

86. **SHALL** contain exactly one [1..1] **statusCode**="completed" Completed (CodeSystem: HL7ActStatus urn:oid:2.16.840.1.113883.5.14) (CONF:4515-33006).
87. **SHALL** contain exactly one [1..1] **effectiveTime** (CONF:4515-33007).
- This effectiveTime **SHALL** contain exactly one [1..1] **@value** (CONF:4515-33008).
    - SHALL** be precise to at least the year (CONF:4515-33009).
  - This effectiveTime **SHALL NOT** contain [0..0] **low** (CONF:4515-33016).
  - This effectiveTime **SHALL NOT** contain [0..0] **high** (CONF:4515-33017).

**Figure 12: Date of Diagnosis Act Example**

```
<!-- INSIDE PROBLEM OBSERVATION -->
<entryRelationship typeCode="COMP">
  <act classCode="ACT" moodCode="EVN">
    <templateId root="2.16.840.1.113883.10.20.22.4.502" extension="2022-06-01"/>
    <code code="77975-1" codeSystem="2.16.840.1.113883.6.1"
      codeSystemName="LOINC"
      displayName="Earliest date of diagnosis"/>
    <text>
      <reference value="#ProblemObs_1_PS1"/>
    </text>
    <statusCode code="completed"/>
    <!-- SHALL to the year (MAY be more specific) -->
    <effectiveTime value="200802"/>
  </act>
</entryRelationship>
```

### 3.9 Gender Identity Observation (V3)

[observation: identifier urn:hl7ii:2.16.840.1.113883.10.20.34.3.45:2022-06-01 (open)]

This observation represents the gender identity of the patient, defined as:

"One's basic sense of being male, female, or other gender (for example, transgender or gender queer). Gender identity can be congruent or incongruent with one's sex assigned at birth based on the appearance of external genitalia." (Advancing Effective Communication, Cultural Competence, and Patient- and Family-Centered Care for the Lesbian, Gay, Bisexual, and Transgender (LGBT) Community—A Field Guide, The Joint Commission (2011).)

This template follows the guidelines from the HL7 Gender Harmony project . This template is based on C-CDA Social History Observation template.

This observation is not appropriate for recording patient gender (administrativeGender) or birth sex.

**Table 18: Gender Identity Observation (V3) Constraints Overview**

XPath	Card.	Verb	Data Type	CONF#	Value
observation (identifier: urn:hl7ii:2.16.840.1.113883.10.20.34.3.45:2022-06-01)					
@classCode	1..1	SHALL		<a href="#">4515-1230</a>	urn:oid:2.16.840.1.113883.5.6 (HL7ActClass) = OBS
@moodCode	1..1	SHALL		<a href="#">4515-1231</a>	urn:oid:2.16.840.1.113883.5.1001 (HL7ActMood) = EVN
templateId	1..1	SHALL		<a href="#">4515-1221</a>	
@root	1..1	SHALL		<a href="#">4515-1225</a>	2.16.840.1.113883.10.20.34.3.45
@extension	1..1	SHALL		<a href="#">4515-1226</a>	2022-06-01
code	1..1	SHALL		<a href="#">4515-1222</a>	
@code	1..1	SHALL		<a href="#">4515-1227</a>	76691-5
@codeSystem	1..1	SHALL		<a href="#">4515-1228</a>	urn:oid:2.16.840.1.113883.6.1 (LOINC) = 2.16.840.1.113883.6.1
statusCode	1..1	SHALL		<a href="#">4515-33031</a>	
@code	1..1	SHALL		<a href="#">4515-33032</a>	urn:oid:2.16.840.1.113883.5.14 (HL7ActStatus) = completed
effectiveTime	1..1	SHALL		<a href="#">4515-33033</a>	
low	1..1	SHALL		<a href="#">4515-33034</a>	
high	0..1	MAY		<a href="#">4515-33035</a>	
value	1..1	SHALL	CD	<a href="#">4515-1223</a>	urn:oid:2.16.840.1.113762.1.4.1021.101 (Gender Identity USCDI core)
@nullFlavor	0..1	MAY		<a href="#">4515-1232</a>	urn:oid:2.16.840.1.113762.1.4.1114.17 (Asked but Unknown and Other)

88. Conforms to Social History Observation (V3) template (identifier:

urn:hl7ii:2.16.840.1.113883.10.20.22.4.38:2015-08-01).

89. **SHALL** contain exactly one [1..1] **@classCode**="OBS" (CodeSystem: HL7ActClass urn:oid:2.16.840.1.113883.5.6 **STATIC**) (CONF:4515-1230).

90. **SHALL** contain exactly one [1..1] **@moodCode**="EVN" (CodeSystem: HL7ActMood urn:oid:2.16.840.1.113883.5.1001 **STATIC**) (CONF:4515-1231).

91. **SHALL** contain exactly one [1..1] **templateId** (CONF:4515-1221) such that it

- a. **SHALL** contain exactly one [1..1] **@root**="2.16.840.1.113883.10.20.34.3.45" (CONF:4515-1225).
  - b. **SHALL** contain exactly one [1..1] **@extension**="2022-06-01" (CONF:4515-1226).
92. **SHALL** contain exactly one [1..1] **code** (CONF:4515-1222).
- a. This code **SHALL** contain exactly one [1..1] **@code**="76691-5" Gender identity (CONF:4515-1227).
  - 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:4515-1228).
93. **SHALL** contain exactly one [1..1] **statusCode** (CONF:4515-33031).
- a. This statusCode **SHALL** contain exactly one [1..1] **@code**="completed" (CodeSystem: HL7ActStatus urn:oid:2.16.840.1.113883.5.14) (CONF:4515-33032).
94. **SHALL** contain exactly one [1..1] **effectiveTime** (CONF:4515-33033).
- The effectiveTime represents the relevant time of the observation. A patient's "gender identity" may change and using effectiveTime/low and effectiveTime/high defines the time during which the patient had identified as specified.
- a. This effectiveTime **SHALL** contain exactly one [1..1] **low** (CONF:4515-33034).
  - b. This effectiveTime **MAY** contain zero or one [0..1] **high** (CONF:4515-33035).
95. **SHALL** contain exactly one [1..1] **value** with **@xsi:type**="CD", where the code **SHALL** be selected from ValueSet [Gender Identity USCDI core](#) urn:oid:2.16.840.1.113762.1.4.1021.101 **DYNAMIC** (CONF:4515-1223).

To represent additional Gender Identities, set nullFlavor="OTH". To represent "choose not to disclose", set nullFlavor="ASKU".

- a. This value **MAY** contain zero or one [0..1] **@nullFlavor**, which **SHOULD** be selected from ValueSet [Asked but Unknown and Other](#) urn:oid:2.16.840.1.113762.1.4.1114.17 **DYNAMIC** (CONF:4515-1232).

**Figure 13: Gender Identity Observation Example**

```
<observation classCode="OBS" moodCode="EVN">
  <!-- Gender Identity Observation -->
  <templateId root="2.16.840.1.113883.10.20.34.3.45" extension="2019-04-01" />
  <templateId root="2.16.840.1.113883.10.20.34.3.45" extension="2022-06-01" />
  <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>
```