-2 (State)	urn:oid:2.16.840.1.113883.6.92	Colorado
CT	FIPS 5-2 (State)	urn:oid:2.16.840.1.113883.6.92	Connecticut
DE	FIPS 5-2 (State)	urn:oid:2.16.840.1.113883.6.92	Delaware
DC	FIPS 5-2 (State)	urn:oid:2.16.840.1.113883.6.92	District of Columbia
FL	FIPS 5-2 (State)	urn:oid:2.16.840.1.113883.6.92	Florida
GA	FIPS 5-2 (State)	urn:oid:2.16.840.1.113883.6.92	Georgia
OK	FIPS 5-2 (State)	urn:oid:2.16.840.1.113883.6.92	Oklahoma
HI	FIPS 5-2 (State)	urn:oid:2.16.840.1.113883.6.92	Hawaii
ID	FIPS 5-2 (State)	urn:oid:2.16.840.1.113883.6.92	Idaho
IL	FIPS 5-2 (State)	urn:oid:2.16.840.1.113883.6.92	Illinois
IN	FIPS 5-2 (State)	urn:oid:2.16.840.1.113883.6.92	Indiana
IA	FIPS 5-2 (State)	urn:oid:2.16.840.1.113883.6.92	Iowa
KS	FIPS 5-2 (State)	urn:oid:2.16.840.1.113883.6.92	Kansas
KY	FIPS 5-2 (State)	urn:oid:2.16.840.1.113883.6.92	Kentucky
LA	FIPS 5-2 (State)	urn:oid:2.16.840.1.113883.6.92	Louisiana
...			

Table 47: Healthcare Agent or Proxy Choices

Value Set: Healthcare Agent or Proxy Choices urn:oid:2.16.840.1.113762.1.4.1046.35

(Clinical Focus: This value set identifies the healthcare agent or proxy roles that individuals commonly designate to empower surrogates to make medical treatment and care decisions when the individual is unable to effectively communicate with medical personnel or requires assistance with decision making.),(Data Element Scope: The intent of this value set is to identify the questions used to determine an individual's choices for a healthcare agent or proxy, including the designation of surrogates.),(Inclusion Criteria: The value set is defined by this list of concepts.),(Exclusion Criteria: n/a)

This value set was imported on 1/23/2023 with a version of Latest.

Value Set Source:
https://vsac.nlm.nih.gov/valueset/2.16.840.1.113762.1.4.1046.35/expansion

Code	Code System	Code System OID	Print Name
75783-1	LOINC	urn:oid:2.16.840.1.113883.6.1	Primary healthcare agent [Reported]
75784-9	LOINC	urn:oid:2.16.840.1.113883.6.1	First alternate healthcare agent [Reported]
75785-6	LOINC	urn:oid:2.16.840.1.113883.6.1	Second alternate healthcare agent [Reported]
81335-2	LOINC	urn:oid:2.16.840.1.113883.6.1	Patient Healthcare agent
81343-6	LOINC	urn:oid:2.16.840.1.113883.6.1	Healthcare agent advisor [Reported]

Table 48: Healthcare Agent Powers or Limitations Indicator

Value Set: Healthcare Agent Powers or Limitations Indicator urn:oid:2.16.840.1.113762.1.4.1115.13

(Clinical Focus: Codes indicating if the information represents powers or limitations of a healthcare agent.),(Data Element Scope: The code is used in the code element of an Observation in CDA, or a scope element within a FHIR Consent resource.),(Inclusion Criteria: Include only the concepts for powers granted to healthcare agent and limitations placed on healthcare agent.),(Exclusion Criteria: Do not include concepts for the role of Patient Healthcare agent or the role of Healthcare agent advisor.)

This value set was imported on 11/23/2022 with a version of Latest.

Value Set Source:
https://vsac.nlm.nih.gov/valueset/2.16.840.1.113762.1.4.1115.13/expansion

Code	Code System	Code System OID	Print Name
75786-4	LOINC	urn:oid:2.16.840.1.113883.6.1	Powers granted to healthcare agent [Reported]
81346-9	LOINC	urn:oid:2.16.840.1.113883.6.1	Limitations placed on healthcare agent [Reported]

Table 49: Health Goals at End of Life Grouping

Value Set: Health Goals at End of Life Grouping urn:oid:2.16.840.1.113762.1.4.1115.7

(Clinical Focus: This value set includes concepts representing an individual's goals at end of life which can be expressed by the individual in his or her advance care plan.),(Data Element Scope: The intent of this value set is to identify personal goals that may be relevant and could be considered by clinicians when making a treatment/care plan for the person.),(Inclusion Criteria: Include member value sets for Health Goals at end of life for LOINC and SNOMED CT.),(Exclusion Criteria: None.)

This value set was imported on 1/23/2023 with a version of Latest.
Value Set Source:
https://vsac.nlm.nih.gov/valueset/2.16.840.1.113762.1.4.1115.7/expansion

Code	Code System	Code System OID	Print Name
87528-6	LOINC	urn:oid:2.16.840.1.113883.6.1	Personal health goal

Table 50: Intervention Preferences at End of Life Grouping

Value Set: Intervention Preferences at End of Life Grouping urn:oid:2.16.840.1.113762.1.4.1115.9

(Clinical Focus: This value set includes concepts representing an individual's intervention preferences at end of life which can be expressed by the individual in his or her advance care plan.),(Data Element Scope: The intent of this value set is to identify personal intervention preferences that may be relevant and could be considered by clinicians when making a treatment/care plan for the person.),(Inclusion Criteria: Include member value sets for Intervention Preferences at End of Life for LOINC and SNOMED CT.),(Exclusion Criteria: None.)

This value set was imported on 8/15/2023 with a version of Latest.
Value Set Source:
https://vsac.nlm.nih.gov/valueset/2.16.840.1.113762.1.4.1115.9/expansion

Code	Code System	Code System OID	Print Name
75776-5	LOINC	urn:oid:2.16.840.1.113883.6.1	Preference on consulting a supportive and palliative care team to help treat physical, emotional, and spiritual discomfort and support family [Reported]
75779-9	LOINC	urn:oid:2.16.840.1.113883.6.1	Thoughts on cardiopulmonary resuscitation (CPR) [Reported]
75780-7	LOINC	urn:oid:2.16.840.1.113883.6.1	Preferred location to spend final days if possible to choose [Reported]
75781-5	LOINC	urn:oid:2.16.840.1.113883.6.1	Thoughts on organ and tissue donations [Reported]
75787-2	LOINC	urn:oid:2.16.840.1.113883.6.1	Advance directive - request for intubation
75788-0	LOINC	urn:oid:2.16.840.1.113883.6.1	Advance directive - request for tube feeding
75789-8	LOINC	urn:oid:2.16.840.1.113883.6.1	Advance directive - request for life support
75790-6	LOINC	urn:oid:2.16.840.1.113883.6.1	Advance directive - request for IV fluid and support
75791-4	LOINC	urn:oid:2.16.840.1.113883.6.1	Advance directive - request for antibiotics
75792-2	LOINC	urn:oid:2.16.840.1.113883.6.1	Advance directive - request for resuscitation that differs from cardiopulmonary resuscitation
75793-0	LOINC	urn:oid:2.16.840.1.113883.6.1	Other directives that have not otherwise been documented [Reported]
77352-3	LOINC	urn:oid:2.16.840.1.113883.6.1	Thoughts on artificial

