

DICOM Correction Proposal

STATUS	Final Text
Date of Last Update	2018-03-26
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Correction Number	CP-1727
Log Summary: Remove unnecessary Relationship Content Constraints (from Radiation Dose SR IODs)	
Name of Standard PS3.3 2018a	
Rationale for Correction: Both the X-Ray Radiation Dose SR IOD and the Patient Radiation Dose SR IOD list the Target Value Type “DATE” and “TIME” in the Relationship Content Constraint table even though these Value Types are neither among the Enumerated Values for the respective IOD nor actually needed for the underlying SR Templates (see PS3.16). The proposal is to remove the unnecessary Target Value Types from the corresponding tables in PS3.3. Editorial changes: remove terminating “.” from some table cells of the “Target Value Type” column.	
Correction Wording:	

Change PS3.3 Section A.35.8.3.1.3

A.35.8.3.1.3 Relationship Constraints

Relationships between content items in the content of this IOD shall be conveyed by-value. Table A.35.8-2 specifies the relationship constraints of this IOD. See Table C.17.3-8 for Relationship Type definitions.

Table A.35.8-2. Relationship Content Constraints for X-Ray Radiation Dose SR IOD

Source Value Type	Relationship Type (Enumerated Values)	Target Value Type
CONTAINER	CONTAINS	TEXT, CODE, NUM, DATETIME, UIDREF, PNAME, IMAGE, COMPOSITE, CONTAINER
CONTAINER	HAS OBS CONTEXT	DATETIME, CODE, TEXT, UIDREF, PNAME
TEXT, CODE, NUM	HAS OBS CONTEXT	TEXT, CODE, NUM, DATETIME, UIDREF, PNAME, COMPOSITE
CONTAINER, IMAGE, COMPOSITE	HAS ACQ CONTEXT	TEXT, CODE, NUM, DATETIME, UIDREF, PNAME, CONTAINER.
any type	HAS CONCEPT MOD	TEXT, CODE
TEXT, CODE, NUM	HAS PROPERTIES	TEXT, CODE, NUM, DATETIME, UIDREF, PNAME, IMAGE, COMPOSITE, CONTAINER.

Source Value Type	Relationship Type (Enumerated Values)	Target Value Type
PNAME	HAS PROPERTIES	TEXT, CODE, DATETIME, DATE, TIME, UIDREF, PNAME
TEXT, CODE, NUM	INFERRED FROM	TEXT, CODE, NUM, DATETIME, UIDREF, IMAGE, COMPOSITE, CONTAINER ;

Note

The SOP Classes to which an IMAGE or COMPOSITE Value Type may refer are documented in the Conformance Statement for an application (see PS3.2 and PS3.4).

Change PS3.3 Section A.35.18.3.1.3

A.35.18.3.1.3 Relationship Constraints

Relationships between content items in the content of this IOD shall be conveyed by-value. Table A.35.18-2 specifies the relationship constraints of this IOD. See Table C.17.3-8 for Relationship Type definitions.

Table A.35.18-2. Relationship Content Constraints for Patient Radiation Dose SR IOD

Source Value Type	Relationship Type (Enumerated Values)	Target Value Type
CONTAINER	CONTAINS	TEXT, CODE, NUM, DATETIME, UIDREF, PNAME, IMAGE, COMPOSITE, CONTAINER
CONTAINER	HAS OBS CONTEXT	DATETIME, CODE, TEXT, UIDREF, PNAME
TEXT, CODE, NUM, COMPOSITE	HAS OBS CONTEXT	TEXT, CODE, NUM, DATETIME, UIDREF, PNAME, COMPOSITE
CONTAINER, IMAGE, COMPOSITE	HAS ACQ CONTEXT	TEXT, CODE, NUM, DATETIME, UIDREF, PNAME, CONTAINER ;
any type	HAS CONCEPT MOD	TEXT, CODE
TEXT, CODE, NUM, COMPOSITE	HAS PROPERTIES	TEXT, CODE, NUM, DATETIME, UIDREF, PNAME, IMAGE, COMPOSITE, CONTAINER ;
PNAME	HAS PROPERTIES	TEXT, CODE, DATETIME, DATE, TIME, UIDREF, PNAME
TEXT, CODE, NUM	INFERRED FROM	TEXT, CODE, NUM, DATETIME, UIDREF, IMAGE, COMPOSITE, CONTAINER ;

Note

The SOP Classes to which an IMAGE or COMPOSITE Value Type may refer are documented in the Conformance Statement for an application (see PS3.2 and PS3.4).