

Figure 151: Family History Organizer (V3) Example

```
<organizer moodCode="EVN" classCode="CLUSTER">
  <templateId root="2.16.840.1.113883.10.20.22.4.45" extension="2015-08-01" />
  <statusCode code="completed" />
  <subject>
    <relatedSubject classCode="PRS">
      <code code="FTH" displayName="Father" codeSystemName="HL7 FamilyMember"
codeSystem="2.16.840.1.113883.5.111">
        <translation code="9947008" displayName="Natural father"
codeSystemName="SNOMED" codeSystem="2.16.840.1.113883.6.96" />
      </code>
    </subject>
    <sdtc:id root="2.16.840.1.113883.19.5.99999.2" extension="99999999" />
    <id root="2.16.840.1.113883.19.5.99999.2" extension="1234" />
    <administrativeGenderCode code="M" codeSystem="2.16.840.1.113883.5.1" />
    <birthTime value="1910" />
    <!-- Example use of sdtc extensions :-->
    <!-- <sdtc:deceasedInd value="true"/><sdtc:deceasedTime value="1967"/>
    -->
  </subject>
</relatedSubject>
</subject>
<component>
  <observation classCode="OBS" moodCode="EVN">
    <templateId root="2.16.840.1.113883.10.20.22.4.46" extension="2015-08-01" />
    . . .

  </observation>
</component>
</organizer>
```

3.31 Functional Status Observation (V2)

[observation: identifier urn:hl7ii:2.16.840.1.113883.10.20.22.4.67:2014-06-09
(open)]

Table 292: Functional Status Observation (V2) Contexts

Contained By:	Contains:
Functional Status Section (V2) (optional)	Caregiver Characteristics (optional)
Functional Status Organizer (V2) (required)	Assessment Scale Observation (optional)
Health Concern Act (V2) (optional)	Non-Medicinal Supply Activity (V2) (optional)
Risk Concern Act (V2) (optional)	Author Participation (optional)

This template represents the patient's physical function (e.g., mobility status, instrumental activities of daily living, self-care status) and problems that limit function (dyspnea, dysphagia). The template may include assessment scale observations, identify supporting caregivers, and provide information about non-medicinal supplies. This template is used to represent physical or developmental function of all patient populations.

Table 293: Functional Status Observation (V2) Constraints Overview

XPath	Card.	Verb	Data Type	CONF#	Value
observation (identifier: urn:hl7ii:2.16.840.1.113883.10.20.22.4.67:2014-06-09)					
@classCode	1..1	SHALL		1098-13905	urn:oid:2.16.840.1.113883.5.6 (HL7ActClass) = OBS
@moodCode	1..1	SHALL		1098-13906	urn:oid:2.16.840.1.113883.5.1001 (HL7ActMood) = EVN
templateId	1..1	SHALL		1098-13889	
@root	1..1	SHALL		1098-13890	2.16.840.1.113883.10.20.22.4.67
@extension	1..1	SHALL		1098-32568	2014-06-09
id	1..*	SHALL		1098-13907	
code	1..1	SHALL		1098-13908	
@code	1..1	SHALL		1098-31522	54522-8
@codeSystem	1..1	SHALL		1098-31523	urn:oid:2.16.840.1.113883.6.1 (LOINC) = 2.16.840.1.113883.6.1
statusCode	1..1	SHALL		1098-13929	
@code	1..1	SHALL		1098-19101	urn:oid:2.16.840.1.113883.5.14 (HL7ActStatus) = completed
effectiveTime	1..1	SHALL		1098-13930	
value	1..1	SHALL		1098-13932	
author	0..*	SHOULD		1098-13936	Author Participation (identifier: urn:oid:2.16.840.1.113883.10.20.22.4.119)
entryRelationship	0..1	MAY		1098-13892	
@typeCode	1..1	SHALL		1098-14596	REFR
supply	1..1	SHALL		1098-14218	Non-Medicinal Supply Activity (V2) (identifier: urn:hl7ii:2.16.840.1.113883.10.20.22.4.50:2014-06-09)
entryRelationship	0..1	MAY		1098-13895	
@typeCode	1..1	SHALL		1098-14597	REFR

XPath	Card.	Verb	Data Type	CONF#	Value
observation	1..1	SHALL		1098-13897	Caregiver Characteristics (identifier: urn:oid:2.16.840.1.113883.10.20.22.4.72)
entryRelationship	0..1	MAY		1098-14465	
@typeCode	1..1	SHALL		1098-14598	COMP
observation	1..1	SHALL		1098-14466	Assessment Scale Observation (identifier: urn:oid:2.16.840.1.113883.10.20.22.4.69)
referenceRange	0..*	MAY		1098-13937	