			nutrition and hydration [Reported]
81329-5	LOINC	urn:oid:2.16.840.1.113883.6.1	Thoughts on resuscitation [Reported]
81330-3	LOINC	urn:oid:2.16.840.1.113883.6.1	Thoughts on intubation [Reported]
81331-1	LOINC	urn:oid:2.16.840.1.113883.6.1	Thoughts on tube feeding [Reported]
81332-9	LOINC	urn:oid:2.16.840.1.113883.6.1	Thoughts on IV fluid and support [Reported]
81333-7	LOINC	urn:oid:2.16.840.1.113883.6.1	Thoughts on antibiotics [Reported]
81349-3	LOINC	urn:oid:2.16.840.1.113883.6.1	Thoughts on life-sustaining procedures if pregnant [Reported]
81350-1	LOINC	urn:oid:2.16.840.1.113883.6.1	Thoughts on pain management [Reported]
81353-5	LOINC	urn:oid:2.16.840.1.113883.6.1	Thoughts on hastening death [Reported]
...			

Table 51: AD Conditions and Prognosis Scenarios

Value Set: AD Conditions and Prognosis Scenarios urn:oid:2.16.840.1.113762.1.4.1115.23

(Clinical Focus: These are clinical scenarios where the condition and prognosis is relevant for considering a person's Advance Directives. They are future possible scenarios that may or may not come to pass for the individual, but which the individual my want to have their preferences documented to be prepared.),(Data Element Scope:),(Inclusion Criteria:),(Exclusion Criteria:)

This value set was imported on 9/7/2023 with a version of Latest.

Value Set Source:
https://vsac.nlm.nih.gov/valueset/2.16.840.1.113762.1.4.1115.23/expansion

Code	Code System	Code System OID	Print Name
75777-3	LOINC	urn:oid:2.16.840.1.113883.6.1	Information to tell doctors if my health deteriorates due to a terminal illness and I am unable to interact meaningfully with family, friends, or surroundings [Reported]
75778-1	LOINC	urn:oid:2.16.840.1.113883.6.1	Information to tell doctors if I have a severe, irreversible brain injury or illness and can't dress, feed, or bathe myself, or communicate my medical wishes, but can be kept alive [Reported]

Table 52: Upon Death Preferences

Value Set: Upon Death Preferences urn:oid:2.16.840.1.113762.1.4.1115.15

(Clinical Focus: This value set includes concepts representing an individual's preferences of treatment.),(Data Element Scope:),(Inclusion Criteria:),(Exclusion Criteria:)

This value set was imported on 8/29/2023 with a version of Latest.

Value Set Source:
https://vsac.nlm.nih.gov/valueset/2.16.840.1.113762.1.4.1115.15/expansion

Code	Code System	Code System OID	Print Name
75793-0	LOINC	urn:oid:2.16.840.1.113883.6.1	Other directives that have not otherwise been documented [Reported]
81356-8	LOINC	urn:oid:2.16.840.1.113883.6.1	Death arrangements [Reported]
81357-6	LOINC	urn:oid:2.16.840.1.113883.6.1	Messages to be delivered after death [Reported]
81358-4	LOINC	urn:oid:2.16.840.1.113883.6.1	Person(s) to notify upon death [Reported]
81364-2	LOINC	urn:oid:2.16.840.1.113883.6.1	Religious or cultural beliefs [Reported]
81365-9	LOINC	urn:oid:2.16.840.1.113883.6.1	Religious or cultural affiliation contact to notify [Reported]
81366-7	LOINC	urn:oid:2.16.840.1.113883.6.1	Unfinished business [Reported]

Table 53: Witness Categories

Value Set: Witness Categories urn:oid:2.16.840.1.113762.1.4.1115.21

(Clinical Focus: These concepts categorize as Witness as being a First, Second, or Third Witness),(Data Element Scope: Witness),(Inclusion Criteria:),(Exclusion Criteria:)

This value set was imported on 8/15/2023 with a version of Latest.

Value Set Source:
https://vsac.nlm.nih.gov/valueset/2.16.840.1.113762.1.4.1115.21/expansion

Code	Code System	Code System OID	Print Name
81369-1	LOINC	urn:oid:2.16.840.1.113883.6.1	First witness
81370-9	LOINC	urn:oid:2.16.840.1.113883.6.1	Second witness
81371-7	LOINC	urn:oid:2.16.840.1.113883.6.1	Third witness

6   CODE SYSTEMS IN THIS GUIDE

Table 54: Code Systems

Name	OID
Administrative Gender	urn:oid:2.16.840.1.113883.5.1
FIPS 5-2 (State)	urn:oid:2.16.840.1.113883.6.92
HL7ActClass	urn:oid:2.16.840.1.113883.5.6
HL7ActCode	urn:oid:2.16.840.1.113883.5.4
HL7ActMood	urn:oid:2.16.840.1.113883.5.1001
HL7ActRelationshipType	urn:oid:2.16.840.1.113883.5.1002
HL7ActStatus	urn:oid:2.16.840.1.113883.5.14
HL7LanguageAbilityMode	urn:oid:2.16.840.1.113883.5.60
HL7LanguageAbilityProficiency	urn:oid:2.16.840.1.113883.5.61
HL7MaritalStatus	urn:oid:2.16.840.1.113883.5.2
HL7NullFlavor	urn:oid:2.16.840.1.113883.5.1008
HL7ParticipationType	urn:oid:2.16.840.1.113883.5.90
HL7ReligiousAffiliation	urn:oid:2.16.840.1.113883.5.1076
HL7RoleClass	urn:oid:2.16.840.1.113883.5.110
HL7RoleCode	urn:oid:2.16.840.1.113883.5.111
Language	urn:oid:2.16.840.1.113883.6.121
LOINC	urn:oid:2.16.840.1.113883.6.1
Media Type	urn:oid:2.16.840.1.113883.5.79
ProvenanceParticipantType	urn:oid:2.16.840.1.113883.4.642.4.1131
Race & Ethnicity - CDC	urn:oid:2.16.840.1.113883.6.238
SNOMED CT	urn:oid:2.16.840.1.113883.6.96

7   CHANGES FROM PREVIOUS VERSION

7.1   Personal Advance Care Plan Document

Personal Advance Care Plan Document (urn:hl7ii:2.16.840.1.113883.4.823.1.1.1:2023-08-28)

Change	Old	New
Status	Published	Draft
Oid	urn:hl7ii:2.16.840.1.113883.4.823.1.1.1:2022-03-25	urn:hl7ii:2.16.840.1.113883.4.823.1.1.1:2023-08-28

Description	This template is used to create a person generated document which is authored by the subject of the document (the recordTarget). It contains information about the person's goals, preferences, and priorities (GPPs) for care and treatment under potential future conditions.
	
