

DICOM Correction Proposal

STATUS	Assigned
Date of Last Update	2019-02-23
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Submission Date	2019-01-22

Correction Number	CP-1893
Log Summary: Fix inconsistent Relationship Content Constraints (SR IODs from Supplement 164)	
Name of Standard	PS3.3
<p>Rationale for Correction:</p> <p>Both the Planned Imaging Agent Administration SR IOD and the Performed Imaging Agent Administration SR IOD list the Target Value Type "TIME" in the Relationship Content Constraint table even though this Value Type is actually not needed for the underlying SR Templates (see PS3.16). There are also inconsistencies regarding the Enumerated Values defined for the Value Type attribute in these two IODs.</p> <p>The proposal is to remove the unnecessary Target Value Types from the corresponding tables in PS3.3 and to update the list of Enumerated Values for the Value Type attribute (i.e. remove unnecessary and add missing values).</p> <p>Editorial changes: remove terminating "." from some table cells of the "Target Value Type" column.</p>	
Correction Wording:	

*Change PS3.3 Section A.35.19.3.1.2 and A.35.19.3.1.3*

**A.35.19.3.1.2 Value Type**

Value Type (0040,A040) in the Content Sequence (0040,A730) of the SR Document Content Module is constrained to the following Enumerated Values (see Table C.17.3-7 for Value Type definitions):

Enumerated Values:

**TEXT**  
**CODE**  
**NUM**  
**DATETIME**  
**DATE**  
**TIME**  
**UIDREF**  
**PNAME**  
**CONTAINER**

**A.35.19.3.1.3 Relationship Constraints**

Relationships between Content Items in the content of this IOD shall be conveyed by-value. Table A.35.19-2 specifies the relationship constraints of this IOD. See Table C.17.3-8 for Relationship Type definitions.

**Table A.35.19-2. Relationship Content Constraints for Planned Imaging Agent Administration SR IOD**

Source Value Type	Relationship Type (Enumerated Values)	Target Value Type
CONTAINER	CONTAINS	TEXT, CODE, NUM, DATETIME, DATE, <del>TIME</del> , UIDREF, PNAME, CONTAINER.
TEXT, CODE, NUM, CONTAINER	HAS OBS CONTEXT	TEXT, CODE, NUM, DATETIME, DATE, <del>TIME</del> , UIDREF, PNAME
CONTAINER, NUM	HAS ACQ CONTEXT	TEXT, CODE, NUM, DATETIME, DATE, <del>TIME</del> , UIDREF, PNAME, CONTAINER.
any type	HAS CONCEPT MOD	TEXT, CODE <sup>1</sup>
TEXT, CODE, NUM	HAS PROPERTIES	TEXT, CODE, NUM, DATETIME, DATE, <del>TIME</del> , UIDREF, PNAME, CONTAINER.
PNAME	HAS PROPERTIES	TEXT, CODE, DATETIME, DATE, <del>TIME</del> , UIDREF, PNAME
TEXT, CODE, NUM	INFERRED FROM	TEXT, CODE, NUM, DATETIME, DATE, <del>TIME</del> , UIDREF, PNAME, CONTAINER.

Note

1. The HAS CONCEPT MOD relationship is used to modify the meaning of the concept name of a parent node (or Source Content Item), with a modifier or qualifier in a child (target node) to provide a more descriptive explanation, a different coded language translation, or to define a post-coordinated concept.

*Change PS3.3 Section A.35.20.3.1.2 and A.35.20.3.1.3*

**A.35.20.3.1.2 Value Type**

Value Type (0040,A040) in the Content Sequence (0040,A730) of the SR Document Content Module is constrained to the following Enumerated Values (see Table C.17.3-7 for Value Type definitions):

Enumerated Values:

**TEXT**  
**CODE**  
**NUM**  
**DATETIME**  
**DATE**  
**UIDREF**  
**PNAME**  
**COMPOSITE**  
**IMAGE**  
**WAVEFORM**  
**CONTAINER**

**A.35.20.3.1.3 Relationship Constraints**

Relationships between Content Items in the content of this IOD shall be conveyed by-value. Table A.35.20-2 specifies the relationship constraints of this IOD. See Table C.17.3-8 for Relationship Type definitions.

**Table A.35.20-2. Relationship Content Constraints for Performed Imaging Agent Administration SR IOD**

Source Value Type	Relationship Type (Enumerated Values)	Target Value Type
CONTAINER	CONTAINS	TEXT, CODE, NUM, DATETIME, DATE,

Source Value Type	Relationship Type (Enumerated Values)	Target Value Type
		<del>TIME</del> , UIDREF, PNAME, COMPOSITE <sup>1</sup> , IMAGE <sup>1</sup> , WAVEFORM <sup>1</sup> , CONTAINER <del>2</del>
TEXT, CODE, NUM, CONTAINER	HAS OBS CONTEXT	TEXT, CODE, NUM, DATETIME, DATE, <del>TIME</del> , UIDREF, PNAME, COMPOSITE <sup>1</sup>
CONTAINER, IMAGE <sup>1</sup> , WAVEFORM <sup>1</sup> , COMPOSITE <sup>1</sup> , NUM	HAS ACQ CONTEXT	TEXT, CODE, NUM, DATETIME, DATE, <del>TIME</del> , UIDREF, PNAME, CONTAINER
any type	HAS CONCEPT MOD	TEXT, CODE <sup>2</sup>
TEXT, CODE, NUM	HAS PROPERTIES	TEXT, CODE, NUM, DATETIME, DATE, <del>TIME</del> , UIDREF, PNAME, IMAGE <sup>1</sup> , WAVEFORM <sup>1</sup> , COMPOSITE <sup>1</sup> , CONTAINER
PNAME	HAS PROPERTIES	TEXT, CODE, DATETIME, DATE, <del>TIME</del> , UIDREF, PNAME
TEXT, CODE, NUM	INFERRED FROM	TEXT, CODE, NUM, DATETIME, DATE, <del>TIME</del> , UIDREF, PNAME, IMAGE <sup>1</sup> , WAVEFORM <sup>1</sup> , COMPOSITE <sup>1</sup> , CONTAINER

Note

1. The SOP Classes to which an IMAGE or WAVEFORM or COMPOSITE Value Type may refer, is documented in the Conformance Statement for an application (see PS3.2 and PS3.4).
2. The HAS CONCEPT MOD relationship is used to modify the meaning of the concept name of a parent node (or Source Content Item), with a modifier or qualifier in a child (target node) to provide a more descriptive explanation, a different coded language translation, or to define a post-coordinated concept.