

- b. **SHALL** contain exactly one [1..1] [Medication Supply Order \(V2\)](#) (identifier: urn:hl7ii:2.16.840.1.113883.10.20.22.4.17:2014-06-09) (CONF:1098-15606).
13. A supply act **SHALL** contain one product/Medication Information OR one product/Immunization Medication Information template (CONF:1098-9333).

**Table 343: Medication Fill Status**

| Value Set: Medication Fill Status urn:oid:2.16.840.1.113883.3.88.12.80.64  |              |                                |            |
|--|--------------|--------------------------------|------------|
| Value Set Source:<br><a href="https://vsac.nlm.nih.gov/valueset/2.16.840.1.113883.3.88.12.80.64/expansion">https://vsac.nlm.nih.gov/valueset/2.16.840.1.113883.3.88.12.80.64/expansion</a> |              |                                |            |
| Code   | Code System  | Code System OID                | Print Name |
| aborted  | HL7ActStatus | urn:oid:2.16.840.1.113883.5.14 | Aborted    |
| completed  | HL7ActStatus | urn:oid:2.16.840.1.113883.5.14 | Completed  |

**Figure 170: Medication Dispense (V2) Example**

|  |
|--|
| <pre> &lt;supply classCode="SPLY" moodCode="EVN"&gt;   &lt;templateId root="2.16.840.1.113883.10.20.22.4.18" extension="2014-06-09" /&gt;   &lt;id root="1.2.3.4.56789.1" extension="cb734647-fc99-424c-a864-7e3cda82e704" /&gt;   &lt;statusCode code="completed" /&gt;   &lt;effectiveTime value="201208151450-0800" /&gt;   &lt;repeatNumber value="1" /&gt;   &lt;quantity value="75" /&gt;   &lt;product&gt;     &lt;manufacturedProduct classCode="MANU"&gt;       &lt;templateId root="2.16.840.1.113883.10.20.22.4.23" extension="2014-06-09" /&gt;       . . .     &lt;/manufacturedProduct&gt;   &lt;/product&gt;   &lt;performer&gt;     &lt;assignedEntity&gt;       . . .     &lt;/assignedEntity&gt;   &lt;/performer&gt; &lt;/supply&gt; </pre> |
|--|

### 3.50 Medication Free Text Sig

[substanceAdministration: identifier urn:oid:2.16.840.1.113883.10.20.22.4.147 (closed)]

**Table 344: Medication Free Text Sig Contexts**

| Contained By:                                       | Contains: |
|---|-----------|
| <a href="#">Medication Activity (V2)</a> (optional) |           |

The template is available to explicitly identify the free text Sig within each medication.  
An example free text sig: Thyroxin 150 ug, take one tab by mouth every morning.

**Table 345: Medication Free Text Sig Constraints Overview**

| XPath  | Card. | Verb   | Data Type | CONF#                    | Value   |
|--|-------|--------|-----------|--------------------------|---|
| substanceAdministration (identifier: urn:oid:2.16.840.1.113883.10.20.22.4.147) |       |        |           |                          |   |
| @classCode   | 1..1  | SHALL  |           | <a href="#">81-32770</a> | urn:oid:2.16.840.1.113883.5.6 (HL7ActClass) = SBADM           |
| @moodCode  | 1..1  | SHALL  |           | <a href="#">81-32771</a> | urn:oid:2.16.840.1.113883.11.20.9.18 (MoodCodeEvnInt)         |
| templateId   | 1..1  | SHALL  |           | <a href="#">81-32753</a> |   |
| @root  | 1..1  | SHALL  |           | <a href="#">81-32772</a> | 2.16.840.1.113883.10.20.22.4.147                              |
| code   | 1..1  | SHALL  |           | <a href="#">81-32775</a> | urn:oid:2.16.840.1.113883.6.1 (LOINC)                         |
| @code  | 1..1  | SHALL  |           | <a href="#">81-32780</a> | 76662-6   |
| @codeSystem  | 1..1  | SHALL  |           | <a href="#">81-32781</a> | urn:oid:2.16.840.1.113883.6.1 (LOINC) = 2.16.840.1.113883.6.1 |
| text   | 1..1  | SHALL  |           | <a href="#">81-32754</a> |   |
| reference  | 1..1  | SHALL  |           | <a href="#">81-32755</a> |   |
| @value   | 0..1  | SHOULD |           | <a href="#">81-32756</a> |   |
| consumable   | 1..1  | SHALL  |           | <a href="#">81-32776</a> |   |
| manufacturedProduct  | 1..1  | SHALL  |           | <a href="#">81-32777</a> |   |
| manufacturedLabeledDrug  | 1..1  | SHALL  |           | <a href="#">81-32778</a> |   |
| @nullFlavor  | 1..1  | SHALL  |           | <a href="#">81-32779</a> | NA  |