	The document may contain a structured body, or it may contain a non-xml body that includes the advance care plan information by reference to a document with a supported file format or by embedding the information.
	
	The design of this document template takes into consideration the design of the Advance Directives Section template used in Clinical Summary Documents. Information within the Advance Directives Section of a Clinical Summary is intended to reference a PACP document and its content.
		This template is used to create a person generated document which is authored by the subject of the document (the recordTarget). It contains information about the person's goals, preferences, and priorities (GPPs) for care and treatment under potential future conditions.
		
		The document may contain a structured body, or it may contain a non-xml body that includes the personal advance care plan information by reference to a document with a supported file format or by embedding the information.
		
		The design of this document template takes into consideration the design of the Advance Directives Section template used in Clinical Summary Documents. Information within the Advance Directives Section of a Clinical Summary is intended to reference a PACP document and its content.
		
		Format Codes for these types of documents are as follows:
		
		  Code: urn:hl7-org:sdwg:pacp-structuredBody:1.3.1
		   System: http://terminology.hl7.org/CodeSystem/v3-HL7DocumentFormatCodes
		   Display: pacp-structuredBody:1.3.1
		   Definition: PACP 1.3.1 constraints using a structured body

Change	Old	New
		Code: urn:hl7-org:sdwg:pacp-nonXMLBody:1.3.1 System: http://terminology.hl7.org/CodeSystem/v3-HL7DocumentFormatCodes Display: pacp-nonXMLBody:1.3.1 Definition: PACP 1.3.1 constraints using a non structured body
Implied Template	Personal Advance Care Plan Header (urn:hl7ii:2.16.840.1.113883.4.823.1.2.1:2022-03-25)	
CONF #: 5547-32997 Modified	The structuredBody, if present, SHOULD contain zero or one [0..1] component (CONF:4525-32997) such that it	The structuredBody, if present, SHALL contain exactly one [1..1] component (CONF:5547-32997) such that it
CONF #: 5547-32946 Modified	SHALL contain exactly one [1..1] @extension="2022-03-25" (CONF:4525-32946).	SHALL contain exactly one [1..1] @extension="2023-08-28" (CONF:5547-32946).
CONF #: 5547-33339 Modified	This code SHALL contain exactly one [1..1] @code (ValueSet: Advance Directives Categories urn:oid:2.16.840.1.113883.11.20.9.69.4 DYNAMIC) (CONF:4525-33339).	This code SHALL contain exactly one [1..1] @code, which SHALL be selected from ValueSet Personal Advance Directive Document Types urn:oid:2.16.840.1.113762.1.4.1115.22 DYNAMIC (CONF:5547-33339).
CONF #: 5547-33640 Modified	The structuredBody, if present, SHOULD contain zero or one [0..1] component (CONF:4525-33640) such that it	The structuredBody, if present, MAY contain zero or one [0..1] component (CONF:5547-33640) such that it
CONF #: 5547-33642 Modified	The structuredBody, if present, SHOULD contain zero or one [0..1] component (CONF:4525-33642) such that it	The structuredBody, if present, MAY contain zero or one [0..1] component (CONF:5547-33642) such that it
CONF #: 5547-33644 Modified	The structuredBody, if present, SHOULD contain zero or one [0..1] component (CONF:4525-33644) such that it	The structuredBody, if present, MAY contain zero or one [0..1] component (CONF:5547-33644) such that it
CONF #: 5547-33813 Modified	The structuredBody, if present, SHOULD contain zero or one [0..1] component (CONF:4525-33813) such that it	The structuredBody, if present, MAY contain zero or one [0..1] component (CONF:5547-33813) such that it

7.2   Personal Advance Care Plan Header
Personal Advance Care Plan Header (urn:hl7ii:2.16.840.1.113883.4.823.1.2.1:2023-08-28)

Change	Old	New
Status	Published	Draft
Oid	urn:hl7ii:2.16.840.1.113883.4.823.1.2.1:2022-03-25	urn:hl7ii:2.16.840.1.113883.4.823.1.2.1:2023-08-28
CONF #: 5547-32917 Modified	SHALL contain exactly one [1..1] @extension="2022-03-25" (CONF:4525-32917).	SHALL contain exactly one [1..1] @extension="2023-08-28" (CONF:5547-32917).

7.3   Authenticated Copy
Authenticated Copy (urn:hl7ii:2.16.840.1.113883.4.823.1.4.20:2022-03-25)

Change	Old	New
Status	Published	Draft
Oid	urn:hl7ii:2.16.840.1.113883.4.823.1.4.20:2022-12-16	urn:hl7ii:2.16.840.1.113883.4.823.1.4.20:2022-03-25
CONF #: 5547-33923 Modified	SHALL contain exactly one [1..1] @root="2.16.840.1.113883.4.823.1.4.13" (CONF:4525-33923).	SHALL contain exactly one [1..1] @root="2.16.840.1.113883.4.823.1.4.20" (CONF:5547-33923).

7.4   Autopsy Preference
Autopsy Preference (urn:hl7ii:2.16.840.1.113883.4.823.1.4.14:2023-08-28)

Change	Old	New
Status	Published	Draft
Name	Autopsy Observation	Autopsy Preference
Oid	urn:hl7ii:2.16.840.1.113883.4.823.1.4.14:2022-03-25	urn:hl7ii:2.16.840.1.113883.4.823.1.4.14:2023-08-28
CONF #: 5547-33247 Modified	SHALL contain exactly one [1..1] @extension="2022-03-25" (CONF:4525-33247).	SHALL contain exactly one [1..1] @extension="2023-08-28" (CONF:5547-33247).
CONF #: 5547-33776 Modified	The value, if present, SHOULD contain zero or one [0..1] originalText (CONF:4525-33776).	SHOULD contain zero or one [0..1] originalText (CONF:5547-33776).
CONF #: 5547-33780 Modified	The value, if present, SHOULD contain zero or one [0..1] reference (CONF:4525-33780).	SHOULD contain zero or one [0..1] reference (CONF:5547-33780).

