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 230: 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)	

This template represents characteristics of a wound (e.g., integrity of suture line, odor, erythema).

Table 509: Wound Characteristic Constraints Overview

XPath	Card.	Verb	Data Type	CONF#	Value
observation (identifier: urn:oid:2.16.840.1.113883.10.20.22.4.134)					
@classCode	1..1	SHALL		1098-29938	urn:oid:2.16.840.1.113883.5.6 (HL7ActClass) = OBS
@moodCode	1..1	SHALL		1098-29939	urn:oid:2.16.840.1.113883.5.1001 (HL7ActMood) = EVN
templateId	1..1	SHALL		1098-29940	
@root	1..1	SHALL		1098-29941	2.16.840.1.113883.10.20.22.4.134
id	1..*	SHALL		1098-29942	
code	1..1	SHALL		1098-29943	
@code	1..1	SHALL		1098-31540	ASSERTION
@codeSystem	1..1	SHALL		1098-31541	urn:oid:2.16.840.1.113883.5.4 (HL7ActCode) = 2.16.840.1.113883.5.4
statusCode	1..1	SHALL		1098-29944	urn:oid:2.16.840.1.113883.5.14 (HL7ActStatus) = completed
effectiveTime	1..1	SHALL		1098-29946	
value	1..1	SHALL	CD	1098-29947	urn:oid:2.16.840.1.113883.11.20.9.58 (Wound Characteristic)

1. **SHALL** contain exactly one [1..1] **@classCode**="OBS" (CodeSystem: HL7ActClass urn:oid:2.16.840.1.113883.5.6 **STATIC**) (CONF:1098-29938).
2. **SHALL** contain exactly one [1..1] **@moodCode**="EVN" (CodeSystem: HL7ActMood urn:oid:2.16.840.1.113883.5.1001 **STATIC**) (CONF:1098-29939).
3. **SHALL** contain exactly one [1..1] **templateId** (CONF:1098-29940) such that it
   a. **SHALL** contain exactly one [1..1] **@root**="2.16.840.1.113883.10.20.22.4.134" (CONF:1098-29941).