

### 3.36 Health Concern Act (V2)

[act: identifier urn:hl7ii:2.16.840.1.113883.10.20.22.4.132:2015-08-01  
(open) ]

**Table 302: Health Concern Act (V2) Contexts**

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

This template represents a health concern.

It is a wrapper for a single health 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 Health Concern Act is used to track non-optimal physical or psychological situations drawing the patient to the healthcare system. These may be from the perspective of the care team or from the perspective of the patient.

When the underlying condition is of concern (i.e., as long as the condition, whether active or resolved,

is of ongoing concern and interest), the statusCode is “active”. Only when the underlying condition is no longer of concern is the statusCode set to “completed”. The effectiveTime reflects the time that the underlying condition was felt to be a concern; it may or may not correspond to the effectiveTime of the condition (e.g., even five years later, a prior heart attack may remain a concern).

Health concerns require intervention(s) to increase the likelihood of achieving the goals of care for the patient and they specify the condition oriented reasons for creating the plan.

**Table 303: Health Concern Act (V2) Constraints Overview**

XPath	Card.	Verb	Data Type	CONF#	Value
act (identifier: urn:hl7ii:2.16.840.1.113883.10.20.22.4.132:2015-08-01)					
@classCode	1..1	SHALL		<a href="#">1198-30750</a>	urn:oid:2.16.840.1.113883.5.6 (HL7ActClass) = ACT
@moodCode	1..1	SHALL		<a href="#">1198-30751</a>	urn:oid:2.16.840.1.113883.5.1001 (HL7ActMood) = EVN
templateId	1..1	SHALL		<a href="#">1198-30752</a>	
@root	1..1	SHALL		<a href="#">1198-30753</a>	2.16.840.1.113883.10.20.22.4.132
@extension	1..1	SHALL		<a href="#">1198-32861</a>	2015-08-01
id	1..*	SHALL		<a href="#">1198-30754</a>	
code	1..1	SHALL		<a href="#">1198-32310</a>	
@code	1..1	SHALL		<a href="#">1198-32311</a>	75310-3
@codeSystem	1..1	SHALL		<a href="#">1198-32312</a>	urn:oid:2.16.840.1.113883.6.1 (LOINC) = 2.16.840.1.113883.6.1
statusCode	1..1	SHALL		<a href="#">1198-30758</a>	
@code	1..1	SHALL		<a href="#">1198-32313</a>	urn:oid:2.16.840.1.113883.11.20.9.19 (ProblemAct statusCode)
effectiveTime	0..1	MAY		<a href="#">1198-30759</a>	
author	0..*	SHOULD		<a href="#">1198-31546</a>	<a href="#">Author Participation (identifier: urn:oid:2.16.840.1.113883.10.20.22.4.119)</a>
entryRelationship	0..*	MAY		<a href="#">1198-30761</a>	
@typeCode	1..1	SHALL		<a href="#">1198-30762</a>	urn:oid:2.16.840.1.113883.5.1002 (HL7ActRelationshipType) = REFR
observation	1..1	SHALL		<a href="#">1198-31001</a>	<a href="#">Problem Observation (V3) (identifier:</a>

