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.

Table 463: Risk Concern Act (V2) Constraints Overview

XPath	Card.	Verb	Data Type	CONF#	Value
act (identifier: urn:hl7ii:2.16.840.1.113883.10.20.22.4.136:2015-08-01)					
@classCode	1..1	SHALL		1198-32220	urn:oid:2.16.840.1.113883.5.6 (HL7ActClass) = ACT
@moodCode	1..1	SHALL		1198-32221	urn:oid:2.16.840.1.113883.5.1001 (HL7ActMood) = EVN
templateId	1..1	SHALL		1198-32180	
@root	1..1	SHALL		1198-32222	2.16.840.1.113883.10.20.22.4.136
@extension	1..1	SHALL		1198-32910	2015-08-01
id	1..*	SHALL		1198-32223	
code	1..1	SHALL		1198-32305	
@code	1..1	SHALL		1198-32306	281694009
@codeSystem	1..1	SHALL		1198-32307	urn:oid:2.16.840.1.113883.6.96 (SNOMED CT) = 2.16.840.1.113883.6.96
statusCode	1..1	SHALL		1198-32225	
@code	1..1	SHALL		1198-32314	urn:oid:2.16.840.1.113883.11.20.9.19 (ProblemAct statusCode)
effectiveTime	0..1	MAY		1198-32226	
author	0..*	SHOULD		1198-32300	Author Participation (identifier: urn:oid:2.16.840.1.113883.10.20.22.4.119
entryRelationship	0..*	MAY		1198-32179	
@typeCode	1..1	SHALL		1198-32227	urn:oid:2.16.840.1.113883.5.1002 (HL7ActRelationshipType) = REFR
observation	1..1	SHALL		1198-32219	Problem Observation (V3) (identifier: urn:hl7ii:2.16.840.1.113883.10.20.22.4.4:2015-08-01
entryRelationship	0..*	MAY		1198-32181	
@typeCode	1..1	SHALL		1198-32228	urn:oid:2.16.840.1.113883.5.1002 (HL7ActRelationshipType) = REFR
observation	1..1	SHALL		1198-	Allergy - Intolerance

XPath	Card.	Verb	Data Type	CONF#	Value
				32229	Observation (V2) (identifier: urn:hl7ii:2.16.840.1.113883.1 0.20.22.4.7:2014-06-09
entryRelationship	0..*	MAY		1198-32182	
@typeCode	1..1	SHALL		1198-32230	urn:oid:2.16.840.1.113883.5.1 002 (HL7ActRelationshipType) = REFR
act	1..1	SHALL		1198-32231	Entry Reference (identifier: urn:oid:2.16.840.1.113883.10. 20.22.4.122
entryRelationship	0..*	MAY		1198-32183	
@typeCode	1..1	SHALL		1198-32232	urn:oid:2.16.840.1.113883.5.1 002 (HL7ActRelationshipType) = COMP
act	1..1	SHALL		1198-32233	Entry Reference (identifier: urn:oid:2.16.840.1.113883.10. 20.22.4.122
entryRelationship	0..*	MAY		1198-32184	
@typeCode	1..1	SHALL		1198-32234	urn:oid:2.16.840.1.113883.5.1 002 (HL7ActRelationshipType) = REFR
observation	1..1	SHALL		1198-32235	Assessment Scale Observation (identifier: urn:oid:2.16.840.1.113883.10. 20.22.4.69
entryRelationship	0..*	MAY		1198-32185	
@typeCode	1..1	SHALL		1198-32236	urn:oid:2.16.840.1.113883.5.1 002 (HL7ActRelationshipType) = REFR
observation	1..1	SHALL		1198-32237	Mental Status Observation (V3) (identifier: urn:hl7ii:2.16.840.1.113883.1 0.20.22.4.74:2015-08-01
entryRelationship	0..*	MAY		1198-32186	
@typeCode	1..1	SHALL		1198-32238	urn:oid:2.16.840.1.113883.5.1 002 (HL7ActRelationshipType) = REFR
observation	1..1	SHALL		1198-32239	Self-Care Activities (ADL and IADL) (identifier: urn:oid:2.16.840.1.113883.10. 20.22.4.128
entryRelationship	0..*	MAY		1198-32188	
@typeCode	1..1	SHALL		1198-	urn:oid:2.16.840.1.113883.5.1

