

**Figure 59: Gender Identity Observation Example**

```
<observation classCode="OBS" moodCode="EVN">
  <templateId root="2.16.840.1.113883.10.20.22.4.38" extension="2022-06-01"/>
  <!-- Gender Identity Observation -->
  <templateId root="2.16.840.1.113883.10.20.34.3.45" extension="2023-05-01" />
  <id root="5501b49a-32ea-4c78-9c31-3dbe782871b7" />
  <code code="76691-5"
    displayName="Gender identity"
    codeSystem="2.16.840.1.113883.6.1"
    codeSystemName="LOINC" />
  <statusCode code="completed" />
  <effectiveTime>
    <low value="20180703" />
  </effectiveTime>
  <value xsi:type="CD" code="446141000124107"
    displayName="Identifies as female gender (finding)"
    codeSystem="2.16.840.1.113883.6.96"
    codeSystemName="SNOMED CT" />
</observation>
```

### 3.26.4 Sexual Orientation Observation (V2)

```
[observation: identifier urn:hl7ii:2.16.840.1.113883.10.20.22.4.501:2023-05-01 (open)]
```

This observation represents the sexual orientation of the patient, defined as:

A person's identification of their emotional, romantic, sexual, or affectional attraction to another person.

This template was informed by the HL7 Gender Harmony project.

This observation is not appropriate for recording patient gender (administrativeGender), Gender Identity (Gender Identity Observation), or birth sex (Birth Sex Observation).

**Table 92: Sexual Orientation Observation (V2) Constraints Overview**

XPath	Card.	Verb	Data Type	CONF#	Value
observation (identifier: urn:hl7ii:2.16.840.1.113883.10.20.22.4.501:2023-05-01)					
@classCode	1..1	SHALL		<a href="#">4537-193</a>	urn:oid:2.16.840.1.113883.5.6 (HL7ActClass) = OBS
@moodCode	1..1	SHALL		<a href="#">4537-194</a>	urn:oid:2.16.840.1.113883.5.1001 (HL7ActMood) = EVN
templateId	1..1	SHALL		<a href="#">4537-185</a>	
@root	1..1	SHALL		<a href="#">4537-188</a>	2.16.840.1.113883.10.20.22.4.501
@extension	1..1	SHALL		<a href="#">4537-189</a>	2023-05-01
code	1..1	SHALL		<a href="#">4537-186</a>	
@code	1..1	SHALL		<a href="#">4537-190</a>	76690-7
@codeSystem	1..1	SHALL		<a href="#">4537-191</a>	urn:oid:2.16.840.1.113883.6.1 (LOINC) = 2.16.840.1.113883.6.1
statusCode	1..1	SHALL		<a href="#">4537-32881</a>	
@code	1..1	SHALL		<a href="#">4537-33073</a>	urn:oid:2.16.840.1.113883.5.14 (HL7ActStatus) = completed
effectiveTime	1..1	SHALL		<a href="#">4537-33072</a>	
low	1..1	SHALL		<a href="#">4537-33074</a>	
high	0..1	MAY		<a href="#">4537-33075</a>	
value	1..1	SHALL	CD	<a href="#">4537-187</a>	urn:oid:2.16.840.1.113762.1.4.1021.33 (Sexual Orientation)
@nullFlavor	0..1	MAY		<a href="#">4537-192</a>	urn:oid:2.16.840.1.113762.1.4.1021.103 (Other or unknown or refused to answer)

1. Conforms to [Social History Observation \(V4\)](#) template (identifier: urn:hl7ii:2.16.840.1.113883.10.20.22.4.38:2022-06-01).
2. **SHALL** contain exactly one [1..1] @classCode="OBS" (CodeSystem: HL7ActClass urn:oid:2.16.840.1.113883.5.6 **STATIC**) (CONF:4537-193).
3. **SHALL** contain exactly one [1..1] @moodCode="EVN" (CodeSystem: HL7ActMood urn:oid:2.16.840.1.113883.5.1001 **STATIC**) (CONF:4537-194).
4. **SHALL** contain exactly one [1..1] templateId (CONF:4537-185) such that it
  - a. **SHALL** contain exactly one [1..1] @root="2.16.840.1.113883.10.20.22.4.501" (CONF:4537-188).
  - b. **SHALL** contain exactly one [1..1] @extension="2023-05-01" (CONF:4537-189).
5. **SHALL** contain exactly one [1..1] code (CONF:4537-186).

- a. This code **SHALL** contain exactly one [1..1] @code="76690-7" Sexual Orientation (CONF:4537-190).
- 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 **STATIC**) (CONF:4537-191).
6. **SHALL** contain exactly one [1..1] statusCode (CONF:4537-32881).
  - a. This statusCode **SHALL** contain exactly one [1..1] @code="completed" (CodeSystem: HL7ActStatus urn:oid:2.16.840.1.113883.5.14) (CONF:4537-33073).
7. **SHALL** contain exactly one [1..1] effectiveTime (CONF:4537-33072).