XPath	Card.	Verb	Data Type	CONF#	Value
					<a href="#">urn:hl7ii:2.16.840.1.113883.10.20.22.4.4:2015-08-01</a>
entryRelationship	0..*	MAY		<a href="#">1198-31007</a>	
@typeCode	1..1	SHALL		<a href="#">1198-31008</a>	urn:oid:2.16.840.1.113883.5.1002 (HL7ActRelationshipType) = REFR
observation	1..1	SHALL		<a href="#">1198-31186</a>	<a href="#">Allergy - Intolerance Observation (V2) (identifier: urn:hl7ii:2.16.840.1.113883.10.20.22.4.7:2014-06-09)</a>
entryRelationship	0..*	MAY		<a href="#">1198-31157</a>	
@typeCode	1..1	SHALL		<a href="#">1198-31158</a>	urn:oid:2.16.840.1.113883.5.1002 (HL7ActRelationshipType) = REFR
act	1..1	SHALL		<a href="#">1198-32106</a>	<a href="#">Entry Reference (identifier: urn:oid:2.16.840.1.113883.10.20.22.4.122)</a>
entryRelationship	0..*	MAY		<a href="#">1198-31160</a>	
@typeCode	1..1	SHALL		<a href="#">1198-31161</a>	urn:oid:2.16.840.1.113883.5.1002 (HL7ActRelationshipType) = COMP
act	1..1	SHALL		<a href="#">1198-32107</a>	<a href="#">Entry Reference (identifier: urn:oid:2.16.840.1.113883.10.20.22.4.122)</a>
entryRelationship	0..*	MAY		<a href="#">1198-31190</a>	
@typeCode	1..1	SHALL		<a href="#">1198-31191</a>	urn:oid:2.16.840.1.113883.5.1002 (HL7ActRelationshipType) = REFR
observation	1..1	SHALL		<a href="#">1198-31192</a>	<a href="#">Assessment Scale Observation (identifier: urn:oid:2.16.840.1.113883.10.20.22.4.69)</a>
entryRelationship	0..*	MAY		<a href="#">1198-31232</a>	
@typeCode	1..1	SHALL		<a href="#">1198-31264</a>	urn:oid:2.16.840.1.113883.5.1002 (HL7ActRelationshipType) = REFR
observation	1..1	SHALL		<a href="#">1198-31265</a>	<a href="#">Self-Care Activities (ADL and IADL) (identifier: urn:oid:2.16.840.1.113883.10.20.22.4.128)</a>
entryRelationship	0..*	MAY		<a href="#">1198-31234</a>	

XPath	Card.	Verb	Data Type	CONF#	Value
@typeCode	1..1	SHALL		<a href="#">1198-31268</a>	urn:oid:2.16.840.1.113883.5.1002 (HL7ActRelationshipType) = REFR
observation	1..1	SHALL		<a href="#">1198-31273</a>	<a href="#">Mental Status Observation (V3) (identifier: urn:hl7ii:2.16.840.1.113883.10.20.22.4.74:2015-08-01)</a>
entryRelationship	0..*	MAY		<a href="#">1198-31235</a>	
@typeCode	1..1	SHALL		<a href="#">1198-31269</a>	urn:oid:2.16.840.1.113883.5.1002 (HL7ActRelationshipType) = REFR
observation	1..1	SHALL		<a href="#">1198-31275</a>	<a href="#">Smoking Status - Meaningful Use (V2) (identifier: urn:hl7ii:2.16.840.1.113883.10.20.22.4.78:2014-06-09)</a>
entryRelationship	0..*	MAY		<a href="#">1198-31236</a>	
@typeCode	1..1	SHALL		<a href="#">1198-31270</a>	urn:oid:2.16.840.1.113883.5.1002 (HL7ActRelationshipType) = REFR
act	1..1	SHALL		<a href="#">1198-31277</a>	<a href="#">Encounter Diagnosis (V3) (identifier: urn:hl7ii:2.16.840.1.113883.10.20.22.4.80:2015-08-01)</a>
entryRelationship	0..*	MAY		<a href="#">1198-31237</a>	
@typeCode	1..1	SHALL		<a href="#">1198-31279</a>	urn:oid:2.16.840.1.113883.5.1002 (HL7ActRelationshipType) = REFR
organizer	1..1	SHALL		<a href="#">1198-31280</a>	<a href="#">Family History Organizer (V3) (identifier: urn:hl7ii:2.16.840.1.113883.10.20.22.4.45:2015-08-01)</a>
entryRelationship	0..*	MAY		<a href="#">1198-31238</a>	
@typeCode	1..1	SHALL		<a href="#">1198-31282</a>	urn:oid:2.16.840.1.113883.5.1002 (HL7ActRelationshipType) = REFR
observation	1..1	SHALL		<a href="#">1198-31283</a>	<a href="#">Functional Status Observation (V2) (identifier: urn:hl7ii:2.16.840.1.113883.10.20.22.4.67:2014-06-09)</a>
entryRelationship	0..*	MAY		<a href="#">1198-31241</a>	
@typeCode	1..1	SHALL		<a href="#">1198-31291</a>	urn:oid:2.16.840.1.113883.5.1002 (HL7ActRelationshipType) = REFR