XPath	Card.	Verb	Data Type	CONF#	Value
				32242	002 (HL7ActRelationshipType) = REFR
observation	1..1	SHALL		1198-32243	Mental Status Observation (V3) (identifier: urn:hl7ii:2.16.840.1.113883.10.20.22.4.74:2015-08-01
entryRelationship	0..*	MAY		1198-32189	
@typeCode	1..1	SHALL		1198-32244	urn:oid:2.16.840.1.113883.5.1002 (HL7ActRelationshipType) = REFR
observation	1..1	SHALL		1198-32245	Smoking Status - Meaningful Use (V2) (identifier: urn:hl7ii:2.16.840.1.113883.10.20.22.4.78:2014-06-09
entryRelationship	0..*	MAY		1198-32190	
@typeCode	1..1	SHALL		1198-32246	urn:oid:2.16.840.1.113883.5.1002 (HL7ActRelationshipType) = REFR
act	1..1	SHALL		1198-32247	Encounter Diagnosis (V3) (identifier: urn:hl7ii:2.16.840.1.113883.10.20.22.4.80:2015-08-01
entryRelationship	0..*	MAY		1198-32191	
@typeCode	1..1	SHALL		1198-32248	urn:oid:2.16.840.1.113883.5.1002 (HL7ActRelationshipType) = REFR
organizer	1..1	SHALL		1198-32249	Family History Organizer (V3) (identifier: urn:hl7ii:2.16.840.1.113883.10.20.22.4.45:2015-08-01
entryRelationship	0..*	MAY		1198-32192	
@typeCode	1..1	SHALL		1198-32250	urn:oid:2.16.840.1.113883.5.1002 (HL7ActRelationshipType) = REFR
observation	1..1	SHALL		1198-32251	Functional Status Observation (V2) (identifier: urn:hl7ii:2.16.840.1.113883.10.20.22.4.67:2014-06-09
entryRelationship	0..*	MAY		1198-32193	
@typeCode	1..1	SHALL		1198-32252	urn:oid:2.16.840.1.113883.5.1002 (HL7ActRelationshipType) = REFR
act	1..1	SHALL		1198-32253	Hospital Admission Diagnosis (V3) (identifier:

XPath	Card.	Verb	Data Type	CONF#	Value
					urn:hl7ii:2.16.840.1.113883.1 0.20.22.4.34:2015-08-01
entryRelationship	0..*	MAY		1198-32195	
@typeCode	1..1	SHALL		1198-32256	urn:oid:2.16.840.1.113883.5.1 002 (HL7ActRelationshipType) = REFR
observation	1..1	SHALL		1198-32257	Nutrition Assessment (identifier: urn:oid:2.16.840.1.113883.10. 20.22.4.138
entryRelationship	0..*	MAY		1198-32197	
@typeCode	1..1	SHALL		1198-32260	urn:oid:2.16.840.1.113883.5.1 002 (HL7ActRelationshipType) = REFR
act	1..1	SHALL		1198-32261	Postprocedure Diagnosis (V3) (identifier: urn:hl7ii:2.16.840.1.113883.1 0.20.22.4.51:2015-08-01
entryRelationship	0..*	MAY		1198-32198	
@typeCode	1..1	SHALL		1198-32262	urn:oid:2.16.840.1.113883.5.1 002 (HL7ActRelationshipType) = REFR
observation	1..1	SHALL		1198-32263	Pregnancy Observation (identifier: urn:oid:2.16.840.1.113883.10. 20.15.3.8
entryRelationship	0..*	MAY		1198-32199	
@typeCode	1..1	SHALL		1198-32264	urn:oid:2.16.840.1.113883.5.1 002 (HL7ActRelationshipType) = REFR
act	1..1	SHALL		1198-32265	Preoperative Diagnosis (V3) (identifier: urn:hl7ii:2.16.840.1.113883.1 0.20.22.4.65:2015-08-01
entryRelationship	0..*	MAY		1198-32200	
@typeCode	1..1	SHALL		1198-32266	urn:oid:2.16.840.1.113883.5.1 002 (HL7ActRelationshipType) = REFR
observation	1..1	SHALL		1198-32267	Reaction Observation (V2) (identifier: urn:hl7ii:2.16.840.1.113883.1 0.20.22.4.9:2014-06-09
entryRelationship	0..*	MAY		1198-32201	

XPath	Card.	Verb	Data Type	CONF#	Value
@typeCode	1..1	SHALL		[1198-32268](#)	urn:oid:2.16.840.1.113883.5.1002 (HL7ActRelationshipType) = REFR
observation	1..1	SHALL		[1198-32269](#)	Result Observation (V3) (identifier: urn:hl7ii:2.16.840.1.113883.10.20.22.4.2:2015-08-01
entryRelationship	0..*	MAY		[1198-32202](#)	
@typeCode	1..1	SHALL		[1198-32270](#)	urn:oid:2.16.840.1.113883.5.1002 (HL7ActRelationshipType) = REFR
observation	1..1	SHALL		[1198-32271](#)	Sensory Status (identifier: urn:oid:2.16.840.1.113883.10.20.22.4.127
entryRelationship	0..*	MAY		[1198-32203](#)	
@typeCode	1..1	SHALL		[1198-32272](#)	urn:oid:2.16.840.1.113883.5.1002 (HL7ActRelationshipType) = REFR
observation	1..1	SHALL		[1198-32273](#)	Social History Observation (V3) (identifier: urn:hl7ii:2.16.840.1.113883.10.20.22.4.38:2015-08-01
entryRelationship	0..*	MAY		[1198-32204](#)	
@typeCode	1..1	SHALL		[1198-32958](#)	urn:oid:2.16.840.1.113883.5.1002 (HL7ActRelationshipType) = REFR
observation	1..1	SHALL		[1198-32275](#)	Substance or Device Allergy - Intolerance Observation (V2) (identifier: urn:hl7ii:2.16.840.1.113883.10.20.24.3.90:2014-06-09
entryRelationship	0..*	MAY		[1198-32205](#)	
@typeCode	1..1	SHALL		[1198-32276](#)	urn:oid:2.16.840.1.113883.5.1002 (HL7ActRelationshipType) = REFR
observation	1..1	SHALL		[1198-32277](#)	Tobacco Use (V2) (identifier: urn:hl7ii:2.16.840.1.113883.10.20.22.4.85:2014-06-09
entryRelationship	0..*	MAY		[1198-32206](#)	
@typeCode	1..1	SHALL		[1198-32278](#)	urn:oid:2.16.840.1.113883.5.1002 (HL7ActRelationshipType) = REFR
observation	1..1	SHALL		[1198-32279](#)	Vital Sign Observation (V2) (identifier:

