3.8 Coverage Activity (V4)

```
[act: identifier urn:hl7ii:2.16.840.1.113883.10.20.22.4.60:2023-05-01 (open)]
```

A Coverage Activity groups the policy and authorization acts within a Payers Section to order the payment sources. A Coverage Activity contains one or more Policy Activities, each of which contains zero or more Authorization Activities.

The sequenceNumber/@value shows the policy order of preference.

The Member Identifier is described in the contained Policy Activity Template 2.16.840.1.113883.10.20.22.4.61.

Table 41: Coverage Activity (V4) Constraints Overview

XPath	Card.	Verb	Data Type	CONF#	Value
act (identifier: urn:hl7ii:2.16.840.1.113883.10.20.22.4.60:2023-05-01)					
@classCode	1..1	SHALL		4537-8872	urn:oid:2.16.840.1.113883.5.6 (HL7ActClass) = ACT
@moodCode	1..1	SHALL		4537-8873	urn:oid:2.16.840.1.113883.5.1001 (HL7ActMood) = EVN
templateId	1..1	SHALL		4537-8897	
@root	1..1	SHALL		4537-10492	2.16.840.1.113883.10.20.22.4.60
@extension	1..1	SHALL		4537-32596	2023-05-01
id	1..*	SHALL		4537-8874	
code	1..1	SHALL		4537-8876	
@code	1..1	SHALL		4537-19160	48768-6
@codeSystem	1..1	SHALL		4537-32156	urn:oid:2.16.840.1.113883.6.1 (LOINC) = 2.16.840.1.113883.6.1
statusCode	1..1	SHALL		4537-8875	
@code	1..1	SHALL		4537-19094	urn:oid:2.16.840.1.113883.5.14 (HL7ActStatus) = completed
effectiveTime	0..1	SHOULD		4537-33064	
@value	1..1	SHALL		4537-33065	
entryRelationship	1..*	SHALL		4537-8878	
@typeCode	1..1	SHALL		4537-8879	urn:oid:2.16.840.1.113883.5.1002 (HL7ActRelationshipType) = COMP
sequenceNumber	0..1	MAY		4537-17174	
@value	1..1	SHALL		4537-17175	
act	1..1	SHALL		4537-15528	Policy Activity (V3) (identifier: urn:hl7ii:2.16.840.1.113883.10.20.22.4.61:2015-08-01)

1. **SHALL** contain exactly one [1..1] **@classCode**="ACT" Act (CodeSystem: HL7ActClass urn:oid:2.16.840.1.113883.5.6 **STATIC**) (CONF:4537-8872).

2. **SHALL** contain exactly one [1..1] **@moodCode**="EVN" Event (CodeSystem: HL7ActMood urn:oid:2.16.840.1.113883.5.1001 **STATIC**) (CONF:4537-8873).

3. **SHALL** contain exactly one [1..1] **templateId** (CONF:4537-8897) such that it
   a. **SHALL** contain exactly one [1..1] **@root**="2.16.840.1.113883.10.20.22.4.60" (CONF:4537-10492).
   b. **SHALL** contain exactly one [1..1] **@extension**="2023-05-01" (CONF:4537-32596).

4. **SHALL** contain at least one [1..*] **id** (CONF:4537-8874).

5. **SHALL** contain exactly one [1..1] **code** (CONF:4537-8876).
   a. This code **SHALL** contain exactly one [1..1] **@code**="48768-6" Payment sources (CONF:4537-19160).
   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:4537-32156).

6. **SHALL** contain exactly one [1..1] **statusCode** (CONF:4537-8875).
   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:4537-19094).

7. **SHOULD** contain zero or one [0..1] **effectiveTime** (CONF:4537-33064).

Records the point in time when the coverage was checked for a patient, and applies for all policies within the coverage activity.

   a. The effectiveTime, if present, **SHALL** contain exactly one [1..1] **@value** (CONF:4537-33065).

8. **SHALL** contain at least one [1..*] **entryRelationship** (CONF:4537-8878) such that it
   a. **SHALL** contain exactly one [1..1] **@typeCode**="COMP" has component (CodeSystem: HL7ActRelationshipType urn:oid:2.16.840.1.113883.5.1002 **STATIC**) (CONF:4537-8879).
   b. **MAY** contain zero or one [0..1] **sequenceNumber** (CONF:4537-17174).
      i. The sequenceNumber, if present, **SHALL** contain exactly one [1..1] **@value** (CONF:4537-17175).
   c. **SHALL** contain exactly one [1..1] Policy Activity (V3) (identifier: urn:hl7ii:2.16.840.1.113883.10.20.22.4.61:2015-08-01) (CONF:4537-15528).

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.