XPath	Card.	Verb	Data Type	CONF#	Value
act	1..1	SHALL		<a href="#">1198-31292</a>	<a href="#">Hospital Admission Diagnosis (V3) (identifier: urn:hl7ii:2.16.840.1.113883.10.20.22.4.34:2015-08-01)</a>
entryRelationship	0..*	MAY		<a href="#">1198-31244</a>	
@typeCode	1..1	SHALL		<a href="#">1198-31300</a>	urn:oid:2.16.840.1.113883.5.1002 (HL7ActRelationshipType) = REFR
observation	1..1	SHALL		<a href="#">1198-31301</a>	<a href="#">Nutrition Assessment (identifier: urn:oid:2.16.840.1.113883.10.20.22.4.138)</a>
entryRelationship	0..*	MAY		<a href="#">1198-31246</a>	
@typeCode	1..1	SHALL		<a href="#">1198-31306</a>	urn:oid:2.16.840.1.113883.5.1002 (HL7ActRelationshipType) = REFR
act	1..1	SHALL		<a href="#">1198-31307</a>	<a href="#">Postprocedure Diagnosis (V3) (identifier: urn:hl7ii:2.16.840.1.113883.10.20.22.4.51:2015-08-01)</a>
entryRelationship	0..*	MAY		<a href="#">1198-31247</a>	
@typeCode	1..1	SHALL		<a href="#">1198-31309</a>	urn:oid:2.16.840.1.113883.5.1002 (HL7ActRelationshipType) = REFR
observation	1..1	SHALL		<a href="#">1198-31310</a>	<a href="#">Pregnancy Observation (identifier: urn:oid:2.16.840.1.113883.10.20.15.3.8)</a>
entryRelationship	0..*	MAY		<a href="#">1198-31248</a>	
@typeCode	1..1	SHALL		<a href="#">1198-31312</a>	urn:oid:2.16.840.1.113883.5.1002 (HL7ActRelationshipType) = REFR
act	1..1	SHALL		<a href="#">1198-31313</a>	<a href="#">Preoperative Diagnosis (V3) (identifier: urn:hl7ii:2.16.840.1.113883.10.20.22.4.65:2015-08-01)</a>
entryRelationship	0..*	MAY		<a href="#">1198-31250</a>	
@typeCode	1..1	SHALL		<a href="#">1198-31318</a>	urn:oid:2.16.840.1.113883.5.1002 (HL7ActRelationshipType) = REFR
observation	1..1	SHALL		<a href="#">1198-31319</a>	<a href="#">Reaction Observation (V2) (identifier: urn:hl7ii:2.16.840.1.113883.10.20.22.4.65:2015-08-01)</a>