XPath	Card.	Verb	Data Type	CONF#	Value
					urn:hl7ii:2.16.840.1.113883.10.20.22.4.27:2014-06-09
entryRelationship	0..*	MAY		1198-32207	
@typeCode	1..1	SHALL		1198-32280	urn:oid:2.16.840.1.113883.5.1002 (HL7ActRelationshipType) = REFR
observation	1..1	SHALL		1198-32281	Longitudinal Care Wound Observation (V2) (identifier: urn:hl7ii:2.16.840.1.113883.10.20.22.4.114:2015-08-01
entryRelationship	0..*	MAY		1198-32208	
@typeCode	1..1	SHALL		1198-32282	urn:oid:2.16.840.1.113883.5.1002 (HL7ActRelationshipType) = SPRT
observation	1..1	SHALL		1198-32283	Problem Observation (V3) (identifier: urn:hl7ii:2.16.840.1.113883.10.20.22.4.4:2015-08-01
entryRelationship	0..*	MAY		1198-32209	
@typeCode	1..1	SHALL		1198-32284	urn:oid:2.16.840.1.113883.5.1002 (HL7ActRelationshipType) = REFR
observation	1..1	SHALL		1198-32285	Caregiver Characteristics (identifier: urn:oid:2.16.840.1.113883.10.20.22.4.72
entryRelationship	0..*	MAY		1198-32210	
@typeCode	1..1	SHALL		1198-32286	urn:oid:2.16.840.1.113883.5.1002 (HL7ActRelationshipType) = REFR
observation	1..1	SHALL		1198-32287	Cultural and Religious Observation (identifier: urn:oid:2.16.840.1.113883.10.20.22.4.111
entryRelationship	0..*	MAY		1198-32211	
@typeCode	1..1	SHALL		1198-32288	urn:oid:2.16.840.1.113883.5.1002 (HL7ActRelationshipType) = REFR
observation	1..1	SHALL		1198-32289	Characteristics of Home Environment (identifier: urn:oid:2.16.840.1.113883.10.20.22.4.109
entryRelationship	0..*	MAY		1198-32212	

XPath	Card.	Verb	Data Type	CONF#	Value
@typeCode	1..1	SHALL		[1198-32290](#)	urn:oid:2.16.840.1.113883.5.1002 (HL7ActRelationshipType) = REFR
observation	1..1	SHALL		[1198-32291](#)	Nutritional Status Observation (identifier: urn:oid:2.16.840.1.113883.10.20.22.4.124
entryRelationship	0..*	MAY		[1198-32213](#)	
@typeCode	1..1	SHALL		[1198-32292](#)	urn:oid:2.16.840.1.113883.5.1002 (HL7ActRelationshipType) = REFR
organizer	1..1	SHALL		[1198-32293](#)	Result Organizer (V3) (identifier: urn:hl7ii:2.16.840.1.113883.10.20.22.4.1:2015-08-01
entryRelationship	0..*	MAY		[1198-32214](#)	
@typeCode	1..1	SHALL		[1198-32294](#)	urn:oid:2.16.840.1.113883.5.1002 (HL7ActRelationshipType) = REFR
observation	1..1	SHALL		[1198-32295](#)	Priority Preference (identifier: urn:oid:2.16.840.1.113883.10.20.22.4.143
entryRelationship	0..*	MAY		[1198-32215](#)	
@typeCode	1..1	SHALL		[1198-32296](#)	urn:oid:2.16.840.1.113883.5.1002 (HL7ActRelationshipType) = REFR
observation	1..1	SHALL		[1198-32297](#)	Priority Preference (identifier: urn:oid:2.16.840.1.113883.10.20.22.4.143
entryRelationship	0..*	MAY		[1198-32216](#)	
@typeCode	1..1	SHALL		[1198-32298](#)	urn:oid:2.16.840.1.113883.5.1002 (HL7ActRelationshipType) = REFR
act	1..1	SHALL		[1198-32299](#)	Problem Concern Act (V3) (identifier: urn:hl7ii:2.16.840.1.113883.10.20.22.4.3:2015-08-01
entryRelationship	0..*	MAY		[1198-32217](#)	
@typeCode	1..1	SHALL		[1198-32301](#)	urn:oid:2.16.840.1.113883.5.1002 (HL7ActRelationshipType) = REFR
act	1..1	SHALL		[1198-32302](#)	Entry Reference (identifier: urn:oid:2.16.840.1.113883.10.20.22.4.122

XPath	Card.	Verb	Data Type	CONF#	Value
reference	0..*	MAY		1198-32769	
@typeCode	1..1	SHALL		1198-32908	urn:oid:2.16.840.1.113883.5.1002 (HL7ActRelationshipType) = REFR
externalDocument	1..1	SHALL		1198-32909	External Document Reference (identifier: urn:hl7ii:2.16.840.1.113883.10.20.22.4.115:2014-06-09

