

Figure 99: Physical Exam Section (V3) Example

```
<component>
  <section>
    <templateId root="2.16.840.1.113883.10.20.2.10" extension="2015-08-01" />
    <code codeSystem="2.16.840.1.113883.6.1" codeSystemName="LOINC" code="29545-1"
displayName="Physical Findings" />
    <title>Physical Examination</title>
    <!--**10.4.1 Physical Exam at Transfer -->
    <text>
      <list listType="ordered">
        <item>Recurrent GI bleed of unknown etiology; hypotension perhaps
          secondary to this but as likely secondary to polypharmacy.</item>
        <item>Acute on chronic anemia secondary to #1.</item>
        <item>Azotemia, acute renal failure with volume loss secondary to
          #1.</item>
        <item>Hyperkalemia secondary to #3 and on ACE and K+ supplement.</item>
        <item>Other chronic diagnoses as noted above, currently stable.</item>
      </list>
    </text>
    ...
  </section>
</component>
```

2.48 Plan of Treatment Section (V2)

[section: identifier urn:hl7ii:2.16.840.1.113883.10.20.22.2.10:2014-06-09
(open)]

Table 166: Plan of Treatment Section (V2) Contexts

Contained By:	Contains:
Consultation Note (V3) (optional) Continuity of Care Document (CCD) (V3) (optional) Discharge Summary (V3) (required) History and Physical (V3) (optional) Transfer Summary (V2) (optional) Referral Note (V2) (optional) Progress Note (V3) (optional) Procedure Note (V3) (optional) Operative Note (V3) (optional)	Goal Observation (optional) Nutrition Recommendation (optional) Planned Act (V2) (optional) Planned Encounter (V2) (optional) Planned Procedure (V2) (optional) Planned Observation (V2) (optional) Planned Supply (V2) (optional) Planned Medication Activity (V2) (optional) Handoff Communication Participants (optional) Instruction (V2) (optional) Planned Immunization Activity (optional)

This section, formerly known as "Plan of Care", contains data that define pending orders, interventions, encounters, services, and procedures for the patient. It is limited to prospective, unfulfilled, or incomplete orders and requests only. These are indicated by the @moodCode of the entries within this section. All active, incomplete, or pending orders, appointments, referrals, procedures, services, or any other pending event of clinical significance to the current care of the patient should be listed.

Clinical reminders are placed here to provide prompts for disease prevention and management, patient safety, and healthcare quality improvements, including widely accepted performance measures.

The plan may also indicate that patient education will be provided.

When used in a document that includes a Goals Section, all the goals (whether narrative only, or structured Goal Observation entries) should be recorded in the Goals Section, rather than in the Plan of Treatment Section, to avoid confusion as to “which/whose goals should be in which section?”

When used in a document that does not include a Goals Section, the Plan of Treatment section may also contain information about care team members’ goals, including the patient’s values, beliefs, preferences, care expectations, and overarching care goals. Values may include the importance of quality of life over longevity. These values are taken into account when prioritizing all problems and their treatments. Beliefs may include comfort with dying or the refusal of blood transfusions because of the patient’s religious convictions. Preferences may include liquid medicines over tablets, or treatment via secure email instead of in person. Care expectations may range from being treated only by female clinicians, to expecting all calls to be returned within 24 hours. Overarching goals described in this section are not tied to a specific condition, problem, health concern, or intervention. Examples of overarching goals could be to minimize pain or dependence on others, or to walk a daughter down the aisle for her marriage.

Table 167: Plan of Treatment Section (V2) Constraints Overview

XPath	Card.	Verb	Data Type	CONF#	Value
section (identifier: urn:hl7ii:2.16.840.1.113883.10.20.22.2.10:2014-06-09)					
templateId	1..1	SHALL		1098-7723	
@root	1..1	SHALL		1098-10435	2.16.840.1.113883.10.20.22.2.10
@extension	1..1	SHALL		1098-32501	2014-06-09
code	1..1	SHALL		1098-14749	
@code	1..1	SHALL		1098-14750	18776-5
@codeSystem	1..1	SHALL		1098-30813	urn:oid:2.16.840.1.113883.6.1 (LOINC) = 2.16.840.1.113883.6.1
title	1..1	SHALL		1098-16986	
text	1..1	SHALL		1098-7725	
entry	0..*	MAY		1098-7726	
observation	1..1	SHALL		1098-14751	Planned Observation (V2) (identifier: urn:hl7ii:2.16.840.1.113883.10.20.22.4.44:2014-06-09)
entry	0..*	MAY		1098-8805	