XPath	Card.	Verb	Data Type	CONF#	Value
					<a href="#">0.20.22.4.9:2014-06-09</a>
entryRelationship	0..*	MAY		<a href="#">1198-31251</a>	
@typeCode	1..1	SHALL		<a href="#">1198-31321</a>	urn:oid:2.16.840.1.113883.5.1002 (HL7ActRelationshipType) = REFR
observation	1..1	SHALL		<a href="#">1198-31322</a>	<a href="#">Result Observation (V3) (identifier: urn:hl7ii:2.16.840.1.113883.10.20.22.4.2:2015-08-01)</a>
entryRelationship	0..*	MAY		<a href="#">1198-31252</a>	
@typeCode	1..1	SHALL		<a href="#">1198-31324</a>	urn:oid:2.16.840.1.113883.5.1002 (HL7ActRelationshipType) = REFR
observation	1..1	SHALL		<a href="#">1198-31325</a>	<a href="#">Sensory Status (identifier: urn:oid:2.16.840.1.113883.10.20.22.4.127)</a>
entryRelationship	0..*	MAY		<a href="#">1198-31253</a>	
@typeCode	1..1	SHALL		<a href="#">1198-31327</a>	urn:oid:2.16.840.1.113883.5.1002 (HL7ActRelationshipType) = REFR
observation	1..1	SHALL		<a href="#">1198-31328</a>	<a href="#">Social History Observation (V3) (identifier: urn:hl7ii:2.16.840.1.113883.10.20.22.4.38:2015-08-01)</a>
entryRelationship	0..*	MAY		<a href="#">1198-31254</a>	
@typeCode	1..1	SHALL		<a href="#">1198-32955</a>	urn:oid:2.16.840.1.113883.5.1002 (HL7ActRelationshipType) = REFR
observation	1..1	SHALL		<a href="#">1198-31331</a>	<a href="#">Substance or Device Allergy - Intolerance Observation (V2) (identifier: urn:hl7ii:2.16.840.1.113883.10.20.24.3.90:2014-06-09)</a>
entryRelationship	0..*	MAY		<a href="#">1198-31255</a>	
@typeCode	1..1	SHALL		<a href="#">1198-31333</a>	urn:oid:2.16.840.1.113883.5.1002 (HL7ActRelationshipType) = REFR
observation	1..1	SHALL		<a href="#">1198-31334</a>	<a href="#">Tobacco Use (V2) (identifier: urn:hl7ii:2.16.840.1.113883.10.20.22.4.85:2014-06-09)</a>
entryRelationship	0..*	MAY		<a href="#">1198-31256</a>	

XPath	Card.	Verb	Data Type	CONF#	Value
@typeCode	1..1	SHALL		<a href="#">1198-31336</a>	urn:oid:2.16.840.1.113883.5.1002 (HL7ActRelationshipType) = REFR
observation	1..1	SHALL		<a href="#">1198-31337</a>	<a href="#">Vital Sign Observation (V2) (identifier: urn:hl7ii:2.16.840.1.113883.10.20.22.4.27:2014-06-09)</a>
entryRelationship	0..*	MAY		<a href="#">1198-31257</a>	
@typeCode	1..1	SHALL		<a href="#">1198-31339</a>	urn:oid:2.16.840.1.113883.5.1002 (HL7ActRelationshipType) = REFR
observation	1..1	SHALL		<a href="#">1198-31340</a>	<a href="#">Longitudinal Care Wound Observation (V2) (identifier: urn:hl7ii:2.16.840.1.113883.10.20.22.4.114:2015-08-01)</a>
entryRelationship	0..*	MAY		<a href="#">1198-31365</a>	
@typeCode	1..1	SHALL		<a href="#">1198-31366</a>	urn:oid:2.16.840.1.113883.5.1002 (HL7ActRelationshipType) = SPRT
observation	1..1	SHALL		<a href="#">1198-31367</a>	<a href="#">Problem Observation (V3) (identifier: urn:hl7ii:2.16.840.1.113883.10.20.22.4.4:2015-08-01)</a>
entryRelationship	0..*	MAY		<a href="#">1198-31368</a>	
@typeCode	1..1	SHALL		<a href="#">1198-31369</a>	urn:oid:2.16.840.1.113883.5.1002 (HL7ActRelationshipType) = REFR
observation	1..1	SHALL		<a href="#">1198-31370</a>	<a href="#">Caregiver Characteristics (identifier: urn:oid:2.16.840.1.113883.10.20.22.4.72)</a>
entryRelationship	0..*	MAY		<a href="#">1198-31371</a>	
@typeCode	1..1	SHALL		<a href="#">1198-31372</a>	urn:oid:2.16.840.1.113883.5.1002 (HL7ActRelationshipType) = REFR
observation	1..1	SHALL		<a href="#">1198-31373</a>	<a href="#">Cultural and Religious Observation (identifier: urn:oid:2.16.840.1.113883.10.20.22.4.111)</a>
entryRelationship	0..*	MAY		<a href="#">1198-31374</a>	
@typeCode	1..1	SHALL		<a href="#">1198-31375</a>	urn:oid:2.16.840.1.113883.5.1002 (HL7ActRelationshipType) = REFR