1. **SHALL** contain exactly one [1..1] **@classCode**="ACT" (CodeSystem: HL7ActClass urn:oid:2.16.840.1.113883.5.6) (CONF:1198-32220).
2. **SHALL** contain exactly one [1..1] **@moodCode**="EVN" (CodeSystem: HL7ActMood urn:oid:2.16.840.1.113883.5.1001) (CONF:1198-32221).
3. **SHALL** contain exactly one [1..1] **templateId** (CONF:1198-32180) such that it
   a. **SHALL** contain exactly one [1..1] **@root**="2.16.840.1.113883.10.20.22.4.136" (CONF:1198-32222).
   b. **SHALL** contain exactly one [1..1] **@extension**="2015-08-01" (CONF:1198-32910).
4. **SHALL** contain at least one [1..*] **id** (CONF:1198-32223).
5. **SHALL** contain exactly one [1..1] **code** (CONF:1198-32305).
   a. This code **SHALL** contain exactly one [1..1] **@code**="281694009" At risk for (CONF:1198-32306).
   b. This code **SHALL** contain exactly one [1..1] **@codeSystem**="2.16.840.1.113883.6.96" (CodeSystem: SNOMED CT urn:oid:2.16.840.1.113883.6.96) (CONF:1198-32307).
6. **SHALL** contain exactly one [1..1] **statusCode** (CONF:1198-32225).
   a. This statusCode **SHALL** contain exactly one [1..1] **@code**, which **SHALL** be selected from ValueSet **ProblemAct statusCode** urn:oid:2.16.840.1.113883.11.20.9.19 **STATIC** (CONF:1198-32314).
7. **MAY** contain zero or one [0..1] **effectiveTime** (CONF:1198-32226).
8. **SHOULD** contain zero or more [0..*] **Author Participation** (identifier: urn:oid:2.16.840.1.113883.10.20.22.4.119) (CONF:1198-32300).
9. **MAY** contain zero or more [0..*] **entryRelationship** (CONF:1198-32179) such that it
   a. **SHALL** contain exactly one [1..1] **@typeCode**="REFR" Refers to (CodeSystem: HL7ActRelationshipType urn:oid:2.16.840.1.113883.5.1002) (CONF:1198-32227).
   b. **SHALL** contain exactly one [1..1] **Problem Observation (V3)** (identifier: urn:hl7ii:2.16.840.1.113883.10.20.22.4.4:2015-08-01) (CONF:1198-32219).
10. **MAY** contain zero or more [0..*] **entryRelationship** (CONF:1198-32181) such that it
    a. **SHALL** contain exactly one [1..1] **@typeCode**="REFR" Refers to (CodeSystem: HL7ActRelationshipType urn:oid:2.16.840.1.113883.5.1002) (CONF:1198-32228).

b. **SHALL** contain exactly one [1..1] **Allergy – Intolerance Observation (V2)** (identifier: urn:hl7ii:2.16.840.1.113883.10.20.22.4.7:2014-06-09) (CONF:1198-32229).

The following entryRelationship represents the relationship between two Health Concern Acts where there is a general relationship between the source and the target (Health Concern RELATES TO Health Concern). The Entry Reference template is used here because the target Health Concern Act will be defined elsewhere in the Health Concerns Section and thus a reference to that template is all that is required.

11. **MAY** contain zero or more [0..*] **entryRelationship** (CONF:1198-32182) such that it

    a. **SHALL** contain exactly one [1..1] **@typeCode**="REFR" Refers to (CodeSystem: HL7ActRelationshipType urn:oid:2.16.840.1.113883.5.1002) (CONF:1198-32230).

    b. **SHALL** contain exactly one [1..1] **Entry Reference** (identifier: urn:oid:2.16.840.1.113883.10.20.22.4.122) (CONF:1198-32231).

The following entryRelationship represents the relationship between two Health Concern Acts where the target is a component of the source (Health Concern HAS COMPONENT Health Concern). The Enry Reference template is used here because the target Health Concern Act will be defined elsewhere in the Health Concerns Section and thus a reference to that template is all that is required.

12. **MAY** contain zero or more [0..*] **entryRelationship** (CONF:1198-32183) such that it

    a. **SHALL** contain exactly one [1..1] **@typeCode**="COMP" Has component (CodeSystem: HL7ActRelationshipType urn:oid:2.16.840.1.113883.5.1002) (CONF:1198-32232).

    b. **SHALL** contain exactly one [1..1] **Entry Reference** (identifier: urn:oid:2.16.840.1.113883.10.20.22.4.122) (CONF:1198-32233).

13. **MAY** contain zero or more [0..*] **entryRelationship** (CONF:1198-32184) such that it

    a. **SHALL** contain exactly one [1..1] **@typeCode**="REFR" Refers to (CodeSystem: HL7ActRelationshipType urn:oid:2.16.840.1.113883.5.1002) (CONF:1198-32234).

    b. **SHALL** contain exactly one [1..1] **Assessment Scale Observation** (identifier: urn:oid:2.16.840.1.113883.10.20.22.4.69) (CONF:1198-32235).

