3.93 Result Organizer (V3)

```
[organizer: identifier urn:hl7ii:2.16.840.1.113883.10.20.22.4.1:2015-08-01
(open)]
```

Table 460: Result Organizer (V3) Contexts

Contained By:	Contains:
Health Concern Act (V2) (optional) Results Section (entries optional) (V3) (optional) Results Section (entries required) (V3) (required) Risk Concern Act (V2) (optional)	Author Participation (optional) Result Observation (V3) (required)

This template provides a mechanism for grouping result observations. It contains information applicable to all of the contained result observations. The Result Organizer code categorizes the contained results into one of several commonly accepted values (e.g., "Hematology", "Chemistry", "Nuclear Medicine").

If any Result Observation within the organizer has a statusCode of "active", the Result Organizer must also have a statusCode of "active".

Table 461: Result Organizer (V3) Constraints Overview

XPath	Card.	Verb	Data Type	CONF#	Value
organizer (identifier: urn:hl7ii:2.16.840.1.113883.10.20.22.4.1:2015-08-01)					
@classCode	1..1	SHALL		1198-7121	urn:oid:2.16.840.1.113883.5.6 (HL7ActClass)
@moodCode	1..1	SHALL		1198-7122	urn:oid:2.16.840.1.113883.5.1001 (HL7ActMood) = EVN
templateId	1..1	SHALL		1198-7126	
@root	1..1	SHALL		1198-9134	2.16.840.1.113883.10.20.22.4.1
@extension	1..1	SHALL		1198-32588	2015-08-01
id	1..*	SHALL		1198-7127	
code	1..1	SHALL		1198-7128	
statusCode	1..1	SHALL		1198-7123	
@code	1..1	SHALL		1198-14848	urn:oid:2.16.840.1.113883.11.20.9.39 (Result Status)
effectiveTime	0..1	MAY		1198-31865	
low	1..1	SHALL		1198-32488	
high	1..1	SHALL		1198-32489	
author	0..*	SHOULD		1198-31149	Author Participation (identifier: urn:oid:2.16.840.1.113883.10.20.22.4.119
component	1..*	SHALL		1198-7124	
observation	1..1	SHALL		1198-14850	Result Observation (V3) (identifier: urn:hl7ii:2.16.840.1.113883.10.20.22.4.2:2015-08-01

1. **SHALL** contain exactly one [1..1] **@classCode** (CodeSystem: HL7ActClass urn:oid:2.16.840.1.113883.5.6 **STATIC**) (CONF:1198-7121).
2. **SHALL** contain exactly one [1..1] **@moodCode**="EVN" Event (CodeSystem: HL7ActMood urn:oid:2.16.840.1.113883.5.1001 **STATIC**) (CONF:1198-7122).
3. **SHALL** contain exactly one [1..1] **templateId** (CONF:1198-7126) such that it
    a. **SHALL** contain exactly one [1..1] **@root**="2.16.840.1.113883.10.20.22.4.1" (CONF:1198-9134).
    b. **SHALL** contain exactly one [1..1] **@extension**="2015-08-01" (CONF:1198-32588).