7.5 DNR Observation
DNR Observation (urn:hl7ii:2.16.840.1.113883.4.823.1.4.18:2023-08-28)

Change	Old	New
Status	Published	Draft
Oid	urn:hl7ii:2.16.840.1.113883.4.823.1.4.18:2022-03-25	urn:hl7ii:2.16.840.1.113883.4.823.1.4.18:2023-08-28
CONF #: 5547-34091 Added		MAY contain zero or one [0..1] entryRelationship (CONF:5547-34091) such that it
CONF #: 5547-34092 Added		MAY contain zero or one [0..1] entryRelationship (CONF:5547-34092) such that it
CONF #: 5547-34093 Added		SHALL contain exactly one [1..1] act (CONF:5547-34093).
CONF #: 5547-34094 Added		This act SHALL contain exactly one [1..1] author (CONF:5547-34094).
CONF #: 5547-34095 Added		This author SHALL contain exactly one [1..1] assignedAuthor (CONF:5547-34095).
CONF #: 5547-34096 Added		SHALL contain exactly one [1..1] @typeCode="COMP" (CodeSystem: HL7ActRelationshipType urn:oid:2.16.840.1.113883.5.1002) (CONF:5547-34096).
CONF #: 5547-34097 Added		SHALL contain exactly one [1..1] observation, which SHALL be selected from ValueSet StateValueSet urn:oid:2.16.840.1.113883.3.88.12.80.1 DYNAMIC (CONF:5547-34097).
CONF #: 5547-34098 Added		SHALL contain exactly one [1..1] @typeCode="REFR" (CodeSystem: HL7ActRelationshipType urn:oid:2.16.840.1.113883.5.1002) (CONF:5547-34098).
CONF #: 5547-34099 Added		This act SHALL contain exactly one [1..1] code="ASSERTION" (CodeSystem: HL7ActCode urn:oid:2.16.840.1.113883.5.4) (CONF:5547-34099).
CONF #: 5547-34100 Added		This assignedAuthor SHALL contain exactly one [1..1] representedOrganization (CONF:5547-34100).
CONF #: 5547-34123 Added		This observation SHALL contain exactly one [1..1] code (CONF:5547-34123).
CONF #: 5547-34124 Added		This code SHALL contain exactly

Change	Old	New
		one [1..1] @code="92183-3" Document Type (CodeSystem: LOINC urn:oid:2.16.840.1.113883.6.1) (CONF:5547-34124).
CONF #: 5547-34125 Added		This observation SHALL contain exactly one [1..1] value="84095-9" Do not resuscitate Form (CodeSystem: LOINC urn:oid:2.16.840.1.113883.6.1) (CONF:5547-34125).
CONF #: 5547-34126 Added		MAY contain zero or one [0..1] entryRelationship (CONF:5547-34126) such that it
CONF #: 5547-34127 Added		SHALL contain exactly one [1..1] observation (CONF:5547-34127).
CONF #: 5547-34128 Added		This observation SHALL contain exactly one [1..1] code (CONF:5547-34128).
CONF #: 5547-34129 Added		SHALL contain exactly one [1..1] @typeCode="COMP" (CodeSystem: HL7ActRelationshipType urn:oid:2.16.840.1.113883.5.1002) (CONF:5547-34129).
CONF #: 5547-34130 Added		This code SHALL contain exactly one [1..1] @code="101349-9" Jurisdiction where advance directive is accepted [Location] (CodeSystem: LOINC urn:oid:2.16.840.1.113883.6.1) (CONF:5547-34130).
CONF #: 5547-34131 Added		This observation SHALL contain exactly one [1..1] value, which SHALL be selected from ValueSet StateValueSet urn:oid:2.16.840.1.113883.3.88.12.80.1 DYNAMIC (CONF:5547-34131).
CONF #: 5547-33788 Modified	SHALL contain exactly one [1..1] reference (CONF:4525-33788) such that it	MAY contain zero or more [0..*] reference (CONF:5547-33788) such that it
CONF #: 5547-33796 Modified	SHALL contain exactly one [1..1] @extension="2022-03-25" (CONF:4525-33796).	SHALL contain exactly one [1..1] @extension="2023-08-28" (CONF:5547-33796).
CONF #: 5547-33797 Modified	This code SHALL contain exactly one [1..1] @code="81351-9" (CodeSystem: LOINC urn:oid:2.16.840.1.113883.6.1) (CONF:4525-33797).	This code SHALL contain exactly one [1..1] @code="81351-9" Do Not Resuscitate, Do Not Attempt Resuscitation, or Allow Natural Death order is in place [Reported] (CodeSystem: LOINC urn:oid:2.16.840.1.113883.6.1)

Change	Old	New
		(CONF:5547-33797).

7.6 Notary Observation

Notary Observation (urn:hl7ii:2.16.840.1.113883.4.823.1.4.13:2023-08-28)

Change	Old	New
Status	Published	Draft
Oid	urn:hl7ii:2.16.840.1.113883.4.823.1.4.13:2022-03-25	urn:hl7ii:2.16.840.1.113883.4.823.1.4.13:2023-08-28
Description	This template is used to represent an individual who notarizes the signing of the advance directive document. The notary is there to confirm the identity of the testator (person making the advance directive document) before they sign the document as the author. A notary is an authenticator for the document. If the notary digitally signs the document, the digital signature information is recorded in the notary's authenticator block in the header. | Meaning | Template | Observation.code | Participation.type | Participant RoleCode | |--|--------------------|-----------------------|--------------------------|----------------------| | A notary public who notarized the person's signature act | Notary Observation | ASSERTION HL7ActCode | WIT ParticipationType | NOT RoleClass |	This template is used to represent an individual who notarizes the signing of the advance directive document. The notary is there to confirm the identity of the testator (person making the advance directive document) before they sign the document as the author. A notary is an authenticator for the document. If the notary digitally signs the document, the digital signature information is recorded in the notary's authenticator block in the header. | Meaning | Template | Observation.code | Participation.type | Participant RoleCode | |--|--------------------|-----------------------|--------------------------|----------------------| | A notary public who notarized the person's signature act | Notary Observation | 81372-5 LOINC | WIT ParticipationType | NOT RoleClass |
CONF #: 5547-34077 Added		Such addrs SHALL contain exactly one [1..1] state (CONF:5547-34077). Note: Note: the State holds the State of Commission for the Notary.
CONF #: 5547-34078 Added		Such addrs MAY contain zero or one [0..1] county (CONF:5547-34078). Note: The County holds the County of Commission for the Notary.
CONF #: 4525-33946 Removed	SHOULD contain zero or one [0..1] entryRelationship (CONF:4525-33946) such that it	

Change	Old	New
CONF #: 4525-33947 Removed	SHALL contain exactly one [1..1] observation (CONF:4525-33947).	
CONF #: 4525-33948 Removed	This observation SHALL contain exactly one [1..1] text (CONF:4525-33948).	
CONF #: 4525-33949 Removed	This text SHALL contain exactly one [1..1] reference (CONF:4525-33949).	
CONF #: 4525-33950 Removed	This reference SHALL contain exactly one [1..1] @value (CONF:4525-33950).	
CONF #: 4525-33951 Removed	SHALL contain exactly one [1..1] @typeCode="COMP" (CONF:4525-33951).	
CONF #: 4525-33952 Removed	This observation SHALL contain exactly one [1..1] code="81373-3" Notary commission expiration date (CodeSystem: LOINC urn:oid:2.16.840.1.113883.6.1) (CONF:4525-33952).	
CONF #: 4525-33953 Removed	This reference/@value **SHALL** begin with a '#' and **SHALL** point to its corresponding narrative (using the approach defined in CDA R2.0, section 4.3.5.1) (CONF:4525-33953).	
CONF #: 4525-33954 Removed	This effectiveTime element holds the commission expiration date for the notary. This observation SHALL contain exactly one [1..1] effectiveTime (CONF:4525-33954).	
CONF #: 4525-33955 Removed	This element holds the commission state for the notary. This observation SHALL contain exactly one [1..1] value with @xsi:type="CD", where the code SHALL be selected from ValueSet StateValueSet urn:oid:2.16.840.1.113883.3.88.12.80.1 DYNAMIC (CONF:4525-33955).	
CONF #: 5547-33622 Modified	SHALL contain exactly one [1..1] @extension="2022-03-25" (CONF:4525-33622).	SHALL contain exactly one [1..1] @extension="2023-08-28" (CONF:5547-33622).
CONF #: 5547-33625 Modified	This code SHALL contain exactly one [1..1] @codeSystem="2.16.840.1.113883.5.4" (CONF:4525-33625).	This code SHALL contain exactly one [1..1] @codeSystem="2.16.840.1.113883.6.1" (CONF:5547-33625).
CONF #: 5547-33904 Modified	This participantRole SHOULD contain at least one [1..*] addr	This participantRole SHALL contain at least one [1..*] addr

Change	Old	New
	(CONF:4525-33904).	(CONF:5547-33904).

