

- a. This code **SHALL** contain exactly one [1..1] **@code**="42348-3" Advance Directives (CONF:1198-15342).
- 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:1198-30812).
3. **SHALL** contain exactly one [1..1] **title** (CONF:1198-7930).
4. **SHALL** contain exactly one [1..1] **text** (CONF:1198-7931).
5. **MAY** contain zero or more [0..*] **entry** (CONF:1198-7957) 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:1198-15443).
6. **MAY** contain zero or more [0..*] **entry** (CONF:1198-32891) such that it
 - a. **SHALL** contain exactly one [1..1] [Advance Directive Organizer \(V2\)](#) (identifier: urn:hl7ii:2.16.840.1.113883.10.20.22.4.108:2015-08-01) (CONF:1198-32892).

2.3.1 Advance Directives Section (entries required) (V3)

[section: identifier urn:hl7ii:2.16.840.1.113883.10.20.22.2.21.1:2015-08-01 (open)]

Table 67: Advance Directives Section (entries required) (V3) Contexts

| Contained By: | Contains: |
|--|--|
| Transfer Summary (V2) (optional) | Advance Directive Observation (V3) (optional) Advance Directive Organizer (V2) (optional) |

This section contains data defining the patient's advance directives and any reference to supporting documentation, including living wills, healthcare proxies, and CPR and resuscitation status. If the referenced documents are available, they can be included in the exchange package.

The most recent directives are required, if known, and should be listed in as much detail as possible. This section differentiates between "advance directives" and "advance directive documents". The former is the directions to be followed whereas the latter refers to a legal document containing those directions.

Table 68: Advance Directives Section (entries required) (V3) Constraints Overview

| XPath | Card. | Verb | Data Type | CONF# | Value |
|--|-------|-------|-----------|----------------------------|---|
| section (identifier: urn:hl7ii:2.16.840.1.113883.10.20.22.2.21.1:2015-08-01) | | | | | |
| @nullFlavor | 0..1 | MAY | | 1198-32800 | urn:oid:2.16.840.1.113883.5.1008 (HL7NullFlavor) = NI |
| templateId | 1..1 | SHALL | | 1198-30227 | |
| @root | 1..1 | SHALL | | 1198-30228 | 2.16.840.1.113883.10.20.22.2.21.1 |
| @extension | 1..1 | SHALL | | 1198-32512 | 2015-08-01 |
| code | 1..1 | SHALL | | 1198-32929 | |
| @code | 1..1 | SHALL | | 1198-32930 | 42348-3 |
| @codeSystem | 1..1 | SHALL | | 1198-32931 | urn:oid:2.16.840.1.113883.6.1 (LOINC) = 2.16.840.1.113883.6.1 |
| title | 1..1 | SHALL | | 1198-32932 | |
| text | 1..1 | SHALL | | 1198-32933 | |
| entry | 1..* | SHALL | | 1198-30235 | |
| observation | 0..1 | MAY | | 1198-30236 | Advance Directive Observation (V3) (identifier: urn:hl7ii:2.16.840.1.113883.10.20.22.4.48:2015-08-01) |
| organizer | 0..1 | MAY | | 1198-32420 | Advance Directive Organizer (V2) (identifier: urn:hl7ii:2.16.840.1.113883.10.20.22.4.108:2015-08-01) |

7. Conforms to [Advance Directives Section \(entries optional\) \(V3\)](#) template (identifier: urn:hl7ii:2.16.840.1.113883.10.20.22.2.21.1:2015-08-01).
8. **MAY** contain zero or one [0..1] @nullFlavor="NI" No information (CodeSystem: HL7NullFlavor urn:oid:2.16.840.1.113883.5.1008) (CONF:1198-32800).
9. **SHALL** contain exactly one [1..1] templateId (CONF:1198-30227) such that it
 - a. **SHALL** contain exactly one [1..1] @root="2.16.840.1.113883.10.20.22.2.21.1" (CONF:1198-30228).
 - b. **SHALL** contain exactly one [1..1] @extension="2015-08-01" (CONF:1198-32512).
10. **SHALL** contain exactly one [1..1] code (CONF:1198-32929).
 - a. This code **SHALL** contain exactly one [1..1] @code="42348-3" Advance Directives (CONF:1198-32930).

