Advance Directives Templates - Revisions -Companion Templates
October 26

Table of Contents

UPDATE THIS FIELD TO GENERATE TOC

Table of Figures

Update this field to generate TOF

Table of Tables

Update this field to generate TOT

1 ENTRY

1.1 *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](#)	urn:oid:2.16.840.1.113883.5.6 (HL7ActClass) = ACT
@moodCode	1..1	SHALL		[3355-4](#)	urn:oid:2.16.840.1.113883.5.1001 (HL7ActMood) = INT
templateId	1..1	SHALL		[3355-1](#)	
@root	1..1	SHALL		[3355-5](#)	2.16.840.1.113883.10.20.22.4.205
@extension	1..1	SHALL		[3355-6](#)	2017-11-01
code	1..1	SHALL		[3355-7](#)	
@code	1..1	SHALL		[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](#)	
@code	1..1	SHALL		[3355-8](#)	urn:oid:2.16.840.1.113883.5.14 (HL7ActStatus) = completed
effectiveTime	1..1	SHALL		[3355-20](#)	
@nullFlavor	0..0	SHALL NOT		[3355-26](#)	
low	1..1	SHALL		[3355-21](#)	
@nullFlavor	0..0	SHALL NOT		[3355-27](#)	
high	0..1	MAY		[3355-22](#)	
author	1..1	SHALL		[3355-23](#)	
@nullFlavor	0..0	SHALL NOT		[3355-24](#)	
time	1..1	SHALL		[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
    a. **SHALL** contain exactly one [1..1] **@root**="2.16.840.1.113883.10.20.22.4.205" (CONF:3355-5).
    b. **SHALL** contain exactly one [1..1] **@extension**="2017-11-01" (CONF:3355-6).
4. **SHALL** contain exactly one [1..1] **code** (CONF:3355-7).

a. 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).

   a. 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).

   a. This effectiveTime **SHALL NOT** contain [0..0] **@nullFlavor** (CONF:3355-26).

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

   b. This effectiveTime **SHALL** contain exactly one [1..1] **low** (CONF:3355-21).

      i. 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.

   c. 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.

7. **SHALL** contain exactly one [1..1] **author** (CONF:3355-23).

   a. 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.

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

1.2 *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	urn:oid:2.16.840.1.113883.5.6 (HL7ActClass) = ACT
@moodCode	1..1	SHALL		3355-15	urn:oid:2.16.840.1.113883.5.1001 (HL7ActMood) = INT
@negationInd	0..1	MAY		3355-17	true
templateId	1..1	SHALL		3355-9	
@root	1..1	SHALL		3355-11	2.16.840.1.113883.10.20.22.4.206
@extension	1..1	SHALL		3355-12	2017-11-01
code	1..1	SHALL		3355-16	
@code	1..1	SHALL		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	
@code	1..1	SHALL		3355-13	urn:oid:2.16.840.1.113883.5.14 (HL7ActStatus) = completed
effectiveTime	1..1	SHALL		3355-32	
low	1..1	SHALL		3355-36	
@nullFlavor	0..0	SHALL NOT		3355-37	
high	0..1	MAY		3355-39	
author	1..1	SHALL		3355-40	
@nullFlavor	0..0	SHALL NOT		3355-42	
time	1..1	SHALL		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
   a. **SHALL** contain exactly one [1..1] **@root**="2.16.840.1.113883.10.20.22.4.206" (CONF:3355-11).
   b. **SHALL** contain exactly one [1..1] **@extension**="2017-11-01" (CONF:3355-12).
5. **SHALL** contain exactly one [1..1] **code** (CONF:3355-16).
   a. 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).
   a. 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.

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

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

   b. 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.

8. **SHALL** contain exactly one [1..1] **author** (CONF:3355-40).
   a. 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.

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

2   TEMPLATE IDS IN THIS GUIDE

Table 3: Template List

Template Title	Template Type	templateId
Obligation Instruction	entry	urn:hl7ii:2.16.840.1.113883.10.20. 22.4.205:2017-11-01
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	entry	urn:hl7ii:2.16.840.1.113883.10.20. 22.4.205:2017-11-01
Prohibition Instruction	entry	urn:hl7ii:2.16.840.1.113883.10.20. 22.4.206:2017-10-25

3 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