

3.3 Advance Directive Organizer (V2)

[organizer: identifier urn:hl7ii:2.16.840.1.113883.10.20.22.4.108:2015-08-01
(open)]

Table 224: Advance Directive Organizer (V2) Contexts

Contained By:	Contains:
Advance Directives Section (entries optional) (V3) (optional) Advance Directives Section (entries required) (V3) (optional)	Author Participation (optional) Advance Directive Observation (V3) (required)

This clinical statement groups a set of advance directive observations.

Table 225: Advance Directive Organizer (V2) Constraints Overview

XPath	Card.	Verb	Data Type	CONF#	Value
organizer (identifier: urn:hl7ii:2.16.840.1.113883.10.20.22.4.108:2015-08-01)					
@classCode	1..1	SHALL		1198-28410	urn:oid:2.16.840.1.113883.5.6 (HL7ActClass) = CLUSTER
@moodCode	1..1	SHALL		1198-28411	urn:oid:2.16.840.1.113883.5.1001 (HL7ActMood) = EVN
templateId	1..1	SHALL		1198-28412	
@root	1..1	SHALL		1198-28413	2.16.840.1.113883.10.20.22.4.108
@extension	1..1	SHALL		1198-32876	2015-08-01
id	1..*	SHALL		1198-28414	
code	1..1	SHALL		1198-28415	
@code	1..1	SHALL		1198-31230	45473-6
@codeSystem	1..1	SHALL		1198-31231	urn:oid:2.16.840.1.113883.6.1 (LOINC) = 2.16.840.1.113883.6.1
statusCode	1..1	SHALL		1198-28418	
@code	1..1	SHALL		1198-31346	urn:oid:2.16.840.1.113883.5.14 (HL7ActStatus) = completed
author	0..*	SHOULD		1198-32407	Author Participation (identifier: urn:oid:2.16.840.1.113883.10.20.22.4.119)
component	1..*	SHALL		1198-28420	
observation	1..1	SHALL		1198-28421	Advance Directive Observation (V3) (identifier: urn:hl7ii:2.16.840.1.113883.10.20.22.4.48:2015-08-01)

1. **SHALL** contain exactly one [1..1] **@classCode**="CLUSTER" Cluster (CodeSystem: HL7ActClass urn:oid:2.16.840.1.113883.5.6) (CONF:1198-28410).
2. **SHALL** contain exactly one [1..1] **@moodCode**="EVN" Event (CodeSystem: HL7ActMood urn:oid:2.16.840.1.113883.5.1001 **STATIC**) (CONF:1198-28411).
3. **SHALL** contain exactly one [1..1] **templateId** (CONF:1198-28412) such that it
 - a. **SHALL** contain exactly one [1..1] **@root**="2.16.840.1.113883.10.20.22.4.108" (CONF:1198-28413).
 - b. **SHALL** contain exactly one [1..1] **@extension**="2015-08-01" (CONF:1198-32876).
4. **SHALL** contain at least one [1..*] **id** (CONF:1198-28414).

5. **SHALL** contain exactly one [1..1] **code** (CONF:1198-28415).
 - a. This code **SHALL** contain exactly one [1..1] **@code**="45473-6" Advance directive - living will (CONF:1198-31230).
 - 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 **STATIC**) (CONF:1198-31231).
6. **SHALL** contain exactly one [1..1] **statusCode** (CONF:1198-28418).
 - a. This statusCode **SHALL** contain exactly one [1..1] **@code**="completed" (CodeSystem: HL7ActStatus urn:oid:2.16.840.1.113883.5.14) (CONF:1198-31346).
7. **SHOULD** contain zero or more [0..*] Author Participation (identifier: urn:oid:2.16.840.1.113883.10.20.22.4.119) (CONF:1198-32407).
8. **SHALL** contain at least one [1..*] **component** (CONF:1198-28420) such that it
 - a. **SHALL** contain exactly one [1..1] Advance Directive Observation (V3) (identifier: urn:hl7ii:2.16.840.1.113883.10.20.22.4.48:2015-08-01) (CONF:1198-28421).