The effectiveTime represents the relevant time of the observation. A patient's "sexual orientation" may change and using effectiveTime/low and effectiveTime/high defines the time during which the patient had identified their emotional, romantic, sexual, or affectional attraction to another person.

- a. This effectiveTime **SHALL** contain exactly one [1..1] low (CONF:4537-33074).
- b. This effectiveTime **MAY** contain zero or one [0..1] high (CONF:4537-33075).
8. **SHALL** contain exactly one [1..1] value with @xsi:type="CD", where the code **SHALL** be selected from ValueSet [Sexual Orientation](#) urn:oid:2.16.840.1.113762.1.4.1021.33 **DYNAMIC** (CONF:4537-187).

To represent additional orientations, set nullFlavor="OTH". To represent "choose not to disclose", set nullFlavor="ASKU". To represent "Don't know", set nullFlavor="UNK"

- a. This value **MAY** contain zero or one [0..1] @nullFlavor, which **SHOULD** be selected from ValueSet [Other or unknown or refused to answer](#) urn:oid:2.16.840.1.113762.1.4.1021.103 **DYNAMIC** (CONF:4537-192).

**Table 93: Sexual Orientation**

Value Set: Sexual Orientation urn:oid:2.16.840.1.113762.1.4.1021.33 (Clinical Focus: Concepts used to describe how a person characterizes their emotional and sexual attraction to others.), (Data Element Scope: Sexual orientation), (Inclusion Criteria: Concepts that can describe the type of interpersonal relationship the person tends to desire.), (Exclusion Criteria: Concepts that describe gender identity.)  This value set was imported on 11/23/2021 with a version of Latest. Value Set Source: <a href="https://vsac.nlm.nih.gov/valueset/2.16.840.1.113762.1.4.1021.33/expansion">https://vsac.nlm.nih.gov/valueset/2.16.840.1.113762.1.4.1021.33/expansion</a>			
Code	Code System	Code System OID	Print Name
20430005	SNOMED CT	urn:oid:2.16.840.1.113883.6.96	Heterosexual (finding)
38628009	SNOMED CT	urn:oid:2.16.840.1.113883.6.96	Homosexual (finding)
42035005	SNOMED CT	urn:oid:2.16.840.1.113883.6.96	Bisexual (finding)
765288000	SNOMED CT	urn:oid:2.16.840.1.113883.6.96	Sexually attracted to neither male nor female sex (finding)

**Table 94: Other or unknown or refused to answer**

Value Set: Other or unknown or refused to answer urn:oid:2.16.840.1.113762.1.4.1021.103 (Clinical Focus: Concepts that represent general ideas of a choice other than those provided, or the value is unknown by the data enterer, or the informant refused to answer),(Data Element Scope: ),(Inclusion Criteria: ),(Exclusion Criteria: )  This value set was imported on 11/16/2021 with a version of Latest. Value Set Source: <a href="https://vsac.nlm.nih.gov/valueset/2.16.840.1.113762.1.4.1021.103/expansion">https://vsac.nlm.nih.gov/valueset/2.16.840.1.113762.1.4.1021.103/expansion</a>			
Code	Code System	Code System OID	Print Name
ASKU	HL7NullFlavor	urn:oid:2.16.840.1.113883.5.1008	asked but unknown
OTH	HL7NullFlavor	urn:oid:2.16.840.1.113883.5.1008	other
UNK	HL7NullFlavor	urn:oid:2.16.840.1.113883.5.1008	unknown

**Figure 60: Sexual Orientation Observation Example**

<pre>&lt;observation classCode="OBS" moodCode="EVN"&gt;   &lt;templateId root="2.16.840.1.113883.10.20.22.4.38" extension="2022-06-01"/&gt;   &lt;templateId root="2.16.840.1.113883.10.20.22.4.501" extension="2023-05-01"/&gt;   &lt;id root="7919e027-592e-4f22-9344-12460ec8c368" /&gt;   &lt;code code="76690-7"     displayName="Sexual Orientation"     codeSystem="2.16.840.1.113883.6.1"     codeSystemName="LOINC" /&gt;   &lt;statusCode code="completed" /&gt;   &lt;effectiveTime&gt;     &lt;low value="201211" /&gt;   &lt;/effectiveTime&gt;   &lt;value xsi:type="CD" code="20430005"     displayName="Heterosexual state"     codeSystem="2.16.840.1.113883.6.96"     codeSystemName="SNOMED CT" /&gt; &lt;/observation&gt;</pre>
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### 3.26.5 Tribal Affiliation Observation

[observation: identifier urn:hl7ii:2.16.840.1.113883.10.20.22.4.506:2023-05-01 (open)]

This template represents the tribe or band that an individual associates with, within the United States. It is recommended systems include the Tribal Affiliation Observation in the Social History section. The tribe or band name is drawn from an HL7 code system that aligns with the Indian entities list, a list of tribes or bands recognized by and eligible to receive services from the United States Bureau of Indian Affairs. This template does not represent tribal enrollment.

Please see [Indian Entities Recognized by and Eligible To Receive Services From the United States Bureau of Indian Affairs](#).