

1	Status	Final Text
2	Date of Last Update	2016/05/25
3	Person Assigned	David Clunie
4		mailto:dclunie@dclunie.com
5	Submitter Name	Jörg Riesmeier
6		mailto:mail@jriesmeier.com
7	Submission Date	2015/08/24

8	Correction Number CP-1542	
9	Log Summary: Specify units for positioner angles in image library	
10	Name of Standard	
11	PS3.16 2016b	
12	Rationale for Correction:	
13	Units should be specified.	
14	Correction Wording:	

Amend DICOM PS3.16 as follows:

TID 1603 Image Library Entry Descriptors for Projection Radiography

Table TID 1603. Image Library Entry Descriptors for Projection Radiography

	NL	Rel with Parent	VT	Concept Name	VM	Req Type	Condition	Value Set Constraint
...
5		HAS ACQ CONTEXT	NUM	EV (111026, DCM, "Horizontal Pixel Spacing")	1	U		UNITS = EV (mm, UCUM, "millimeter")
6		HAS ACQ CONTEXT	NUM	EV (111066, DCM, "Vertical Pixel Spacing")	1	U		UNITS = EV (mm, UCUM, "millimeter")
7		HAS ACQ CONTEXT	NUM	EV (112011, DCM, "Positioner Primary Angle")	1	U		<u>UNITS = EV (deg, UCUM, "deg")</u>
8		HAS ACQ CONTEXT	NUM	EV (112012, DCM, "Positioner Secondary Angle")	1	U		<u>UNITS = EV (deg, UCUM, "deg")</u>

TID 3101 Image Acquisition

Table TID 3101. Image Acquisition

	NL	Rel with Parent	VT	Concept Name	VM	Req Type	Condition	Value Set Constraint
...
6	>	HAS ACQ CONTEXT	NUM	EV (112011, DCM, "Positioner Primary Angle")	1	U		UNITS = EV (deg, UCUM, "deg")
7	>	HAS ACQ CONTEXT	NUM	EV (112012, DCM, "Positioner Secondary Angle")	1	U		UNITS = EV (deg, UCUM, "deg")
...

TID 4020 CAD Image Library Entry

Table TID 4020. CAD Image Library Entry

	NL	Rel with Parent	VT	Concept Name	VM	Req Type	Condition	Value Set Constraint
...
13	>	HAS ACQ CONTEXT	NUM	EV (112011, DCM, "Positioner Primary Angle")	1	UC	May be present if (0018,1510) is in the Image Instance	<u>UNITS = EV (deg, UCUM, "deg")</u>
14	>	HAS ACQ CONTEXT	NUM	EV (112012, DCM, "Positioner Secondary Angle")	1	UC	May be present if (0018,1511) is in the Image Instance	<u>UNITS = EV (deg, UCUM, "deg")</u>
...

TID 10003C Irradiation Event X-Ray Mechanical Data

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Table TID 10003C. Irradiation Event X-Ray Mechanical Data

	NL	Rel with Parent	VT	Concept Name	VM	Req Type	Condition	Value Set Constraint
1			CODE	EV (113956, DCM, "CR/DR Mechanical Configuration")	1	U		D???
2			NUM	EV (112011, DCM, "Positioner Primary Angle")	1	UC	XOR Row 6	UNITS = EV (deg, UCUM, "deg")
3			NUM	EV (112012, DCM, "Positioner Secondary Angle")	1	UC	XOR Row 6	UNITS = EV (deg, UCUM, "deg")
4			NUM	EV (113739, DCM, "Positioner Primary End Angle")	1	UC	IFF TID (10003) Row 7 value = (113613, DCM, "Rotational Acquisition")	UNITS = EV (deg, UCUM, "deg")
5			NUM	EV (113740, DCM, "Positioner Secondary End Angle")	1	UC	IFF TID (10003) Row 7 value = (113613, DCM, "Rotational Acquisition")	UNITS = EV (deg, UCUM, "deg")
6			NUM	EV (113770, DCM, "Column Angulation")	1	UC	XOR Rows 2, 3	UNITS = EV (deg, UCUM, "deg")
7			NUM	EV (113754, DCM, "Table Head Tilt Angle")	1	U		UNITS = EV (deg, UCUM, "deg")
8			NUM	EV (113755, DCM, "Table Horizontal Rotation Angle")	1	U		UNITS = EV (deg, UCUM, "deg")
9			NUM	EV (113756, DCM, "Table Cradle Tilt Angle")	1	U		UNITS = EV (deg, UCUM, "deg")
10			NUM	EV (111633, DCM, "Compression Thickness")	1	U		UNITS = EV (mm, UCUM, "mm")
...