XPath	Card.	Verb	Data Type	CONF#	Value
observation	1..1	SHALL		<a href="#">1198-31376</a>	<a href="#">Characteristics of Home Environment (identifier: urn:oid:2.16.840.1.113883.10.20.22.4.109)</a>
entryRelationship	0..*	MAY		<a href="#">1198-31377</a>	
@typeCode	1..1	SHALL		<a href="#">1198-31378</a>	urn:oid:2.16.840.1.113883.5.1002 (HL7ActRelationshipType) = REFR
observation	1..1	SHALL		<a href="#">1198-31379</a>	<a href="#">Nutritional Status Observation (identifier: urn:oid:2.16.840.1.113883.10.20.22.4.124)</a>
entryRelationship	0..*	MAY		<a href="#">1198-31380</a>	
@typeCode	1..1	SHALL		<a href="#">1198-31381</a>	urn:oid:2.16.840.1.113883.5.1002 (HL7ActRelationshipType) = REFR
organizer	1..1	SHALL		<a href="#">1198-31382</a>	<a href="#">Result Organizer (V3) (identifier: urn:hl7ii:2.16.840.1.113883.10.20.22.4.1:2015-08-01)</a>
entryRelationship	0..*	MAY		<a href="#">1198-31442</a>	
@typeCode	1..1	SHALL		<a href="#">1198-31443</a>	urn:oid:2.16.840.1.113883.5.1002 (HL7ActRelationshipType) = REFR
observation	1..1	SHALL		<a href="#">1198-31444</a>	<a href="#">Priority Preference (identifier: urn:oid:2.16.840.1.113883.10.20.22.4.143)</a>
entryRelationship	0..*	MAY		<a href="#">1198-31544</a>	
@typeCode	1..1	SHALL		<a href="#">1198-31547</a>	urn:oid:2.16.840.1.113883.5.1002 (HL7ActRelationshipType) = REFR
act	1..1	SHALL		<a href="#">1198-31548</a>	<a href="#">Problem Concern Act (V3) (identifier: urn:hl7ii:2.16.840.1.113883.10.20.22.4.3:2015-08-01)</a>
entryRelationship	0..*	MAY		<a href="#">1198-31549</a>	
@typeCode	1..1	SHALL		<a href="#">1198-31550</a>	urn:oid:2.16.840.1.113883.5.1002 (HL7ActRelationshipType) = REFR
act	1..1	SHALL		<a href="#">1198-31551</a>	<a href="#">Entry Reference (identifier: urn:oid:2.16.840.1.113883.10.20.22.4.122)</a>
reference	0..*	MAY		<a href="#">1198-</a>	



XPath	Card.	Verb	Data Type	CONF#	Value
				<a href="#">32757</a>	
@typeCode	1..1	SHALL		<a href="#">1198-32758</a>	urn:oid:2.16.840.1.113883.5.1002 (HL7ActRelationshipType) = REFR
externalDocument	1..1	SHALL		<a href="#">1198-32759</a>	<a href="#">External Document Reference (identifier: urn:hl7ii:2.16.840.1.113883.10.20.22.4.115:2014-06-09)</a>

1. **SHALL** contain exactly one [1..1] @classCode="ACT" (CodeSystem: HL7ActClass urn:oid:2.16.840.1.113883.5.6) (CONF:1198-30750).
2. **SHALL** contain exactly one [1..1] @moodCode="EVN" (CodeSystem: HL7ActMood urn:oid:2.16.840.1.113883.5.1001) (CONF:1198-30751).
3. **SHALL** contain exactly one [1..1] templateId (CONF:1198-30752) such that it
  - a. **SHALL** contain exactly one [1..1] @root="2.16.840.1.113883.10.20.22.4.132" (CONF:1198-30753).
  - b. **SHALL** contain exactly one [1..1] @extension="2015-08-01" (CONF:1198-32861).
4. **SHALL** contain at least one [1..\*] id (CONF:1198-30754).
5. **SHALL** contain exactly one [1..1] code (CONF:1198-32310).
  - a. This code **SHALL** contain exactly one [1..1] @code="75310-3" Health Concern (CONF:1198-32311).
  - 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:1198-32312).
6. **SHALL** contain exactly one [1..1] statusCode (CONF:1198-30758).
  - 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:1198-32313).
7. **MAY** contain zero or one [0..1] effectiveTime (CONF:1198-30759).

