Advance Directives Templates - Revisions -Companion Templates

October 26

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Obligation Instruction

[act: identifier urn:hl7ii:2.16.840.1.113883.10.20.22.4.205:2017-11-01 (open)]

The Obligation Instruction template is an adaptation of the Instruction V2 template.  It follows the structure of an instruction template, but modifies the semantics in two ways.  First, the code element should come from a different value set defined to contain the concepts that are relevant for the type of Obligation Instructions that a patient may decide to make, or that a patient's healthcare agent or other type of surrogate decision-maker may decide to make when the patient is unable to communicate, or that a healthcare provider may decide to make when acting on behalf of the patient in the absence of an appointed healthcare agent or other type of surrogate decision-maker.  Second, the author of this template is defined to be the person who makes the decision to put the Obligation Instruction in place.

The Prohibition Instruction template and Obligation Instruction template are designed as a "matched pair" to permit either prohibitions or obligations to be clearly expressed in an unambiguous way.  The use of negation is explicitly expressed, and the semantic design of the recommended value sets takes into consideration the logical meaning of an obligation versus a prohibition.  For more information on this design pattern, refer to work happening within HL7 on best practices for addressing negation challenges.

For decisions that establish prohibition instructions, refer to the Prohibition Instruction template.

Table 1: Obligation Instruction Constraints Overview

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| XPath | Card. | Verb | Data Type | CONF# | Value |
| act (identifier: urn:hl7ii:2.16.840.1.113883.10.20.22.4.205:2017-11-01) |
|  @classCode | 1..1 | SHALL |  | [3355-3](#C_3355-3) | urn:oid:2.16.840.1.113883.5.6 (HL7ActClass) = ACT |
|  @moodCode | 1..1 | SHALL |  | [3355-4](#C_3355-4) | urn:oid:2.16.840.1.113883.5.1001 (HL7ActMood) = INT |
|  templateId | 1..1 | SHALL |  | [3355-1](#C_3355-1) |  |
|  @root | 1..1 | SHALL |  | [3355-5](#C_3355-5) | 2.16.840.1.113883.10.20.22.4.205 |
|  @extension | 1..1 | SHALL |  | [3355-6](#C_3355-6) | 2017-11-01 |
|  code | 1..1 | SHALL |  | [3355-7](#C_3355-7) |  |
|  @code | 1..1 | SHALL |  | [3355-19](#C_3355-19) | urn:oid:2.16.840.1.113883.11.20.9.69.7 (Obligation or Prohibition Instruction Type) |
|  statusCode | 1..1 | SHALL |  | [3355-2](#C_3355-2) |  |
|  @code | 1..1 | SHALL |  | [3355-8](#C_3355-8) | urn:oid:2.16.840.1.113883.5.14 (HL7ActStatus) = completed |
|  effectiveTime | 1..1 | SHALL |  | [3355-20](#C_3355-20) |  |
|  @nullFlavor | 0..0 | SHALL NOT |  | [3355-26](#C_3355-26) |  |
|  low | 1..1 | SHALL |  | [3355-21](#C_3355-21) |  |
|  @nullFlavor | 0..0 | SHALL NOT |  | [3355-27](#C_3355-27) |  |
|  high | 0..1 | MAY |  | [3355-22](#C_3355-22) |  |
|  author | 1..1 | SHALL |  | [3355-23](#C_3355-23) |  |
|  @nullFlavor | 0..0 | SHALL NOT |  | [3355-24](#C_3355-24) |  |
|  time | 1..1 | SHALL |  | [3355-25](#C_3355-25) |  |

1. SHALL contain exactly one [1..1] @classCode="ACT" (CodeSystem: HL7ActClass urn:oid:2.16.840.1.113883.5.6 STATIC) (CONF:3355-3).
2. SHALL contain exactly one [1..1] @moodCode="INT" (CodeSystem: HL7ActMood urn:oid:2.16.840.1.113883.5.1001 STATIC) (CONF:3355-4).
3. SHALL contain exactly one [1..1] templateId (CONF:3355-1) such that it
	1. SHALL contain exactly one [1..1] @root="2.16.840.1.113883.10.20.22.4.205" (CONF:3355-5).
	2. SHALL contain exactly one [1..1] @extension="2017-11-01" (CONF:3355-6).
4. SHALL contain exactly one [1..1] code (CONF:3355-7).
	1. This code SHALL contain exactly one [1..1] @code, which SHOULD be selected from ValueSet Obligation or Prohibition Instruction Type urn:oid:2.16.840.1.113883.11.20.9.69.7 (CONF:3355-19).
5. SHALL contain exactly one [1..1] statusCode (CONF:3355-2).
	1. This statusCode SHALL contain exactly one [1..1] @code="completed" Completed (CodeSystem: HL7ActStatus urn:oid:2.16.840.1.113883.5.14 STATIC) (CONF:3355-8).
6. SHALL contain exactly one [1..1] effectiveTime (CONF:3355-20).
	1. This effectiveTime SHALL NOT contain [0..0] @nullFlavor (CONF:3355-26).