14. **MAY** contain zero or more [0..*] **entryRelationship** (CONF:1198-32185) such that it

    a. **SHALL** contain exactly one [1..1] **@typeCode**="REFR" Refers to (CodeSystem: HL7ActRelationshipType urn:oid:2.16.840.1.113883.5.1002) (CONF:1198-32236).

    b. **SHALL** contain exactly one [1..1] **Mental Status Observation (V3)** (identifier: urn:hl7ii:2.16.840.1.113883.10.20.22.4.74:2015-08-01) (CONF:1198-32237).

15. **MAY** contain zero or more [0..*] **entryRelationship** (CONF:1198-32186) such that it

    a. **SHALL** contain exactly one [1..1] **@typeCode**="REFR" Refers to (CodeSystem: HL7ActRelationshipType urn:oid:2.16.840.1.113883.5.1002) (CONF:1198-32238).

    b. **SHALL** contain exactly one [1..1] **Self–Care Activities (ADL and IADL)** (identifier: urn:oid:2.16.840.1.113883.10.20.22.4.128) (CONF:1198-32239).

16. **MAY** contain zero or more [0..*] **entryRelationship** (CONF:1198-32188) such that it

    a. **SHALL** contain exactly one [1..1] **@typeCode**="REFR" Refers to (CodeSystem: HL7ActRelationshipType urn:oid:2.16.840.1.113883.5.1002) (CONF:1198-32242).

    b. **SHALL** contain exactly one [1..1] **Mental Status Observation (V3)** (identifier: urn:hl7ii:2.16.840.1.113883.10.20.22.4.74:2015-08-01) (CONF:1198-32243).

17. **MAY** contain zero or more [0..*] **entryRelationship** (CONF:1198-32189) such that it

    a. **SHALL** contain exactly one [1..1] **@typeCode**="REFR" Refers to (CodeSystem: HL7ActRelationshipType urn:oid:2.16.840.1.113883.5.1002) (CONF:1198-32244).

    b. **SHALL** contain exactly one [1..1] **Smoking Status – Meaningful Use (V2)** (identifier: urn:hl7ii:2.16.840.1.113883.10.20.22.4.78:2014-06-09) (CONF:1198-32245).

18. **MAY** contain zero or more [0..*] **entryRelationship** (CONF:1198-32190) such that it

    a. **SHALL** contain exactly one [1..1] **@typeCode**="REFR" Refers to (CodeSystem: HL7ActRelationshipType urn:oid:2.16.840.1.113883.5.1002) (CONF:1198-32246).

    b. **SHALL** contain exactly one [1..1] **Encounter Diagnosis (V3)** (identifier: urn:hl7ii:2.16.840.1.113883.10.20.22.4.80:2015-08-01) (CONF:1198-32247).

19. **MAY** contain zero or more [0..*] **entryRelationship** (CONF:1198-32191) such that it

    a. **SHALL** contain exactly one [1..1] **@typeCode**="REFR" Refers To (CodeSystem: HL7ActRelationshipType urn:oid:2.16.840.1.113883.5.1002) (CONF:1198-32248).

    b. **SHALL** contain exactly one [1..1] **Family History Organizer (V3)** (identifier: urn:hl7ii:2.16.840.1.113883.10.20.22.4.45:2015-08-01) (CONF:1198-32249).

20. **MAY** contain zero or more [0..*] **entryRelationship** (CONF:1198-32192) such that it

    a. **SHALL** contain exactly one [1..1] **@typeCode**="REFR" Refers to (CodeSystem: HL7ActRelationshipType urn:oid:2.16.840.1.113883.5.1002) (CONF:1198-32250).

    b. **SHALL** contain exactly one [1..1] **Functional Status Observation (V2)** (identifier: urn:hl7ii:2.16.840.1.113883.10.20.22.4.67:2014-06-09) (CONF:1198-32251).

21. **MAY** contain zero or more [0..*] **entryRelationship** (CONF:1198-32193) such that it

    a. **SHALL** contain exactly one [1..1] **@typeCode**="REFR" Refers to (CodeSystem: HL7ActRelationshipType urn:oid:2.16.840.1.113883.5.1002) (CONF:1198-32252).

    b. **SHALL** contain exactly one [1..1] **Hospital Admission Diagnosis (V3)** (identifier: urn:hl7ii:2.16.840.1.113883.10.20.22.4.34:2015-08-01) (CONF:1198-32253).

22. **MAY** contain zero or more [0..*] **entryRelationship** (CONF:1198-32195) such that it

    a. **SHALL** contain exactly one [1..1] **@typeCode**="REFR" Refers to (CodeSystem: HL7ActRelationshipType urn:oid:2.16.840.1.113883.5.1002) (CONF:1198-32256).

b. **SHALL** contain exactly one [1..1] **Nutrition Assessment** (identifier: urn:oid:2.16.840.1.113883.10.20.22.4.138) (CONF:1198-32257).

23. **MAY** contain zero or more [0..*] **entryRelationship** (CONF:1198-32197) such that it

    a. **SHALL** contain exactly one [1..1] **@typeCode**="REFR" Refers to (CodeSystem: HL7ActRelationshipType urn:oid:2.16.840.1.113883.5.1002) (CONF:1198-32260).

    b. **SHALL** contain exactly one [1..1] **Postprocedure Diagnosis (V3)** (identifier: urn:hl7ii:2.16.840.1.113883.10.20.22.4.51:2015-08-01) (CONF:1198-32261).

