

DICOM Correction Proposal Form

Correction Number		CP-878
Log Summary: Various correction and additions X-Ray 3D IOD		
Type of Modification	Name of Standard	
Corrections	PS 3.3 – 2008	
Rationale for Correction		
A number of table references are corrected and a explanatory note is added to X-Ray 3D IOD table.		
Sections of documents affected		
PS 3.3 C.8.21.3, C.8.21.3.2 and C.8.21.3.3		
Correction Wording:		

C.8.21.3 X-Ray 3D Acquisition Modules

This section describes the X-Ray 3D Acquisition Modules and Macros to specify the acquisition context information used as input for one or more reconstructions. The Macros in this section define the attributes that are common for all modalities. The Macros are used in the modality specific Modules.

The attributes of each item in the X-Ray 3D Acquisition Sequence (0018,9507) define the acquisition characteristics of the projection images that were used to create one or more reconstructions.

- Notes:
1. The intention of this sequence is to supply acquisition information without the need to have access to all the contributing SOP Instances or when these SOP Instances do not exist.
 2. The number of frames referenced in this sequence is not necessarily the same as the number of projection images.

C.8.21.3.2 X-Ray 3D Angiographic Acquisition Module

This section describes the X-Ray 3D Angiographic Acquisition Module.

**Table C.8.21.3.2-1
 X-RAY 3D ANGIOGRAPHIC ACQUISITION MODULE ATTRIBUTES**

Attribute Name	Tag	Type	Attribute Description
X-Ray 3D Acquisition Sequence	(0018,9507)	1	Each item represents an acquisition context related to one or more reconstructions. The values of the Acquisition Index (0020,9518) attribute may be used as index to Items in this sequence. One or more Items may be present.
...			
>Per Projection Acquisition Sequence	(0018,9538)	1C	Sequence containing detailed acquisition

			<p>context of each individual projection used in this acquisition context.</p> <p>ZeroOne or more items may be present.</p> <p>Required if present and consistent in the contributing SOP Instances.</p>
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C.8.21.3.3 X-Ray 3D Craniofacial Acquisition Module

This section describes the X-Ray 3D Craniofacial Acquisition Module.

**Table C.8.21.3.3-1
 X-RAY 3D CRANIOFACIAL ACQUISITION MODULE ATTRIBUTES**

Attribute Name	Tag	Type	Attribute Description
X-Ray 3D Acquisition Sequence	(0018,9507)	1	<p>Each item represents a acquisition context related to a set of frames of SOP Instance defined by this IOD,</p> <p>The values of the Acquisition Index (0020,9518) attribute may be used as index to Items in this sequence.</p> <p>One or more Items may be present.</p>
...			
>Per Projection Acquisition Sequence	(0018,9538)	1C	<p>Sequence containing detailed acquisition context of each individual projection used in this acquisition context.</p> <p>ZeroOne or more items may be present.</p> <p>Required if present and consistent in the contributing SOP Instances.</p>

C.8.21.5.1 X-Ray 3D Frame Type Macro

Table C.8.21.5.1-1 specifies the attributes of the X-Ray 3D Frame Type Functional Group macro.

**Table C.8.21.5.1-1
 X-RAY 3D FRAME TYPE MACRO ATTRIBUTES**

Attribute Name	Tag	Type	Attribute Description
X-Ray 3D Frame Type Sequence	(0018,9504)	1	<p>A sequence that describes general characteristics of this frame.</p> <p>Only a single Item shall be permitted in this sequence.</p>
>Frame Type	(0008,9007)	1	<p>Type of Frame. A multi-valued attribute analogous to the Image Type (0008,0008).</p> <p>Enumerated Values and Defined Terms are the same as those for the four values of the Image Type (0008,0008) attribute, except that the value MIXED is not allowed. See C.8.16.1 and C.8.13.3.1.4C.8.21.1.1.1.</p>

<i>>Include Common CT/MR Image Description Macro' Table C.8-131</i>	
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