The effectiveTime/low indicates the time when the obligation becomes effective.

* 1. This effectiveTime SHALL contain exactly one [1..1] low (CONF:3355-21).
		1. This low SHALL NOT contain [0..0] @nullFlavor (CONF:3355-27).

When present, the effectiveTime/high indicates the time when the obligation instruction is no longer in effect.

* 1. This effectiveTime MAY contain zero or one [0..1] high (CONF:3355-22).

The author indicates the person who made the decision to put this obligation instruction into effect. It can be the patient, the appointed healthcare agent or other type of surrogate decision-maker if the patient cannot communicate, or a healthcare provider acting in the patient's interest when no healthcare agent or other type of surrogate decision-maker has been appointed and the patient cannot communicate.

1. SHALL contain exactly one [1..1] author (CONF:3355-23).
	1. This author SHALL NOT contain [0..0] @nullFlavor (CONF:3355-24).

The author/time indicates when the obligation instruction was established.  (This could be in advance of when it takes effect.) It is the time the author made the decision issuing the obligation instruction.

* 1. This author SHALL contain exactly one [1..1] time (CONF:3355-25).

Prohibition Instruction

[act: identifier urn:hl7ii:2.16.840.1.113883.10.20.22.4.206:2017-10-25 (open)]

The Prohibition Instruction template is an adaptation of the Instruction V2 template.  It follows the structure of an instruction template, but modifies the semantics in two ways.  First, the code element should come from a different value set defined to contain the concepts that are relevant for the type of Prohibition Instruction that a patient may decide to make, or that a patient's healthcare agent or other type of surrogate decision-maker may decide to make when the patient is unable to communicate, or that a healthcare provider may decide to make when acting on behalf of the patient in the absence of an appointed healthcare agent or other type of surrogate decision-maker. Second, the author of this template is defined to be the person who makes the decision to put the Prohibition Instruction in place.

The Prohibition Instruction template and Obligation Instruction template are designed as a "matched pair" to permit either prohibitions or obligations to be clearly expressed in an unambiguous way.  The use of negation is explicitly expressed, and the semantic design of the recommended value sets takes into consideration the logical meaning of an obligation versus a prohibition.  For more information on this design pattern, refer to work happening within HL7 on best practices for addressing negation challenges.

For decisions that establish obligation instructions, refer to the Obligation Instruction template.

Table 2: Prohibition Instruction Constraints Overview

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| XPath | Card. | Verb | Data Type | CONF# | Value |
| act (identifier: urn:hl7ii:2.16.840.1.113883.10.20.22.4.206:2017-10-25) |
|  @classCode | 1..1 | SHALL |  | [3355-14](#C_3355-14) | urn:oid:2.16.840.1.113883.5.6 (HL7ActClass) = ACT |
|  @moodCode | 1..1 | SHALL |  | [3355-15](#C_3355-15) | urn:oid:2.16.840.1.113883.5.1001 (HL7ActMood) = INT |
|  @negationInd | 0..1 | MAY |  | [3355-17](#C_3355-17) | true |
|  templateId | 1..1 | SHALL |  | [3355-9](#C_3355-9) |  |
|  @root | 1..1 | SHALL |  | [3355-11](#C_3355-11) | 2.16.840.1.113883.10.20.22.4.206 |
|  @extension | 1..1 | SHALL |  | [3355-12](#C_3355-12) | 2017-11-01 |
|  code | 1..1 | SHALL |  | [3355-16](#C_3355-16) |  |
|  @code | 1..1 | SHALL |  | [3355-18](#C_3355-18) | urn:oid:2.16.840.1.113883.11.20.9.69.7 (Obligation or Prohibition Instruction Type) |
|  statusCode | 1..1 | SHALL |  | [3355-10](#C_3355-10) |  |
|  @code | 1..1 | SHALL |  | [3355-13](#C_3355-13) | urn:oid:2.16.840.1.113883.5.14 (HL7ActStatus) = completed |
|  effectiveTime | 1..1 | SHALL |  | [3355-32](#C_3355-32) |  |
|  low | 1..1 | SHALL |  | [3355-36](#C_3355-36) |  |
|  @nullFlavor | 0..0 | SHALL NOT |  | [3355-37](#C_3355-37) |  |
|  high | 0..1 | MAY |  | [3355-39](#C_3355-39) |  |
|  author | 1..1 | SHALL |  | [3355-40](#C_3355-40) |  |
|  @nullFlavor | 0..0 | SHALL NOT |  | [3355-42](#C_3355-42) |  |
|  time | 1..1 | SHALL |  | [3355-44](#C_3355-44) |  |