7.7   Organ Donation Preference

Organ Donation Preference (urn:hl7ii:2.16.840.1.113883.4.823.1.4.12:2023-08-28)

Change	Old	New
Status	Published	Draft
Name	Organ Donation Observation	Organ Donation Preference
Oid	urn:hl7ii:2.16.840.1.113883.4.823.1.4.12:2022-03-25	urn:hl7ii:2.16.840.1.113883.4.823.1.4.12:2023-08-28
CONF #: 5547-33223 Modified	SHALL contain exactly one [1..1] @extension="2022-03-25" (CONF:4525-33223).	SHALL contain exactly one [1..1] @extension="2023-08-28" (CONF:5547-33223).
CONF #: 5547-33717 Modified	The value, if present, SHOULD contain zero or one [0..1] originalText (CONF:4525-33717).	SHOULD contain zero or one [0..1] originalText (CONF:5547-33717).
CONF #: 5547-33720 Modified	The value, if present, SHOULD contain zero or one [0..1] reference (CONF:4525-33720).	SHOULD contain zero or one [0..1] reference (CONF:5547-33720).

7.8 Personal Intervention Preference

Personal Intervention Preference (urn:hl7ii:2.16.840.1.113883.4.823.1.4.5:2023-08-28)

Change	Old	New
Status	Published	Draft
Oid	urn:hl7ii:2.16.840.1.113883.4.823.1.4.5:2022-03-25	urn:hl7ii:2.16.840.1.113883.4.823.1.4.5:2023-08-28
Description	This template is used to represent a personal preference for a type of medical intervention (treatment). Preferences are thoughts (observations) and have a moodCode of INT to indicate that the statement represents the person's intention. The observation has a "future orientation." It has many similarities to the C-CDA Planned Intervention Act. It uses the same intervention templates to describe the treatments the person prefers to have performed or prefers not to have performed. It does not, however, require preferences to be related to a specific goal. The structure of the template permits multiple intervention activities to be described as parts of a single planned intervention to be performed or not performed in conjunction with each other as a single action. The author is constrained to be the recordTarget. To avoid confusion, negationInd is not permitted to be used on the preference act. All preferences are positive assertions. When the preference is for a particular treatment NOT to be performed, negationInd is used on the act within the preference statement. This template was designed to identify several parts of a complex statement. The statement pattern includes a precondition which describes a health condition state that needs to be present in order for this preference to apply. It also	This template is used to represent the actual medical treatment(s) which would be preferred or not. It is intended to be used in the context of the more complex clinical statement pattern for representing personal intervention preferences under a specific health scenario. If the preference is to NOT have the included medical treatment, negationInd is used to represent the semantics. While the medical treatment can be a coded concept, the precondition is expressed as narrative text to allow a person to articulate personal preferences that likely will not be available as coded concepts. To avoid confusion, negationInd is not permitted to be used on the preference act. All preferences are positive assertions. When the preference is for a particular treatment NOT to be performed, negationInd is used on the act within the preference statement. To avoid confusion, negationInd is not permitted to be used on the preference act. All preferences are positive assertions. When the preference is for a particular treatment NOT to be performed, negationInd is used on the act within the preference statement. The nested templates use to express the intervention that is preferred or not preferred uses codes that align with the Obligation or Prohibition Instruction Types specified in the Advance Directives Supplement for C-CDA. That value set is identified as https://vsac.nlm.nih.gov/valueset

Change	Old	New
	includes the actual medical treatment which is preferred or not under that circumstance. If the preference is to NOT have the included medical treatment, negationInd is used to represent the semantics. While the medical treatment can be a coded concept, the precondition is expressed as narrative text to allow a person to articulate personal preferences that likely will not be available as coded concepts. The nested templates use to express the intervention that is preferred or not preferred should use codes that align with the Obligation or Prohibition Instruction Types specified in the Advance Directives Supplement for C-CDA. That value set is identified as https://vsac.nlm.nih.gov/valueset/2.16.840.1.113883.11.20.9.69.17/expansion Understanding a person's treatment preferences requires, by design, human to human communication where the documented preferences and preconditions should be read and interpreted by clinicians. The entry was designed to facilitate finding the content more quickly, not to avoid the need for human processing of the information. This template also was designed with the intention to support other types of personal intervention preferences in the future through the use of other or expanded value sets. This should be encouraged, should designers consider creating a larger family of various different personal intervention preference clinical statement patterns. For Future Consideration: Given that FHIR handles negation differently than CDA, there may be benefit to aligning the two approaches. Implementers should	/2.16.840.1.113883.11.20.9.69.17/expansion Understanding a person's treatment preferences requires, by design, human to human communication where the documented preferences and preconditions should be read and interpreted by clinicians. The entry was designed to facilitate finding the content more quickly, not to avoid the need for human processing of the information. This template also was designed with the intention to support other types of personal intervention preferences in the future through the use of other or expanded value sets. This should be encouraged, should designers consider creating a larger family of various different personal intervention preference clinical statement patterns. For Future Consideration: Given that FHIR handles negation differently than CDA, there may be benefit to aligning the two approaches. Implementers should continue to question if the negation notion in this template could be expressed in an entry relationship to an observation about "intentionality" and then the value of the intentionality observation could be "for" or "against" the intervention.

