

DICOM Correction Item

Correction Number		CP-742
Log Summary: Clarification of Slice Location attributes		
Type of Modification	Name of Standard	
Clarification	PS 3.3 - 2007	
Rationale for Correction		
<p>The Multi-frame SC attribute Slice Location Vector has an incomplete description. Compared with the other attributes it is not stated that an array position is intended.</p> <p>Furthermore, "exposure" in the description is not applicable for non X-ray modalities. Proposed to replace it with "image plane".</p>		
Sections of documents affected		
PS 3.3 C.7.6.2 and C.8.6.4		
Correction Wording:		

**C.7.6.2 Image Plane Module**

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**Table C.7-10  
 IMAGE PLANE MODULE ATTRIBUTES**

Attribute Name	Tag	Type	Attribute Description
...			
Slice Location	(0020,1041)	3	Relative position of <del>exposure</del> <u>the image plane</u> expressed in mm. C.7.6.2.1.2 for further explanation.

...

**C.7.6.2.1.2 Slice Location**

The Slice Location (0020,1041) is defined as the relative position of ~~exposure~~the image plane expressed in mm. This information is relative to an unspecified implementation specific reference point.

**C.8.4.15 NM Reconstruction Module**

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**Table C.8-15  
 NM RECONSTRUCTION MODULE ATTRIBUTES**

Attribute Name	Tag	Type	Attribute Description
...			
Slice Location	(0020,1041)	3	Relative position of <b>exposureimage plane</b> expressed in mm. See C.7.6.2.1.2 for further explanation.
...			

**C.8.6.4 SC Multi-frame Vector Module**

Table C.8-25c contains IOD Attributes that may be the target of the Frame Increment Pointer (0028,0009) for SC Multi-frame images.

**Table C.8-25c  
 SC MULTI-FRAME VECTOR MODULE ATTRIBUTES**

Attribute Name	Tag	Type	Attribute Description
...			
Slice Location Vector	(0018,2005)	1C	<b><u>An array that contains, for each of the image frames, the relative position of the exposure image plane</u></b> expressed in mm, as defined for Slice Location (0020,1041). See C.7.6.2.1.2 for further explanation.  Required if Frame Increment Pointer (0028,0009) points to Slice Location Vector (0018,2005).
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