4. **SHALL** contain at least one [1..*] **id** (CONF:1198-7127).
5. **SHALL** contain exactly one [1..1] **code** (CONF:1198-7128).
   a. **SHOULD** be selected from LOINC (codeSystem 2.16.840.1.113883.6.1) **OR** SNOMED CT (codeSystem 2.16.840.1.113883.6.96), and **MAY** be selected from CPT-4 (codeSystem 2.16.840.1.113883.6.12) (CONF:1198-19218).
   b. Laboratory results **SHOULD** be from LOINC (CodeSystem: 2.16.840.1.113883.6.1) or other constrained terminology named by the US Department of Health and Human Services Office of National Coordinator or other federal agency (CONF:1198-19219).
6. **SHALL** contain exactly one [1..1] **statusCode** (CONF:1198-7123).
   a. This statusCode **SHALL** contain exactly one [1..1] **@code**, which **SHALL** be selected from ValueSet **Result Status** urn:oid:2.16.840.1.113883.11.20.9.39 **STATIC** (CONF:1198-14848).
7. **MAY** contain zero or one [0..1] **effectiveTime** (CONF:1198-31865).
   Note: The effectiveTime is an interval that spans the effectiveTimes of the contained result observations. Because all contained result observations have a required time stamp, it is not required that this effectiveTime be populated.
   a. The effectiveTime, if present, **SHALL** contain exactly one [1..1] **low** (CONF:1198-32488).
   b. The effectiveTime, if present, **SHALL** contain exactly one [1..1] **high** (CONF:1198-32489).
8. **SHOULD** contain zero or more [0..*] **Author Participation** (identifier: urn:oid:2.16.840.1.113883.10.20.22.4.119) (CONF:1198-31149).
9. **SHALL** contain at least one [1..*] **component** (CONF:1198-7124) such that it
   a. **SHALL** contain exactly one [1..1] **Result Observation (V3)** (identifier: urn:hl7ii:2.16.840.1.113883.10.20.22.4.2:2015-08-01) (CONF:1198-14850).

Figure 213: Result Organizer (V3) Example

```
<organizer classCode="BATTERY" moodCode="EVN">
    <templateId root="2.16.840.1.113883.10.20.22.4.1" extension="2015-08-01" />
    <id root="7d5a02b0-67a4-11db-bd13-0800200c9a66" />
    <code code="57021-8" displayName="CBC W Auto Differential panel in Blood"
codeSystem="2.16.840.1.113883.6.1" codeSystemName="LOINC" />
    <statusCode code="completed" />
    <effectiveTime>
        <low value="200803190830-0800" />
        <high value="200803190830-0800" />
    </effectiveTime>
    <author>
        . . .
  </author>
    <component>
        <observation classCode="OBS" moodCode="EVN">
            <!-- ** Result observation ** -->
            <templateId root="2.16.840.1.113883.10.20.22.4.2" extension="2015-08-01" />
            . . .


        </observation>
    </component>
</organizer>
```

3.94 Risk Concern Act (V2)

[act: identifier urn:hl7ii:2.16.840.1.113883.10.20.22.4.136:2015-08-01 (open)]

Table 462: Risk Concern Act (V2) Contexts

Contained By:	Contains:
Health Concerns Section (V2) (optional)	Pregnancy Observation (optional)
	Caregiver Characteristics (optional)
	Assessment Scale Observation (optional)
	Characteristics of Home Environment (optional)
	Cultural and Religious Observation (optional)
	Sensory Status (optional)
	Self-Care Activities (ADL and IADL) (optional)
	Reaction Observation (V2) (optional)
	Nutritional Status Observation (optional)
	Allergy - Intolerance Observation (V2) (optional)
	Substance or Device Allergy - Intolerance Observation (V2) (optional)
	Nutrition Assessment (optional)
	Functional Status Observation (V2) (optional)
	Smoking Status - Meaningful Use (V2) (optional)
	Vital Sign Observation (V2) (optional)
	Priority Preference (optional)
	Tobacco Use (V2) (optional)
	Author Participation (optional)
	Entry Reference (optional)
	External Document Reference (optional)
	Result Observation (V3) (optional)
	Mental Status Observation (V3) (optional)
	Problem Observation (V3) (optional)
	Social History Observation (V3) (optional)
	Result Organizer (V3) (optional)
	Encounter Diagnosis (V3) (optional)
	Family History Organizer (V3) (optional)
	Hospital Admission Diagnosis (V3) (optional)
	Problem Concern Act (V3) (optional)
	Preoperative Diagnosis (V3) (optional)
	Postprocedure Diagnosis (V3) (optional)
	Longitudinal Care Wound Observation (V2) (optional)

This template represents a risk concern.

It is a wrapper for a single risk concern which may be derived from a variety of sources within an EHR (such as Problem List, Family History, Social History, Social Worker Note, etc.).

A Risk Concern Act represents a health concern that is a risk. A risk is a clinical or socioeconomic condition that the patient does not currently have, but the probability of developing that condition rises to the level of concern such that an intervention and/or monitoring is needed.