# Vital Signs Section: XML Example Introduction

This is an example of the Vital Signs Section. Entries have been included as examples, but are not required by MU2.

# Narrative Description

Vitals Normal:

* Height - 165 cm (normal)
* Weight - 56.7 kg (normal)
* BMI - 24.25 kg/m2 (normal)
* BP Systolic - 101 mmHg (normal)
* BP Diastolic - 73 mmHg (normal)

# Coded Data

|  |  |
| --- | --- |
| Vital Signs | |
| Height | Observed: 165 cm  8302-2 Height  Code System = LOINC (2.16.840.1.113883.6.1) |
| Weight | Observed: 56.7 kg  3141-9 Weight measured  Code System = LOINC (2.16.840.1.113883.6.1) |
| Body Mass Index | Observed: 24.25 kg/m2  39156-5 BMI  Code System = LOINC (2.16.840.1.113883.6.1) |
| Blood Pressure - Systolic | Observed: 101 mmHg  8480-6 BP Systolic  Code System = LOINC (2.16.840.1.113883.6.1) |
| Blood Pressure - Diastolic | Observed: 73 mmHg  8480-4 BP Diastolic  Code System = LOINC (2.16.840.1.113883.6.1) |

# Sample XML

<component>  
 <section>  
 <templateId root="2.16.840.1.113883.10.20.22.2.4.1"/>  
 <code code="8716-3" codeSystem="2.16.840.1.113883.6.1" codeSystemName="LOINC"  
 displayName="VITAL SIGNS"/>  
 <title>VITAL SIGNS</title>  
 <text>  
 Vitals Normal:  
 <list listType="ordered">  
 <item><content ID="vit1">Height - 165 cm (normal)</content></item>  
 <item><content ID="vit2">Weight - 56.7 kg (normal)</content></item>  
 <item><content ID="vit3">BMI - 24.25 kg/m2 (normal)</content></item>  
 <item><content ID="vit4">BP Systolic - 101 mmHg (normal)</content></item>  
 <item><content ID="vit5">BP Diastolic - 73 mmHg (normal)</content></item>  
 </list>  
 </text>  
 <entry>  
 <organizer classCode="CLUSTER" moodCode="EVN">  
 <!-- Vital signs organizer template -->  
 <templateId root="2.16.840.1.113883.10.20.22.4.26"/>  
 <id root="1bbf0204-3c95-4320-b2a2-41f46eb3b8bf"/>  
 <code code="46680005" codeSystem="2.16.840.1.113883.6.96"  
 codeSystemName="SNOMED CT" displayName="Vital signs"/>  
 <statusCode code="completed"/>  
 <effectiveTime value="20110916"/>  
 <component>  
 <observation classCode="OBS" moodCode="EVN">  
 <templateId root="2.16.840.1.113883.10.20.22.4.27"/>  
 <!-- Vital Sign Observation template -->  
 <id root="2990030c-ca41-4e82-8843-91f292416cd1"/>  
 <code code="8302-2" codeSystem="2.16.840.1.113883.6.1"  
 codeSystemName="LOINC" displayName="Height"/>  
 <text><reference value="#vit1"/></text>  
 <statusCode code="completed"/>  
 <effectiveTime value="20110916"/>  
 <value xsi:type="PQ" value="165" unit="cm"/>  
 </observation>  
 </component>  
 <component>  
 <observation classCode="OBS" moodCode="EVN">  
 <templateId root="2.16.840.1.113883.10.20.22.4.27"/>  
 <!-- Vital Sign Observation template -->  
 <id root="126dd0d4-32fc-44a2-99cd-2bffaf0a9b59"/>  
 <code code="3141-9" codeSystem="2.16.840.1.113883.6.1"  
 codeSystemName="LOINC" displayName="Weight measured"/>  
 <text><reference value="#vit2"/></text>  
 <statusCode code="completed"/>  
 <effectiveTime value="20110916"/>  
 <value xsi:type="PQ" value="56.7" unit="kg"/>  
 </observation>  
 </component>  
 <component>  
 <observation classCode="OBS" moodCode="EVN">  
 <templateId root="2.16.840.1.113883.10.20.22.4.27"/>  
 <!-- Vital Sign Observation template -->  
 <id root="9fc97294-9f10-4408-b4c3-b957577cdc36"/>  
 <code code="39156-5" codeSystem="2.16.840.1.113883.6.1"  
 codeSystemName="LOINC" displayName="BMI"/>  
 <text><reference value="#vit3"/></text>  
 <statusCode code="completed"/>  
 <effectiveTime value="20110916"/>  
 <value xsi:type="PQ" value="24.25" unit="kg/m2"/>  
 <interpretationCode code="N" codeSystem="2.16.840.1.113883.5.83"/>  
 </observation>  
 </component>  
 <component>  
 <observation classCode="OBS" moodCode="EVN">  
 <templateId root="2.16.840.1.113883.10.20.22.4.27"/>  
 <!-- Vital Sign Observation template -->  
 <id root="7d32ba05-fef3-41f5-92da-52e0e442c35b"/>  
 <code code="8480-6" codeSystem="2.16.840.1.113883.6.1"  
 codeSystemName="LOINC" displayName="BP Systolic"/>  
 <text><reference value="#vit4"/></text>  
 <statusCode code="completed"/>  
 <effectiveTime value="20110916"/>  
 <value xsi:type="PQ" value="101" unit="mmHg"/>  
 <interpretationCode code="N" codeSystem="2.16.840.1.113883.5.83"/>  
 </observation>  
 </component>  
 <component>  
 <observation classCode="OBS" moodCode="EVN">  
 <templateId root="2.16.840.1.113883.10.20.22.4.27"/>  
 <!-- Vital Sign Observation template -->  
 <id root="0960058e-dd6c-4c9a-9f83-62404f26da48"/>  
 <code code="8480-4" codeSystem="2.16.840.1.113883.6.1"  
 codeSystemName="LOINC" displayName="BP Diastolic"/>  
 <text><reference value="#vit5"/></text>  
 <statusCode code="completed"/>  
 <effectiveTime value="20110916"/>  
 <value xsi:type="PQ" value="73" unit="mmHg"/>  
 <interpretationCode code="N" codeSystem="2.16.840.1.113883.5.83"/>  
 </observation>  
 </component>  
 </organizer>  
 </entry>  
 </section>  
 </component>

***Narrative Text for Human Review***

***Height***

***Weight***

***Body Mass Index***

***Body Mass Index (continued)***

***Blood Pressure - Systolic***

***Blood Pressure - Diastolic***