A health concern may be a patient or provider concern. If the author is set to the recordTarget (patient), this is a patient concern. If the author is set to a provider, this is a provider concern. If both patient and provider are set as authors, this is a concern of both the patient and the provider.

8. **SHOULD** contain zero or more [0..\*] [Author Participation](#) (identifier: urn:oid:2.16.840.1.113883.10.20.22.4.119) (CONF:1198-31546).
9. **MAY** contain zero or more [0..\*] entryRelationship (CONF:1198-30761) 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:1198-30762).
  - 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:1198-31001).
10. **MAY** contain zero or more [0..\*] entryRelationship (CONF:1198-31007) 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:1198-31008).
- 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:1198-31186).

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 REFERS TO Health Concern). For example, a patient has 2 health concerns identified in a CARE Plan: Failure to Thrive and Poor Feeding, while it could be that one may have caused the other, at the time of care planning and documentation it is not necessary, nor desirable to have to assert what caused what. 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:1198-31157) 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:1198-31158).
  - b. **SHALL** contain exactly one [1..1] [Entry Reference](#) (identifier: urn:oid:2.16.840.1.113883.10.20.22.4.122) (CONF:1198-32106).
    - i. The Entry Reference template **SHALL** contain an id that references a Health Concern Act (CONF:1198-32860).

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). For example, a patient has an Impaired Mobility Health Concern. There may then be the need to document several component health concerns, such as "Unable to Transfer Bed to Chair", "Unable to Rise from Commode", "Short of Breath Walking with Walker". 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.

12. **MAY** contain zero or more [0..\*] entryRelationship (CONF:1198-31160) 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:1198-31161).
  - b. **SHALL** contain exactly one [1..1] [Entry Reference](#) (identifier: urn:oid:2.16.840.1.113883.10.20.22.4.122) (CONF:1198-32107).
    - i. The Entry Reference template **SHALL** contain an id that references a Health Concern Act (CONF:1198-32745).
13. **MAY** contain zero or more [0..\*] entryRelationship (CONF:1198-31190) 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:1198-31191).
  - b. **SHALL** contain exactly one [1..1] [Assessment Scale Observation](#) (identifier: urn:oid:2.16.840.1.113883.10.20.22.4.69) (CONF:1198-31192).
14. **MAY** contain zero or more [0..\*] entryRelationship (CONF:1198-31232) 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:1198-31264).
  - 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:1198-31265).
15. **MAY** contain zero or more [0..\*] **entryRelationship** (CONF:1198-31234) 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:1198-31268).
  - 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:1198-31273).
16. **MAY** contain zero or more [0..\*] **entryRelationship** (CONF:1198-31235) 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:1198-31269).
  - 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:1198-31275).
17. **MAY** contain zero or more [0..\*] **entryRelationship** (CONF:1198-31236) 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:1198-31270).
  - 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:1198-31277).
18. **MAY** contain zero or more [0..\*] **entryRelationship** (CONF:1198-31237) 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:1198-31279).
  - 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:1198-31280).
19. **MAY** contain zero or more [0..\*] **entryRelationship** (CONF:1198-31238) 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:1198-31282).
  - 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:1198-31283).
20. **MAY** contain zero or more [0..\*] **entryRelationship** (CONF:1198-31241) 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:1198-31291).

