Table 366: Planned moodCode (Act/Encounter/Procedure)

Value Set: Planned moodCode (Act/Encounter/Procedure) urn:oid:2.16.840.1.113883.11.20.9.23

This value set is used to restrict the moodCode on an act, an encounter or a procedure to future moods

Value Set Source:
https://vsac.nlm.nih.gov/valueset/2.16.840.1.113883.11.20.9.23/expansion

Code	Code System	Code System OID	Print Name
INT	HL7ActMood	urn:oid:2.16.840.1.113883.5.1001	Intent
ARQ	HL7ActMood	urn:oid:2.16.840.1.113883.5.1001	Appointment Request
PRMS	HL7ActMood	urn:oid:2.16.840.1.113883.5.1001	Promise
PRP	HL7ActMood	urn:oid:2.16.840.1.113883.5.1001	Proposal
RQO	HL7ActMood	urn:oid:2.16.840.1.113883.5.1001	Request
APT	HL7ActMood	urn:oid:2.16.840.1.113883.5.1001	Appointment

Figure 179: Nutrition Recommendation Example

```
<entry>
    <act moodCode="INT" classCode="ACT">
        <!-- Nutrition Recommendation ACT-->
        <templateId root="2.16.840.1.113883.10.20.22.4.130" />
        <id root="9a6d1bac-17d3-4195-89a4-1121bc809a5c" />
        <code code="61310001"
              displayName="nutrition education"
              codeSystem="2.16.840.1.113883.6.96"
              codeSystemName="SNOMED CT" />
        <statusCode code="active" />
        <effectiveTime value="20130512" />
    </act>
</entry>
```

3.59 Nutritional Status Observation

```
[observation: identifier urn:oid:2.16.840.1.113883.10.20.22.4.124 (open)]
```

Table 367: Nutritional Status Observation Contexts

Contained By:	Contains:
Nutrition Section (optional) Health Concern Act (V2) (optional) Risk Concern Act (V2) (optional)	Nutrition Assessment (required)

This template describes the overall nutritional status of the patient including findings related to nutritional status.

Table 368: Nutritional Status Observation Constraints Overview

XPath	Card.	Verb	Data Type	CONF#	Value
observation (identifier: urn:oid:2.16.840.1.113883.10.20.22.4.124)					
@classCode	1..1	SHALL		1098-29841	urn:oid:2.16.840.1.113883.5.6 (HL7ActClass) = OBS
@moodCode	1..1	SHALL		1098-29842	urn:oid:2.16.840.1.113883.5.1001 (HL7ActMood) = EVN
templateId	1..1	SHALL		1098-29843	
@root	1..1	SHALL		1098-29844	2.16.840.1.113883.10.20.22.4.124
id	1..*	SHALL		1098-29845	
code	1..1	SHALL		1098-29846	
@code	1..1	SHALL		1098-29897	75305-3
@codeSystem	1..1	SHALL		1098-29898	urn:oid:2.16.840.1.113883.6.1 (LOINC) = 2.16.840.1.113883.6.1
statusCode	1..1	SHALL		1098-29852	
@code	1..1	SHALL		1098-29853	urn:oid:2.16.840.1.113883.5.14 (HL7ActStatus) = completed
effectiveTime	1..1	SHALL		1098-31867	
value	1..1	SHALL		1098-29854	urn:oid:2.16.840.1.113883.1.11.20.2.7 (Nutritional Status)
entryRelationship	1..*	SHALL		1098-30323	
@typeCode	1..1	SHALL		1098-30335	SUBJ
observation	1..1	SHALL		1098-30336	Nutrition Assessment (identifier: urn:oid:2.16.840.1.113883.10.20.22.4.138

1. **SHALL** contain exactly one [1..1] **@classCode**="OBS" Observation (CodeSystem: HL7ActClass urn:oid:2.16.840.1.113883.5.6 **STATIC**) (CONF:1098-29841).
2. **SHALL** contain exactly one [1..1] **@moodCode**="EVN" Event (CodeSystem: HL7ActMood urn:oid:2.16.840.1.113883.5.1001 **STATIC**) (CONF:1098-29842).
3. **SHALL** contain exactly one [1..1] **templateId** (CONF:1098-29843) such that it

