

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 147: Mental Status Section (V2) Contexts**

Contained By:	Contains:
<a href="#">Consultation Note (V3)</a> (optional) <a href="#">Continuity of Care Document (CCD) (V3)</a> (optional) <a href="#">Transfer Summary (V2)</a> (optional) <a href="#">Referral Note (V2)</a> (optional)	<a href="#">Assessment Scale Observation</a> (optional) <a href="#">Mental Status Organizer (V3)</a> (optional) <a href="#">Mental Status Observation (V3)</a> (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 148: 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		<a href="#">1198-28293</a>	
@root	1..1	SHALL		<a href="#">1198-28294</a>	2.16.840.1.113883.10.20.22.2.56
@extension	1..1	SHALL		<a href="#">1198-32793</a>	2015-08-01
code	1..1	SHALL		<a href="#">1198-28295</a>	
@code	1..1	SHALL		<a href="#">1198-28296</a>	10190-7
@codeSystem	1..1	SHALL		<a href="#">1198-30826</a>	urn:oid:2.16.840.1.113883.6.1 (LOINC) = 2.16.840.1.113883.6.1
title	1..1	SHALL		<a href="#">1198-28297</a>	
text	1..1	SHALL		<a href="#">1198-28298</a>	
entry	0..*	MAY		<a href="#">1198-28301</a>	
organizer	1..1	SHALL		<a href="#">1198-28302</a>	<a href="#">Mental Status Organizer (V3) (identifier: urn:hl7ii:2.16.840.1.113883.10.20.22.4.75:2015-08-01)</a>
entry	0..*	MAY		<a href="#">1198-28305</a>	
observation	1..1	SHALL		<a href="#">1198-28306</a>	<a href="#">Mental Status Observation (V3) (identifier: urn:hl7ii:2.16.840.1.113883.10.20.22.4.74:2015-08-01)</a>
entry	0..*	MAY		<a href="#">1198-28313</a>	
observation	1..1	SHALL		<a href="#">1198-28314</a>	<a href="#">Assessment Scale Observation (identifier: urn:oid:2.16.840.1.113883.10.20.22.4.69)</a>

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 149: Nutrition Section Contexts**

Contained By:	Contains:
<a href="#">Consultation Note (V3)</a> (optional) <a href="#">Continuity of Care Document (CCD) (V3)</a> (optional) <a href="#">Discharge Summary (V3)</a> (optional) <a href="#">Transfer Summary (V2)</a> (optional) <a href="#">Referral Note (V2)</a> (optional) <a href="#">Progress Note (V3)</a> (optional)	<a href="#">Nutritional Status Observation</a> (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 150: 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		<a href="#">1098-30477</a>	
@root	1..1	SHALL	UID	<a href="#">1098-30478</a>	2.16.840.1.113883.10.20.22.2.57
code	1..1	SHALL		<a href="#">1098-30318</a>	
@code	1..1	SHALL		<a href="#">1098-30319</a>	61144-2
@codeSystem	1..1	SHALL		<a href="#">1098-30320</a>	urn:oid:2.16.840.1.113883.6.1 (LOINC) = 2.16.840.1.113883.6.1
title	1..1	SHALL		<a href="#">1098-31042</a>	
text	1..1	SHALL		<a href="#">1098-31043</a>	
entry	0..*	SHOULD		<a href="#">1098-30321</a>	
observation	1..1	SHALL		<a href="#">1098-30322</a>	<a href="#">Nutritional Status Observation (identifier: urn:oid:2.16.840.1.113883.10.20.22.4.124)</a>

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).