

DICOM Correction Item

Correction Number		CP-819
Log Summary: Frame Type attribute missing in Enhanced XA/XRF		
Type of Modification	Name of Standard	
Correction	PS 3.3 – 2008	
Rationale for Correction		
<p>The Frame Type attribute is used as condition for a number of attributes of the (common) Frame Content Functional Group (e.g., Frame Reference Time).</p> <p>The XA/XRF SOP Class do not have such an attribute. The proposal is to add this to the XA/XRF Frame Pixel Data Properties Functional Group.</p>		
Sections of documents affected		
PS C.8.19.6.4		
Correction Wording:		

C.8.19.6.4 XA/XRF Frame Pixel Data Properties Macro

Table C.8.19.6-4 specifies the attributes of the Frame Pixel Data Properties Functional Group macro.

**Table C.8.19.6-4
 XA/XRF FRAME PIXEL DATA PROPERTIES MACRO ATTRIBUTES**

Attribute Name	Tag	Type	Attribute Description
Frame Pixel Data Properties Sequence	(0028,9443)	1	Sequence containing the pixel data properties for this frame. Only a single Item shall be permitted in this sequence.
>Frame Type	(0008,9007)	1	Type of Frame. A multi-valued attribute analogous to the Image Type (0008,0008). Enumerated Values and Defined Terms are the same as those for the values of the Image Type (0008,0008) attribute. See C.8.19.2.1.1.
>Pixel Intensity Relationship	(0028,1040)	1	The relationship between the Pixel and the X-Ray beam intensity. See C.8.19.6.4.1.
>Pixel Intensity Relationship Sign	(0028,1041)	1	The sign of the relationship between the Pixel sample values stored in Pixel Data (7FE0,0010) and the X-Ray beam intensity. Enumerated Values:

			<p>1 = Lower pixel values correspond to less X-Ray beam intensity</p> <p>-1 = Higher pixel values correspond to less X-Ray beam intensity</p> <p>See C.8.11.3.1.2 for further explanation.</p>
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