5. **SHALL** contain exactly one [1..1] `code`, which **SHALL** be selected from CodeSystem LOINC (urn:oid:2.16.840.1.113883.6.1) **DYNAMIC** (CONF:4515-19178).

6. **SHALL** contain exactly one [1..1] `statusCode` (CONF:4515-16720).
    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:4515-19089).

7. **SHALL** contain at least one [1..*] `value` (CONF:4515-16754).
    a. If xsi:type="CD", **MAY** have a translation code to further specify the source if the instrument has an applicable code system and value set for the integer (CONF:14639) (CONF:4515-16755).

Figure 22: Assessment Scale Supporting Observation Example

```
<observation classCode="OBS" moodCode="EVN">
    <templateId root="2.16.840.1.113883.10.20.22.4.86" extension="2022-06-01"/>
    <id root="f4dce790-8328-11db-9fe1-0800200c9a44"/>
    <code code="60715-0" displayName="Defensive Reaction - Head and Neck Response"
codeSystem="2.16.840.1.113883.6.1" codeSystemName="LOINC"/>
    <statusCode code="completed"/>
    <value xsi:type="INT" value="3"/>
</observation>
```

3.3 Birth Sex Observation (V2)

[observation: identifier urn:hl7ii:2.16.840.1.113883.10.20.22.4.200:2023-05-01 (open)]

This observation represents the sex of the patient at birth. It is the sex that is entered on the person's birth certificate at time of birth.

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

This observation is not appropriate for recording Gender Identity (GI).

It is recommended systems include the Birth Sex observation in the Social History section.

Table 29: Birth Sex Observation (V2) Constraints Overview

XPath	Card.	Verb	Data Type	CONF#	Value
observation (identifier: urn:hl7ii:2.16.840.1.113883.10.20.22.4.200:2023-05-01)					
@classCode	1..1	SHALL		4537-33041	urn:oid:2.16.840.1.113883.5.6 (HL7ActClass) = OBS
@moodCode	1..1	SHALL		4537-33042	urn:oid:2.16.840.1.113883.5.1001 (HL7ActMood) = EVN
templateId	1..1	SHALL		4537-33032	
@root	1..1	SHALL		4537-33036	2.16.840.1.113883.10.20.22.4.200
@extension	1..1	SHALL		4537-33037	2023-05-01
code	1..1	SHALL		4537-33033	
@code	1..1	SHALL		4537-33038	76689-9
@codeSystem	1..1	SHALL		4537-33039	urn:oid:2.16.840.1.113883.6.1 (LOINC) = 2.16.840.1.113883.6.1
statusCode	1..1	SHALL		4537-33031	
@code	1..1	SHALL		4537-33035	urn:oid:2.16.840.1.113883.5.14 (HL7ActStatus) = completed
effectiveTime	1..1	SHALL		4537-33043	
low	1..1	SHALL NOT		4537-33044	
width	1..1	SHALL NOT		4537-33045	
high	1..1	SHALL NOT		4537-33046	
center	1..1	SHALL NOT		4537-33047	
value	1..1	SHALL	CD	4537-33034	urn:oid:2.16.840.1.113762.1.4.1 (ONC Administrative Sex)

1. **SHALL** contain exactly one [1..1] **@classCode**="OBS" (CodeSystem: HL7ActClass urn:oid:2.16.840.1.113883.5.6 **STATIC**) (CONF:4537-33041).

2. **SHALL** contain exactly one [1..1] **@moodCode**="EVN" (CodeSystem: HL7ActMood urn:oid:2.16.840.1.113883.5.1001 **STATIC**) (CONF:4537-33042).

3. **SHALL** contain exactly one [1..1] **templateId** (CONF:4537-33032) such that it
   a. **SHALL** contain exactly one [1..1] **@root**="2.16.840.1.113883.10.20.22.4.200" (CONF:4537-33036).
   b. **SHALL** contain exactly one [1..1] **@extension**="2023-05-01" (CONF:4537-33037).

