a. **SHALL** contain exactly one [1..1] **@root**="2.16.840.1.113883.10.20.22.2.31" (CONF:81-10446).
2. **SHALL** contain exactly one [1..1] **code** (CONF:81-15421).
    a. This code **SHALL** contain exactly one [1..1] **@code**="59773-2" Procedure Specimens Taken (CONF:81-15422).
    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:81-26493).
3. **SHALL** contain exactly one [1..1] **title** (CONF:81-8088).
4. **SHALL** contain exactly one [1..1] **text** (CONF:81-8089).
5. The Procedure Specimens Taken section **SHALL** list all specimens removed or **SHALL** explicitly state that no specimens were taken (CONF:81-8742).

Figure 113: Procedure Specimens Taken Section Example

```
<section>
    <templateId root="2.16.840.1.113883.10.20.22.2.31"/>
    <code code="59773-2"
        codeSystem="2.16.840.1.113883.6.1"
        codeSystemName="LOINC"
        displayName="PROCEDURE SPECIMENS TAKEN"/>
    <title>Procedure Specimens Taken</title>
    <text>Ascending colon polyp</text>
</section>
```

2.61 Procedures Section (entries optional) (V2)

```
[section: identifier urn:hl7ii:2.16.840.1.113883.10.20.22.2.7:2014-06-09
(open)]
```

Table 193: Procedures Section (entries optional) (V2) Contexts

Contained By:	Contains:
Consultation Note (V3) (optional) Discharge Summary (V3) (optional) History and Physical (V3) (optional) Referral Note (V2) (optional) Procedure Note (V3) (optional)	Procedure Activity Act (V2) (optional) Procedure Activity Procedure (V2) (optional) Procedure Activity Observation (V2) (optional)

This section describes all interventional, surgical, diagnostic, or therapeutic procedures or treatments pertinent to the patient historically at the time the document is generated. The section should include notable procedures, but can contain all procedures for the period of time being summarized. The common notion of "procedure" is broader than that specified by the HL7 Version 3 Reference Information Model (RIM), therefore this section contains procedure templates represented with three RIM classes: Act, Observation, and Procedure. Procedure Activity Procedure (V2) is for procedures that alter the physical condition of a patient (e.g., splenectomy). Procedure Activity Observation (V2) is for procedures that result in new information about a patient but do not cause physical alteration (e.g., EEG). Procedure Activity Act (V2) is for all other types of procedures (e.g., dressing change).

XPath	Card.	Verb	Data Type	CONF#	Value
section (identifier: urn:hl7ii:2.16.840.1.113883.10.20.22.2.7:2014-06-09)					
templateId	1..1	SHALL		[1098-6270](#)	
@root	1..1	SHALL		[1098-6271](#)	2.16.840.1.113883.10.20.22.2.7
@extension	1..1	SHALL		[1098-32532](#)	2014-06-09
code	1..1	SHALL		[1098-15423](#)	
@code	1..1	SHALL		[1098-15424](#)	47519-4
@codeSystem	1..1	SHALL		[1098-31139](#)	urn:oid:2.16.840.1.113883.6.1 (LOINC)
title	1..1	SHALL		[1098-17184](#)	
text	1..1	SHALL		[1098-6273](#)	
entry	0..*	MAY		[1098-6274](#)	
procedure	1..1	SHALL		[1098-15509](#)	[Procedure Activity Procedure (V2) (identifier: urn:hl7ii:2.16.840.1.113883.10.20.22.4.14:2014-06-09](#)
entry	0..*	MAY		[1098-6278](#)	
observation	1..1	SHALL		[1098-15510](#)	[Procedure Activity Observation (V2) (identifier: urn:hl7ii:2.16.840.1.113883.10.20.22.4.13:2014-06-09](#)
entry	0..*	MAY		[1098-8533](#)	
act	1..1	SHALL		[1098-15511](#)	[Procedure Activity Act (V2) (identifier: urn:hl7ii:2.16.840.1.113883.10.20.22.4.12:2014-06-09](#)

1. **SHALL** contain exactly one [1..1] **templateId** (CONF:1098-6270) such that it
    a. **SHALL** contain exactly one [1..1] **@root**="2.16.840.1.113883.10.20.22.2.7" (CONF:1098-6271).
    b. **SHALL** contain exactly one [1..1] **@extension**="2014-06-09" (CONF:1098-32532).
2. **SHALL** contain exactly one [1..1] **code** (CONF:1098-15423).
    a. This code **SHALL** contain exactly one [1..1] **@code**="47519-4" History of Procedures (CONF:1098-15424).
    b. This code **SHALL** contain exactly one [1..1] **@codeSystem** (CodeSystem: LOINC urn:oid:2.16.840.1.113883.6.1) (CONF:1098-31139).

3. **SHALL** contain exactly one [1..1] **title** (CONF:1098-17184).
4. **SHALL** contain exactly one [1..1] **text** (CONF:1098-6273).
5. **MAY** contain zero or more [0..*] **entry** (CONF:1098-6274) such that it
   a. **SHALL** contain exactly one [1..1] **Procedure Activity Procedure (V2)** (identifier: urn:hl7ii:2.16.840.1.113883.10.20.22.4.14:2014-06-09) (CONF:1098-15509).
6. **MAY** contain zero or more [0..*] **entry** (CONF:1098-6278) such that it
   a. **SHALL** contain exactly one [1..1] **Procedure Activity Observation (V2)** (identifier: urn:hl7ii:2.16.840.1.113883.10.20.22.4.13:2014-06-09) (CONF:1098-15510).
7. **MAY** contain zero or more [0..*] **entry** (CONF:1098-8533) such that it
   a. **SHALL** contain exactly one [1..1] **Procedure Activity Act (V2)** (identifier: urn:hl7ii:2.16.840.1.113883.10.20.22.4.12:2014-06-09) (CONF:1098-15511).

2.61.1 Procedures Section (entries required) (V2)

[section: identifier urn:hl7ii:2.16.840.1.113883.10.20.22.2.7.1:2014-06-09 (open)]

Table 195: Procedures Section (entries required) (V2) Contexts

Contained By:	Contains:
Continuity of Care Document (CCD) (V3) (optional) Transfer Summary (V2) (optional)	Procedure Activity Act (V2) (optional) Procedure Activity Procedure (V2) (optional) Procedure Activity Observation (V2) (optional)

This section describes all interventional, surgical, diagnostic, or therapeutic procedures or treatments pertinent to the patient historically at the time the document is generated. The section should include notable procedures, but can contain all procedures for the period of time being summarized. The common notion of "procedure" is broader than that specified by the HL7 Version 3 Reference Information Model (RIM), therefore this section contains procedure templates represented with three RIM classes: Act. Observation, and Procedure. Procedure act is for procedures that alter the physical condition of a patient (e.g., splenectomy). Observation act is for procedures that result in new information about a patient but do not cause physical alteration (e.g., EEG). Act is for all other types of procedures (e.g., dressing change).