- 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:1198-32931).`
 - 11. **SHALL** contain exactly one [1..1] **title** (CONF:1198-32932).
 - 12. **SHALL** contain exactly one [1..1] **text** (CONF:1198-32933).
- If section/@nullFlavor is not present **SHALL** contain an Advance Directive Observation *OR* an Advance Directive Organizer:
- 13. **SHALL** contain at least one [1..*] **entry** (CONF:1198-30235) such that it
 - a. **MAY** contain zero or one [0..1] Advance Directive Observation (V3)
(identifier: urn:hl7ii:2.16.840.1.113883.10.20.22.4.48:2015-08-01)
(CONF:1198-30236).
 - b. **MAY** contain zero or one [0..1] Advance Directive Organizer (V2)
(identifier: urn:hl7ii:2.16.840.1.113883.10.20.22.4.108:2015-08-01)
(CONF:1198-32420).
 - c. If section/@nullFlavor is not present, this entry **SHALL** contain one or more entries, each with
EITHER an Advance Directive Observation (V3) *OR* an Advance Directive Organizer (V2). There may be a combination of Advance Directive Observations and Advance Directive Organizers in different entries (CONF:1198-32881).

Figure 58: Advance Directives Section (V3) Example

```
<section>
  <!-- C-CDA Advance Directives Section (required entries)template id -->
  <templateId root="2.16.840.1.113883.10.20.22.2.21.1" extension="2015-08-01" />
  <code code="42348-3" codeSystem="2.16.840.1.113883.6.1" />
  <title>ADVANCE DIRECTIVES</title>
  <text>
    Narrative Text
  </text>
  <entry typeCode="DRIV">
    <organizer classCode="CLUSTER" moodCode="EVN">
      <templateId root="2.16.840.1.113883.10.20.22.4.108" />
      <!-- ***Advance Directive Organizer template -->
      <id root="af6ebdf2-d996-11e2-a5b8-f23c91aec05e" />
    </organizer>
  </entry>
  <entry typeCode="DRIV">
    <organizer classCode="CLUSTER" moodCode="EVN">
      <templateId root="2.16.840.1.113883.10.20.22.4.108" />
      <!-- ***Advance Directive Organizer template -->
      <id root="af6ebdf2-d996-11e2-a5b8-f23c91aec05e" />
    </organizer>
  </entry>
</section>
```

2.4 Allergies and Intolerances Section (entries optional) (V3)

[section: identifier urn:hl7ii:2.16.840.1.113883.10.20.22.2.6:2015-08-01
(open)]

Table 69: Allergies and Intolerances Section (entries optional) (V3) Contexts

| Contained By: | Contains: |
|--|---|
| Discharge Summary (V3) (required) History and Physical (V3) (required) Progress Note (V3) (optional) Procedure Note (V3) (optional) | Allergy Concern Act (V3) (optional) |

This section lists and describes any medication allergies, adverse reactions, idiosyncratic reactions, anaphylaxis/anaphylactoid reactions to food items, and metabolic variations or adverse reactions/allergies to other substances (such as latex, iodine, tape adhesives). At a minimum, it should list currently active and any relevant historical allergies and adverse reactions.

Table 70: Allergies and Intolerances Section (entries optional) (V3) Constraints Overview

| XPath | Card. | Verb | Data Type | CONF# | Value |
|---|-------|--------|-----------|----------------------------|---|
| section (identifier: urn:hl7ii:2.16.840.1.113883.10.20.22.2.6:2015-08-01) | | | | | |
| templateId | 1..1 | SHALL | | 1198-7800 | |
| @root | 1..1 | SHALL | | 1198-10378 | 2.16.840.1.113883.10.20.22.2.6 |
| @extension | 1..1 | SHALL | | 1198-32544 | 2015-08-01 |
| code | 1..1 | SHALL | | 1198-15345 | |
| @code | 1..1 | SHALL | | 1198-15346 | 48765-2 |
| @codeSystem | 1..1 | SHALL | | 1198-32139 | urn:oid:2.16.840.1.113883.6.1 (LOINC) = 2.16.840.1.113883.6.1 |
| title | 1..1 | SHALL | | 1198-7802 | |
| text | 1..1 | SHALL | | 1198-7803 | |
| entry | 0..* | SHOULD | | 1198-7804 | |
| act | 1..1 | SHALL | | 1198-15444 | Allergy Concern Act (V3) (identifier: urn:hl7ii:2.16.840.1.113883.10.20.22.4.30:2015-08-01) |

1. **SHALL** contain exactly one [1..1] **templateId** (CONF:1198-7800) such that it