a. **SHALL** contain exactly one [1..1] **@root**="2.16.840.1.113883.10.20.22.4.124" (CONF:1098-29844).
4. **SHALL** contain at least one [1..*] **id** (CONF:1098-29845).
5. **SHALL** contain exactly one [1..1] **code** (CONF:1098-29846).
   a. This code **SHALL** contain exactly one [1..1] **@code**="75305-3" Nutrition status (CONF:1098-29897).
   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:1098-29898).
6. **SHALL** contain exactly one [1..1] **statusCode** (CONF:1098-29852).
   a. This statusCode **SHALL** contain exactly one [1..1] **@code**="completed" Completed (CodeSystem: HL7ActStatus urn:oid:2.16.840.1.113883.5.14 **STATIC**) (CONF:1098-29853).
7. **SHALL** contain exactly one [1..1] **effectiveTime** (CONF:1098-31867).
8. **SHALL** contain exactly one [1..1] **value**, which **SHOULD** be selected from ValueSet **Nutritional Status** urn:oid:2.16.840.1.113883.1.11.20.2.7 **DYNAMIC** (CONF:1098-29854).
9. **SHALL** contain at least one [1..*] **entryRelationship** (CONF:1098-30323) such that it
   a. **SHALL** contain exactly one [1..1] **@typeCode**="SUBJ" Has subject (CONF:1098-30335).
   b. **SHALL** contain exactly one [1..1] **Nutrition Assessment** (identifier: urn:oid:2.16.840.1.113883.10.20.22.4.138) (CONF:1098-30336).

Table 369: Nutritional Status

Value Set: Nutritional Status urn:oid:2.16.840.1.113883.1.11.20.2.7

(Clinical Focus: A Value Set of SNOMED-CT codes representing nutrition problems.),(Data Element Scope: Condition),(Inclusion Criteria: Individually identified conditions that in some way may provide insight into the patient's nutritional status.),(Exclusion Criteria:)

This value set was imported on 6/25/2019 with a version of 20190319.
Value Set Source:
https://vsac.nlm.nih.gov/valueset/2.16.840.1.113883.1.11.20.2.7/expansion

Code	Code System	Code System OID	Print Name
105726004	SNOMED CT	urn:oid:2.16.840.1.113883.6.96	Age AND/OR growth finding (finding)
107647005	SNOMED CT	urn:oid:2.16.840.1.113883.6.96	Weight finding (finding)
129689002	SNOMED CT	urn:oid:2.16.840.1.113883.6.96	At risk for nutritional problem (finding)
129845004	SNOMED CT	urn:oid:2.16.840.1.113883.6.96	At risk for imbalanced nutrition, less than body requirements (finding)
162020001	SNOMED CT	urn:oid:2.16.840.1.113883.6.96	Difficulty chewing (finding)
1881003	SNOMED CT	urn:oid:2.16.840.1.113883.6.96	Increased nutritional requirement (finding)
206568009	SNOMED CT	urn:oid:2.16.840.1.113883.6.96	Difficulty in feeding at breast (finding)
248324001	SNOMED CT	urn:oid:2.16.840.1.113883.6.96	Well nourished (finding)
284670008	SNOMED CT	urn:oid:2.16.840.1.113883.6.96	Nutritionally compromised (finding)
288939007	SNOMED CT	urn:oid:2.16.840.1.113883.6.96	Difficulty swallowing (finding)
...			

```
<observation classCode="OBS" moodCode="EVN">
    <!--  Nutritional Status Observation -->
    <templateId root="2.16.840.1.113883.10.20.22.4.124" />
    <id root="c12ecaaf-53f8-4593-8f79-359aeaa3948b" />
    <code code="75305-3"
          displayName="Nutrition status"
          codeSystem="2.16.840.1.113883.6.1"
          codeSystemName="LOINC">
        <originalText>Nutritional Status</originalText>
    </code>
    <statusCode code="completed" />
    <effectiveTime value="20130512" />
    <value xsi:type="CD" code="248324001"
          codeSystem="2.16.840.1.113883.6.96"
          codeSystemName="SNOMED-CT"
          displayName="well nourished" />
    <entryRelationship typeCode="SUBJ">
        <observation classCode="OBS" moodCode="EVN">
            <!-- ** Nutrition Assessment** -->
            <templateId root="2.16.840.1.113883.10.20.22.4.138" />
            ...
        </observation>

        <observation classCode="OBS" moodCode="EVN">
            <!-- ** Nutrition Assessment** -->
            <templateId root="2.16.840.1.113883.10.20.22.4.138" />
            ...
        </observation>
    </entryRelationship>
</observation>
```

3.60 Outcome Observation

```
[observation: identifier urn:oid:2.16.840.1.113883.10.20.22.4.144 (open)]
```

Table 370: Outcome Observation Contexts

Contained By:	Contains:
Health Status Evaluations and Outcomes Section (required)	Progress Toward Goal Observation (optional) Author Participation (optional) Entry Reference (optional) External Document Reference (optional)

This template represents the outcome of care resulting from the interventions used to treat the patient. In the Care Planning workflow, the judgment about how well the person is progressing towards the goal is based on the observations made about the status of the patient with respect to interventions performed in the pursuit of achieving that goal.

Often thought of as an "actual outcome", the Outcome Observation may be related to goals, progression toward goals, and the associated interventions. For example, an observation outcome of a