

If section/@nullFlavor is not present:

7. **SHALL** contain at least one [1..*] **entry** (CONF:1098-7572) such that it
 - a. **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:1098-10077).

Figure 90: Medications Section (entries required) (V2) Example

```
<section>
  <!--**MEDICATION SECTION (coded entries required) ** -->
  <templateId root="2.16.840.1.113883.10.20.22.2.1.1" extension="2014-06-09" />
  <!-- Medications Section (entries optional) -->
  <templateId root="2.16.840.1.113883.10.20.22.2.1" extension="2014-06-09" />

  <code code="10160-0" codeSystem="2.16.840.1.113883.6.1" codeSystemName="LOINC"
displayName="HISTORY OF MEDICATION USE" />
  <title>MEDICATIONS</title>
  <text>
    Narrative Text
  </text>

  <entry>
    <substanceAdministration classCode="SBADM" moodCode="EVN">
      <!--**MEDICATION ACTIVITY V2 ** -->
      <templateId root="2.16.840.1.113883.10.20.22.4.16" extension="2014-06-09" />
      ....
    </substanceAdministration>
  </entry>
</section>
```

2.39 Mental Status Section (V2)

[section: identifier urn:hl7ii:2.16.840.1.113883.10.20.22.2.56:2015-08-01
(open)]

Table 146: Mental Status Section (V2) Contexts

Contained By:	Contains:
Consultation Note (V3) (optional) Continuity of Care Document (CCD) (V3) (optional) Transfer Summary (V2) (optional) Referral Note (V2) (optional)	Assessment Scale Observation (optional) Mental Status Organizer (V3) (optional) Mental Status Observation (V3) (optional)

The Mental Status Section contains observations and evaluations related to a patient's psychological and mental competency and deficits including, but not limited to any of the following types of information:

- Appearance (e.g., unusual grooming, clothing or body modifications)
- Attitude (e.g., cooperative, guarded, hostile)
- Behavior/psychomotor (e.g., abnormal movements, eye contact, tics)
- Mood and affect (e.g., anxious, angry, euphoric)

- Speech and Language (e.g., pressured speech, perseveration)
- Thought process (e.g., logic, coherence)
- Thought content (e.g., delusions, phobias)
- Perception (e.g., voices, hallucinations)
- Cognition (e.g., memory, alertness/consciousness, attention, orientation) – which were included in Cognitive Status Observation in earlier publications of C-CDA.
- Insight and judgment (e.g., understanding of condition, decision making)

Table 147: Mental Status Section (V2) Constraints Overview

XPath	Card.	Verb	Data Type	CONF#	Value
section (identifier: urn:hl7ii:2.16.840.1.113883.10.20.22.2.56:2015-08-01)					
templateId	1..1	SHALL		1198-28293	
@root	1..1	SHALL		1198-28294	2.16.840.1.113883.10.20.22.2.56
@extension	1..1	SHALL		1198-32793	2015-08-01
code	1..1	SHALL		1198-28295	
@code	1..1	SHALL		1198-28296	10190-7
@codeSystem	1..1	SHALL		1198-30826	urn:oid:2.16.840.1.113883.6.1 (LOINC) = 2.16.840.1.113883.6.1
title	1..1	SHALL		1198-28297	
text	1..1	SHALL		1198-28298	
entry	0..*	MAY		1198-28301	
organizer	1..1	SHALL		1198-28302	Mental Status Organizer (V3) (identifier: urn:hl7ii:2.16.840.1.113883.10.20.22.4.75:2015-08-01)
entry	0..*	MAY		1198-28305	
observation	1..1	SHALL		1198-28306	Mental Status Observation (V3) (identifier: urn:hl7ii:2.16.840.1.113883.10.20.22.4.74:2015-08-01)
entry	0..*	MAY		1198-28313	
observation	1..1	SHALL		1198-28314	Assessment Scale Observation (identifier: urn:oid:2.16.840.1.113883.10.20.22.4.69)

1. **SHALL** contain exactly one [1..1] **templateId** (CONF:1198-28293) such that it

