a. **SHALL** contain exactly one [1..1] **@root**="2.16.840.1.113883.10.20.22.2.22" (CONF:1198-10386).

b. **SHALL** contain exactly one [1..1] **@extension**="2015-08-01" (CONF:1198-32547).

2. **SHALL** contain exactly one [1..1] **code** (CONF:1198-15461).

a. This code **SHALL** contain exactly one [1..1] **@code**="46240-8" Encounters (CONF:1198-15462).

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:1198-31136).

3. **SHALL** contain exactly one [1..1] **title** (CONF:1198-7942).

4. **SHALL** contain exactly one [1..1] **text** (CONF:1198-7943).

5. **SHOULD** contain zero or more [0..*] **entry** (CONF:1198-7951) such that it

a. **SHALL** contain exactly one [1..1] **Encounter Activity (V3)** (identifier: urn:hl7ii:2.16.840.1.113883.10.20.22.4.49:2015-08-01) (CONF:1198-15465).

2.16.1 Encounters Section (entries required) (V3)

[section: identifier urn:hl7ii:2.16.840.1.113883.10.20.22.2.22.1:2015-08-01 (open)]

Table 98: Encounters Section (entries required) (V3) Contexts

Contained By:	Contains:
Transfer Summary (V2) (optional)	Encounter Activity (V3) (required)

This section lists and describes any healthcare encounters pertinent to the patient's current health status or historical health history. An encounter is an interaction, regardless of the setting, between a patient and a practitioner who is vested with primary responsibility for diagnosing, evaluating, or treating the patient's condition. It may include visits, appointments, as well as non-face-to-face interactions. It is also a contact between a patient and a practitioner who has primary responsibility (exercising independent judgment) for assessing and treating the patient at a given contact. This section may contain all encounters for the time period being summarized, but should include notable encounters.

Table 99: Encounters Section (entries required) (V3) Constraints Overview

XPath	Card.	Verb	Data Type	CONF#	Value
section (identifier: urn:hl7ii:2.16.840.1.113883.10.20.22.2.22.1:2015-08-01)					
@nullFlavor	0..1	MAY		1198-32815	urn:oid:2.16.840.1.113883.5.1008 (HL7NullFlavor) = NI
templateId	1..1	SHALL		1198-8705	
@root	1..1	SHALL		1198-10387	2.16.840.1.113883.10.20.22.2.22.1
@extension	1..1	SHALL		1198-32548	2015-08-01
code	1..1	SHALL		1198-15466	
@code	1..1	SHALL		1198-15467	46240-8
@codeSystem	1..1	SHALL		1198-31137	urn:oid:2.16.840.1.113883.6.1 (LOINC) = 2.16.840.1.113883.6.1
title	1..1	SHALL		1198-8707	
text	1..1	SHALL		1198-8708	
entry	1..*	SHALL		1198-8709	
encounter	1..1	SHALL		1198-15468	Encounter Activity (V3) (identifier: urn:hl7ii:2.16.840.1.113883.10.20.22.4.49:2015-08-01)

1. Conforms to **Encounters Section (entries optional) (V3)** template (identifier: urn:hl7ii:2.16.840.1.113883.10.20.22.2.22:2015-08-01).
2. **MAY** contain zero or one [0..1] **@nullFlavor**="NI" No information (CodeSystem: HL7NullFlavor urn:oid:2.16.840.1.113883.5.1008) (CONF:1198-32815).
3. **SHALL** contain exactly one [1..1] **templateId** (CONF:1198-8705) such that it
    a. **SHALL** contain exactly one [1..1] **@root**="2.16.840.1.113883.10.20.22.2.22.1" (CONF:1198-10387).
    b. **SHALL** contain exactly one [1..1] **@extension**="2015-08-01" (CONF:1198-32548).
4. **SHALL** contain exactly one [1..1] **code** (CONF:1198-15466).
    a. This code **SHALL** contain exactly one [1..1] **@code**="46240-8" Encounters (CONF:1198-15467).
    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:1198-31137).
5. **SHALL** contain exactly one [1..1] **title** (CONF:1198-8707).
6. **SHALL** contain exactly one [1..1] **text** (CONF:1198-8708).

If section/@nullFlavor is not present:

7. **SHALL** contain at least one [1..*] **entry** (CONF:1198-8709) such that it
   a. **SHALL** contain exactly one [1..1] **Encounter Activity (V3)** (identifier: urn:hl7ii:2.16.840.1.113883.10.20.22.4.49:2015-08-01) (CONF:1198-15468).

Figure 70: Encounters Section (entries required) (V3) Example

```
<section>
    <templateId root="2.16.840.1.113883.10.20.22.2.22.1" extension="2015-08-01" />
    <!-- Encounters Section - Entries required -->
    <code code="46240-8" codeSystem="2.16.840.1.113883.6.1" codeSystemName="LOINC"
displayName="History of encounters" />
    <title>Encounters</title>
    <text>
    ...
  </text>
    <entry typeCode="DRIV">
        <encounter classCode="ENC" moodCode="EVN">
            <!-- Encounter Activities -->
            ...

        </encounter>
    </entry>
</section>
```

2.17 Family History Section (V3)

```
[section: identifier urn:hl7ii:2.16.840.1.113883.10.20.22.2.15:2015-08-01
(open)]
```

Table 100: Family History Section (V3) Contexts

Contained By:	Contains:
Consultation Note (V3) (optional)	Family History Organizer (V3) (optional)
Continuity of Care Document (CCD) (V3) (optional)	
Discharge Summary (V3) (optional)	
History and Physical (V3) (required)	
Transfer Summary (V2) (optional)	
Referral Note (V2) (optional)	
Procedure Note (V3) (optional)	

This section contains data defining the patient's genetic relatives in terms of possible or relevant health risk factors that have a potential impact on the patient's healthcare risk profile.