XPath	Card.	Verb	Data Type	CONF#	Value
encounter	1..1	SHALL		1098-30472	Planned Encounter (V2) (identifier: urn:hl7ii:2.16.840.1.113883.1 0.20.22.4.40:2014-06-09)
entry	0..*	MAY		1098-8807	
act	1..1	SHALL		1098-30473	Planned Act (V2) (identifier: urn:hl7ii:2.16.840.1.113883.1 0.20.22.4.39:2014-06-09)
entry	0..*	MAY		1098-8809	
procedure	1..1	SHALL		1098-30474	Planned Procedure (V2) (identifier: urn:hl7ii:2.16.840.1.113883.1 0.20.22.4.41:2014-06-09)
entry	0..*	MAY		1098-8811	
substanceAdministration	1..1	SHALL		1098-30475	Planned Medication Activity (V2) (identifier: urn:hl7ii:2.16.840.1.113883.1 0.20.22.4.42:2014-06-09)
entry	0..*	MAY		1098-8813	
supply	1..1	SHALL		1098-30476	Planned Supply (V2) (identifier: urn:hl7ii:2.16.840.1.113883.1 0.20.22.4.43:2014-06-09)
entry	0..*	MAY		1098-14695	
act	1..1	SHALL		1098-31397	Instruction (V2) (identifier: urn:hl7ii:2.16.840.1.113883.1 0.20.22.4.20:2014-06-09)
entry	0..*	MAY		1098-29621	
act	1..1	SHALL		1098-30868	Handoff Communication Participants (identifier: urn:oid:2.16.840.1.113883.10.20.22.4.141)
entry	0..*	MAY		1098-31841	
act	1..1	SHALL		1098-31864	Nutrition Recommendation (identifier: urn:oid:2.16.840.1.113883.10.20.22.4.130)
entry	0..*	MAY		1098-32353	
substanceAdministration	1..1	SHALL		1098-32354	Planned Immunization Activity (identifier: urn:oid:2.16.840.1.113883.10.20.22.4.130)

XPath	Card.	Verb	Data Type	CONF#	Value
					urn:oid:2.16.840.1.113883.10.20.22.4.120
entry	0..*	MAY		1098-32887	
observation	1..1	SHALL		1098-32888	Goal Observation (identifier: urn:oid:2.16.840.1.113883.10.20.22.4.121)

1. **SHALL** contain exactly one [1..1] **templateId** (CONF:1098-7723) such that it
 - a. **SHALL** contain exactly one [1..1] **@root**="2.16.840.1.113883.10.20.22.2.10" (CONF:1098-10435).
 - b. **SHALL** contain exactly one [1..1] **@extension**="2014-06-09" (CONF:1098-32501).
2. **SHALL** contain exactly one [1..1] **code** (CONF:1098-14749).
 - a. This code **SHALL** contain exactly one [1..1] **@code**="18776-5" Plan of Treatment (CONF:1098-14750).
 - 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:1098-30813).
3. **SHALL** contain exactly one [1..1] **title** (CONF:1098-16986).
4. **SHALL** contain exactly one [1..1] **text** (CONF:1098-7725).
5. **MAY** contain zero or more [0..*] **entry** (CONF:1098-7726) such that it
 - a. **SHALL** contain exactly one [1..1] [Planned Observation \(V2\)](#) (identifier: urn:hl7ii:2.16.840.1.113883.10.20.22.4.44:2014-06-09) (CONF:1098-14751).
6. **MAY** contain zero or more [0..*] **entry** (CONF:1098-8805) such that it
 - a. **SHALL** contain exactly one [1..1] [Planned Encounter \(V2\)](#) (identifier: urn:hl7ii:2.16.840.1.113883.10.20.22.4.40:2014-06-09) (CONF:1098-30472).
7. **MAY** contain zero or more [0..*] **entry** (CONF:1098-8807) such that it
 - a. **SHALL** contain exactly one [1..1] [Planned Act \(V2\)](#) (identifier: urn:hl7ii:2.16.840.1.113883.10.20.22.4.39:2014-06-09) (CONF:1098-30473).
8. **MAY** contain zero or more [0..*] **entry** (CONF:1098-8809) such that it
 - a. **SHALL** contain exactly one [1..1] [Planned Procedure \(V2\)](#) (identifier: urn:hl7ii:2.16.840.1.113883.10.20.22.4.41:2014-06-09) (CONF:1098-30474).
9. **MAY** contain zero or more [0..*] **entry** (CONF:1098-8811) such that it
 - a. **SHALL** contain exactly one [1..1] [Planned Medication Activity \(V2\)](#) (identifier: urn:hl7ii:2.16.840.1.113883.10.20.22.4.42:2014-06-09) (CONF:1098-30475).
10. **MAY** contain zero or more [0..*] **entry** (CONF:1098-8813) such that it