Change	Old	New
	continue to question if the negation notion in this template could be expressed in an entry relationship to an observation about "intentionality" and then the value of the intentionality observation could be "for" or "against" the intervention.	
CONF #: 4525-32673 Removed	An Intervention Act references a Goal Observation in order to indicate the reason for doing the intervention. If the Goal Observation is already described in the CDA document, rather than repeating the full content of the Goal Observation, the Entry Reference template can be used to reference this entry by id MAY contain zero or one [0..1] entryRelationship (CONF:4525-32673) such that it	
CONF #: 4525-32721 Removed	SHALL contain exactly one [1..1] act (CONF:4525-32721).	
CONF #: 4525-32766 Removed	MAY contain zero or more [0..*] reference (CONF:4525-32766).	
CONF #: 4525-32768 Removed	The reference, if present, SHALL contain exactly one [1..1] externalDocument (CONF:4525-32768).	
CONF #: 4525-33404 Removed	This externalDocument MAY contain zero or one [0..1] text (CONF:4525-33404).	
CONF #: 4525-33405 Removed	The text, if present, MAY contain zero or one [0..1] reference (CONF:4525-33405).	
CONF #: 4525-33328 Removed	SHOULD contain zero or more [0..*] author (CONF:4525-33328).	
CONF #: 4525-33304 Removed	MAY contain zero or one [0..1] precondition (CONF:4525-33304). Note: Treat separate preconditions as "OR". If "AND" is intended, group the criteria in a single precondition.	
CONF #: 4525-33543 Removed	The precondition, if present, SHALL contain exactly one [1..1] criterion (CONF:4525-33543).	
CONF #: 4525-32720 Removed	SHALL contain exactly one [1..1] @typeCode="RSON" Has reason (CodeSystem: HL7ActRelationshipType	

Change	Old	New
	urn:oid:2.16.840.1.113883.5.1002) (CONF:4525-32720).	
CONF #: 4525-33408 Removed	The reference, if present, MAY contain zero or one [0..1] @value (CONF:4525-33408). Note: This @value represents the URL of the referenced document.	
CONF #: 4525-33409 Removed	If a URL is referenced, then it **SHOULD** have a corresponding linkHTML element in narrative block (CONF:4525-33409).	
CONF #: 4525-33407 Removed	This externalDocument SHALL contain at least one [1..*] id (CONF:4525-33407).	
CONF #: 4525-32767 Removed	The reference, if present, SHALL contain exactly one [1..1] @typeCode="REFR" Refers to (CodeSystem: HL7ActRelationshipType urn:oid:2.16.840.1.113883.5.1002) (CONF:4525-32767).	
CONF #: 4525-32723 Removed	SHOULD contain zero or one [0..1] effectiveTime (CONF:4525-32723).	
CONF #: 4525-33544 Removed	This criterion MAY contain zero or one [0..1] code (ValueSet: Problem urn:oid:2.16.840.1.113883.3.88.12.3221.7.4 DYNAMIC) (CONF:4525-33544).	
CONF #: 5547-32912 Modified	SHALL contain exactly one [1..1] @extension="2022-03-25" (CONF:4525-32912).	SHALL contain exactly one [1..1] @extension="2023-08-28" (CONF:5547-32912).

7.9   Personal Priorities Organizer

Personal Priorities Organizer (urn:hl7ii:2.16.840.1.113883.4.823.1.4.7:2023-08-28)

Change	Old	New
Status	Published	Draft
Oid	urn:hl7ii:2.16.840.1.113883.4.823.1.4.7:2022-03-25	urn:hl7ii:2.16.840.1.113883.4.823.1.4.7:2023-08-28
CONF #: 5547-33037 Modified	SHALL contain exactly one [1..1] @extension="2022-03-25" (CONF:4525-33037).	SHALL contain exactly one [1..1] @extension="2023-08-28" (CONF:5547-33037).

7.10 PMO Observation
PMO Observation (urn:hl7ii:2.16.840.1.113883.4.823.1.4.8:2023-08-28)

Change	Old	New
Status	Published	Draft
Name	MOLST Observation	PMO Observation
Oid	urn:hl7ii:2.16.840.1.113883.4.823.1.4.8:2020-06-10	urn:hl7ii:2.16.840.1.113883.4.823.1.4.8:2023-08-28
Description	This template is used to indicate if a person has a MOLST (Medical Order for Life Sustaining Treatment) or POLST (Portable Medical Order; https://polst.org/program-names). Each state has its own program for POLST. This observation does not indicate what orders are included in the MOLST or POLST. If a MOLST or POLST exists, the template includes a reference structure that can be used to point to the MOLST or POLST document. The MOLST or POLST is not a patient generated document. It is authored by a physician at the request of the person. These portable medical orders are recognized in certain states. The orders specify the types of treatments that shall and shall not be performed to sustain the person's life. These orders likely align with the person's personal intervention preferences, but the orders are not the same thing as the individual's personal goals, preferences and priorities for care.	This template is used to indicate if a person has a portable medical order (PMO). Historically, portable medical orders have gone by a variety of acronyms such as, MOLST (Medical Order for Life Sustaining Treatment) or POLST (Portable Medical Order; https://polst.org/program-names). Each state has its own program for portable medical orders. This observation does not indicate what orders are included in the PMO, MOLST or POLST. If a PMO, MOLST or POLST exists, the template includes a reference structure that can be used to point to the document containing the portable physician orders. A PMO, MOLST or POLST is not a patient generated document. It is authored by a physician at the request of the person. These portable medical orders are recognized in certain states. The orders specify the types of treatments that shall and shall not be performed to sustain the person's life. These orders likely align with the person's personal intervention preferences, but the orders are not the same thing as the individual's personal goals, preferences and priorities for care.
CONF #: 5547-34101 Added		MAY contain zero or more [0..*] entryRelationship (CONF:5547-34101) such that it
CONF #: 5547-34102 Added		MAY contain zero or more [0..*] entryRelationship (CONF:5547-34102) such that it
CONF #: 5547-34103 Added		SHALL contain exactly one [1..1] act (CONF:5547-34103).

Change	Old	New
CONF #: 5547-34104 Added		This act SHALL contain exactly one [1..1] author (CONF:5547-34104).
CONF #: 5547-34105 Added		This author SHALL contain exactly one [1..1] assignedAuthor (CONF:5547-34105).
CONF #: 5547-34106 Added		SHALL contain exactly one [1..1] @typeCode="COMP" (CodeSystem: HL7ActRelationshipType urn:oid:2.16.840.1.113883.5.1002) (CONF:5547-34106).
CONF #: 5547-34107 Added		SHALL contain exactly one [1..1] observation (CONF:5547-34107).
CONF #: 5547-34108 Added		SHALL contain exactly one [1..1] @typeCode="REFR" (CodeSystem: HL7ActRelationshipType urn:oid:2.16.840.1.113883.5.1002) (CONF:5547-34108).
CONF #: 5547-34109 Added		This act SHALL contain exactly one [1..1] code="ASSERTION" (CodeSystem: HL7ActCode urn:oid:2.16.840.1.113883.5.4) (CONF:5547-34109).
CONF #: 5547-34110 Added		This assignedAuthor SHALL contain exactly one [1..1] representedOrganization (CONF:5547-34110).
CONF #: 5547-34115 Added		This observation SHALL contain exactly one [1..1] code (CONF:5547-34115).
CONF #: 5547-34116 Added		This code SHALL contain exactly one [1..1] @code="92183-3" Document Type (CodeSystem: LOINC urn:oid:2.16.840.1.113883.6.1) (CONF:5547-34116).
CONF #: 5547-34117 Added		This observation SHALL contain exactly one [1..1] value="93037-0" Portable medical order form (CodeSystem: LOINC urn:oid:2.16.840.1.113883.6.1) (CONF:5547-34117).
CONF #: 5547-34118 Added		MAY contain zero or more [0..*] entryRelationship (CONF:5547-34118) such that it
CONF #: 5547-34119 Added		SHALL contain exactly one [1..1] observation (CONF:5547-34119).
CONF #: 5547-34120 Added		SHALL contain exactly one [1..1] @typeCode="COMP" (CodeSystem: HL7ActRelationshipType urn:oid:2.16.840.1.113883.5.1002)

