

3.109 Vital Signs Organizer (V3)

[organizer: identifier urn:hl7ii:2.16.840.1.113883.10.20.22.4.26:2015-08-01
(open)]

Table 506: Vital Signs Organizer (V3) Contexts

Contained By:	Contains:
Vital Signs Section (entries optional) (V3) (optional)	Vital Sign Observation (V2) (required)
Vital Signs Section (entries required) (V3) (required)	Author Participation (optional)

This template provides a mechanism for grouping vital signs (e.g., grouping systolic blood pressure and diastolic blood pressure).

Table 507: Vital Signs Organizer (V3) Constraints Overview

XPath	Card.	Verb	Data Type	CONF#	Value
organizer (identifier: urn:hl7ii:2.16.840.1.113883.10.20.22.4.26:2015-08-01)					
@classCode	1..1	SHALL		1198-7279	urn:oid:2.16.840.1.113883.5.6 (HL7ActClass) = CLUSTER
@moodCode	1..1	SHALL		1198-7280	urn:oid:2.16.840.1.113883.5.1001 (HL7ActMood) = EVN
templateId	1..1	SHALL		1198-7281	
@root	1..1	SHALL		1198-10528	2.16.840.1.113883.10.20.22.4.26
@extension	1..1	SHALL		1198-32582	2015-08-01
id	1..*	SHALL		1198-7282	
code	1..1	SHALL		1198-32740	
@code	1..1	SHALL		1198-32741	46680005
@codeSystem	1..1	SHALL		1198-32742	urn:oid:2.16.840.1.113883.6.96 (SNOMED CT) = 2.16.840.1.113883.6.96
translation	1..1	SHALL		1198-32743	
@code	1..1	SHALL		1198-32744	urn:oid:2.16.840.1.113883.6.1 (LOINC) = 74728-7
@codeSystem	1..1	SHALL		1198-32746	urn:oid:2.16.840.1.113883.6.1 (LOINC) = 2.16.840.1.113883.6.1
statusCode	1..1	SHALL		1198-7284	
@code	1..1	SHALL		1198-19120	urn:oid:2.16.840.1.113883.5.14 (HL7ActStatus) = completed
effectiveTime	1..1	SHALL		1198-7288	
author	0..*	SHOULD		1198-31153	Author Participation (identifier: urn:oid:2.16.840.1.113883.10.20.22.4.119)
component	1..*	SHALL		1198-7285	
observation	1..1	SHALL		1198-15946	Vital Sign Observation (V2) (identifier: urn:hl7ii:2.16.840.1.113883.10.20.22.4.27:2014-06-09)

1. **SHALL** contain exactly one [1..1] **@classCode**="CLUSTER" CLUSTER (CodeSystem: HL7ActClass urn:oid:2.16.840.1.113883.5.6 **STATIC**) (CONF:1198-7279).
2. **SHALL** contain exactly one [1..1] **@moodCode**="EVN" Event (CodeSystem: HL7ActMood urn:oid:2.16.840.1.113883.5.1001 **STATIC**) (CONF:1198-7280).
3. **SHALL** contain exactly one [1..1] **templateId** (CONF:1198-7281) such that it
 - a. **SHALL** contain exactly one [1..1] **@root**="2.16.840.1.113883.10.20.22.4.26" (CONF:1198-10528).
 - b. **SHALL** contain exactly one [1..1] **@extension**="2015-08-01" (CONF:1198-32582).
4. **SHALL** contain at least one [1..*] **id** (CONF:1198-7282).

Compatibility support for C-CDA R1.1 and C-CDA 2.1: A vitals organizer conformant to both C-CDA 1.1 and C-CDA 2.1 would contain the SNOMED code (46680005) from R1.1 in the root code and a LOINC code in the translation. A vitals organizer conformant to only C-CDA 2.1 would only contain the LOINC code in the root code.

5. **SHALL** contain exactly one [1..1] **code** (CONF:1198-32740).
 - a. This code **SHALL** contain exactly one [1..1] **@code**="46680005" Vital Signs (CONF:1198-32741).
 - b. This code **SHALL** contain exactly one [1..1] **@codeSystem**="2.16.840.1.113883.6.96" SNOMED CT (CodeSystem: SNOMED CT urn:oid:2.16.840.1.113883.6.96) (CONF:1198-32742).
 - c. This code **SHALL** contain exactly one [1..1] **translation** (CONF:1198-32743) such that it
 - i. **SHALL** contain exactly one [1..1] **@code**="74728-7" Vital signs, weight, height, head circumference, oximetry, BMI, and BSA panel - HL7.CCDAr1.1 (CodeSystem: LOINC urn:oid:2.16.840.1.113883.6.1) (CONF:1198-32744).
 - ii. **SHALL** contain exactly one [1..1] **@codeSystem**="2.16.840.1.113883.6.1" LOINC (CodeSystem: LOINC urn:oid:2.16.840.1.113883.6.1) (CONF:1198-32746).
6. **SHALL** contain exactly one [1..1] **statusCode** (CONF:1198-7284).
 - 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:1198-19120).
7. **SHALL** contain exactly one [1..1] **effectiveTime** (CONF:1198-7288).
 Note: The effectiveTime may be a timestamp or an interval that spans the effectiveTimes of the contained vital signs observations.
8. **SHOULD** contain zero or more [0..*] **Author Participation** (identifier: urn:oid:2.16.840.1.113883.10.20.22.4.119) (CONF:1198-31153).
9. **SHALL** contain at least one [1..*] **component** (CONF:1198-7285) such that it
 - a. **SHALL** contain exactly one [1..1] **Vital Sign Observation (V2)** (identifier: urn:hl7ii:2.16.840.1.113883.10.20.22.4.27:2014-06-09) (CONF:1198-15946).

Figure 229: Vital Signs Organizer (V3) Example

```
<organizer classCode="CLUSTER" moodCode="EVN">
  <!-- ** Vital signs organizer ** -->
  <templateId root="2.16.840.1.113883.10.20.22.4.26" extension="2015-08-01" />
  <id root="24f6ad18-c512-40fc-82bd-1e131aa9e52b" />
  <code code="46680005" displayName="Vital Signs"
        codeSystem="2.16.840.1.113883.6.96" codeSystemName="SNOMED
CT">
    <translation code="74728-7"
      displayName="Vital signs, weight, height, head
circumference, oximetry, BMI, and BSA panel "
      codeSystem="2.16.840.1.113883.6.1"
      codeSystemName="LOINC"></translation>
    </code>
  <statusCode code="completed" />
  <effectiveTime>
    <low value="20120910" />
    <high value="20120910" />
  </effectiveTime>
  <component>
    <observation classCode="OBS" moodCode="EVN">
      <templateId root="2.16.840.1.113883.10.20.22.4.27" extension="2014-06-09" />
      <!-- Vital Sign Observation template -->
      ...
    </observation>
  </component>
  <component>
    <observation classCode="OBS" moodCode="EVN">
      <templateId root="2.16.840.1.113883.10.20.22.4.27" extension="2014-06-09" />
      <!-- Vital Sign Observation template -->
      ...
    </observation>
  </component>
  <component>
    <observation classCode="OBS" moodCode="EVN">
      <templateId root="2.16.840.1.113883.10.20.22.4.27" extension="2014-06-09" />
      <!-- Vital Sign Observation template -->
      ...
    </observation>
  </component>
</organizer>
```

3.110 Wound Characteristic

[observation: identifier urn:oid:2.16.840.1.113883.10.20.22.4.134 (open)]

Table 508: Wound Characteristic Contexts

Contained By:	Contains:
Longitudinal Care Wound Observation (V2) (optional)	