24. **MAY** contain zero or more [0..*] **entryRelationship** (CONF:1198-32198) such that it

    a. **SHALL** contain exactly one [1..1] **@typeCode**="REFR" Refers to (CodeSystem: HL7ActRelationshipType urn:oid:2.16.840.1.113883.5.1002) (CONF:1198-32262).

    b. **SHALL** contain exactly one [1..1] **Pregnancy Observation** (identifier: urn:oid:2.16.840.1.113883.10.20.15.3.8) (CONF:1198-32263).

25. **MAY** contain zero or more [0..*] **entryRelationship** (CONF:1198-32199) such that it

    a. **SHALL** contain exactly one [1..1] **@typeCode**="REFR" Refers to (CodeSystem: HL7ActRelationshipType urn:oid:2.16.840.1.113883.5.1002) (CONF:1198-32264).

    b. **SHALL** contain exactly one [1..1] **Preoperative Diagnosis (V3)** (identifier: urn:hl7ii:2.16.840.1.113883.10.20.22.4.65:2015-08-01) (CONF:1198-32265).

26. **MAY** contain zero or more [0..*] **entryRelationship** (CONF:1198-32200) such that it

    a. **SHALL** contain exactly one [1..1] **@typeCode**="REFR" Refers to (CodeSystem: HL7ActRelationshipType urn:oid:2.16.840.1.113883.5.1002) (CONF:1198-32266).

    b. **SHALL** contain exactly one [1..1] **Reaction Observation (V2)** (identifier: urn:hl7ii:2.16.840.1.113883.10.20.22.4.9:2014-06-09) (CONF:1198-32267).

27. **MAY** contain zero or more [0..*] **entryRelationship** (CONF:1198-32201) such that it

    a. **SHALL** contain exactly one [1..1] **@typeCode**="REFR" Refers to (CodeSystem: HL7ActRelationshipType urn:oid:2.16.840.1.113883.5.1002) (CONF:1198-32268).

    b. **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:1198-32269).

28. **MAY** contain zero or more [0..*] **entryRelationship** (CONF:1198-32202) such that it

    a. **SHALL** contain exactly one [1..1] **@typeCode**="REFR" Refers to (CodeSystem: HL7ActRelationshipType urn:oid:2.16.840.1.113883.5.1002) (CONF:1198-32270).

    b. **SHALL** contain exactly one [1..1] **Sensory Status** (identifier: urn:oid:2.16.840.1.113883.10.20.22.4.127) (CONF:1198-32271).

29. **MAY** contain zero or more [0..*] **entryRelationship** (CONF:1198-32203) such that it

    a. **SHALL** contain exactly one [1..1] **@typeCode**="REFR" Refers to (CodeSystem: HL7ActRelationshipType urn:oid:2.16.840.1.113883.5.1002) (CONF:1198-32272).

b. **SHALL** contain exactly one [1..1] **Social History Observation (V3)** (identifier: urn:hl7ii:2.16.840.1.113883.10.20.22.4.38:2015-08-01) (CONF:1198-32273).

30. **MAY** contain zero or more [0..*] **entryRelationship** (CONF:1198-32204) such that it
    a. **SHALL** contain exactly one [1..1] **@typeCode**="REFR" Refers to (CodeSystem: HL7ActRelationshipType urn:oid:2.16.840.1.113883.5.1002) (CONF:1198-32958).
    b. **SHALL** contain exactly one [1..1] **Substance or Device Allergy – Intolerance Observation (V2)** (identifier: urn:hl7ii:2.16.840.1.113883.10.20.24.3.90:2014-06-09) (CONF:1198-32275).

31. **MAY** contain zero or more [0..*] **entryRelationship** (CONF:1198-32205) such that it
    a. **SHALL** contain exactly one [1..1] **@typeCode**="REFR" Refers to (CodeSystem: HL7ActRelationshipType urn:oid:2.16.840.1.113883.5.1002) (CONF:1198-32276).
    b. **SHALL** contain exactly one [1..1] **Tobacco Use (V2)** (identifier: urn:hl7ii:2.16.840.1.113883.10.20.22.4.85:2014-06-09) (CONF:1198-32277).

32. **MAY** contain zero or more [0..*] **entryRelationship** (CONF:1198-32206) such that it
    a. **SHALL** contain exactly one [1..1] **@typeCode**="REFR" Refers to (CodeSystem: HL7ActRelationshipType urn:oid:2.16.840.1.113883.5.1002) (CONF:1198-32278).
    b. **SHALL** contain exactly one [1..1] **Vital Sign Observation (V2)** (identifier: urn:hl7ii:2.16.840.1.113883.10.20.22.4.27:2014-06-09) (CONF:1198-32279).

33. **MAY** contain zero or more [0..*] **entryRelationship** (CONF:1198-32207) such that it
    a. **SHALL** contain exactly one [1..1] **@typeCode**="REFR" Refers to (CodeSystem: HL7ActRelationshipType urn:oid:2.16.840.1.113883.5.1002) (CONF:1198-32280).
    b. **SHALL** contain exactly one [1..1] **Longitudinal Care Wound Observation (V2)** (identifier: urn:hl7ii:2.16.840.1.113883.10.20.22.4.114:2015-08-01) (CONF:1198-32281).

The following entryRelationship represents the relationship Health Concern HAS SUPPORT Observation.

