

## DICOM Correction Proposal Form

Tracking Information - Administration Use Only	
Correction Proposal Number	CP 192
STATUS	Assigned
Date of Last Update	2000/03/16
Person Assigned	David Clunie <a href="mailto:dclunie@idt.net">dclunie@idt.net</a>
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Submission date	

Correction Number	CP 192
Log Summary: Add Rejected Image Attributes to Digital Mammography IOD	
Type of Modification	Name of Standard
Clarification	PS 3.3 and 3.6
Rationale for Correction 1The Digital Mammography IOD does not provide a way to indicate whether an image has been rejected, or is a replacement image. New attributes are being proposed to the DX Image Module, for the benefit of all DX image objects. An alternate location for these attributes is the Mammography Image Module.	
Sections of documents affected In PS 3.3, C.8.X.3 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.8.X.3 DX Image Module**

Table C.8-N contains IOD Attributes that describe a DX Image by specializing Attributes of the General Image and Image Pixel Modules, and adding additional Attributes.

**Table C.8-N  
 DX IMAGE MODULE ATTRIBUTES**

Attribute Name	Tag	Type	Attribute Description
...	...	...	...
Burned In Annotation	(0028,0301)	1	Indicates whether or image contains sufficient burned in annotation to identify the patient and date the image was acquired.  Enumerated Values: YES NO
<u>Rejected Image</u>	<u>(0028,13xx)</u>	<u>3</u>	<u>Indicates whether this image has been rejected.</u>  <u>Enumerated Values: YES, NO</u>  <u>If this Attribute is absent, then the image may or may not be a rejected image.</u>
<u>Rejected Image Explanation</u>	<u>(0028,13xx)</u>	<u>3</u>	<u>Indicates the reason for image rejection.</u>  <u>Enumerated Values:</u> <u>POSITIONING,</u> <u>PATIENT MOTION,</u> <u>UNDER EXPOSED,</u> <u>OVER EXPOSED,</u> <u>NO IMAGE,</u> <u>ARTIFACTS,</u> <u>DOUBLE EXPOSURE,</u> <u>MECHANICAL,</u> <u>SOFTWARE FAILURE,</u> <u>IMAGE PROCESSING,</u> <u>OTHER,</u> <u>UNKNOWN</u>
<u>Rejected Image Description</u>	<u>(0028,13xx)</u>	<u>3</u>	<u>Free text description of the reason for image rejection.</u>

<b><u>Replacement Image</u></b>	<b><u>(0028,13xx)</u></b>	<b><u>3</u></b>	<b><u>Indicates whether this image is a replacement image, intended to replace one or more rejected images.</u></b> <b><u>Enumerated Values: YES, NO</u></b> <b><u>If this Attribute is absent, then the image may or may not be a replacement image.</u></b>
<b><u>Replaced Image Sequence</u></b>	<b><u>(0028,13xx)</u></b>	<b><u>3</u></b>	<b><u>A sequence that provides reference to a set of Image SOP Class/Instance, identifying images replaced by this image. One or more items may be present.</u></b>
<b><u>&gt;Referenced SOP Class UID</u></b>	<b><u>(0008,1150)</u></b>	<b><u>1C</u></b>	<b><u>Uniquely identifies the referenced SOP Class. Required if Replaced Image Sequence (0028,13xx) is sent.</u></b>
<b><u>&gt;Referenced SOP Instance UID</u></b>	<b><u>(0008,1155)</u></b>	<b><u>1C</u></b>	<b><u>Uniquely identifies the referenced SOP Instance. Required if Replaced Image Sequence (0028,13xx) is sent.</u></b>
...	...	...	...

*Amend PS 3.6, Section 6 as follows:*

<b>Tag</b>	<b>Name</b>	<b>VR</b>	<b>VM</b>
(0028,13xx)	Rejected Image	CS	1
(0028,13xx)	Rejected Image Explanation	CS	1
(0028,13xx)	Rejected Image Description	ST	1
(0028,13xx)	Replacement Image	CS	1
(0028,13xx)	Replaced Image Sequence	SQ	1