

## DICOM Correction Item

Correction Number		CP-279
Log Summary: Correction of VR for Column Angulation		
Type of Modification	Name of Standard	
Correction	PS 3.3 2001	
Rationale for Correction		
<p>Part 6 defines Column Angulation (0018,1450) to have a VR of CS.</p> <p>Part 3 references this attribute from the XRF Positioner Module with the description: Angle of the X-Ray beam in degree relative to an orthogonal axis to the detector plane. Positive values indicate that the tilt is towards the head of the table. Note: The detector plane is assumed to be parallel to the table plane.</p> <p>Part 3 references this attribute from the DX Positioning Module with the description: Angle of the X-Ray beam in degree relative to an orthogonal axis to the detector plane. Positive values indicate that the tilt is toward the head of the table. Note: The detector plane is assumed to be parallel to the table plane. Only meaningful if Positioner Type (0018,1508) is COLUMN.</p> <p>Both descriptions indicate a numeric context where positive and negative values are possible. The VR of CS is clearly incorrect for a numeric value. CS does not permit use of a sign character ("-") to encode tilt towards the foot of the table. CS does not permit use of a decimal point character (".") to encode fractional degrees.</p> <p>Part 6 should be corrected so that Column Angulation (0018,1450) has a VR of DS.</p>		
Sections of documents affected		
PS 3.6, Section 6		
Correction Wording:		

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**Item 1: Correct the following lines in Section 6 of PS 3.6**

Tag	Name	VR	VM
...			
(0018,1450)	Column Angulation	<del>ESDS</del>	1
...			

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