34. **MAY** contain zero or more [0..*] **entryRelationship** (CONF:1198-32208) such that it
    a. **SHALL** contain exactly one [1..1] **@typeCode**="SPRT" Has support (CodeSystem: HL7ActRelationshipType urn:oid:2.16.840.1.113883.5.1002) (CONF:1198-32282).
    b. **SHALL** contain exactly one [1..1] **Problem Observation (V3)** (identifier: urn:hl7ii:2.16.840.1.113883.10.20.22.4.4:2015-08-01) (CONF:1198-32283).

35. **MAY** contain zero or more [0..*] **entryRelationship** (CONF:1198-32209) such that it
    a. **SHALL** contain exactly one [1..1] **@typeCode**="REFR" Refers to (CodeSystem: HL7ActRelationshipType urn:oid:2.16.840.1.113883.5.1002) (CONF:1198-32284).

b. **SHALL** contain exactly one [1..1] **Caregiver Characteristics** (identifier: urn:oid:2.16.840.1.113883.10.20.22.4.72) (CONF:1198-32285).

36. **MAY** contain zero or more [0..*] **entryRelationship** (CONF:1198-32210) such that it

    a. **SHALL** contain exactly one [1..1] **@typeCode**="REFR" Refers to (CodeSystem: HL7ActRelationshipType urn:oid:2.16.840.1.113883.5.1002) (CONF:1198-32286).

    b. **SHALL** contain exactly one [1..1] **Cultural and Religious Observation** (identifier: urn:oid:2.16.840.1.113883.10.20.22.4.111) (CONF:1198-32287).

37. **MAY** contain zero or more [0..*] **entryRelationship** (CONF:1198-32211) such that it

    a. **SHALL** contain exactly one [1..1] **@typeCode**="REFR" Refers to (CodeSystem: HL7ActRelationshipType urn:oid:2.16.840.1.113883.5.1002) (CONF:1198-32288).

    b. **SHALL** contain exactly one [1..1] **Characteristics of Home Environment** (identifier: urn:oid:2.16.840.1.113883.10.20.22.4.109) (CONF:1198-32289).

38. **MAY** contain zero or more [0..*] **entryRelationship** (CONF:1198-32212) such that it

    a. **SHALL** contain exactly one [1..1] **@typeCode**="REFR" Refers to (CodeSystem: HL7ActRelationshipType urn:oid:2.16.840.1.113883.5.1002) (CONF:1198-32290).

    b. **SHALL** contain exactly one [1..1] **Nutritional Status Observation** (identifier: urn:oid:2.16.840.1.113883.10.20.22.4.124) (CONF:1198-32291).

39. **MAY** contain zero or more [0..*] **entryRelationship** (CONF:1198-32213) such that it

    a. **SHALL** contain exactly one [1..1] **@typeCode**="REFR" Refers to (CodeSystem: HL7ActRelationshipType urn:oid:2.16.840.1.113883.5.1002) (CONF:1198-32292).

    b. **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:1198-32293).

The following entryRelationship represents the priority that the patient puts on the health concern.

40. **MAY** contain zero or more [0..*] **entryRelationship** (CONF:1198-32214) such that it

    a. **SHALL** contain exactly one [1..1] **@typeCode**="REFR" Refers to (CodeSystem: HL7ActRelationshipType urn:oid:2.16.840.1.113883.5.1002) (CONF:1198-32294).

    b. **SHALL** contain exactly one [1..1] **Priority Preference** (identifier: urn:oid:2.16.840.1.113883.10.20.22.4.143) (CONF:1198-32295).

The following entryRelationship represents the priority that the provider puts on the health concern.

41. **MAY** contain zero or more [0..*] **entryRelationship** (CONF:1198-32215) such that it

    a. **SHALL** contain exactly one [1..1] **@typeCode**="REFR" Refers to (CodeSystem: HL7ActRelationshipType urn:oid:2.16.840.1.113883.5.1002) (CONF:1198-32296).

b. **SHALL** contain exactly one [1..1] **Priority Preference** (identifier: urn:oid:2.16.840.1.113883.10.20.22.4.143) (CONF:1198-32297).

42. **MAY** contain zero or more [0..*] **entryRelationship** (CONF:1198-32216) such that it

    a. **SHALL** contain exactly one [1..1] **@typeCode**="REFR" Refers to (CodeSystem: HL7ActRelationshipType urn:oid:2.16.840.1.113883.5.1002) (CONF:1198-32298).

    b. **SHALL** contain exactly one [1..1] **Problem Concern Act (V3)** (identifier: urn:hl7ii:2.16.840.1.113883.10.20.22.4.3:2015-08-01) (CONF:1198-32299).

Where a Health Concern needs to reference another entry already described in the CDA document instance, rather than repeating the full content of the entry, the Entry Reference template may be used to reference this entry.

43. **MAY** contain zero or more [0..*] **entryRelationship** (CONF:1198-32217) such that it

    a. **SHALL** contain exactly one [1..1] **@typeCode**="REFR" Refers to (CodeSystem: HL7ActRelationshipType urn:oid:2.16.840.1.113883.5.1002) (CONF:1198-32301).

    b. **SHALL** contain exactly one [1..1] **Entry Reference** (identifier: urn:oid:2.16.840.1.113883.10.20.22.4.122) (CONF:1198-32302).

