

5. **SHOULD** contain zero or more [0..\*] **entry** (CONF:1198-7119) such that it
  - a. **SHALL** contain exactly one [1..1] [Result Organizer \(V3\)](#) (identifier: urn:hl7ii:2.16.840.1.113883.10.20.22.4.1:2015-08-01) (CONF:1198-15515).

#### 2.64.1 Results Section (entries required) (V3)

[section: identifier urn:hl7ii:2.16.840.1.113883.10.20.22.2.3.1:2015-08-01 (open) ]

**Table 203: Results Section (entries required) (V3) Contexts**

Contained By:	Contains:
<a href="#">Consultation Note (V3)</a> (optional) <a href="#">Continuity of Care Document (CCD) (V3)</a> (required) <a href="#">Transfer Summary (V2)</a> (required) <a href="#">Referral Note (V2)</a> (optional)	<a href="#">Result Organizer (V3)</a> (required)

The Results Section contains observations of results generated by laboratories, imaging procedures, and other procedures. These coded result observations are contained within a Results Organizer in the Results Section. The scope includes observations such as hematology, chemistry, serology, virology, toxicology, microbiology, plain x-ray, ultrasound, CT, MRI, angiography, echocardiography, nuclear medicine, pathology, and procedure observations. The section often includes notable results such as abnormal values or relevant trends, and could contain 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 where a cardiologist reports the left ventricular ejection fraction based on the review of a cardiac echocardiogram.

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

**Table 204: Results Section (entries required) (V3) Constraints Overview**

XPath	Card.	Verb	Data Type	CONF#	Value
section (identifier: urn:hl7ii:2.16.840.1.113883.10.20.22.2.3.1:2015-08-01)					
@nullFlavor	0..1	MAY		<a href="#">1198-32875</a>	urn:oid:2.16.840.1.113883.5.1008 (HL7NullFlavor) = NI
templateId	1..1	SHALL		<a href="#">1198-7108</a>	
@root	1..1	SHALL		<a href="#">1198-9137</a>	2.16.840.1.113883.10.20.22.2.3.1
@extension	1..1	SHALL		<a href="#">1198-32592</a>	2015-08-01
code	1..1	SHALL		<a href="#">1198-15433</a>	
@code	1..1	SHALL		<a href="#">1198-15434</a>	30954-2
@codeSystem	1..1	SHALL		<a href="#">1198-31040</a>	urn:oid:2.16.840.1.113883.6.1 (LOINC) = 2.16.840.1.113883.6.1
title	1..1	SHALL		<a href="#">1198-8892</a>	
text	1..1	SHALL		<a href="#">1198-7111</a>	
entry	1..*	SHALL		<a href="#">1198-7112</a>	
organizer	1..1	SHALL		<a href="#">1198-15516</a>	<a href="#">Result Organizer (V3) (identifier: urn:hl7ii:2.16.840.1.113883.10.20.22.4.1:2015-08-01)</a>

1. Conforms to [Results Section \(entries optional\) \(V3\)](#) template (identifier: urn:hl7ii:2.16.840.1.113883.10.20.22.2.3:2015-08-01).
2. **MAY** contain zero or one [0..1] **@nullFlavor**="NI" No information (CodeSystem: HL7NullFlavor urn:oid:2.16.840.1.113883.5.1008) (CONF:1198-32875).
3. **SHALL** contain exactly one [1..1] **templateId** (CONF:1198-7108) such that it
  - a. **SHALL** contain exactly one [1..1] **@root**="2.16.840.1.113883.10.20.22.2.3.1" (CONF:1198-9137).
  - b. **SHALL** contain exactly one [1..1] **@extension**="2015-08-01" (CONF:1198-32592).
4. **SHALL** contain exactly one [1..1] **code** (CONF:1198-15433).
  - a. This code **SHALL** contain exactly one [1..1] **@code**="30954-2" Relevant diagnostic tests and/or laboratory data (CONF:1198-15434).
  - 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:1198-31040).
5. **SHALL** contain exactly one [1..1] **title** (CONF:1198-8892).
6. **SHALL** contain exactly one [1..1] **text** (CONF:1198-7111).

If section/@nullFlavor is not present:

7. **SHALL** contain at least one [1..\*] **entry** (CONF:1198-7112) such that it
  - a. **SHALL** contain exactly one [1..1] [Result Organizer \(V3\)](#) (identifier: urn:hl7ii:2.16.840.1.113883.10.20.22.4.1:2015-08-01) (CONF:1198-15516).

**Figure 117: Results Section (entries required) (V3) Example**

```
<section>
  <templateId root="2.16.840.1.113883.10.20.22.2.3.1" extension="2015-08-01" />
  <code code="30954-2" codeSystem="2.16.840.1.113883.6.1" codeSystemName="LOINC"
displayName="RELEVANT DIAGNOSTIC TESTS AND/OR LABORATORY DATA" />
  <title>Results</title>
  <text />
  <entry typeCode="DRIV">
    <organizer classCode="BATTERY" moodCode="EVN">
      <templateId root="2.16.840.1.113883.10.20.22.4.1" extension="2014-06-09" />
      ...

      <organizer>
        <component>
          <observation classCode="OBS" moodCode="EVN">
            <templateId root="2.16.840.1.113883.10.20.22.4.2" extension="2014-
06-09" />
            . . .

          </observation>
        </component>
      </organizer>
    </organizer>
  </entry>
</section>
```

## 2.65 Review of Systems Section

[section: identifier urn:oid:1.3.6.1.4.1.19376.1.5.3.1.3.18 (open)]

**Table 205: Review of Systems Section Contexts**

Contained By:	Contains:
<a href="#">Consultation Note (V3)</a> (optional) <a href="#">Discharge Summary (V3)</a> (optional) <a href="#">History and Physical (V3)</a> (required) <a href="#">Transfer Summary (V2)</a> (optional) <a href="#">Referral Note (V2)</a> (optional) <a href="#">Progress Note (V3)</a> (optional) <a href="#">Procedure Note (V3)</a> (optional)	