Change	Old	New
		(CONF:5547-34120).
CONF #: 5547-34121 Added		This observation SHALL contain exactly one [1..1] code="101349-9" Jurisdiction where advance directive is accepted [Location] (CodeSystem: LOINC urn:oid:2.16.840.1.113883.6.1) (CONF:5547-34121).
CONF #: 5547-34122 Added		This observation SHALL contain exactly one [1..1] value, which SHALL be selected from ValueSet StateValueSet urn:oid:2.16.840.1.113883.3.88.12 .80.1 DYNAMIC (CONF:5547-34122).
CONF #: 4445-33468 Removed	This reference/@value **SHALL** begin with a '#' and **SHALL** point to its corresponding narrative (CONF:4445-33468).	
CONF #: 4445-33469 Removed	This reference/@value **SHALL** begin with a '#' and **SHALL** point to its corresponding narrative (using the approach defined in CDA R2.0, section 4.3.5.1) (CONF:4445-33469).	
CONF #: 5547-33123 Modified	SHALL contain exactly one [1..1] reference (CONF:4445-33123) such that it	MAY contain zero or more [0..*] reference (CONF:5547-33123) such that it
CONF #: 5547-33130 Modified	SHALL contain exactly one [1..1] @extension="2020-06-10" (CONF:4445-33130).	SHALL contain exactly one [1..1] @extension="2023-08-28" (CONF:5547-33130).
CONF #: 5547-33158 Modified	This code SHALL contain exactly one [1..1] @code="81352-7" (CodeSystem: LOINC urn:oid:2.16.840.1.113883.6.1) (CONF:4445-33158).	This code SHALL contain exactly one [1..1] @code="81352-7" Medical Order for Life-Sustaining Treatment, Physician Order for Life-Sustaining Treatment, or a similar medical order is in place [Reported] (CodeSystem: LOINC urn:oid:2.16.840.1.113883.6.1) (CONF:5547-33158).

7.11 Preference to Permit or Deny Future Changes Based on Mental Status

Preference to Permit or Deny Future Changes Based on Mental Status
(urn:hl7ii:2.16.840.1.113883.4.823.1.4.19:2023-08-28)

Change	Old	New
Status	Published	Draft
Name	Advance Directive Change Preference Observation	Preference to Permit or Deny Future Changes Based on Mental Status
Oid	urn:hl7ii:2.16.840.1.113883.4.823.1.4.19:2022-03-25	urn:hl7ii:2.16.840.1.113883.4.823.1.4.19:2023-08-28
CONF #: 5547-34132 Added		SHALL contain exactly one [1..1] externalDocument (CONF:5547-34132).
CONF #: 5547-34133 Added		This externalDocument SHALL contain at least one [1..*] id (CONF:5547-34133).
CONF #: 5547-34134 Added		This externalDocument MAY contain zero or one [0..1] text (CONF:5547-34134).
CONF #: 5547-33830 Modified	SHALL contain exactly one [1..1] @extension="2022-03-25" (CONF:4525-33830).	SHALL contain exactly one [1..1] @extension="2023-08-28" (CONF:5547-33830).
CONF #: 5547-33856 Modified	The value, if present, SHOULD contain zero or one [0..1] originalText (CONF:4525-33856).	SHOULD contain zero or one [0..1] originalText (CONF:5547-33856).
CONF #: 5547-33857 Modified	The value, if present, SHOULD contain zero or one [0..1] reference (CONF:4525-33857).	SHOULD contain zero or one [0..1] reference (CONF:5547-33857).

7.12 *Upon Death Preference*

Upon Death Preference (urn:hl7ii:2.16.840.1.113883.4.823.1.4.17:2023-08-28)

Change	Old	New
Status	Published	Draft
Name	Upon Death Observation	Upon Death Preference
Oid	urn:hl7ii:2.16.840.1.113883.4.823.1.4.17:2022-03-25	urn:hl7ii:2.16.840.1.113883.4.823.1.4.17:2023-08-28
CONF #: 5547-34023 Added		SHALL contain exactly one [1..1] precondition (CONF:5547-34023).
CONF #: 5547-34024 Added		This precondition SHALL contain exactly one [1..1] criterion (CONF:5547-34024) such that it
CONF #: 5547-34025 Added		SHALL contain exactly one [1..1] code (CONF:5547-34025).
CONF #: 5547-34111 Added		This code SHALL contain exactly one [1..1] @code="419620001" (CodeSystem: SNOMED CT urn:oid:2.16.840.1.113883.6.96) (CONF:5547-34111).
CONF #: 5547-33734 Modified	The value, if present, SHOULD contain zero or one [0..1] originalText (CONF:4525-33734).	SHOULD contain zero or one [0..1] originalText (CONF:5547-33734).
CONF #: 5547-33737 Modified	SHALL contain exactly one [1..1] @extension="2022-03-25" (CONF:4525-33737).	SHALL contain exactly one [1..1] @extension="2023-08-28" (CONF:5547-33737).
CONF #: 5547-33742 Modified	This code SHALL contain exactly one [1..1] @code (ValueSet: Upon Death Preferences urn:oid:2.16.840.1.113762.1.4.1115.16 DYNAMIC) (CONF:4525-33742).	This code SHALL contain exactly one [1..1] @code (ValueSet: Upon Death Preferences urn:oid:2.16.840.1.113762.1.4.1115.15 DYNAMIC) (CONF:5547-33742).
CONF #: 5547-33751 Modified	The value, if present, SHOULD contain zero or one [0..1] reference (CONF:4525-33751).	SHOULD contain zero or one [0..1] reference (CONF:5547-33751).

7.13 Witness Observation

Witness Observation (urn:hl7ii:2.16.840.1.113883.4.823.1.4.15:2023-08-28)

Change	Old	New
Status	Published	Draft
Oid	urn:hl7ii:2.16.840.1.113883.4.823.1.4.15:2022-03-25	urn:hl7ii:2.16.840.1.113883.4.823.1.4.15:2023-08-28
CONF #: 5547-33592 Modified	SHALL contain exactly one [1..1] @extension="2022-03-25" (CONF:4525-33592).	SHALL contain exactly one [1..1] @extension="2023-08-28" (CONF:5547-33592).
CONF #: 5547-33597 Modified	This code SHALL contain exactly one [1..1] @code="ASSERTION" (CodeSystem: HL7ActCode urn:oid:2.16.840.1.113883.5.4) (CONF:4525-33597).	SHALL contain exactly one [1..1] @code, which SHALL be selected from ValueSet Witness Categories urn:oid:2.16.840.1.113762.1.4.1115.21 DYNAMIC (CONF:5547-33597).
CONF #: 5547-33600 Modified	This code SHALL contain exactly one [1..1] @displayName (CONF:4525-33600).	SHALL contain exactly one [1..1] @displayName (CONF:5547-33600).