44. **MAY** contain zero or more [0..*] **reference** (CONF:1198-32769).

    a. The reference, if present, **SHALL** contain exactly one [1..1] **@typeCode**="REFR" Refers to (CodeSystem: HL7ActRelationshipType urn:oid:2.16.840.1.113883.5.1002) (CONF:1198-32908).

    b. The reference, if present, **SHALL** contain exactly one [1..1] **External Document Reference** (identifier: urn:hl7ii:2.16.840.1.113883.10.20.22.4.115:2014-06-09) (CONF:1198-32909).

Figure 214: Risk Concern Act Example

```xml
<!-- Risk Concern Act -->
<act classCode="ACT" moodCode="EVN">
    <templateId root="2.16.840.1.113883.10.20.22.4.136" extension="2015-08-01"/>
    <id root="cbcbf20a-d011-449f-87d1-a23cc3e5f7cf" />
    <code code="X-RISK-CONCERN-ACT" codeSystem="2.16.840.1.113883.6.1"
codeSystemName="LOINC" displayName="At risk for" />
    <!-- This Health Risk has a statusCode of active because it is an active risk -->
    <statusCode code="active" />
    <!-- The effective time is the date that the Health Risk started being followed -
    this does not necessarily correlate to the onset date of the contained health issues-->
    <effectiveTime value="20130616" />
    <!-- Health Risk: Malignant neoplastic disease -->
    <entryRelationship typeCode="REFR">
        <!-- Problem Observation -->
        <observation classCode="OBS" moodCode="EVN">
            <templateId root="2.16.840.1.113883.10.20.22.4.4" extension="2015-08-01" />
            <id root="8dfacd73-1682-4cc4-9351-e54ccea83612" />
            <code code="80943009" codeSystem="2.16.840.1.113883.6.96"
codeSystemName="SNOMED CT" displayName="Risk factor" />
            <statusCode code="completed" />
            <effectiveTime>
                <low value="20130613" />
            </effectiveTime>
            <value xsi:type="CD" code="409623005" codeSystem="2.16.840.1.113883.6.96"
codeSystemName="SNOMED CT" displayName="Malignant neoplastic disease" />
        </observation>
    </entryRelationship>
  ...



    <!-- This entryRelationship represents the relationship
         "Health Risk REFERS TO Health Concern"
    -->
    <entryRelationship typeCode="REFR">
        <!-- Entry Reference Concern Act -->
        <act classCode="ACT" moodCode="EVN">
            <templateId root="2.16.840.1.113883.10.20.22.4.122" />
            <!-- This id points to an already defined Health Concern -->
            <id root="4eab0e52-dd7d-4285-99eb-72d32ddb195c" />
            <code nullFlavor="NP" />
            <statusCode code="completed" />
        </act>
    </entryRelationship>
</act>
```

3.95 Self-Care Activities (ADL and IADL)

[observation: identifier urn:oid:2.16.840.1.113883.10.20.22.4.128 (open)]

Table 464: Self-Care Activities (ADL and IADL) Contexts

Contained By:	Contains:
Functional Status Section (V2) (optional) Functional Status Organizer (V2) (required) Health Concern Act (V2) (optional) Risk Concern Act (V2) (optional)	Author Participation (optional)

This template represents a patient's daily self-care ability. These activities are called Activities of Daily Living (ADL) and Instrumental Activities of Daily Living (IADL). ADLs involve caring for and moving of the body (e.g., dressing, bathing, eating). IADLs support an independent life style (e.g., cooking, managing medications, driving, shopping).

Table 465: Self-Care Activities (ADL and IADL) Constraints Overview

XPath	Card.	Verb	Data Type	CONF#	Value
observation (identifier: urn:oid:2.16.840.1.113883.10.20.22.4.128)					
@classCode	1..1	SHALL		1098-31389	urn:oid:2.16.840.1.113883.5.6 (HL7ActClass) = OBS
@moodCode	1..1	SHALL		1098-31390	urn:oid:2.16.840.1.113883.5.1001 (HL7ActMood) = EVN
templateId	1..1	SHALL		1098-28190	
@root	1..1	SHALL		1098-28457	2.16.840.1.113883.10.20.22.4.128
code	1..1	SHALL		1098-28153	urn:oid:2.16.840.1.113883.11.20.9.47 (ADL Result Type)
statusCode	1..1	SHALL		1098-32490	urn:oid:2.16.840.1.113883.5.14 (HL7ActStatus)
@code	1..1	SHALL		1098-32491	urn:oid:2.16.840.1.113883.5.14 (HL7ActStatus) = completed
effectiveTime	1..1	SHALL		1098-32492	
value	1..1	SHALL	CD	1098-28042	urn:oid:2.16.840.1.113883.11.20.9.46 (Ability)
author	0..*	SHOULD		1098-32469	Author Participation (identifier: urn:oid:2.16.840.1.113883.10.20.22.4.119

1. **SHALL** contain exactly one [1..1] **@classCode**="OBS" (CodeSystem: HL7ActClass urn:oid:2.16.840.1.113883.5.6) (CONF:1098-31389).
2. **SHALL** contain exactly one [1..1] **@moodCode**="EVN" (CodeSystem: HL7ActMood urn:oid:2.16.840.1.113883.5.1001) (CONF:1098-31390).