- a. **SHALL** contain exactly one [1..1] [Planned Supply \(V2\)](#) (identifier: urn:hl7ii:2.16.840.1.113883.10.20.22.4.43:2014-06-09) (CONF:1098-30476).
- 11. **MAY** contain zero or more [0..*] **entry** (CONF:1098-14695) such that it
 - a. **SHALL** contain exactly one [1..1] [Instruction \(V2\)](#) (identifier: urn:hl7ii:2.16.840.1.113883.10.20.22.4.20:2014-06-09) (CONF:1098-31397).
- 12. **MAY** contain zero or more [0..*] **entry** (CONF:1098-29621) such that it
 - a. **SHALL** contain exactly one [1..1] [Handoff Communication Participants](#) (identifier: urn:oid:2.16.840.1.113883.10.20.22.4.141) (CONF:1098-30868).
- 13. **MAY** contain zero or more [0..*] **entry** (CONF:1098-31841) such that it
 - a. **SHALL** contain exactly one [1..1] [Nutrition Recommendation](#) (identifier: urn:oid:2.16.840.1.113883.10.20.22.4.130) (CONF:1098-31864).
- 14. **MAY** contain zero or more [0..*] **entry** (CONF:1098-32353) such that it
 - a. **SHALL** contain exactly one [1..1] [Planned Immunization Activity](#) (identifier: urn:oid:2.16.840.1.113883.10.20.22.4.120) (CONF:1098-32354).
- 15. **MAY** contain zero or more [0..*] **entry** (CONF:1098-32887) such that it
 - a. **SHALL** contain exactly one [1..1] [Goal Observation](#) (identifier: urn:oid:2.16.840.1.113883.10.20.22.4.121) (CONF:1098-32888).

Figure 100: Plan of Treatment Section (V2) Example

```
<component>
  <section>
    <templateId root="2.16.840.1.113883.10.20.22.2.10" extension="2014-06-09" />
    <!-- **** Plan of Treatment Section V2 template **** -->
    <code code="18776-5" codeSystem="2.16.840.1.113883.6.1" codeSystemName="LOINC"
displayName="Treatment plan" />
    <title>TREATMENT PLAN</title>
    <text>
      ...
    </text>
    <entry>
      <act classCode="ACT" moodCode="EVN">
        <!-- Handoff Communication template -->
        <templateId root="2.16.840.1.113883.10.20.22.4.141" />
        ...

      </act>
    </entry>
    <entry>
      <encounter moodCode="INT" classCode="ENC">
        <templateId root="2.16.840.1.113883.10.20.22.4.40" extension="2014-06-09"
/>
        <!-- Plan Activity Encounter V2 template -->
        ...

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

2.49 Planned Procedure Section (V2)

[section: identifier urn:hl7ii:2.16.840.1.113883.10.20.22.2.30:2014-06-09
(open)]

Table 168: Planned Procedure Section (V2) Contexts

Contained By:	Contains:
Procedure Note [V3] (optional) Operative Note [V3] (optional)	Planned Procedure [V2] (optional)

This section contains the procedure(s) that a clinician planned based on the preoperative assessment.