Figure 129: Assessment Scale Supporting Observation Example

```
<observation classCode="OBS" moodCode="EVN">
   <templateId root="2.16.840.1.113883.10.20.22.4.86"/>
   <id root="f4dce790-8328-11db-9fe1-0800200c9a44"/>
   <code code="248240001" displayName="motor response"
         codeSystem="2.16.840.1.113883.6.96" codeSystemName="SNOMED"/>
   <statusCode code="completed"/>
   <value xsi:type="INT" value="3"/>
</observation>
```

3.9 Authorization Activity

`[act: identifier urn:oid:2.16.840.1.113883.10.20.1.19 (open)]`

An Authorization Activity represents authorizations or pre-authorizations currently active for the patient for the particular payer.

Authorizations are represented using an act subordinate to the policy or program that provided it. The authorization refers to the policy or program. Authorized treatments can be grouped into an organizer class, where common properties, such as the reason for the authorization, can be expressed. Subordinate acts represent what was authorized.

Table 240: Authorization Activity Constraints Overview

XPath	Card.	Verb	Data Type	CONF#	Value
act (identifier: urn:oid:2.16.840.1.113883.10.20.1.19)					
@classCode	1..1	SHALL		81-8944	urn:oid:2.16.840.1.113883.5.6 (HL7ActClass) = ACT
@moodCode	1..1	SHALL		81-8945	urn:oid:2.16.840.1.113883.5.6 (HL7ActClass) = EVN
templateId	1..1	SHALL		81-8946	
@root	1..1	SHALL		81-10529	2.16.840.1.113883.10.20.1.19
id	1..1	SHALL		81-8947	
entryRelationship	1..*	SHALL		81-8948	
@typeCode	1..1	SHALL		81-8949	urn:oid:2.16.840.1.113883.5.1002 (HL7ActRelationshipType) = SUBJ

1. **SHALL** contain exactly one [1..1] **@classCode**="ACT" Act (CodeSystem: HL7ActClass urn:oid:2.16.840.1.113883.5.6 **STATIC**) (CONF:81-8944).
2. **SHALL** contain exactly one [1..1] **@moodCode**="EVN" Event (CodeSystem: HL7ActClass urn:oid:2.16.840.1.113883.5.6 **STATIC**) (CONF:81-8945).
3. **SHALL** contain exactly one [1..1] **templateId** (CONF:81-8946) such that it
    a. **SHALL** contain exactly one [1..1] **@root**="2.16.840.1.113883.10.20.1.19" (CONF:81-10529).
4. **SHALL** contain exactly one [1..1] **id** (CONF:81-8947).
5. **SHALL** contain at least one [1..*] **entryRelationship** (CONF:81-8948) such that it

a. **SHALL** contain exactly one [1..1] **@typeCode="**SUBJ" Has Subject (CodeSystem: HL7ActRelationshipType urn:oid:2.16.840.1.113883.5.1002 **STATIC**) (CONF:81-8949).
b. The target of an authorization activity with act/entryRelationship/@typeCode="SUBJ" **SHALL** be a clinical statement with moodCode="PRMS" Promise (CONF:81-8951).
c. The target of an authorization activity **MAY** contain one or more performer, to indicate the providers that have been authorized to provide treatment (CONF:81-8952).

Figure 130: Authorization Activity Example

```
<act classCode="ACT" moodCode="EVN">
    <templateId root="2.16.840.1.113883.10.20.1.19"/>
    <id root="f4dce790-8328-11db-9fe1-0800200c9a66"/>
    <code nullFlavor="NA" />
    <entryRelationship typeCode="SUBJ">
        <procedure classCode="PROC" moodCode="PRMS">
            <code code="73761001"
                    codeSystem="2.16.840.1.113883.6.96"
             codeSystemName="SNOMED CT"
                    displayName="Colonoscopy"/>
        </procedure>
    </entryRelationship>
</act>
```

3.10 Boundary Observation

[observation: identifier urn:oid:2.16.840.1.113883.10.20.6.2.11 (open)]

Table 241: Boundary Observation Contexts

Contained By:	Contains:
Referenced Frames Observation (required)	

A Boundary Observation contains a list of integer values for the referenced frames of a DICOM multiframe image SOP instance. It identifies the frame numbers within the referenced SOP instance to which the reference applies. The CDA Boundary Observation numbers frames using the same convention as DICOM, with the first frame in the referenced object being Frame 1. A Boundary Observation must be used if a referenced DICOM SOP instance is a multiframe image and the reference does not apply to all frames.