

# Sample Sections for Study

## The Social History section (obtained via NIST examples)

As per [IHE](#), this section SHALL contain coded entries and SHOULD use the codes specified in the [Antepartum Social History Value Set](#). If the data is not present or not available within the system no entries are required.

So basically, we need to search OMRS for any obs linked to a concept listed on the value set page, and include them in this section.

```
<component>
    <!-- Social History ***** -->
    <section>
        <templateId root="2.16.840.1.113883.10.20.22.2.17"/>
        <!-- ***** Social history section template ***** -->
        <code code="29762-2" codeSystem="2.16.840.1.113883.6.1" displayName="
Social History"/>

        <title>Social History</title>
        <text>
            <table border="1" width="100%">
                <thead>
                    <tr>
                        <th>Social History Element</th>
                        <th>Description</th>
                        <th>Effective Dates</th>
                    </tr>
                </thead>
                <tbody>
                    <tr>
                        <td>
                            <content ID="soc1"/> smoking<
/td>
                            <td>1 pack per day</td>
                            <td>1947 - 1972</td>
                        </tr>
                    <tr>
                        <td>
                            <content ID="soc2"/> smoking<
/td>
                            <td>None</td>
                            <td>1973 - </td>
                        </tr>
                    <tr>
                        <td>
                            <content ID="soc3"/>Alcohol
consumption</td>
                            <td>None</td>
                            <td>1973 - </td>
                        </tr>
                </tbody>
            </table>
        </text>
        <entry typeCode="DRIV">
            <observation classCode="OBS" moodCode="EVN">
                <templateId root="2.16.840.1.113883.10.20.22.4.38"/>
                <!-- ***** Social history observation template
***** -->
                <id root="9b56c25d-9104-45ee-9fa4-e0f3afaa01c1"/>
                <code code="230056004" codeSystem="
2.16.840.1.113883.6.96" displayName="Cigarette smoking">
                    <originalText>
                        <reference value="#soc1"/>
                    </originalText>
                </code>
                <statusCode code="completed"/>
                <effectiveTime>
                    <low value="1947"/>
                    <high value="1972"/>
                </effectiveTime>
            </observation>
        </entry>
    </section>
</component>
```

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                <value xsi:type="ST">1 pack per day</value>
            </observation>
        </entry>
        <entry typeCode="DRIV">
            <observation classCode="OBS" moodCode="EVN">
                <templateId root="2.16.840.1.113883.10.20.22.4.38"/>
                <!-- ***** Social history observation template
***** -->
                <id root="45efb604-7049-4a2e-ad33-d38556c9636c"/>
                <code code="230056004" codeSystem="
2.16.840.1.113883.6.96" displayName="Cigarette smoking">
                    <originalText>
                        <reference value="#soc2"/>
                    </originalText>
                </code>
                <statusCode code="completed"/>
                <effectiveTime>
                    <low value="1973"/>
                </effectiveTime>
                <value xsi:type="ST">None</value>
            </observation>
        </entry>
        <entry typeCode="DRIV">
            <observation classCode="OBS" moodCode="EVN">
                <templateId root="2.16.840.1.113883.10.20.22.4.38"/>
                <!-- ***** Social history observation template
***** -->
                <id root="37f76c51-6411-4e1d-8a37-957fd49d2cef"/>
                <code code="160573003" codeSystem="
2.16.840.1.113883.6.96" displayName="Alcohol consumption">
                    <originalText>
                        <reference value="#soc3"/>
                    </originalText>
                </code>
                <statusCode code="completed"/>
                <effectiveTime>
                    <low value="1973"/>
                </effectiveTime>
                <value xsi:type="ST">None</value>
            </observation>
        </entry>
    </section>
</component>
<!--

```

## The Vital Signs section : (obtained via NIST examples)

Use this model, and look for the specific terms listed here.

