

### 3.64 *Planned Encounter (V2)*

[encounter: identifier urn:hl7ii:2.16.840.1.113883.10.20.22.4.40:2014-06-09  
(open) ]

**Table 381: Planned Encounter (V2) Contexts**

Contained By:	Contains:
<a href="#">Plan of Treatment Section (V2)</a> (optional) <a href="#">Nutrition Recommendation</a> (optional) <a href="#">Planned Intervention Act (V2)</a> (optional)	<a href="#">Service Delivery Location</a> (optional) <a href="#">Indication (V2)</a> (optional) <a href="#">Priority Preference</a> (optional) <a href="#">Author Participation</a> (optional)

This template represents a planned or ordered encounter. The type of encounter (e.g., comprehensive outpatient visit) is represented. Clinicians participating in the encounter and the location of the planned encounter may be captured. The priority that the patient and providers place on the encounter may be represented.

**Table 382: Planned Encounter (V2) Constraints Overview**

XPath	Card.	Verb	Data Type	CONF#	Value
encounter (identifier: urn:hl7ii:2.16.840.1.113883.10.20.22.4.40:2014-06-09)					
@classCode	1..1	SHALL		<a href="#">1098-8564</a>	urn:oid:2.16.840.1.113883.5.6 (HL7ActClass) = ENC
@moodCode	1..1	SHALL		<a href="#">1098-8565</a>	urn:oid:2.16.840.1.113883.11.20.9.23 (Planned moodCode (Act/Encounter/Procedure))
templateId	1..1	SHALL		<a href="#">1098-30437</a>	
@root	1..1	SHALL		<a href="#">1098-30438</a>	2.16.840.1.113883.10.20.22.4.40
@extension	1..1	SHALL		<a href="#">1098-32553</a>	2014-06-09
id	1..*	SHALL		<a href="#">1098-8567</a>	
code	0..1	SHOULD		<a href="#">1098-31032</a>	urn:oid:2.16.840.1.113883.11.20.9.52 (Encounter Planned)
statusCode	1..1	SHALL		<a href="#">1098-30439</a>	
@code	1..1	SHALL		<a href="#">1098-31880</a>	urn:oid:2.16.840.1.113883.5.14 (HL7ActStatus) = active
effectiveTime	0..1	SHOULD		<a href="#">1098-30440</a>	
performer	0..*	MAY		<a href="#">1098-30442</a>	
assignedEntity	1..1	SHALL		<a href="#">1098-31874</a>	
author	0..*	SHOULD		<a href="#">1098-32045</a>	<a href="#">Author Participation (identifier: urn:oid:2.16.840.1.113883.10.20.22.4.119)</a>
participant	0..*	MAY		<a href="#">1098-30443</a>	
@typeCode	1..1	SHALL		<a href="#">1098-31875</a>	urn:oid:2.16.840.1.113883.5.90 (HL7ParticipationType) = LOC
participantRole	1..1	SHALL		<a href="#">1098-31876</a>	<a href="#">Service Delivery Location (identifier: urn:oid:2.16.840.1.113883.10.20.22.4.32)</a>
entryRelationship	0..1	MAY		<a href="#">1098-31033</a>	
@typeCode	1..1	SHALL		<a href="#">1098-31034</a>	urn:oid:2.16.840.1.113883.5.1002 (HL7ActRelationshipType) = REFR
observation	1..1	SHALL		<a href="#">1098-31035</a>	<a href="#">Priority Preference (identifier: urn:oid:2.16.840.1.113883.10.</a>

XPath	Card.	Verb	Data Type	CONF#	Value
					<a href="#">20.22.4.143</a>
entryRelationship	0..*	MAY		<a href="#">1098-31877</a>	
@typeCode	1..1	SHALL		<a href="#">1098-31878</a>	urn:oid:2.16.840.1.113883.5.1002 (HL7ActRelationshipType) = RSON
observation	1..1	SHALL		<a href="#">1098-31879</a>	<a href="#">Indication (V2) (identifier: urn:hl7ii:2.16.840.1.113883.10.20.22.4.19:2014-06-09)</a>

