

DICOM Correction Item

Correction Number		CP-1063
Log Summary: Clean up radiation dose reports		
Type of Modification	Name of Standard	
Correction	PS 3.16 2009	
Rationale for Correction		
There are various minor typos and inconsistencies in the radiation dose templates, such as left over editorial instructions and markup, references to the wrong rows in conditions, inconsistent use of "mm" and "millimeter" in unit code meaning, etc. (though this is also inconsistent between templates for other applications), and an inconsistency in the code meaning of Identification of the X-ray Source.		
Sections of documents affected		
PS 3.16		
Correction Wording:		

Amend PS 3.16 templates:

TID 10003
IRRADIATION EVENT X-RAY DATA
Type: Extensible

	NL	Rel with Parent	VT	Concept Name	VM	Req Type	Condition	Value Set Constraint
...
9	>	CONTAINS	CODE	EV (113780, DCM, "Reference Point Definition")	1	U-MC	IF Row 13 or Row 14 is present and Row 8 is not present	DCID (10025) Radiation Dose Reference Points
...
26	>	CONTAINS	CODE	EV (113732, DCM, "Fluoro Mode")	1	UC	IFF Row 3 4 value = (P5-06000, SRT, "Fluoroscopy")	DCID (10004) Fluoro Modes
...
47	>	CONTAINS	NUM	EV (111633, DCM, "Compression Thickness")	1	U		Units = (mm, UCUM, " mm millimeter")
48	>	CONTAINS	NUM	EV (111634, DCM, "Half Value Layer")	1	U		Units = (mm, UCUM, " m millimeter")
...

...

TID 10004
ACCUMULATED PROJECTION X-RAY DOSE
Type: Extensible

	NL	Rel with Parent	VT	Concept Name	VM	Req Type	Condition	Value Set Constraint
...
3			NUM	EV (113726, DCM, "Fluoro Dose Area Product Total")	1	MC	IFF TID(10003) Row 3 4 value = (P5-06000, SRT, "Fluoroscopy") for at least one irradiation event	Units = EV (Gym2, UCUM, "Gym2")
4			NUM	EV (113728, DCM, "Fluoro Dose (RP) Total")	1	MC	IFF TID(10003) Row 3 4 value = (P5-06000, SRT, "Fluoroscopy") for at least one irradiation event AND any of the values of TID (10001) Row 14 are not (113858, DCM, "MPPS Content").	Units = EV (Gy, UCUM, "Gy")
5			NUM	EV (113730, DCM, "Total Fluoro Time")	1	MC	IFF TID(10003) Row 3 4 value = (P5-06000, SRT, "Fluoroscopy") for at least one irradiation event.	Units = EV (s, UCUM, "s")

TID 10013
CT IRRADIATION EVENT DATA
Type: Extensible

	NL	Rel with Parent	VT	Concept Name	VM	Req Type	Condition	Value Set Constraint
...	...							
15	>>>	CONTAINS	TEXT	EV (113832, DCM, "Identification Number of the X-ray Source")	1	M		
...	...							

Content Item Descriptions

...	...
Row 15	Identification Number of the X-ray source. Identifies the particular X-ray source (in a multi-source CT system) for which the set of X-ray source parameter values is reported.
...	...

113832	Identification of the X-ray Source	Identifies the particular X-ray source (in a multi-source CT system) for which the set of X-ray source parameter values is	
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		reported.	
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