

Figure 177: Number of Pressure Ulcers Observation (V3) Example

```
<entryRelationship typeCode="COMP">
  <observation classCode="OBS" moodCode="EVN">
    <!-- Number of Pressure Ulcers -->
    <templateId root="2.16.840.1.113883.10.20.22.4.76" extension="2015-08-01"/>
    <id root="08edb7c0-2111-43f2-a784-9a5fdfaa67f0" />
    <code code="2264892003" displayName="Number of pressure ulcers"
          codeSystem="2.16.840.1.113883.6.96" codeSystemName="SNOMED
CT">
      <translation code="75277-4"
                    displayName="Number of pressure ulcers"
                    codeSystem="2.16.840.1.113883.6.1"
                    codeSystemName="LOINC"></translation>
    </code>
    <statusCode code="completed" />
    <value xsi:type="INT" value="3" />
    <entryRelationship typeCode="SUBJ">
      <observation classCode="OBS" moodCode="EVN">
        <code code="ASSERTION" codeSystem="2.16.840.1.113883.5.4" />
        <value xsi:type="CD" code="421927004" codeSystem="2.16.840.1.113883.6.96"
              displayName="Pressure ulcer stage 3" />
      </observation>
    </entryRelationship>
  </observation>
</entryRelationship>
```

3.57 Nutrition Assessment

[observation: identifier urn:oid:2.16.840.1.113883.10.20.22.4.138 (open)]

Table 359: Nutrition Assessment Contexts

Contained By:	Contains:
Nutritional Status Observation (required) Health Concern Act (V2) (optional) Risk Concern Act (V2) (optional)	Author Participation (optional)

This template represents the patient's nutrition abilities and habits including intake, diet requirements or diet followed.

Table 360: Nutrition Assessment Constraints Overview

XPath	Card.	Verb	Data Type	CONF#	Value
observation (identifier: urn:oid:2.16.840.1.113883.10.20.22.4.138)					
@classCode	1..1	SHALL		1098-32914	urn:oid:2.16.840.1.113883.5.6 (HL7ActClass) = OBS
@moodCode	1..1	SHALL		1098-32915	urn:oid:2.16.840.1.113883.5.1001 (HL7ActMood) = EVN
templateId	1..1	SHALL		1098-32916	
@root	1..1	SHALL		1098-32917	2.16.840.1.113883.10.20.22.4.138
id	1..*	SHALL		1098-32918	
code	1..1	SHALL		1098-32919	
@code	1..1	SHALL		1098-32926	75303-8
@codeSystem	1..1	SHALL		1098-32927	urn:oid:2.16.840.1.113883.6.1 (LOINC) = 2.16.840.1.113883.6.1
statusCode	1..1	SHALL		1098-32920	
@code	1..1	SHALL		1098-32921	urn:oid:2.16.840.1.113883.5.14 (HL7ActStatus) = completed
effectiveTime	1..1	SHALL		1098-32923	
value	1..1	SHALL		1098-32922	
author	0..*	SHOULD		1098-32924	Author Participation (identifier: urn:oid:2.16.840.1.113883.10.20.22.4.119)

1. **SHALL** contain exactly one [1..1] **@classCode**="OBS" Observation (CodeSystem: HL7ActClass urn:oid:2.16.840.1.113883.5.6 **STATIC**) (CONF:1098-32914).
2. **SHALL** contain exactly one [1..1] **@moodCode**="EVN" Event (CodeSystem: HL7ActMood urn:oid:2.16.840.1.113883.5.1001 **STATIC**) (CONF:1098-32915).
3. **SHALL** contain exactly one [1..1] **templateId** (CONF:1098-32916) such that it
 - a. **SHALL** contain exactly one [1..1] **@root**="2.16.840.1.113883.10.20.22.4.138" (CONF:1098-32917).
4. **SHALL** contain at least one [1..*] **id** (CONF:1098-32918).
5. **SHALL** contain exactly one [1..1] **code** (CONF:1098-32919).
 - a. This code **SHALL** contain exactly one [1..1] **@code**="75303-8" Nutrition assessment (CONF:1098-32926).

- 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:1098-32927).
6. **SHALL** contain exactly one [1..1] **statusCode** (CONF:1098-32920).
 - 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:1098-32921).
7. **SHALL** contain exactly one [1..1] **effectiveTime** (CONF:1098-32923).
8. **SHALL** contain exactly one [1..1] **value** (CONF:1098-32922).
 - a. If xsi:type="CD", **SHOULD** contain a code from SNOMED CT (CodeSystem: 2.16.840.1.113883.6.96) (CONF:1098-32925).
9. **SHOULD** contain zero or more [0..*] **Author Participation** (identifier: urn:oid:2.16.840.1.113883.10.20.22.4.119) (CONF:1098-32924).

Figure 178: Nutrition Assessment Example

```

<entryRelationship typeCode="SUBJ">
  <observation classCode="OBS" moodCode="EVN">
    <!-- ** Nutrition Assessment** -->
    <templateId root="2.16.840.1.113883.10.20.22.4.138" />
    <id root="ab1791b0-5c71-11db-b0de-0800200c9a66" />
    <code code="75303-8"
      displayName="Nutrition assessment"
      codeSystem="2.16.840.1.113883.6.1"
      codeSystemName="LOINC" />
    <statusCode code="completed" />
    <effectiveTime value="20130512" />
    <value xsi:type="CD" code="437421000124105"
      displayName="Decreased sodium diet (regime/therapy)"
      codeSystem="2.16.840.1.113883.6.96"
      codeSystemName="SNOMED CT" />
    <author typeCode="AUT">
      <templateId root="2.16.840.1.113883.10.20.22.4.119" />
      <time value="201300512" />
      ...
    </author>
  </observation>
</entryRelationship>

```

3.58 Nutrition Recommendation

[act: identifier urn:oid:2.16.840.1.113883.10.20.22.4.130 (open)]

Table 361: Nutrition Recommendation Contexts

Contained By:	Contains:
Plan of Treatment Section (V2) (optional) Planned Intervention Act (V2) (optional) Intervention Act (V2) (optional)	Planned Act (V2) (optional) Planned Encounter (V2) (optional) Planned Procedure (V2) (optional) Planned Observation (V2) (optional) Planned Supply (V2) (optional) Planned Medication Activity (V2) (optional)

This template represents nutrition regimens (e.g., fluid restrictions, calorie minimum), interventions (e.g., NPO, nutritional supplements), and procedures (e.g., G-Tube by bolus, TPN by central line). It may also depict the need for nutrition education.