

### 3.17 Criticality Observation

[observation: identifier urn:oid:2.16.840.1.113883.10.20.22.4.145 (open)]

**Table 257: Criticality Observation Contexts**

Contained By:	Contains:
<a href="#">Allergy - Intolerance Observation (V2)</a> (optional) <a href="#">Substance or Device Allergy - Intolerance Observation (V2)</a> (optional)	

This observation represents the gravity of the potential risk for future life-threatening adverse reactions when exposed to a substance known to cause an adverse reaction in that individual. When the worst case result is assessed to have a life-threatening or organ system threatening potential, it is considered to be of high criticality.

**Table 258: Criticality Observation Constraints Overview**

XPath	Card.	Verb	Data Type	CONF#	Value
observation (identifier: urn:oid:2.16.840.1.113883.10.20.22.4.145)					
@classCode	1..1	SHALL		<a href="#">81-32921</a>	urn:oid:2.16.840.1.113883.5.6 (HL7ActClass) = OBS
@moodCode	1..1	SHALL		<a href="#">81-32922</a>	urn:oid:2.16.840.1.113883.5.1001 (HL7ActMood) = EVN
templateId	1..1	SHALL		<a href="#">81-32918</a>	
@root	1..1	SHALL		<a href="#">81-32923</a>	2.16.840.1.113883.10.20.22.4.145
code	1..1	SHALL		<a href="#">81-32919</a>	
@code	1..1	SHALL		<a href="#">81-32925</a>	82606-5
@codeSystem	1..1	SHALL		<a href="#">81-32926</a>	urn:oid:2.16.840.1.113883.6.1 (LOINC) = 2.16.840.1.113883.6.1
statusCode	1..1	SHALL		<a href="#">81-32920</a>	
@code	1..1	SHALL		<a href="#">81-32927</a>	urn:oid:2.16.840.1.113883.5.14 (HL7ActStatus) = completed
value	1..1	SHALL	CD	<a href="#">81-32928</a>	urn:oid:2.16.840.1.113883.1.11.20549 (Criticality Observation)

1. **SHALL** contain exactly one [1..1] **@classCode**="OBS" Observation (CodeSystem: HL7ActClass urn:oid:2.16.840.1.113883.5.6 **STATIC**) (CONF:81-32921).
2. **SHALL** contain exactly one [1..1] **@moodCode**="EVN" Event (CodeSystem: HL7ActMood urn:oid:2.16.840.1.113883.5.1001 **STATIC**) (CONF:81-32922).
3. **SHALL** contain exactly one [1..1] **templateId** (CONF:81-32918) such that it
  - a. **SHALL** contain exactly one [1..1] **@root**="2.16.840.1.113883.10.20.22.4.145" (CONF:81-32923).
4. **SHALL** contain exactly one [1..1] **code** (CONF:81-32919).

- a. This code **SHALL** contain exactly one [1..1] @code="82606-5" Criticality (CONF:81-32925).
- 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:81-32926).
5. **SHALL** contain exactly one [1..1] statusCode (CONF:81-32920).
  - 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:81-32927).
6. **SHALL** contain exactly one [1..1] value with @xsi:type="CD", where the code **SHALL** be selected from ValueSet Criticality Observation urn:oid:2.16.840.1.113883.1.11.20549 **DYNAMIC** (CONF:81-32928).

**Table 259: Criticality Observation**

Value Set: Criticality Observation urn:oid:2.16.840.1.113883.1.11.20549 (Clinical Focus: A clinical judgment as to the worst case result of a future exposure (including substance administration).),(Data Element Scope: observation),(Inclusion Criteria: All descendant codes from _CriticalityObservationValue in code system ObservationValue),(Exclusion Criteria: none)  This value set was imported on 6/24/2019 with a version of 20190425. Value Set Source: <a href="https://vsac.nlm.nih.gov/valueset/2.16.840.1.113883.1.11.20549/expansion">https://vsac.nlm.nih.gov/valueset/2.16.840.1.113883.1.11.20549/expansion</a>			
Code	Code System	Code System OID	Print Name
CRITH	HL7ObservationValue	urn:oid:2.16.840.1.113883.5.1063	high criticality
CRITL	HL7ObservationValue	urn:oid:2.16.840.1.113883.5.1063	low criticality
CRITU	HL7ObservationValue	urn:oid:2.16.840.1.113883.5.1063	unable to assess criticality

**Figure 137: Criticality Observation Example**

```

<observation classCode="OBS" moodCode="EVN">
  <templateId root="2.16.840.1.113883.10.20.22.4.145"/>
  <code code="82606-5" codeSystem="2.16.840.1.113883.6.1"
    displayName="Criticality" />
  <text>
    <reference value="#criticality"/>
  </text>
  <statusCode code="completed"/>
  <value xsi:type="CD" code="CRITH" displayName="high criticality"
    codeSystem="2.16.840.1.113883.5.10.63"
    codeSystemName="HL7ObservationValue"/>
</observation>

```

### 3.18 Cultural and Religious Observation

[observation: identifier urn:oid:2.16.840.1.113883.10.20.22.4.111 (open)]

**Table 260: Cultural and Religious Observation Contexts**

Contained By:	Contains:
<a href="#">Health Concern Act (V2)</a> (optional) <a href="#">Risk Concern Act (V2)</a> (optional) <a href="#">Social History Section (V3)</a> (optional)	

This template represents a patient's spiritual, religious, and cultural belief practices, such as a kosher diet or fasting ritual. religiousAffiliationCode in the document header captures only the patient's religious affiliation.

**Table 261: Cultural and Religious Observation Constraints Overview**

XPath	Card.	Verb	Data Type	CONF#	Value
observation (identifier: urn:oid:2.16.840.1.113883.10.20.22.4.111)					
@classCode	1..1	SHALL		<a href="#">1098-27924</a>	urn:oid:2.16.840.1.113883.5.6 (HL7ActClass) = OBS
@moodCode	1..1	SHALL		<a href="#">1098-27925</a>	urn:oid:2.16.840.1.113883.5.1001 (HL7ActMood) = EVN
templateId	1..1	SHALL		<a href="#">1098-27926</a>	
@root	1..1	SHALL		<a href="#">1098-27927</a>	2.16.840.1.113883.10.20.22.4.111
id	1..*	SHALL		<a href="#">1098-27928</a>	
code	1..1	SHALL		<a href="#">1098-27929</a>	
@code	1..1	SHALL		<a href="#">1098-27930</a>	75281-6
@codeSystem	1..1	SHALL		<a href="#">1098-27931</a>	urn:oid:2.16.840.1.113883.6.1 (LOINC) = 2.16.840.1.113883.6.1
statusCode	1..1	SHALL		<a href="#">1098-27936</a>	
@code	1..1	SHALL		<a href="#">1098-27937</a>	urn:oid:2.16.840.1.113883.5.14 (HL7ActStatus) = completed
value	1..1	SHALL		<a href="#">1098-28442</a>	

1. **SHALL** contain exactly one [1..1] @classCode="OBS" Observation (CodeSystem: HL7ActClass urn:oid:2.16.840.1.113883.5.6 **STATIC**) (CONF:1098-27924).
2. **SHALL** contain exactly one [1..1] @moodCode="EVN" Event (CodeSystem: HL7ActMood urn:oid:2.16.840.1.113883.5.1001 **STATIC**) (CONF:1098-27925).