4. **SHALL** contain exactly one [1..1] **code** (CONF:4537-33033).
   a. This code **SHALL** contain exactly one [1..1] **@code**="76689-9" Sex Assigned At Birth (CONF:4537-33038).
   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:4537-33039).
5. **SHALL** contain exactly one [1..1] **statusCode** (CONF:4537-33031).
   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:4537-33035).
6. **SHALL** contain exactly one [1..1] **effectiveTime** (CONF:4537-33043).

Note: This template represents a "snapshot in time" observation, simply reflecting the patient's sex at the time of the observation. As a result, the effectiveTime is constrained to just a time stamp. Since this represents Birth Sex it SHALL match the birthTime.

   a. This effectiveTime **SHALL NOT** contain exactly one [1..1] **low** (CONF:4537-33044).
   b. This effectiveTime **SHALL NOT** contain exactly one [1..1] **width** (CONF:4537-33045).
   c. This effectiveTime **SHALL NOT** contain exactly one [1..1] **high** (CONF:4537-33046).
   d. This effectiveTime **SHALL NOT** contain exactly one [1..1] **center** (CONF:4537-33047).
7. **SHALL** contain exactly one [1..1] **value** with @xsi:type="CD", where the code **SHALL** be selected from ValueSet **ONC Administrative Sex** urn:oid:2.16.840.1.113762.1.4.1 **STATIC** 2016-06-01 (CONF:4537-33034).
   a. If value/@code not from value set ONC Administrative Sex urn:oid:2.16.840.1.113762.1.4.1 STATIC 2016-06-01, then value/@nullFlavor **SHALL** be "UNK" (CONF:4537-33040).

Table 30: ONC Administrative Sex

Value Set: ONC Administrative Sex urn:oid:2.16.840.1.113762.1.4.1			
(Clinical Focus: Gender identity restricted to only Male and Female used in administrative situations requiring a restriction to these two categories.),(Data Element Scope: Gender),(Inclusion Criteria: Male and Female only.),(Exclusion Criteria: Any gender identity that is not male or female.)			
This value set was imported on 10/17/2019 with a version of 20190425.			
Value Set Source: **https://vsac.nlm.nih.gov/valueset/2.16.840.1.113762.1.4.1/expansion**			
Code	**Code System**	**Code System OID**	**Print Name**
F	Administrative Gender	urn:oid:2.16.840.1.113883.5.1	Female
M	Administrative Gender	urn:oid:2.16.840.1.113883.5.1	Male

Figure 23: Birth Sex Example

```
<observation classCode="OBS" moodCode="EVN">
    <!-- Not asserting conformance to Social History Observation due to different vocab. --
>
    <templateId root="2.16.840.1.113883.10.20.22.4.200" extension="2016-06-01"/>
    <code code="76689-9" codeSystem="2.16.840.1.113883.6.1"
          displayName="Sex Assigned At Birth"/>
    <text>
        <reference value="#BSex_Narrative1"/>
    </text>
    <statusCode code="completed"/>
    <!-- effectiveTime if present should match birthTime -->
    <!-- Request  name change to QRDA value set (2.16.840.1.113762.1.4.1) - ONC Birth Sex -
->
    <value xsi:type="CD" codeSystem="2.16.840.1.113883.5.1"
codeSystemName="AdministrativeGender"
          code="F" displayName="Female">
        <originalText>
            <reference value="#BSex_value"/>
        </originalText>
    </value>
    <author>
            ...
    </author>
</observation>
```

3.4   Care Team Member Act (V2)

[act: identifier urn:hl7ii:2.16.840.1.113883.10.20.22.4.500.1:2022-06-01 (open)]

Table 31: Care Team Member Act (V2) Contexts

Contained By:	Contains:
Care Team Organizer (V2) (required)	Note Activity (optional) Care Team Member Schedule Observation (V2) (optional)

This template is used to represent a member of the care team. Care team members can include healthcare and community services providers, caregivers, relatives, the patient themselves, etc. A care team member can be another care team or an organization.

Care team member attributes include the following:

• Care team member status on the care team
• Care team member time (e.g. duration, point-in-time, etc.) on the care team
• Schedule of the care team member describing when the care team member usually participates on the care team
• Care team member function on the care team such as the care team member specialty, relationship to the patient, and also role on the care team
• Care team member name, address, telecom, organization, etc.
• Care team member information (narrative description about the care team member)