

Figure 28: Coverage Activity (V4) Example

```
<act classCode="ACT" moodCode="EVN">
  <templateId root="2.16.840.1.113883.10.20.22.4.60" extension="2015-08-01" />
  <id root="1fe2cdd0-7aad-11db-9fe1-0800200c9a66" />
  <code code="48768-6" codeSystem="2.16.840.1.113883.6.1" codeSystemName="LOINC"
displayName="Payment sources" />
  <statusCode code="completed" />
  <effectiveTime value="20230501"/>
  <entryRelationship typeCode="COMP">
    <act classCode="ACT" moodCode="EVN">
      <sequenceNumber value="2" />
      <templateId root="2.16.840.1.113883.10.20.22.4.61" extension="2015-08-01" />
      . . .
    </act>
  </entryRelationship>
</act>
```

3.9 Date of Diagnosis Act

[act: identifier urn:hl7ii:2.16.840.1.113883.10.20.22.4.502:2022-06-01
(open)]

Table 42: Date of Diagnosis Act Contexts

Contained By:	Contains:
Problem Observation (V4) (optional)	

This template represents the earliest date of diagnosis, which is the date of first determination by a qualified professional of the presence of a problem or condition affecting a patient. An encounter diagnosis date may be different than this Date of Diagnosis.

The date of diagnosis is usually not the same date as the date of condition onset. A patient may have a condition for some time before it is formally diagnosed.

Table 43: Date of Diagnosis Act Constraints Overview

XPath	Card.	Verb	Data Type	CONF#	Value
act (identifier: urn:hl7ii:2.16.840.1.113883.10.20.22.4.502:2022-06-01)					
@classCode	1..1	SHALL		4515-33010	urn:oid:2.16.840.1.113883.5.4 (HL7ActCode) = ACT
@moodCode	1..1	SHALL		4515-33011	urn:oid:2.16.840.1.113883.5.1001 (HL7ActMood) = EVN
templateId	1..1	SHALL		4515-33000	
@root	1..1	SHALL		4515-33002	2.16.840.1.113883.10.20.22.4.502
@extension	1..1	SHALL		4515-33003	2022-06-01
code	1..1	SHALL		4515-33001	
@code	0..1	SHALL		4515-33004	77975-1
@codeSystem	1..1	SHALL		4515-33005	2.16.840.1.113883.6.1
statusCode	1..1	SHALL		4515-33006	urn:oid:2.16.840.1.113883.5.14 (HL7ActStatus) = completed
effectiveTime	1..1	SHALL		4515-33007	
@value	1..1	SHALL		4515-33008	
low	0..0	SHALL NOT		4515-33016	
high	0..0	SHALL NOT		4515-33017	

1. **SHALL** contain exactly one [1..1] **@classCode**="ACT" Act (CodeSystem: HL7ActCode urn:oid:2.16.840.1.113883.5.4) (CONF:4515-33010).
2. **SHALL** contain exactly one [1..1] **@moodCode**="EVN" Event (CodeSystem: HL7ActMood urn:oid:2.16.840.1.113883.5.1001) (CONF:4515-33011).
3. **SHALL** contain exactly one [1..1] **templateId** (CONF:4515-33000) such that it
 - a. **SHALL** contain exactly one [1..1] **@root**="2.16.840.1.113883.10.20.22.4.502" (CONF:4515-33002).
 - b. **SHALL** contain exactly one [1..1] **@extension**="2022-06-01" (CONF:4515-33003).
4. **SHALL** contain exactly one [1..1] **code** (CONF:4515-33001).
 - a. This code **SHALL** contain zero or one [0..1] **@code**="77975-1" Earliest date of diagnosis (CONF:4515-33004).
 - b. This code **SHALL** contain exactly one [1..1] **@codeSystem**="2.16.840.1.113883.6.1" LOINC (CONF:4515-33005).

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

Figure 29: 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>
```

3.10 Disability Status Observation

[observation: identifier urn:hl7ii:2.16.840.1.113883.10.20.22.4.505:2023-05-01 (open)]

Table 44: Disability Status Observation Contexts

Contained By:	Contains:
	Assessment Scale Observation (V2) (optional)

This template represents an assessment of patients' perception of their physical, cognitive, intellectual, or psychiatric disabilities. It may contain an Assessment Scale Observation that holds the six-item set of questions used on the American Community Survey (ACS) to gauge disability, defined here: [HHS Implementation Guidance on Data Collection Standards for Race, Ethnicity, Sex, Primary Language, and Disability Status](#)

This template **SHOULD** be included zero or more times [0..*] in the Functional Status Section V2 or the Functional Status Organizer (V2).