3.101 Social History Observation (V3)

[observation: identifier urn:hl7ii:2.16.840.1.113883.10.20.22.4.38:2015-08-01 (open)]

Table 483: Social History Observation (V3) Contexts

Contained By:	Contains:
Health Concern Act (V2) (optional) Risk Concern Act (V2) (optional) Social History Section (V3) (optional)	Author Participation (optional)

This template represents a patient's occupations, lifestyle, and environmental health risk factors. Demographic data (e.g., marital status, race, ethnicity, religious affiliation) are captured in the header. Though tobacco use and exposure may be represented with a Social History Observation, it is recommended to use the Current Smoking Status template or the Tobacco Use template instead, to represent smoking or tobacco habits.

Table 484: Social History Observation (V3) Constraints Overview

XPath	Card.	Verb	Data Type	CONF#	Value
observation (identifier: urn:hl7ii:2.16.840.1.113883.10.20.22.4.38:2015-08-01)					
@classCode	1..1	SHALL		1198-8548	urn:oid:2.16.840.1.113883.5.6 (HL7ActClass) = OBS
@moodCode	1..1	SHALL		1198-8549	urn:oid:2.16.840.1.113883.5.1001 (HL7ActMood) = EVN
templateId	1..1	SHALL		1198-8550	
@root	1..1	SHALL		1198-10526	2.16.840.1.113883.10.20.22.4.38
@extension	1..1	SHALL		1198-32495	2015-08-01
id	1..*	SHALL		1198-8551	
code	1..1	SHALL		1198-8558	urn:oid:2.16.840.1.113883.3.88.12.80.60 (Social History Type)
statusCode	1..1	SHALL		1198-8553	
@code	1..1	SHALL		1198-19117	urn:oid:2.16.840.1.113883.5.14 (HL7ActStatus) = completed
effectiveTime	1..1	SHALL		1198-31868	
value	0..1	SHOULD		1198-8559	
author	0..*	SHOULD		1198-31869	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:1198-8548).
2. **SHALL** contain exactly one [1..1] **@moodCode**="EVN" Event (CodeSystem: HL7ActMood urn:oid:2.16.840.1.113883.5.1001 **STATIC**) (CONF:1198-8549).
3. **SHALL** contain exactly one [1..1] **templateId** (CONF:1198-8550) such that it
   a. **SHALL** contain exactly one [1..1] **@root**="2.16.840.1.113883.10.20.22.4.38" (CONF:1198-10526).
   b. **SHALL** contain exactly one [1..1] **@extension**="2015-08-01" (CONF:1198-32495).
4. **SHALL** contain at least one [1..*] **id** (CONF:1198-8551).
5. **SHALL** contain exactly one [1..1] **code**, which **SHOULD** be selected from ValueSet **Social History Type** urn:oid:2.16.840.1.113883.3.88.12.80.60 **DYNAMIC** (CONF:1198-8558).
   a. If @codeSystem is not LOINC, then this code **SHALL** contain at least one [1..*] translation, which **SHOULD** be selected from CodeSystem LOINC (urn:oid:2.16.840.1.113883.6.1) (CONF:1198-32951).

6. **SHALL** contain exactly one [1..1] **statusCode** (CONF:1198-8553).
   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:1198-19117).
7. **SHALL** contain exactly one [1..1] **effectiveTime** (CONF:1198-31868).
8. **SHOULD** contain zero or one [0..1] **value** (CONF:1198-8559).
   a. If Observation/value is a physical quantity (xsi:type="PQ"), the unit of measure **SHALL** be selected from ValueSet UnitsOfMeasureCaseSensitive (2.16.840.1.113883.1.11.12839) *DYNAMIC* (CONF:1198-8555).
9. **SHOULD** contain zero or more [0..*] **Author Participation** (identifier: urn:oid:2.16.840.1.113883.10.20.22.4.119) (CONF:1198-31869).

Table 485: Social History Type

Value Set: Social History Type urn:oid:2.16.840.1.113883.3.88.12.80.60
(Clinical Focus: Classification of questions bearing on a patient's behavior, achievement, and exogenous health factors),(Data Element Scope:),(Inclusion Criteria:),(Exclusion Criteria:)

This value set was imported on 6/29/2019 with a version of 20190319.
Value Set Source:
https://vsac.nlm.nih.gov/valueset/2.16.840.1.113883.3.88.12.80.60/expansion

Code	Code System	Code System OID	Print Name
102487004	SNOMED CT	urn:oid:2.16.840.1.113883.6.96	Environmental risk factor (observable entity)
105421008	SNOMED CT	urn:oid:2.16.840.1.113883.6.96	Educational achievement (observable entity)
160573003	SNOMED CT	urn:oid:2.16.840.1.113883.6.96	Alcohol intake (observable entity)
228272008	SNOMED CT	urn:oid:2.16.840.1.113883.6.96	Health-related behavior (observable entity)
229819007	SNOMED CT	urn:oid:2.16.840.1.113883.6.96	Tobacco use and exposure (observable entity)
256235009	SNOMED CT	urn:oid:2.16.840.1.113883.6.96	Exercise (observable entity)
302160007	SNOMED CT	urn:oid:2.16.840.1.113883.6.96	Household, family and support network detail (observable entity)
363908000	SNOMED CT	urn:oid:2.16.840.1.113883.6.96	Details of drug misuse behavior (observable entity)
364393001	SNOMED CT	urn:oid:2.16.840.1.113883.6.96	Nutritional observable (observable entity)
364703007	SNOMED CT	urn:oid:2.16.840.1.113883.6.96	Employment detail (observable entity)
...			

Figure 221: Social History Observation (V3) Example

```
<observation classCode="OBS" moodCode="EVN">
    <templateId root="2.16.840.1.113883.10.20.22.4.38"
        extension="2015-08-01" />
    <id root="37f76c51-6411-4e1d-8a37-957fd49d2cef" />
    <code code="160573003" displayName="Alcohol intake"
                            codeSystem="2.16.840.1.113883.6.96"
                            codeSystemName="SNOMED CT">
        <translation code="74013-4"
        codeSystem="2.16.840.1.113883.6.1"
        codeSystemName="LOINC"
        displayName="Alcoholic drinks per day"></translation>
        <statusCode code="completed" />
        <effectiveTime>
            <low value="20120215" />
        </effectiveTime>
        <value xsi:type="PQ" value="12" />
        <author typeCode="AUT">
            <templateId root="2.16.840.1.113883.10.20.22.4.119" />
...

        </author>
    </observation>
```

3.102 SOP Instance Observation

[observation: identifier urn:oid:2.16.840.1.113883.10.20.6.2.8 (open)]

Table 486: SOP Instance Observation Contexts

Contained By:	Contains:
Series Act (required) Text Observation (optional) Code Observations (optional) Quantity Measurement Observation (optional) Diagnostic Imaging Report (V3) (optional)	Purpose of Reference Observation (optional) Referenced Frames Observation (optional)

A SOP Instance Observation contains the DICOM Service Object Pair (SOP) Instance information for referenced DICOM composite objects. The SOP Instance act class is used to reference both image and non-image DICOM instances. The text attribute contains the DICOM WADO reference.