# Medications Section: XML Example Introduction

This is an example of the Medication Section with coded entries required. MU2 only specifies a vocabulary for medication information.

# Narrative Description

* Take Acetaminophen 500 MG Oral Tablet every 8 hours for 10 days.
* Take Fluoxetine 15 MG Oral Tablet once a day at breakfast.

# Coded Data

|  |  |
| --- | --- |
| Acetaminophen | |
| Medication Information | 198440 Acetaminophen 500 MG Oral Tablet  Code System = RxNorm (2.16.840.1.113883.6.88) |
| Route of Administration | C38288  Oral  Code System = NCI Thesaurus (2.16.840.1.113883.3.26.1.1) |
| Product Form | C42998  Tablet  Code System = NCI Thesaurus (2.16.840.1.113883.3.26.1.1) |

|  |  |
| --- | --- |
| Fluoxetine | |
| Medication Information | 803293 Fluoxetine 15 MG Oral Tablet  Code System = RxNorm (2.16.840.1.113883.6.88) |
| Route of Administration | C38288  Oral  Code System = NCI Thesaurus (2.16.840.1.113883.3.26.1.1) |
| Product Form | C42998  Tablet  Code System = NCI Thesaurus (2.16.840.1.113883.3.26.1.1) |

# Sample XML

<component>  
 <section>  
 <!-- Medication Section (entries required) -->  
 <templateId root="2.16.840.1.113883.10.20.22.2.1.1"/>  
 <code code="10160-0" codeSystem="2.16.840.1.113883.6.1" codeSystemName="LOINC"  
 displayName="HISTORY OF MEDICATION USE"/>  
 <title>Medications</title>  
 <text>  
 <list listType="ordered">  
 <item><content ID="medication1">Take Acetaminophen 500 MG Oral Tablet every 8  
 hours for 10 days.</content></item>  
 <item><content ID="medication2">Take Fluoxetine 15 MG Oral Tablet once a day at  
 breakfast.</content></item>  
 </list>  
 </text>  
 <entry>  
 <substanceAdministration classCode="SBADM" moodCode="EVN">  
 <!-- Medication Activity Entry template -->  
 <templateId root="2.16.840.1.113883.10.20.22.4.16"/>  
 <id root="50148fe0-6d3d-4cea-b646-16e285b780fc"/>  
 <text>  
 <reference value="#medication1"/>  
 </text>  
 <statusCode code="active"/>  
 <effectiveTime xsi:type="IVL\_TS">  
 <low value="20120612"/>  
 <high value="20120622"/>  
 </effectiveTime>  
 <effectiveTime xsi:type="PIVL\_TS" institutionSpecified="true" operator="A">  
 <period value="8" unit="h"/>  
 </effectiveTime>  
 <repeatNumber value="1"/>  
 <routeCode code="C38288" displayName="oral"  
 codeSystem="2.16.840.1.113883.3.26.1.1" codeSystemName="NCI Thesaurus"/>  
 <doseQuantity value="1"/>  
 <maxDoseQuantity>  
 <numerator value="3"/>  
 <denominator value="24" unit="h"/>  
 </maxDoseQuantity>  
 <administrationUnitCode code="C42998" displayName="tablet"  
 codeSystem="2.16.840.1.113883.3.26.1.1" codeSystemName="NCI Thesaurus"/>  
 <consumable>  
 <manufacturedProduct classCode="MANU">  
 <!-- Medication Information Entry template -->  
 <templateId root="2.16.840.1.113883.10.20.22.4.23"/>  
 <manufacturedMaterial>  
 <code code="198440" codeSystem="2.16.840.1.113883.6.88"  
 codeSystemName="RxNorm"  
 displayName="Acetaminophen 500 MG Oral Tablet">  
 <originalText>  
 <reference value="#medication1"/>  
 </originalText>  
 </code>  
 </manufacturedMaterial>  
 </manufacturedProduct>  
 </consumable>  
 <entryRelationship typeCode="REFR">  
 <supply classCode="SPLY" moodCode="INT">  
 <!-- Medication Supply Order template -->  
 <templateId root="2.16.840.1.113883.10.20.22.4.17"/>  
 <id root="a5f5a215-4cdd-4dd6-b986-52d3542f500b"/>  
 <statusCode code="active"/>  
 <effectiveTime xsi:type="IVL\_TS">  
 <width value="10" unit="d"/>  
 <high value="20120622"/>  
 </effectiveTime>  
 <repeatNumber value="1"/>  
 <quantity value="50"/>  
 <product>  
 <manufacturedProduct classCode="MANU">  
 <!-- Medication Information Entry template -->  
 <templateId root="2.16.840.1.113883.10.20.22.4.23"/>  
 <manufacturedMaterial>  
 <code code="198440" codeSystem="2.16.840.1.113883.6.88"  
 codeSystemName="RxNorm"  
 displayName="Acetaminophen 500 MG Oral Tablet">  
 <originalText>  
 <reference value="#medication1"/>  
 </originalText>  
 </code>  
 </manufacturedMaterial>  
 </manufacturedProduct>  
 </product>  
 </supply>  
 </entryRelationship>  
 </substanceAdministration>  
 </entry>  
 <entry>  
 <substanceAdministration classCode="SBADM" moodCode="EVN">  
 <!-- Medication Activity Entry template -->  
 <templateId root="2.16.840.1.113883.10.20.22.4.16"/>  
 <id root="749e5b89-493a-4396-9a5e-8f4e2ae04653"/>  
 <text>  
 <reference value="#medication2"/>  
 </text>  
 <statusCode code="active"/>  
 <effectiveTime xsi:type="IVL\_TS">  
 <low value="20120612"/>  
 <high value="20121212"/>  
 </effectiveTime>  
 <effectiveTime xsi:type="EIVL\_TS" operator="A">  
 <event code="ACM"/>  
 </effectiveTime>  
 <repeatNumber value="1"/>  
 <routeCode code="C38288" displayName="oral"  
 codeSystem="2.16.840.1.113883.3.26.1.1" codeSystemName="NCI Thesaurus"/>  
 <doseQuantity value="1"/>  
 <administrationUnitCode code="C42998" displayName="tablet"  
 codeSystem="2.16.840.1.113883.3.26.1.1" codeSystemName="NCI Thesaurus"/>  
 <consumable>  
 <manufacturedProduct classCode="MANU">  
 <!-- Medication Information Entry template -->  
 <templateId root="2.16.840.1.113883.10.20.22.4.23"/>  
 <manufacturedMaterial>  
 <code code="803293" codeSystem="2.16.840.1.113883.6.88"  
 codeSystemName="RxNorm" displayName="Fluoxetine 15 MG Oral Tablet">  
 <originalText>  
 <reference value="#medication2"/>  
 </originalText>  
 </code>  
 </manufacturedMaterial>  
 </manufacturedProduct>  
 </consumable>  
 </substanceAdministration>  
 </entry>  
 </section>  
 </component>

***Acetaminophen***

***Narrative Text for Human Review***

***Acetaminophen (continued)***

***Route of Administration***

***Product Form***

***Medication***

***Acetaminophen (continued)***

***Fluoxetine***

***Route of Administration***

***Product Form***

***Fluoxetine (continued)***

***Medication***