- a. **SHALL** contain exactly one [1..1] **@root**="2.16.840.1.113883.10.20.22.2.56" (CONF:1198-28294).
 - b. **SHALL** contain exactly one [1..1] **@extension**="2015-08-01" (CONF:1198-32793).
2. **SHALL** contain exactly one [1..1] **code** (CONF:1198-28295).
 - a. This code **SHALL** contain exactly one [1..1] **@code**="10190-7" Mental Status (CONF:1198-28296).
 - 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:1198-30826).
3. **SHALL** contain exactly one [1..1] **title** (CONF:1198-28297).
4. **SHALL** contain exactly one [1..1] **text** (CONF:1198-28298).
5. **MAY** contain zero or more [0..*] **entry** (CONF:1198-28301) such that it
 - a. **SHALL** contain exactly one [1..1] Mental Status Organizer (V3) (identifier: urn:hl7ii:2.16.840.1.113883.10.20.22.4.75:2015-08-01) (CONF:1198-28302).
6. **MAY** contain zero or more [0..*] **entry** (CONF:1198-28305) such that it
 - a. **SHALL** contain exactly one [1..1] Mental Status Observation (V3) (identifier: urn:hl7ii:2.16.840.1.113883.10.20.22.4.74:2015-08-01) (CONF:1198-28306).
7. **MAY** contain zero or more [0..*] **entry** (CONF:1198-28313) such that it
 - a. **SHALL** contain exactly one [1..1] Assessment Scale Observation (identifier: urn:oid:2.16.840.1.113883.10.20.22.4.69) (CONF:1198-28314).

Figure 91: Mental Status Section Example

```
<section>
  <templateId root="2.16.840.1.113883.10.20.22.2.14" extension="2015-08-01" />
  <!-- Mental Status Section -->
  <code code="10190-7" codeSystem="2.16.840.1.113883.6.1" codeSystemName="LOINC"
displayName="MENTAL STATUS" />
  <title>MENTAL STATUS</title>
  <text>
    ...
  </text>
  <entry>
    <observation classCode="OBS" moodCode="EVN">
      <!-- Mental Status Observation template -->
      <templateId root="2.16.840.1.113883.10.20.22.4.125" extension="2015-08-01" />
      ...

    </observation>
  </entry>
  <entry>
    <observation classCode="OBS" moodCode="EVN">
      <!-- Mental Status Observation V2 -->
      <templateId root="2.16.840.1.113883.10.20.22.4.74" extension="2015-08-01" />
      ...

    </observation>
  </entry>
  <entry>
    <organizer classCode="CLUSTER" moodCode="EVN">
      <!-- Mental Status Organizer V2-->
      <templateId root="2.16.840.1.113883.10.20.22.4.75" extension="2015-08-01" />
      <id root="a7bc1062-8649-42a0-833d-ekd65bd013c9" />
      ...

    </organizer>
  </entry>
</section>
```

2.40 Nutrition Section

[section: identifier urn:oid:2.16.840.1.113883.10.20.22.2.57 (open)]

Table 148: Nutrition Section Contexts

Contained By:	Contains:
Consultation Note (V3) (optional) Continuity of Care Document (CCD) (V3) (optional) Discharge Summary (V3) (optional) Transfer Summary (V2) (optional) Referral Note (V2) (optional) Progress Note (V3) (optional)	Nutritional Status Observation (optional)

The Nutrition Section represents diet and nutrition information including special diet requirements and restrictions (e.g., texture modified diet, liquids only, enteral feeding). It also represents the overall nutritional status of the patient and nutrition assessment findings.

Table 149: Nutrition Section Constraints Overview

XPath	Card.	Verb	Data Type	CONF#	Value
section (identifier: urn:oid:2.16.840.1.113883.10.20.22.2.57)					
templateId	1..1	SHALL		1098-30477	
@root	1..1	SHALL	UID	1098-30478	2.16.840.1.113883.10.20.22.2.57
code	1..1	SHALL		1098-30318	
@code	1..1	SHALL		1098-30319	61144-2
@codeSystem	1..1	SHALL		1098-30320	urn:oid:2.16.840.1.113883.6.1 (LOINC) = 2.16.840.1.113883.6.1
title	1..1	SHALL		1098-31042	
text	1..1	SHALL		1098-31043	
entry	0..*	SHOULD		1098-30321	
observation	1..1	SHALL		1098-30322	Nutritional Status Observation (identifier: urn:oid:2.16.840.1.113883.10.20.22.4.124)

1. **SHALL** contain exactly one [1..1] **templateId** (CONF:1098-30477) such that it
 - a. **SHALL** contain exactly one [1..1] **@root**="2.16.840.1.113883.10.20.22.2.57" (CONF:1098-30478).
2. **SHALL** contain exactly one [1..1] **code** (CONF:1098-30318).