```

        <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>
                    <table border="1" width="100%">
                        <thead>
                            <tr>
                                <th align="right">Date / Time: </th>
                            <tr>
                                <th>Nov 14, 1999</th>
                                <th>April 7, 2000</th>
                            </tr>
                        </thead>
                        <tbody>
                            <tr>
                                <th align="left">Height</th>

```

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                <td>
                    <content ID="vit1">177 cm<
/conten>
                </td>
                <td>
                    <content ID="vit2">177 cm<
/conten>
                </td>
            </tr>
            <tr>
                <th align="left">Weight</th>
                <td>
                    <content ID="vit3">86 kg<
/conten>
                </td>
                <td>
                    <content ID="vit4">88 kg<
/conten>
                </td>
            </tr>
            <tr>
                <th align="left">Blood Pressure</th>
                <td>
                    <content ID="vit5">132/86 mmHg<
/conten>
                </td>
                <td>
                    <content ID="vit6">145/88 mmHg<
/conten>
                </td>
            </tr>
        </tbody>
    </table>
</text>
<entry typeCode="DRIV">
    <organizer classCode="CLUSTER" moodCode="EVN">
        <templateId root="2.16.840.1.113883.10.20.22.4.26"/>
        <!-- Vital signs organizer template -->
        <id root="c6f88320-67ad-11db-bd13-0800200c9a66"/>
        <code code="46680005" codeSystem="
2.16.840.1.113883.6.96" codeSystemName="SNOMED -CT" displayName="Vital signs"/>
        <statusCode code="completed"/>
        <effectiveTime value="19991114"/>
        <component>
            <observation classCode="OBS" moodCode="EVN">
                <templateId root="
2.16.840.1.113883.10.20.22.4.27"/>
                <!-- Vital Sign Observation template -->
                <id root="c6f88321-67ad-11db-bd13-
0800200c9a66"/>
                <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="19991114"/>
                <value xsi:type="PQ" value="177" unit="
cm"/>
                <interpretationCode code="N"
codeSystem="2.16.840.1.113883.5.83"/>
            </observation>
        </component>
    </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="c6f88321-67ad-11db-bd13-
0800200c9a66"/>
            <code code="3141-9" codeSystem="

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2.16.840.1.113883.6.1" codeSystemName="LOINC" displayName="Patient Body Weight - Measured"/>
    <text>
        <reference value="#vit4"/>
    </text>
    <statusCode code="completed"/>
    <effectiveTime value="19991114"/>
    <value xsi:type="PQ" value="86" unit="
kg"/>
    <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="c6f88321-67ad-11db-bd13-
0800200c9a66"/>
        <code code="8480-6" codeSystem="
2.16.840.1.113883.6.1" codeSystemName="LOINC" displayName="Intravascular Systolic"/>
        <text>
            <reference value="#vit5"/>
        </text>
        <statusCode code="completed"/>
        <effectiveTime value="19991114"/>
        <value xsi:type="PQ" value="132" unit="
mm[Hg]"/>
        <interpretationCode code="N"
codeSystem="2.16.840.1.113883.5.83"/>
    </observation>
</component>
</organizer>
</entry>
<entry typeCode="DRIV">
    <organizer classCode="CLUSTER" moodCode="EVN">
        <templateId root="2.16.840.1.113883.10.20.22.4.26"/>
        <!-- Vital signs organizer template -->
        <id root="c6f88320-67ad-11db-bd13-0800200c9a66"/>
        <code code="46680005" codeSystem="
2.16.840.1.113883.6.96" codeSystemName="SNOMED -CT" displayName="Vital signs"/>
        <statusCode code="completed"/>
        <effectiveTime value="20000407"/>
        <component>
            <observation classCode="OBS" moodCode="EVN">
                <templateId root="
2.16.840.1.113883.10.20.22.4.27"/>
                <!-- Vital Sign Observation template -->
                <id root="c6f88321-67ad-11db-bd13-
0800200c9a66"/>
                <code code="8302-2" codeSystem="
2.16.840.1.113883.6.1" codeSystemName="LOINC" displayName="Height"/>
                <text>
                    <reference value="#vit2"/>
                </text>
                <statusCode code="completed"/>
                <effectiveTime value="20000407"/>
                <value xsi:type="PQ" value="177" unit="
cm"/>
                <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="c6f88321-67ad-11db-bd13-
0800200c9a66"/>
                <code code="3141-9" codeSystem="

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```

2.16.840.1.113883.6.1" codeSystemName="LOINC" displayName="Patient Body Weight - Measured"/>
    <text>
        <reference value="#vit4"/>
    </text>
    <statusCode code="completed"/>
    <effectiveTime value="20000407"/>
    <value xsi:type="PQ" value="88" unit="
kg"/>
    <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="c6f88321-67ad-11db-bd13-
0800200c9a66"/>
        <code code="8480-6" codeSystem="
2.16.840.1.113883.6.1" codeSystemName="LOINC" displayName="Intravascular Systolic"/>
        <text>
            <reference value="#vit6"/>
        </text>
        <statusCode code="completed"/>
        <effectiveTime value="20000407"/>
        <value xsi:type="PQ" value="145" unit="
mm[Hg]"/>
        <interpretationCode code="N"
codeSystem="2.16.840.1.113883.5.83"/>
    </observation>
</component>
</organizer>
</entry>
</section>
</component>

```

## History of present illness

How to represent the observation date ?

```

    <component>
        <section>
            <templateId root="1.3.6.1.4.1.19376.1.5.3.1.3.4"/>
            <code codeSystem="2.16.840.1.113883.6.1" codeSystemName="LOINC" code="
10164-2" displayName="HISTORY OF PRESENT ILLNESS"/>
            <title>HISTORY OF PRESENT ILLNESS</title>
            <text>
                <paragraph>This patient was only recently discharged for a
recurrent GI bleed as described below.</paragraph>
                <paragraph>He presented to the ER today c/o a dark stool
yesterday but a normal brown stool today. On
                    he was hypotensive in the 80's resolved after ....
                </paragraph>
                <paragraph>Lab at discharge: Glucose 112, BUN 16, creatinine
1.1, electrolytes normal. H. pylori antibody pending. Admission hematocrit 16%, discharge hematocrit 29%. WBC
7300, platelet count 256,000. Urinalysis normal. Urine culture: No growth. INR 1.1, PTT 40.</paragraph>
                <paragraph>He was transfused with 6 units of packed red blood
cells with ....</paragraph>
                <paragraph>GI evaluation 12 September: Colonoscopy showed
single red clot in ....</paragraph>
            </text>
        </section>
    </component>

```