1. **SHALL** contain exactly one [1..1] **@classCode**="SBADM" (CodeSystem: HL7ActClass urn:oid:2.16.840.1.113883.5.6 **STATIC**) (CONF:81-32770).
2. **SHALL** contain exactly one [1..1] **@moodCode**, which **SHALL** be selected from ValueSet [MoodCodeEvnInt](#) urn:oid:2.16.840.1.113883.11.20.9.18 **STATIC** 2011-04-03 (CONF:81-32771).  
Note: moodCode must match the parent substanceAdministration EVN or INT
3. **SHALL** contain exactly one [1..1] **templateId** (CONF:81-32753) such that it
  - a. **SHALL** contain exactly one [1..1] **@root**="2.16.840.1.113883.10.20.22.4.147" (CONF:81-32772).
4. **SHALL** contain exactly one [1..1] **code** (CodeSystem: LOINC urn:oid:2.16.840.1.113883.6.1) (CONF:81-32775).
  - a. This code **SHALL** contain exactly one [1..1] **@code**="76662-6" Instructions Medication (CONF:81-32780).
  - 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 **STATIC**) (CONF:81-32781).
5. **SHALL** contain exactly one [1..1] **text** (CONF:81-32754).

Reference into the section/text to a tag that only contains free text sig.

- a. This text **SHALL** contain exactly one [1..1] **reference** (CONF:81-32755).
  - i. This reference **SHOULD** contain zero or one [0..1] **@value** (CONF:81-32756).
    1. This reference/@value **SHALL** begin with a '#' and **SHALL** point to its corresponding narrative (using the approach defined in CDA Release 2, section 4.3.5.1) (CONF:81-32774).
6. **SHALL** contain exactly one [1..1] **consumable** (CONF:81-32776).
  - a. This consumable **SHALL** contain exactly one [1..1] **manufacturedProduct** (CONF:81-32777).
    - i. This manufacturedProduct **SHALL** contain exactly one [1..1] **manufacturedLabeledDrug** (CONF:81-32778).
      1. This manufacturedLabeledDrug **SHALL** contain exactly one [1..1] **@nullFlavor="NA"** Not Applicable (CONF:81-32779).

**Figure 171: Medication Free Text Sig Example**

```
<!-- moodCode matches the parent substanceAdministration EVN or INT -->
<substanceAdministration classCode="SBADM" moodCode="EVN">
  <templateId root="2.16.840.1.113883.10.20.22.4.147"/>
  <code code="76662-6"
    codeSystem="2.16.840.1.113883.6.1"
    codeSystemName="LOINC"
    displayName="Medication Instructions"/>
  <text>
    <!-- Reference into the section.text to a tag that ONLY contains free text SIG -->
    <reference value="#AD1"/>
  </text>
  <consumable>
    <manufacturedProduct>
      <manufacturedLabeledDrug nullFlavor="NA"/>
    </manufacturedProduct>
  </consumable>
</substanceAdministration>
```

### 3.51 Medication Information (V2)

[manufacturedProduct: identifier  
urn:hl7ii:2.16.840.1.113883.10.20.22.4.23:2014-06-09 (open)]

**Table 346: Medication Information (V2) Contexts**

| Contained By:  | Contains: |
|--|-----------|
| <a href="#">Medication Activity (V2)</a> (required)<br><a href="#">Planned Supply (V2)</a> (optional)<br><a href="#">Planned Medication Activity (V2)</a> (required)<br><a href="#">Medication Supply Order (V2)</a> (optional)<br><a href="#">Medication Dispense (V2)</a> (optional) |           |