```
                <city>Blue Bell</city>
                <state>MA</state>
                <postalCode>02368</postalCode>
                <country>US</country>
            </addr>
        </participantRole>
    </participant>
    <entryRelationship typeCode="REFR">
        <act classCode="ACT" moodCode="EVN">
            <templateId root="2.16.840.1.113883.10.20.1.19" />
             . . .




        </act>
    </entryRelationship>undefined
</act>
```

3.18 Pregnancy Intention in Next Year

```
[observation: identifier urn:hl7ii:2.16.840.1.113883.10.20.22.4.281:2023-05-
01 (open)]
```

This template represents a patient's reported intention or desire in the next year to either become pregnant or prevent a future pregnancy. The effectiveTime.low represents the date the intention was recorded and the effectiveTime.high represents the date a year from the recorded date.

Table 66: Pregnancy Intention in Next Year Constraints Overview

XPath	Card.	Verb	Data Type	CONF#	Value
observation (identifier: urn:hl7ii:2.16.840.1.113883.10.20.22.4.281:2023-05-01)					
@classCode	1..1	SHALL		4537-26557	urn:oid:2.16.840.1.113883.5.6 (HL7ActClass) = OBS
@moodCode	1..1	SHALL		4537-26558	urn:oid:2.16.840.1.113883.5.1001 (HL7ActMood) = INT
templateId	1..1	SHALL		4537-26549	
@root	1..1	SHALL		4537-26552	2.16.840.1.113883.10.20.22.4.281
@extension	1..1	SHALL		4537-26553	2023-05-01
id	1..*	SHALL		4537-26981	
code	1..1	SHALL		4537-26550	
@code	1..1	SHALL		4537-26554	86645-9
@codeSystem	1..1	SHALL		4537-26555	urn:oid:2.16.840.1.113883.6.1 (LOINC) = 2.16.840.1.113883.6.1
statusCode	1..1	SHALL		4537-26551	
@code	1..1	SHALL		4537-26556	urn:oid:2.16.840.1.113883.5.14 (HL7ActStatus) = completed
effectiveTime	1..1	SHALL		4537-26560	
low	1..1	SHALL		4537-26821	
high	1..1	SHALL		4537-26822	
value	1..1	SHALL	CD	4537-26559	urn:oid:2.16.840.1.113762.1.4.1166.22 (Pregnancy Intention)

1. **SHALL** contain exactly one [1..1] **@classCode**="OBS" (CodeSystem: HL7ActClass urn:oid:2.16.840.1.113883.5.6) (CONF:4537-26557).
2. **SHALL** contain exactly one [1..1] **@moodCode**="INT" Intent (CodeSystem: HL7ActMood urn:oid:2.16.840.1.113883.5.1001) (CONF:4537-26558).
3. **SHALL** contain exactly one [1..1] **templateId** (CONF:4537-26549) such that it
   a. **SHALL** contain exactly one [1..1] **@root**="2.16.840.1.113883.10.20.22.4.281" (CONF:4537-26552).
   b. **SHALL** contain exactly one [1..1] **@extension**="2023-05-01" (CONF:4537-26553).
4. **SHALL** contain at least one [1..*] **id** (CONF:4537-26981).
5. **SHALL** contain exactly one [1..1] **code** (CONF:4537-26550).

a. This code **SHALL** contain exactly one [1..1] **@code**="86645-9" Future pregnancy intention Reported (CONF:4537-26554).

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:4537-26555).

6. **SHALL** contain exactly one [1..1] **statusCode** (CONF:4537-26551).

a. This statusCode **SHALL** contain exactly one [1..1] **@code**="completed" Completed (CodeSystem: HL7ActStatus urn:oid:2.16.840.1.113883.5.14) (CONF:4537-26556).

7. **SHALL** contain exactly one [1..1] **effectiveTime** (CONF:4537-26560).

a. This effectiveTime **SHALL** contain exactly one [1..1] **low** (CONF:4537-26821). Note: Recorded date

b. This effectiveTime **SHALL** contain exactly one [1..1] **high** (CONF:4537-26822). Note: Should be 1 year from effectiveTime/low

8. **SHALL** contain exactly one [1..1] **value** with @xsi:type="CD", where the code **SHALL** be selected from ValueSet **Pregnancy Intention** urn:oid:2.16.840.1.113762.1.4.1166.22 **DYNAMIC** (CONF:4537-26559).

Table 67: Pregnancy Intention

Value Set: Pregnancy Intention urn:oid:2.16.840.1.113762.1.4.1166.22

(Clinical Focus: A patient's intention or desire in the next year to either become pregnant or prevent a future pregnancy. This includes male patients seeking pregnancy with a female partner. Pregnancy intention may be used to help improve preconception health screenings and

decisions, such as determining an appropriate contraceptive method, taking folic acid, or avoiding toxic exposures such as alcohol,

tobacco and certain medications. The term was based on, but is not limited in use to, Power to Decide's One Key Question (R), used by the Office of Population Affairs 's (OPA's) Family Planning Annual Report (FPAR).),(Data Element Scope: Values describing patient intentions to become pregnant. Results for LOINC code 86645-9.),(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/2.16.840.1.113762.1.4.1166.22/expansion

Code	Code System	Code System OID	Print Name
45438100012 4105	SNOMED CT	urn:oid:2.16.840.1.113883.6.96	Not sure of desire to become pregnant (finding)
45439100012 4108	SNOMED CT	urn:oid:2.16.840.1.113883.6.96	Ambivalent about becoming pregnant (finding)
45440100012 4105	SNOMED CT	urn:oid:2.16.840.1.113883.6.96	No desire to become pregnant (finding)
45441100012 4108	SNOMED CT	urn:oid:2.16.840.1.113883.6.96	Wants to become pregnant (finding)

Figure 44: Pregnancy Intention in Next Year Example

```
<observation classCode="OBS" moodCode="INT">
  <!-- [C-CDA PREG] Pregnancy Intention in Next Year -->
  <templateId root="2.16.840.1.113883.10.20.22.4.281" extension="2023-05-01" />
  <id root="b06f4c63-5d18-48d3-9c75-f10bba135525" />
  <code code="86645-9" codeSystem="2.16.840.1.113883.6.1" codeSystemName="LOINC"
    displayName="Future pregnancy intention Reported"/>
  <statusCode code="completed"/>
  <effectiveTime>
    <low value="20170107"/>
    <!-- High value should be 1 year from low date -->
    <high value="20180107"/>
  </effectiveTime>
  <value xsi:type="CD" code="454401000124105"
    codeSystem="2.16.840.1.113883.6.96"
    codeSystemName="SNOMED CT"
    displayName="No desire to become pregnant"/>
</observation>
```

3.19 Problem Observation (V4)

```
[observation: identifier urn:hl7ii:2.16.840.1.113883.10.20.22.4.4:2022-06-01
(open)]
```

Table 68: Problem Observation (V4) Contexts

Contained By:	Contains:
	Date of Diagnosis Act (optional)

This template reflects a discrete observation about a patient's problem. Because it is a discrete observation, it will have a statusCode of "completed". The effectiveTime, also referred to as the "clinically relevant time" is the time at which the observation holds for the patient. For a provider seeing a patient in the clinic today, observing a history of heart attack that occurred five years ago, the effectiveTime is five years ago.

The effectiveTime of the Problem Observation is the definitive indication of whether or not the underlying condition is resolved. If the problem is known to be resolved, then an effectiveTime/high would be present. If the date of resolution is not known, then effectiveTime/high will be present with a nullFlavor of "UNK".