

- a. **SHALL** contain exactly one [1..1] **@root**="2.16.840.1.113883.10.20.22.2.4" (CONF:1198-10451).
  - b. **SHALL** contain exactly one [1..1] **@extension**="2015-08-01" (CONF:1198-32584).
2. **SHALL** contain exactly one [1..1] **code** (CONF:1198-15242).
  - a. This code **SHALL** contain exactly one [1..1] **@code**="8716-3" Vital Signs (CONF:1198-15243).
  - 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:1198-30902).
3. **SHALL** contain exactly one [1..1] **title** (CONF:1198-9966).
4. **SHALL** contain exactly one [1..1] **text** (CONF:1198-7270).
5. **SHOULD** contain zero or more [0..\*] **entry** (CONF:1198-7271) such that it
  - a. **SHALL** contain exactly one [1..1] [Vital Signs Organizer \(V3\)](#) (identifier: urn:hl7ii:2.16.840.1.113883.10.20.22.4.26:2015-08-01) (CONF:1198-15517).

### 2.70.1 Vital Signs Section (entries required) (V3)

[section: identifier urn:hl7ii:2.16.840.1.113883.10.20.22.2.4.1:2015-08-01 (open)]

**Table 216: Vital Signs Section (entries required) (V3) Contexts**

Contained By:	Contains:
<a href="#">Consultation Note (V3)</a> (optional) <a href="#">Continuity of Care Document (CCD) (V3)</a> (required) <a href="#">Transfer Summary (V2)</a> (required) <a href="#">Referral Note (V2)</a> (optional)	<a href="#">Vital Signs Organizer (V3)</a> (required)

The Vital Signs Section contains relevant vital signs for the context and use case of the document type, such as blood pressure, heart rate, respiratory rate, height, weight, body mass index, head circumference, pulse oximetry, temperature, and body surface area. The section should include notable vital signs such as the most recent, maximum and/or minimum, baseline, or relevant trends. Vital signs are represented in the same way as other results, but are aggregated into their own section to follow clinical conventions.

**Table 217: Vital Signs Section (entries required) (V3) Constraints Overview**

XPath	Card.	Verb	Data Type	CONF#	Value
section (identifier: urn:hl7ii:2.16.840.1.113883.10.20.22.2.4.1:2015-08-01)					
@nullFlavor	0..1	MAY		<a href="#">1198-32874</a>	urn:oid:2.16.840.1.113883.5.1008 (HL7NullFlavor) = NI
templateId	1..1	SHALL		<a href="#">1198-7273</a>	
@root	1..1	SHALL		<a href="#">1198-10452</a>	2.16.840.1.113883.10.20.22.2.4.1
@extension	1..1	SHALL		<a href="#">1198-32585</a>	2015-08-01
code	1..1	SHALL		<a href="#">1198-15962</a>	
@code	1..1	SHALL		<a href="#">1198-15963</a>	8716-3
@codeSystem	1..1	SHALL		<a href="#">1198-30903</a>	urn:oid:2.16.840.1.113883.6.1 (LOINC) = 2.16.840.1.113883.6.1
title	1..1	SHALL		<a href="#">1198-9967</a>	
text	1..1	SHALL		<a href="#">1198-7275</a>	
entry	1..*	SHALL		<a href="#">1198-7276</a>	
organizer	1..1	SHALL		<a href="#">1198-15964</a>	<a href="#">Vital Signs Organizer (V3) (identifier: urn:hl7ii:2.16.840.1.113883.10.20.22.4.26:2015-08-01)</a>

1. Conforms to [Vital Signs Section \(entries optional\) \(V3\)](#) template (identifier: urn:hl7ii:2.16.840.1.113883.10.20.22.2.4:2015-08-01).
2. **MAY** contain zero or one [0..1] **@nullFlavor**="NI" No information (CodeSystem: HL7NullFlavor urn:oid:2.16.840.1.113883.5.1008) (CONF:1198-32874).
3. **SHALL** contain exactly one [1..1] **templateId** (CONF:1198-7273) such that it
  - a. **SHALL** contain exactly one [1..1] **@root**="2.16.840.1.113883.10.20.22.2.4.1" (CONF:1198-10452).
  - b. **SHALL** contain exactly one [1..1] **@extension**="2015-08-01" (CONF:1198-32585).
4. **SHALL** contain exactly one [1..1] **code** (CONF:1198-15962).
  - a. This code **SHALL** contain exactly one [1..1] **@code**="8716-3" Vital Signs (CONF:1198-15963).
  - 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:1198-30903).
5. **SHALL** contain exactly one [1..1] **title** (CONF:1198-9967).
6. **SHALL** contain exactly one [1..1] **text** (CONF:1198-7275).

If section/@nullFlavor is not present:

7. **SHALL** contain at least one [1..\*] **entry** (CONF:1198-7276) such that it
  - a. **SHALL** contain exactly one [1..1] [Vital Signs Organizer \(V3\)](#) (identifier: urn:hl7ii:2.16.840.1.113883.10.20.22.4.26:2015-08-01) (CONF:1198-15964).

**Figure 122: Vital Signs Section (entries required) (V3) Example**

```
<component>
  <section>
    <!-- ** Vital Signs section with entries required ** -->
    <templateId root="2.16.840.1.113883.10.20.22.2.4.1" extension="2015-08-01" />
    <code code="8716-3" codeSystem="2.16.840.1.113883.6.1" codeSystemName="LOINC"
displayName="VITAL SIGNS" />
    <title>VITAL SIGNS</title>
    <text>
      . . .
    </text>
    <entry typeCode="DRIV">
      <organizer classCode="CLUSTER" moodCode="EVN">
        <!-- ** Vital signs organizer ** -->
        <templateId root="2.16.840.1.113883.10.20.22.4.26" extension="2015-08-01"
/>
          . . .
        </organizer>
      </entry>
    </section>
  </component>
```