1. **SHALL** contain exactly one [1..1] **@classCode="ENC"** (CodeSystem: HL7ActClass urn:oid:2.16.840.1.113883.5.6 **STATIC**) (CONF:1098-8564).
2. **SHALL** contain exactly one [1..1] **@moodCode**, which **SHALL** be selected from ValueSet [Planned moodCode \(Act/Encounter/Procedure\)](#) urn:oid:2.16.840.1.113883.11.20.9.23 **STATIC** 2014-09-01 (CONF:1098-8565).
3. **SHALL** contain exactly one [1..1] **templateId** (CONF:1098-30437) such that it
  - a. **SHALL** contain exactly one [1..1] **@root="2.16.840.1.113883.10.20.22.4.40"** (CONF:1098-30438).
  - b. **SHALL** contain exactly one [1..1] **@extension="2014-06-09"** (CONF:1098-32553).
4. **SHALL** contain at least one [1..\*] **id** (CONF:1098-8567).

Records the type of encounter ordered or recommended.

5. **SHOULD** contain zero or one [0..1] **code**, which **SHOULD** be selected from ValueSet [Encounter Planned](#) urn:oid:2.16.840.1.113883.11.20.9.52 **DYNAMIC** (CONF:1098-31032).
6. **SHALL** contain exactly one [1..1] **statusCode** (CONF:1098-30439).
  - a. This statusCode **SHALL** contain exactly one [1..1] **@code="active"** Active (CodeSystem: HL7ActStatus urn:oid:2.16.840.1.113883.5.14) (CONF:1098-31880).
7. **SHOULD** contain zero or one [0..1] **effectiveTime** (CONF:1098-30440).

Performers represent clinicians who are responsible for assessing and treating the patient.

8. **MAY** contain zero or more [0..\*] **performer** (CONF:1098-30442) such that it
  - a. **SHALL** contain exactly one [1..1] **assignedEntity** (CONF:1098-31874).

The author in a planned encounter represents the clinician who is requesting or planning the encounter.

9. **SHOULD** contain zero or more [0..\*] [Author Participation](#) (identifier: urn:oid:2.16.840.1.113883.10.20.22.4.119) (CONF:1098-32045).

This location participation captures where the planned or ordered encounter may take place.

10. **MAY** contain zero or more [0..\*] **participant** (CONF:1098-30443) such that it
  - a. **SHALL** contain exactly one [1..1] **@typeCode="LOC"** Location (CodeSystem: HL7ParticipationType urn:oid:2.16.840.1.113883.5.90) (CONF:1098-31875).
  - b. **SHALL** contain exactly one [1..1] [Service Delivery Location](#) (identifier: urn:oid:2.16.840.1.113883.10.20.22.4.32) (CONF:1098-31876).

The following entryRelationship represents the priority that a patient or a provider places on the encounter.

11. **MAY** contain zero or one [0..1] **entryRelationship** (CONF:1098-31033) such that it
  - a. **SHALL** contain exactly one [1..1] **@typeCode="REFR"** Refers to (CodeSystem: HL7ActRelationshipType urn:oid:2.16.840.1.113883.5.1002) (CONF:1098-31034).
  - b. **SHALL** contain exactly one [1..1] **Priority Preference** (identifier: urn:oid:2.16.840.1.113883.10.20.22.4.143) (CONF:1098-31035).

The following entryRelationship captures the reason for the planned or ordered encounter

12. **MAY** contain zero or more [0..\*] **entryRelationship** (CONF:1098-31877) such that it
  - a. **SHALL** contain exactly one [1..1] **@typeCode="RSON"** Has Reason (CodeSystem: HL7ActRelationshipType urn:oid:2.16.840.1.113883.5.1002) (CONF:1098-31878).
  - b. **SHALL** contain exactly one [1..1] **Indication (V2)** (identifier: urn:hl7ii:2.16.840.1.113883.10.20.22.4.19:2014-06-09) (CONF:1098-31879).

