

Figure 83: Hospital Discharge Physical Section Example

```
<section>
  <templateId root="1.3.6.1.4.1.19376.1.5.3.1.3.26"/>
  <code code="10184-0"
    displayName="HOSPITAL DISCHARGE PHYSICAL"
    codeSystem="2.16.840.1.113883.6.1"
    codeSystemName="LOINC"/>
  <title>Hospital Discharge Physical</title>
  <text>GENERAL: Well-developed, slightly obese man.
    <br/>
    NECK: Supple, with no jugular venous distension.
    <br/>
    HEART: Intermittent tachycardia without murmurs or gallops.
    <br/>
    PULMONARY: Decreased breath sounds, but no clear-cut rales or
    wheezes.
    <br/>
    EXTREMITIES: Free of edema.
  </text>
</section>
```

2.30 Hospital Discharge Studies Summary Section

[section: identifier urn:oid:2.16.840.1.113883.10.20.22.2.16 (open)]

Table 125: Hospital Discharge Studies Summary Section Contexts

Contained By:	Contains:
Discharge Summary (V3) (optional)	

This section records the results of observations generated by laboratories, imaging procedures, and other procedures. The scope includes hematology, chemistry, serology, virology, toxicology, microbiology, plain x-ray, ultrasound, CT, MRI, angiography, echocardiography, nuclear medicine, pathology, and procedure observations. This section often includes notable results such as abnormal values or relevant trends, and could record all results for the period of time being documented.

Laboratory results are typically generated by laboratories providing analytic services in areas such as chemistry, hematology, serology, histology, cytology, anatomic pathology, microbiology, and/or virology. These observations are based on analysis of specimens obtained from the patient and submitted to the laboratory.

Imaging results are typically generated by a clinician reviewing the output of an imaging procedure, such as when a cardiologist reports the left ventricular ejection fraction based on the review of an echocardiogram.

Procedure results are typically generated by a clinician wanting to provide more granular information about component observations made during the performance of a procedure, such as when a gastroenterologist reports the size of a polyp observed during a colonoscopy.

Note that there are discrepancies between CCD and the lab domain model, such as the effectiveTime in specimen collection.

Table 126: Hospital Discharge Studies Summary Section Constraints Overview

XPath	Card.	Verb	Data Type	CONF#	Value
section (identifier: urn:oid:2.16.840.1.113883.10.20.22.2.16)					
templateId	1..1	SHALL		81-7910	
@root	1..1	SHALL		81-10398	2.16.840.1.113883.10.20.22.2.16
code	1..1	SHALL		81-15365	
@code	1..1	SHALL		81-15366	11493-4
@codeSystem	1..1	SHALL		81-26483	urn:oid:2.16.840.1.113883.6.1 (LOINC) = 2.16.840.1.113883.6.1
title	1..1	SHALL		81-7912	
text	1..1	SHALL		81-7913	

1. **SHALL** contain exactly one [1..1] **templateId** (CONF:81-7910) such that it
 - a. **SHALL** contain exactly one [1..1] **@root**="2.16.840.1.113883.10.20.22.2.16" (CONF:81-10398).
2. **SHALL** contain exactly one [1..1] **code** (CONF:81-15365).
 - a. This code **SHALL** contain exactly one [1..1] **@code**="11493-4" Hospital Discharge Studies Summary (CONF:81-15366).
 - 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:81-26483).
3. **SHALL** contain exactly one [1..1] **title** (CONF:81-7912).
4. **SHALL** contain exactly one [1..1] **text** (CONF:81-7913).

Figure 84: Hospital Discharge Studies Summary Section Example

```

<section>
  <templateId root="2.16.840.1.113883.10.20.22.2.16"/>
  <code code="11493-4"
    codeSystem="2.16.840.1.113883.6.1"
    codeSystemName="LOINC"
    displayName="HOSPITAL DISCHARGE STUDIES SUMMARY"/>
  <title>Hospital Discharge Studies Summary</title>
  <text>
    ...
  </text>
</section>

```

2.31 Immunizations Section (entries optional) (V3)

[section: identifier urn:hl7ii:2.16.840.1.113883.10.20.22.2.2:2015-08-01
(open)]

Table 127: Immunizations Section (entries optional) (V3) Contexts

Contained By:	Contains:
Consultation Note (V3) (optional) Discharge Summary (V3) (optional) History and Physical (V3) (optional) Transfer Summary (V2) (optional)	Immunization Activity (V3) (optional)

The Immunizations Section defines a patient's current immunization status and pertinent immunization history. The primary use case for the Immunization Section is to enable communication of a patient's immunization status. The section should include current immunization status, and may contain the entire immunization history that is relevant to the period of time being summarized.

Table 128: Immunizations Section (entries optional) (V3) Constraints Overview

XPath	Card.	Verb	Data Type	CONF#	Value
section (identifier: urn:hl7ii:2.16.840.1.113883.10.20.22.2.2:2015-08-01)					
templateId	1..1	SHALL		1198-7965	
@root	1..1	SHALL		1198-10399	2.16.840.1.113883.10.20.22.2.2
@extension	1..1	SHALL		1198-32529	2015-08-01
code	1..1	SHALL		1198-15367	
@code	1..1	SHALL		1198-15368	11369-6
@codeSystem	1..1	SHALL		1198-32146	urn:oid:2.16.840.1.113883.6.1 (LOINC) = 2.16.840.1.113883.6.1
title	1..1	SHALL		1198-7967	
text	1..1	SHALL		1198-7968	
entry	0..*	SHOULD		1198-7969	
substanceAdministration	1..1	SHALL		1198-15494	Immunization Activity (V3) (identifier: urn:hl7ii:2.16.840.1.113883.10.20.22.4.52:2015-08-01)

1. **SHALL** contain exactly one [1..1] **templateId** (CONF:1198-7965) such that it
 - a. **SHALL** contain exactly one [1..1] **@root**="2.16.840.1.113883.10.20.22.2.2" (CONF:1198-10399).