7.14 Additional Documentation Section

Additional Documentation Section (urn:hl7ii:2.16.840.1.113883.4.823.1.3.8:2023-08-28)

Change	Old	New
Status	Published	Draft
Oid	urn:hl7ii:2.16.840.1.113883.4.823.1.3.8:2022-03-25	urn:hl7ii:2.16.840.1.113883.4.823.1.3.8:2023-08-28
Description	This section contains information about additional advance directive documents, such as physician order for life sustaining treatment (MOLST or POLST) or Do Not Resuscitate Order (DNR), exists and contains a reference to the document. Each state may have their own form for MOLST, POLST and DNR documents. A person may have multiple MOLST, POLST, or DNR documents to meet requirements for different relevant states.	This section contains information about additional advance directive documents, such as portable medical orders (PMO), medical or physician orders for life sustaining treatment (MOLST or POLST) or Do Not Resuscitate Order (DNR) or other types of Personal Advance Directive Documents such as PACP, Living Will, Healthcare Agent Appointment, etc.. If additional documentation of this type exists, the entry contains information about the additional documentation and may contain a reference to that documentation. Each state may have their own form for MOLST, POLST, DNR and Personal Advance Directive documents. A person may have multiple MOLST, POLST, DNR or Personal Advance Directive documents to meet requirements for different states relevant for their living and visiting situations.
CONF #: 5547-34079 Added		MAY contain zero or more [0..*] entry (CONF:5547-34079) such that it
CONF #: 5547-34080 Added		SHALL contain exactly one [1..1] observation (CONF:5547-34080).
CONF #: 4525-33577 Removed	MAY contain zero or more [0..*] entry (CONF:4525-33577) such that it	
CONF #: 4525-33578 Removed	SHALL contain exactly one [1..1] observation (CONF:4525-33578).	
CONF #: 5547-33558 Modified	SHALL contain exactly one [1..1] @extension="2022-03-25" (CONF:4525-33558).	SHALL contain exactly one [1..1] @extension="2023-08-28" (CONF:5547-33558).

7.15 Administrative Information Section

Administrative Information Section (urn:hl7ii:2.16.840.1.113883.4.823.1.3.7:2023-08-28)

Change	Old	New
Oid	urn:hl7ii:2.16.840.1.113883.4.823.1.3.7:2022-03-25	urn:hl7ii:2.16.840.1.113883.4.823.1.3.7:2023-08-28
Description	The information in this section is intended to apply across the entire document. This section includes information that is important to all readers and could be related to guidance for information users, or information to help readers interpret the content such as jurisdictional considerations, or best practice recommendations.	The information in this section is intended to relate to the document as a whole and should not be taken out of context or applied to only certain section of the document. Statements made by the subject-author about the document or its contents and the document subject-author's signature, as well as other administrative concepts and best practice guidance about the use of this information in the advance care planning process can all be found in this section.
CONF #: 5547-32989 Modified	SHALL contain exactly one [1..1] @extension="2022-03-25" (CONF:4525-32989).	SHALL contain exactly one [1..1] @extension="2023-08-28" (CONF:5547-32989).

7.16 GPP for Certain Conditions Section

GPP for Certain Conditions Section (urn:hl7ii:2.16.840.1.113883.4.823.1.3.4:2023-08-28)

Change	Old	New
Status	Published	Draft
Oid	urn:hl7ii:2.16.840.1.113883.4.823.1.3.4:2022-03-25	urn:hl7ii:2.16.840.1.113883.4.823.1.3.4:2023-08-28
CONF #: 4525-33093 Removed	MAY contain zero or more [0..*] entry (CONF:4525-33093) such that it	
CONF #: 4525-33356 Removed	SHALL contain exactly one [1..1] observation (CONF:4525-33356).	
CONF #: 4525-33098 Removed	MAY contain zero or more [0..*] entry (CONF:4525-33098) such that it	
CONF #: 4525-33099 Removed	SHALL contain exactly one [1..1] organizer (CONF:4525-33099).	
CONF #: 4525-33504 Removed	MAY contain zero or more [0..*] entry (CONF:4525-33504) such that it	
CONF #: 4525-33505 Removed	SHALL contain exactly one [1..1] observation (CONF:4525-33505).	
CONF #: 4525-33662 Removed	MAY contain zero or more [0..*] entry (CONF:4525-33662) such that it	
CONF #: 4525-33699 Removed	SHALL contain exactly one [1..1] observation (CONF:4525-33699).	
CONF #: 4525-33851 Removed	MAY contain zero or more [0..*] entry (CONF:4525-33851) such that it	
CONF #: 4525-33852 Removed	SHALL contain exactly one [1..1] observation (CONF:4525-33852).	
CONF #: 5547-32963 Modified	SHALL contain exactly one [1..1] @extension="2022-03-25" (CONF:4525-32963).	SHALL contain exactly one [1..1] @extension="2023-08-28" (CONF:5547-32963).

7.17 GPP Personal Care Experience Section

GPP Personal Care Experience Section
(urn:hl7ii:2.16.840.1.113883.4.823.1.3.6:2023-08-28)

Change	Old	New
Status	Published	Draft
Oid	urn:hl7ii:2.16.840.1.113883.4.823.1.3.6:2022-03-25	urn:hl7ii:2.16.840.1.113883.4.823.1.3.6:2023-08-28
CONF #: 5547-32980 Modified	SHALL contain exactly one [1..1] @extension="2022-03-25" (CONF:4525-32980).	SHALL contain exactly one [1..1] @extension="2023-08-28" (CONF:5547-32980).

7.18 GPP Upon Death Section

GPP Upon Death Section (urn:hl7ii:2.16.840.1.113883.4.823.1.3.5:2023-08-28)

Change	Old	New
Status	Published	Draft
Oid	urn:hl7ii:2.16.840.1.113883.4.823.1.3.5:2022-03-25	urn:hl7ii:2.16.840.1.113883.4.823.1.3.5:2023-08-28
CONF #: 4525-33100 Removed	MAY contain zero or more [0..*] entry (CONF:4525-33100) such that it	
CONF #: 4525-33104 Removed	SHALL contain exactly one [1..1] observation (CONF:4525-33104).	
CONF #: 5547-32971 Modified	SHALL contain exactly one [1..1] @extension="2022-03-25" (CONF:4525-32971).	SHALL contain exactly one [1..1] @extension="2023-08-28" (CONF:5547-32971).

7.19 Witness and Notary Section

Witness and Notary Section (urn:hl7ii:2.16.840.1.113883.4.823.1.3.9:2023-08-28)

Change	Old	New
Status	Published	Draft
Oid	urn:hl7ii:2.16.840.1.113883.4.823.1.3.9:2022-03-25	urn:hl7ii:2.16.840.1.113883.4.823.1.3.9:2023-08-28
CONF #: 5547-33568 Modified	SHALL contain exactly one [1..1] @extension="2022-03-25" (CONF:4525-33568).	SHALL contain exactly one [1..1] @extension="2023-08-28" (CONF:5547-33568).
CONF #: 5547-33650 Modified	MAY contain zero or more [0..*] entry (CONF:4525-33650) such that it	SHOULD contain zero or one [0..1] entry (CONF:5547-33650) such that it