**Table 383: Encounter Planned**

Value Set: Encounter Planned urn:oid:2.16.840.1.113883.11.20.9.52 (Clinical Focus: Activities that represent planned patient encounters with clinicians),(Data Element Scope: encounter),(Inclusion Criteria: SNOMED-CT codes descending from "308335008" patient encounter procedure (procedure).),(Exclusion Criteria: unknown)  This value set was imported on 10/25/2017 with a version of 20171016. Value Set Source: <a href="https://vsac.nlm.nih.gov/valueset/2.16.840.1.113883.11.20.9.52/expansion">https://vsac.nlm.nih.gov/valueset/2.16.840.1.113883.11.20.9.52/expansion</a>			
Code	Code System	Code System OID	Print Name
108219001	SNOMED CT	urn:oid:2.16.840.1.113883.6.96	Physician visit with evaluation AND/OR management service (procedure)
108220007	SNOMED CT	urn:oid:2.16.840.1.113883.6.96	Evaluation AND/OR management - new patient (procedure)
108221006	SNOMED CT	urn:oid:2.16.840.1.113883.6.96	Evaluation AND/OR management - established patient (procedure)
11429006	SNOMED CT	urn:oid:2.16.840.1.113883.6.96	Consultation (procedure)
11797002	SNOMED CT	urn:oid:2.16.840.1.113883.6.96	Telephone call by physician to patient or for consultation (procedure)
12566000	SNOMED CT	urn:oid:2.16.840.1.113883.6.96	Consultation in computer dosimetry and isodose chart, teletherapy (procedure)
12586001	SNOMED CT	urn:oid:2.16.840.1.113883.6.96	Physician direction of emergency medical systems (procedure)
12843005	SNOMED CT	urn:oid:2.16.840.1.113883.6.96	Subsequent hospital visit by physician (procedure)
14736009	SNOMED CT	urn:oid:2.16.840.1.113883.6.96	History and physical examination with evaluation and management of patient (procedure)
15301000	SNOMED CT	urn:oid:2.16.840.1.113883.6.96	Consultation in chemotherapy (procedure)
...			

**Figure 185: Planned Encounter (V2) Example**

```
<entry>
  <encounter moodCode="INT" classCode="ENC">
    <templateId root="2.16.840.1.113883.10.20.22.4.40" extension="2014-06-09" />
    <!-- Planned Encounter V2 template -->
    <id root="9a6d1bac-17d3-4195-89a4-1121bc809b4d" />
    <code code="185349003" displayName="encounter for check-up (procedure)"
codeSystemName="SNOMED CT" codeSystem="2.16.840.1.113883.6.96"> </code>
    <statusCode code="active" />
    <effectiveTime value="20130615" />
    <performer>
      <assignedEntity>
        ...
      </assignedEntity>
    </performer>
    <entryRelationship typeCode="REFR">
      <observation classCode="OBS" moodCode="EVN">
        <!-- Patient Priority Preference-->
        <templateId root="2.16.840.1.113883.10.20.22.4.142" />
        ...
      </observation>
    </entryRelationship>
    <entryRelationship typeCode="REFR">
      <observation classCode="OBS" moodCode="EVN">
        <!-- Provider Priority Preference-->
        ...
      </observation>
    </entryRelationship>
  </encounter>
</entry>
```

### 3.65 Planned Immunization Activity

[substanceAdministration: identifier urn:oid:2.16.840.1.113883.10.20.22.4.120 (open) ]

**Table 384: Planned Immunization Activity Contexts**

Contained By:	Contains:
<a href="#">Plan of Treatment Section (V2)</a> (optional) <a href="#">Planned Intervention Act (V2)</a> (optional)	<a href="#">Indication (V2)</a> (optional) <a href="#">Priority Preference</a> (optional) <a href="#">Instruction (V2)</a> (optional) <a href="#">Author Participation</a> (optional) <a href="#">Immunization Medication Information (V2)</a> (required) <a href="#">Precondition for Substance Administration (V2)</a> (optional)

This template represents planned immunizations. Planned Immunization Activity is very similar to Planned Medication Activity with some key differences, for example, the drug code system is constrained to CVX codes.

The priority of the immunization activity to the patient and provider is communicated through Priority