

DICOM Change Proposal

STATUS	Letter Ballot
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Change Number	CP-2571
Log Summary: Remove WAVEFORM from Relationship Content Constraints for Colon CAD SR IOD	
Name of Standard	
PS3.3	
Rationale for Change:	
The Relationship Content Constraints for the Colon CAD SR IOD specify "WAVEFORM" as a valid Target Value Type, even though this Value Type is not listed as one of the Enumerated Values for this IOD. Theoretically, it would be possible to use a WAVEFORM Content Item for the associated Template TID 4120 "Colon CAD Document Root" (as part of the included sub-template TID 321), but there is no practical use for this in the context of Colon CAD. It is, therefore, proposed to remove "WAVEFORM" from PS3.3 Table A.35.10-2.	
Change Wording:	

PS3.3 Section A.35.10.3.1.2 for reference (unchanged)

5 A.35.10.3.1.2 Value Type

Value Type (0040,A040) in 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:

10 TEXT
CODE
NUM
DATE
TIME
15 UIDREF
PNAME
SCOORD
SCOORD3D
TCOORD
COMPOSITE
20 IMAGE
CONTAINER

Modify PS3.3 Section A.35.10.3.1.3 as indicated

(changes to existing text are bold and underlined for additions and bold and struckthrough for removals):

25 A.35.10.3.1.3 Relationship Constraints

The Colon CAD SR IOD makes use of by-reference INFERRED FROM and by-reference HAS ACQ CONTEXT relationships. Other relationships by-reference are forbidden. Table A.35.10-2 specifies the relationship constraints of this IOD. See Table C.17.3-8 for Relationship Type definitions.

Table A.35.10-2. Relationship Content Constraints for Colon CAD SR IOD

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Source Value Type	Relationship Type (Enumerated Values)	Target Value Type
CONTAINER	CONTAINS	CODE, NUM, IMAGE, CONTAINER, UIDREF, DATE, TIME
TEXT, CODE, NUM, CONTAINER	HAS OBS CONTEXT	TEXT, CODE, NUM, DATE, TIME, PNAME, UIDREF, COMPOSITE
CONTAINER	HAS OBS CONTEXT	CONTAINER
IMAGE	HAS ACQ CONTEXT	TEXT, CODE, DATE, TIME, NUM, CONTAINER
CONTAINER, CODE, COMPOSITE, NUM	HAS CONCEPT MOD	TEXT, CODE
TEXT, CODE, NUM	HAS PROPERTIES	CONTAINER, TEXT, CODE, NUM, DATE, IMAGE, SCOORD, SCOORD3D, UIDREF
CODE, NUM	INFERRED FROM	CODE, NUM, IMAGE, SCOORD, SCOORD3D, CONTAINER, TEXT
SCOORD	SELECTED FROM	IMAGE
TCOORD	SELECTED FROM	SCOORD, SCOORD3D, IMAGE, WAVEFORM

Note

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