- 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:1198-31292).
- 21. **MAY** contain zero or more [0..\*] **entryRelationship** (CONF:1198-31244) 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:1198-31300).
  - b. **SHALL** contain exactly one [1..1] [Nutrition Assessment](#) (identifier: urn:oid:2.16.840.1.113883.10.20.22.4.138) (CONF:1198-31301).
- 22. **MAY** contain zero or more [0..\*] **entryRelationship** (CONF:1198-31246) 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:1198-31306).
  - 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:1198-31307).
- 23. **MAY** contain zero or more [0..\*] **entryRelationship** (CONF:1198-31247) 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:1198-31309).
  - b. **SHALL** contain exactly one [1..1] [Pregnancy Observation](#) (identifier: urn:oid:2.16.840.1.113883.10.20.15.3.8) (CONF:1198-31310).
- 24. **MAY** contain zero or more [0..\*] **entryRelationship** (CONF:1198-31248) 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:1198-31312).
  - 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:1198-31313).
- 25. **MAY** contain zero or more [0..\*] **entryRelationship** (CONF:1198-31250) 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:1198-31318).
  - 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:1198-31319).
- 26. **MAY** contain zero or more [0..\*] **entryRelationship** (CONF:1198-31251) 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:1198-31321).
  - 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:1198-31322).
- 27. **MAY** contain zero or more [0..\*] **entryRelationship** (CONF:1198-31252) 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:1198-31324).
  - b. **SHALL** contain exactly one [1..1] [Sensory Status](#) (identifier: urn:oid:2.16.840.1.113883.10.20.22.4.127) (CONF:1198-31325).
28. **MAY** contain zero or more [0..\*] **entryRelationship** (CONF:1198-31253) 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:1198-31327).
  - 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:1198-31328).
29. **MAY** contain zero or more [0..\*] **entryRelationship** (CONF:1198-31254) 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:1198-32955).
  - 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:1198-31331).
30. **MAY** contain zero or more [0..\*] **entryRelationship** (CONF:1198-31255) 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:1198-31333).
  - 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:1198-31334).
31. **MAY** contain zero or more [0..\*] **entryRelationship** (CONF:1198-31256) 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:1198-31336).
  - 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:1198-31337).
32. **MAY** contain zero or more [0..\*] **entryRelationship** (CONF:1198-31257) 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:1198-31339).
  - 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:1198-31340).

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

33. **MAY** contain zero or more [0..\*] **entryRelationship** (CONF:1198-31365) 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:1198-31366).
  - 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:1198-31367).
34. **MAY** contain zero or more [0..\*] **entryRelationship** (CONF:1198-31368) 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:1198-31369).
  - b. **SHALL** contain exactly one [1..1] [Caregiver Characteristics](#) (identifier: urn:oid:2.16.840.1.113883.10.20.22.4.72) (CONF:1198-31370).
35. **MAY** contain zero or more [0..\*] **entryRelationship** (CONF:1198-31371) 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:1198-31372).
  - 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:1198-31373).
36. **MAY** contain zero or more [0..\*] **entryRelationship** (CONF:1198-31374) 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:1198-31375).
  - 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:1198-31376).
37. **MAY** contain zero or more [0..\*] **entryRelationship** (CONF:1198-31377) 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:1198-31378).
  - b. **SHALL** contain exactly one [1..1] [Nutritional Status Observation](#) (identifier: urn:oid:2.16.840.1.113883.10.20.22.4.124) (CONF:1198-31379).
38. **MAY** contain zero or more [0..\*] **entryRelationship** (CONF:1198-31380) 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:1198-31381).
  - 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:1198-31382).

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

39. **MAY** contain zero or more [0..\*] **entryRelationship** (CONF:1198-31442) 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:1198-31443).
  - b. **SHALL** contain exactly one [1..1] [Priority Preference](#) (identifier: urn:oid:2.16.840.1.113883.10.20.22.4.143) (CONF:1198-31444).
40. **MAY** contain zero or more [0..\*] **entryRelationship** (CONF:1198-31544) 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:1198-31547).
  - 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:1198-31548).

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.

41. **MAY** contain zero or more [0..\*] **entryRelationship** (CONF:1198-31549) 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:1198-31550).
  - b. **SHALL** contain exactly one [1..1] [Entry Reference](#) (identifier: urn:oid:2.16.840.1.113883.10.20.22.4.122) (CONF:1198-31551).

Where it is necessary to reference an external clinical document such a Referral document, Discharge Summary document etc., the External Document Reference template can be used to reference this document. However, if this Care Plan document is replacing or appending another Care Plan document in the same set, that relationship is set in the header, using ClinicalDocument/relatedDocument.

