

DICOM Correction Proposal Form

Correction Number CP 193	
Log Summary: Partial View Attributes for Digital Mammography IOD	
Type of Modification Addition	Name of Standard PS 3.3 and 3.6
Rationale for Correction The Digital Mammography IOD does not provide a way to indicate whether an image is a partial view. This occurs when multiple images are required to capture a single view, when the breast is larger than the active area of the detector.	
Sections of documents affected In PS 3.3, C.7.6.1 in Table C.7-7, C.8.X.7 in Table C.8-N In PS 3.6, Section 6, add new attributes to the Data Dictionary	
Correction Wording:	

Amend PS 3.3, as follows:

C.7.6.1 General Image Module

Table C.7-7 specifies the Attributes which identify and describe an image within a particular series.

Table C.7-7
 GENERAL IMAGE MODULE ATTRIBUTES

Attribute Name	Tag	Type	Attribute Description
...
Referenced Image Sequence	(0008,1140)	3	A sequence which provides reference to a set of Image SOP Class/Instance identifying other images significantly related to this image (e.g. post-localizer CT image or Mammographic biopsy or partial view images) Encoded as sequence of items: (0008,1150) and (0008,1155)
>Referenced SOP Class UID	(0008,1150)	1C	Uniquely identifies the referenced SOP Class. Required if Referenced Image Sequence (0008,1140) is sent.
>Referenced SOP Instance UID	(0008,1155)	1C	Uniquely identifies the referenced SOP Instance. Required if Reference d Image Sequence (0008,1140) is sent.
...

C.8.11.7 Mammography Image Module

Table C.8-70 contains IOD Attributes that describe a Digital Mammography X-Ray Image including its acquisition and positioning.

Table C.8-70
 MAMMOGRAPHY IMAGE MODULE ATTRIBUTES

Attribute Name	Tag	Type	Attribute Description
...
Implant Present	(0028,1300)	3	Whether or not an implant is present. Enumerated Values: YES NO

<u>Partial View</u>	(0028,1350)	3	<p><u>Indicates whether this image is a partial view, that is a subset of a single view of the breast.</u> <u>Enumerated Values: YES, NO</u> <u>If this Attribute is absent, then the image may or may not be a partial view.</u></p> <p><u>Note: This may occur when a breast is larger than the active area of the detector.</u></p>
<u>Partial View Description</u>	(0028,1351)	3	<u>Free text description of the portion of the breast captured in a partial view image.</u>
...	

Amend PS 3.6, Section 6 as follows:

Tag	Name	VR	VM
(0028,1350)	Partial View	CS	1
(0028,1351)	Partial View Description	ST	1