3.17 Criticality Observation

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

Table 256: Criticality Observation Contexts

Contained By:	Contains:
[Allergy - Intolerance Observation (V2)](#) (optional) [Substance or Device Allergy - Intolerance Observation (V2)](#) (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 257: 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		[81-32921](#)	urn:oid:2.16.840.1.113883.5.6 (HL7ActClass) = OBS
@moodCode	1..1	SHALL		[81-32922](#)	urn:oid:2.16.840.1.113883.5.1001 (HL7ActMood) = EVN
templateId	1..1	SHALL		[81-32918](#)	
@root	1..1	SHALL		[81-32923](#)	2.16.840.1.113883.10.20.22.4.145
code	1..1	SHALL		[81-32919](#)	
@code	1..1	SHALL		[81-32925](#)	82606-5
@codeSystem	1..1	SHALL		[81-32926](#)	urn:oid:2.16.840.1.113883.6.1 (LOINC) = 2.16.840.1.113883.6.1
statusCode	1..1	SHALL		[81-32920](#)	
@code	1..1	SHALL		[81-32927](#)	urn:oid:2.16.840.1.113883.5.14 (HL7ActStatus) = completed
value	1..1	SHALL	CD	[81-32928](#)	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 258: 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:
https://vsac.nlm.nih.gov/valueset/2.16.840.1.113883.1.11.20549/expansion

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="High" displayName="High Criticality - NEED PROPER
            CODE" codeSystem="2.16.840.1.113883.6.96"
            codeSystemName="SNOMED CT"/>
</observation>
```

3.18 Cultural and Religious Observation

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

Table 259: Cultural and Religious Observation Contexts

Contained By:	Contains:
Health Concern Act (V2) (optional) Risk Concern Act (V2) (optional) Social History Section (V3) (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 260: 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		1098-27924	urn:oid:2.16.840.1.113883.5.6 (HL7ActClass) = OBS
@moodCode	1..1	SHALL		1098-27925	urn:oid:2.16.840.1.113883.5.1001 (HL7ActMood) = EVN
templateId	1..1	SHALL		1098-27926	
@root	1..1	SHALL		1098-27927	2.16.840.1.113883.10.20.22.4.111
id	1..*	SHALL		1098-27928	
code	1..1	SHALL		1098-27929	
@code	1..1	SHALL		1098-27930	75281-6
@codeSystem	1..1	SHALL		1098-27931	urn:oid:2.16.840.1.113883.6.1 (LOINC) = 2.16.840.1.113883.6.1
statusCode	1..1	SHALL		1098-27936	
@code	1..1	SHALL		1098-27937	urn:oid:2.16.840.1.113883.5.14 (HL7ActStatus) = completed
value	1..1	SHALL		1098-28442	

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).
3. **SHALL** contain exactly one [1..1] **templateId** (CONF:1098-27926) such that it