42. **MAY** contain zero or more [0..\*] **reference** (CONF:1198-32757).
- 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:1198-32758).
  - 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:1198-32759).

**Figure 156: Health Concern Act Example**

```
<act classCode="ACT" moodCode="EVN">
  <templateId root="2.16.840.1.113883.10.20.22.4.132" extension="2015-08-01" />
  <id root="4eab0e52-dd7d-4285-99eb-72d32ddb195c" />
  <code code="75310-3"
    codeSystem="2.16.840.1.113883.6.1"
    codeSystemName="LOINC"
    displayName="Health Concern" />
  <!-- This Health Concern has a statusCode of active because it is an active concern -->
  <statusCode code="active" />
  <!-- The effective time is the date that the Health Concern started being followed -
    this does not necessarily correlate to the onset date of the contained health issues--
>
  <effectiveTime value="20130616" />
  <!-- Health Concern: Current every day smoker-->
  <entryRelationship typeCode="REFR">
    <!-- Tobacco Use (V2) -->
    <observation classCode="OBS" moodCode="EVN">
      <templateId root="2.16.840.1.113883.10.20.22.4.85" extension="2014-06-09" />
      ...
    </observation>
  </entryRelationship>
  <!-- Health Concern Problem: Respiratory insufficiency -->
  <entryRelationship typeCode="REFR">
    <!-- Problem Observation (V2) -->
    <observation classCode="OBS" moodCode="EVN">
      <templateId root="2.16.840.1.113883.10.20.22.4.4" extension="2015-08-01" />
      ...
    </observation>
  </entryRelationship>
  <!-- Health Concern Diagnosis: Pneumonia -->
  <entryRelationship typeCode="REFR">
    <!-- Problem Observation (V2) -->
    <observation classCode="OBS" moodCode="EVN">
      <templateId root="2.16.840.1.113883.10.20.22.4.4" extension="2015-08-01" />
      ...
    </observation>
  </entryRelationship>
  <!--
    This is an entry relationship of the SPRT (support) type which shows
    that the productive cough supports the Health Concern (Problem: Respiratory
    Insufficiency and Diagnosis: Pneumonia
    This entryRelationship represents the relationship:
    Health Concern HAS SUPPORT Observation
  -->
  <entryRelationship typeCode="SPRT">
    <!-- Problem Observation (V2) -->
    <observation classCode="OBS" moodCode="EVN">
      <templateId root="2.16.840.1.113883.10.20.22.4.4" extension="2015-08-01" />
      ...
    </observation>
  </entryRelationship>
```



```

<!-- Priority Preference -->
<entryRelationship typeCode="RSON">
  <!-- Priority Preference - this is the preference that the patient
  (specified by the Author Participation template)
  places on the Health Concern -->
  <observation classCode="OBS" moodCode="EVN">
    <templateId root="2.16.840.1.113883.10.20.22.4.143" />
    ...

  </observation>
</entryRelationship>
<!-- Priority Preference - this is the preference that the provider
(specified by the Author Participation template)
places on the Health Concern -->
<entryRelationship typeCode="RSON">
  <!-- Priority Preference -->
  <observation classCode="OBS" moodCode="EVN">
    <templateId root="2.16.840.1.113883.10.20.22.4.143" />
    ...

  </observation>
</entryRelationship>
</act>

```

### 3.37 Health Status Observation (V2)

[observation: identifier urn:hl7ii:2.16.840.1.113883.10.20.22.4.5:2014-06-09  
(open)]

**Table 304: Health Status Observation (V2) Contexts**

Contained By:	Contains:
<a href="#">Health Concerns Section (V2)</a> (optional) <a href="#">Problem Section (entries optional) (V3)</a> (optional) <a href="#">Problem Section (entries required) (V3)</a> (optional)	

This template represents information about the overall health status of the patient. To represent the impact of a specific problem or concern related to the patient's expected health outcome use the Prognosis Observation template 2.16.840.1.113883.10.20.22.4.113.