

- 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 217: 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 218: 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>
```

### 3 ENTRY-LEVEL TEMPLATES

This chapter describes the clinical statement entry templates used within the sections of the document types of this consolidated guide. Entry templates contain constraints that are required for conformance.

Entry-level templates are always in sections.

Each entry-level template description contains the following information:

- Key template metadata (e.g., template identifier, etc.)
- Description and explanatory narrative.
- Required CDA acts, participants and vocabularies.
- Optional CDA acts, participants and vocabularies.

Several entry-level templates require an effectiveTime:

The effectiveTime of an observation is the time interval over which the observation is known to be true. The low and high values should be as precise as possible, but no more precise than known. While CDA has multiple mechanisms to record this time interval (e.g., by low and high values, low and width, high and width, or center point and width), this guide constrains most to use only the low/high form. The low value is the earliest point for which the condition is known to have existed. The high value, when present, indicates the time at which the observation was no longer known to be true. The full description of effectiveTime and time intervals is contained in the CDA R2 normative edition.

Provenance in entry templates:

In this version of Consolidated CDA (C-CDA), we have added a “SHOULD” Author constraint on several entry-level templates. Authorship and Author timestamps must be explicitly asserted in these cases, unless the values propagated from the document header hold true.

ID in entry templates:

Entry-level templates may also describe an id element, which is an identifier for that entry. This id may be referenced within the document, or by the system receiving the document. The id assigned must be globally unique.

#### 3.1 Admission Medication (V2)

[act: identifier urn:hl7ii:2.16.840.1.113883.10.20.22.4.36:2014-06-09 (open)]

Table 219: Admission Medication (V2) Contexts

Contained By:	Contains:
<a href="#">Admission Medications Section (entries optional) (V3)</a> (optional)	<a href="#">Medication Activity (V2)</a> (required)

This template represents the medications taken by the patient prior to and at the time of admission.