1. SHALL contain exactly one [1..1] @classCode="ACT" (CodeSystem: HL7ActClass urn:oid:2.16.840.1.113883.5.6 STATIC) (CONF:3355-14).
2. SHALL contain exactly one [1..1] @moodCode="INT" (CodeSystem: HL7ActMood urn:oid:2.16.840.1.113883.5.1001 STATIC) (CONF:3355-15).
3. MAY contain zero or one [0..1] @negationInd="true" (CONF:3355-17).
4. SHALL contain exactly one [1..1] templateId (CONF:3355-9) such that it
	1. SHALL contain exactly one [1..1] @root="2.16.840.1.113883.10.20.22.4.206" (CONF:3355-11).
	2. SHALL contain exactly one [1..1] @extension="2017-11-01" (CONF:3355-12).
5. SHALL contain exactly one [1..1] code (CONF:3355-16).
	1. This code SHALL contain exactly one [1..1] @code, which SHOULD be selected from ValueSet Obligation or Prohibition Instruction Type urn:oid:2.16.840.1.113883.11.20.9.69.7 (CONF:3355-18).
6. SHALL contain exactly one [1..1] statusCode (CONF:3355-10).
	1. This statusCode SHALL contain exactly one [1..1] @code="completed" Completed (CodeSystem: HL7ActStatus urn:oid:2.16.840.1.113883.5.14 STATIC) (CONF:3355-13).
7. SHALL contain exactly one [1..1] effectiveTime (CONF:3355-32).

The effectiveTime/low indicates the time when the obligation becomes effective.

* 1. This effectiveTime SHALL contain exactly one [1..1] low (CONF:3355-36).
		1. This low SHALL NOT contain [0..0] @nullFlavor (CONF:3355-37).

When present, the effectiveTime/high indicates the time when the obligation

* 1. This effectiveTime MAY contain zero or one [0..1] high (CONF:3355-39).

The author indicates the person who made the decision to put this obligation instruction into effect. It can be the patient, the appointed healthcare agent or other type of surrogate decision-maker if the patient cannot communicate, or a healthcare provider acting in the patient's interest when no healthcare agent or other type of surrogate decision-maker has been appointed and the patient cannot communicate.

1. SHALL contain exactly one [1..1] author (CONF:3355-40).
	1. This author SHALL NOT contain [0..0] @nullFlavor (CONF:3355-42).

The author/time indicates when the prohibition instruction was established.  (This could be in advance of when it takes effect.) It is the time the author made the decision issuing the prohibition instruction.

* 1. This author SHALL contain exactly one [1..1] time (CONF:3355-44).

# Template Ids in This Guide

Table 3: Template List

| Template Title | Template Type | templateId |
| --- | --- | --- |
| [Obligation Instruction](#E_Obligation_Instruction) | entry | urn:hl7ii:2.16.840.1.113883.10.20.22.4.205:2017-11-01 |
| [Prohibition Instruction](#E_Prohibition_Instruction) | entry | urn:hl7ii:2.16.840.1.113883.10.20.22.4.206:2017-10-25 |

Table 4: Template Containments

| Template Title | Template Type | templateId |
| --- | --- | --- |
| [Obligation Instruction](#E_Obligation_Instruction) | entry | urn:hl7ii:2.16.840.1.113883.10.20.22.4.205:2017-11-01 |
| [Prohibition Instruction](#E_Prohibition_Instruction) | entry | urn:hl7ii:2.16.840.1.113883.10.20.22.4.206:2017-10-25 |

# Code Systems in This Guide

Table 5: Code Systems

| Name | OID |
| --- | --- |
| HL7ActClass | urn:oid:2.16.840.1.113883.5.6 |
| HL7ActMood | urn:oid:2.16.840.1.113883.5.1001 |
| HL7ActStatus | urn:oid:2.16.840.1.113883.5.14 |
| SNOMED CT | urn:oid:2.16.840.1.113883.6.96 |