Figure 125: Advance Directive Organizer (V2) Example

```
<organizer classCode="CLUSTER" moodCode="EVN">
  <templateId root="2.16.840.1.113883.10.20.22.4.108" extension="2015-08-01" />
  <id root="631F0E95-F055-4FA2-AF10-3AE036CAD2EC" extension="10.1.1" />
  <code code="45473-6"
    displayName="advance directive - living will"
    codeSystem="2.16.840.1.113883.6.1"
    codeSystemName="LOINC">
    <originalText>
      <reference value="#AD01" />
    </originalText>
  </code>
  <statusCode code="completed" />
  <!-- Author Participation -->
  <author>
    <templateId root="2.16.840.1.113883.10.20.22.4.119" />
    <time value="20130807150000-0500" />
    <assignedAuthor>
      <id extension="5555555551" root="2.16.840.1.113883.4.6" />
      <code code="163W00000X"
        displayName="Registered nurse"
        codeSystem="2.16.840.1.113883.6.101"
        codeSystemName="Healthcare Provider Taxonomy (HIPAA)" />
      <assignedPerson>
        <name>
          <given>Nurse</given>
          <family>Nightingale</family>
          <suffix>RN</suffix>
        </name>
      </assignedPerson>
      <representedOrganization classCode="ORG">
        <id root="2.16.840.1.113883.19.5" />
        <name>Good Health Hospital</name>
      </representedOrganization>
    </assignedAuthor>
  </author>
  <component>
    <!-- Advance Directive Observation (V3) -->
    ...
  </component>
  <component>
    <!-- Advance Directive Observation (V3) -->
    ...
  </component>
  <component>
    <!-- Advance Directive Observation (V3) -->
    ...
  </component>
</organizer>
```

3.4 Age Observation

[observation: identifier urn:oid:2.16.840.1.113883.10.20.22.4.31 (open)]

Table 226: Age Observation Contexts

Contained By:	Contains:
Family History Observation (V3) (optional) Problem Observation (V3) (optional)	

This Age Observation represents the subject's age at onset of an event or observation. The age of a relative in a Family History Observation at the time of that observation could also be inferred by comparing RelatedSubject/subject/birthTime with Observation/effectiveTime. However, a common scenario is that a patient will know the age of a relative when the relative had a certain condition or when the relative died, but will not know the actual year (e.g., "grandpa died of a heart attack at the age of 50"). Often times, neither precise dates nor ages are known (e.g., "cousin died of congenital heart disease as an infant").

Table 227: Age Observation Constraints Overview

XPath	Card.	Verb	Data Type	CONF#	Value
observation (identifier: urn:oid:2.16.840.1.113883.10.20.22.4.31)					
@classCode	1..1	SHALL		81-7613	urn:oid:2.16.840.1.113883.5.6 (HL7ActClass) = OBS
@moodCode	1..1	SHALL		81-7614	urn:oid:2.16.840.1.113883.5.1001 (HL7ActMood) = EVN
templateId	1..1	SHALL		81-7899	
@root	1..1	SHALL		81-10487	2.16.840.1.113883.10.20.22.4.31
code	1..1	SHALL		81-7615	
@code	1..1	SHALL		81-16776	445518008
@codeSystem	1..1	SHALL		81-26499	urn:oid:2.16.840.1.113883.6.96 (SNOMED CT) = 2.16.840.1.113883.6.96
statusCode	1..1	SHALL		81-15965	
@code	1..1	SHALL		81-15966	urn:oid:2.16.840.1.113883.5.14 (HL7ActStatus) = completed
value	1..1	SHALL	PQ	81-7617	
@unit	1..1	SHALL	CS	81-7618	urn:oid:2.16.840.1.113883.11.20.9.21 (AgePQ_UCUM)

1. **SHALL** contain exactly one [1..1] **@classCode**="OBS" Observation (CodeSystem: HL7ActClass urn:oid:2.16.840.1.113883.5.6 **STATIC**) (CONF:81-7613).
2. **SHALL** contain exactly one [1..1] **@moodCode**="EVN" Event (CodeSystem: HL7ActMood urn:oid:2.16.840.1.113883.5.1001 **STATIC**) (CONF:81-7614).
3. **SHALL** contain exactly one [1..1] **templateId** (CONF:81-7899) such that it