1. **SHALL** contain exactly one [1..1] **@classCode**="OBS" (CodeSystem: HL7ActClass urn:oid:2.16.840.1.113883.5.6 **STATIC**) (CONF:1098-13905).
2. **SHALL** contain exactly one [1..1] **@moodCode**="EVN" (CodeSystem: HL7ActMood urn:oid:2.16.840.1.113883.5.1001 **STATIC**) (CONF:1098-13906).
3. **SHALL** contain exactly one [1..1] **templateId** (CONF:1098-13889) such that it
 - a. **SHALL** contain exactly one [1..1] **@root**="2.16.840.1.113883.10.20.22.4.67" (CONF:1098-13890).
 - b. **SHALL** contain exactly one [1..1] **@extension**="2014-06-09" (CONF:1098-32568).
4. **SHALL** contain at least one [1..*] **id** (CONF:1098-13907).
5. **SHALL** contain exactly one [1..1] **code** (CONF:1098-13908).
 - a. This code **SHALL** contain exactly one [1..1] **@code**="54522-8" Functional status (CONF:1098-31522).
 - 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:1098-31523).
6. **SHALL** contain exactly one [1..1] **statusCode** (CONF:1098-13929).
 - 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:1098-19101).
7. **SHALL** contain exactly one [1..1] **effectiveTime** (CONF:1098-13930).
8. **SHALL** contain exactly one [1..1] **value** (CONF:1098-13932).
 - a. If xsi:type="CD", **SHOULD** contain a code from SNOMED CT (CodeSystem: 2.16.840.1.113883.6.96) (CONF:1098-14234).
9. **SHOULD** contain zero or more [0..*] [Author Participation](#) (identifier: urn:oid:2.16.840.1.113883.10.20.22.4.119) (CONF:1098-13936).
10. **MAY** contain zero or one [0..1] **entryRelationship** (CONF:1098-13892) such that it
 - a. **SHALL** contain exactly one [1..1] **@typeCode**="REFR" refers to (CONF:1098-14596).

- b. **SHALL** contain exactly one [1..1] [Non-Medicinal Supply Activity \(V2\)](#) (identifier: urn:hl7ii:2.16.840.1.113883.10.20.22.4.50:2014-06-09) (CONF:1098-14218).
 - 11. **MAY** contain zero or one [0..1] **entryRelationship** (CONF:1098-13895) such that it
 - a. **SHALL** contain exactly one [1..1] **@typeCode**="REFR" refers to (CONF:1098-14597).
 - b. **SHALL** contain exactly one [1..1] [Caregiver Characteristics](#) (identifier: urn:oid:2.16.840.1.113883.10.20.22.4.72) (CONF:1098-13897).
 - 12. **MAY** contain zero or one [0..1] **entryRelationship** (CONF:1098-14465) such that it
 - a. **SHALL** contain exactly one [1..1] **@typeCode**="COMP" has component (CONF:1098-14598).
 - b. **SHALL** contain exactly one [1..1] [Assessment Scale Observation](#) (identifier: urn:oid:2.16.840.1.113883.10.20.22.4.69) (CONF:1098-14466).
- referenceRange could be used to represent normal or expected capability for the function being evaluated.
13. **MAY** contain zero or more [0..*] **referenceRange** (CONF:1098-13937).

Figure 152: Functional Status Observation (V2) Example

```
<entry>
  <observation classCode="OBS" moodCode="EVN">
    <!-- Functional Status Observation V2-->
    <templateId root="2.16.840.1.113883.10.20.22.4.67" extension="2014-06-09" />
    <id root="ce7cfb78-bd16-467e-8bcf-859a3034108e" />
    <code code="54522-8" displayName="Functional status"
codeSystem="2.16.840.1.113883.6.1" codeSystemName="SNOMED CT" />
    <text>
      <reference value="#FUNC1" />
    </text>
    <statusCode code="completed" />
    <effectiveTime value="200130311" />
    <value xsi:type="CD" code="129035000" displayName="independent with dressing"
codeSystem="2.16.840.1.113883.6.96" codeSystemName="SNOMED CT" />
  </observation>
</entry>
```

3.32 Functional Status Organizer (V2)

[organizer: identifier urn:hl7ii:2.16.840.1.113883.10.20.22.4.66:2014-06-09
(open)]

Table 294: Functional Status Organizer (V2) Contexts

Contained By:	Contains:
Functional Status Section (V2) (optional)	Self-Care Activities (ADL and IADL) (required) Functional Status Observation (V2) (required) Author Participation (optional)

This template groups related functional status observations into categories (e.g., mobility, self-care).