

DICOM Correction Proposal

STATUS	Final Text
Date of Last Update	2013/04/03
Person Assigned	Bas Revet (bas.revet@philips.com)
Submitter Name	WG-02, Heinz Blendinger (heinz.blendinger@siemens.com)
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Correction Number	CP- 1254
Log Summary: Correct Definition of Irradiation Duration	
Name of Standard PS 16 2011	
Rationale for Correction: The WG-02, while reviewing the IEC Standard on Dose SR contents, found that the definition found by IEC is better fitting the meaning of "Irradiation Duration" than the current definition in Part 16 of the Standard (which was derived from the PAS, which will become obsolete by the new IEC Standard.) The current mentioning of a "50% threshold" is in contradiction to other IEC Standards and should be avoided since it was not the intention to create a new requirement for ME equipment.	
Correction Wording:	

Change definition in Annex D of Part 16

Annex D DICOM Controlled Terminology Definitions (Normative)

This Annex specifies the meanings of codes defined in DICOM, either explicitly or by reference to another part of DICOM or an external reference document or standard.

DICOM Code Definitions (Coding Scheme Designator "DCM" Coding Scheme Version "01")

Code Value	Code Meaning	Definition	Notes
113742	Irradiation Duration	<p>Clock time from the start of the first irradiation in the irradiation event until the end of the last irradiation loading time of the first pulse until the loading time trailing edge of the final pulse in the same irradiation event. For continuous modes this the time the irradiation intensity is above a 50% threshold with respect to the maximum intensity achieved during an irradiation event.</p> <p>Note: Loading time is defined in</p>	

		<u>IEC 60601-1-3:2008, 3.37, and described in IEC 60601- 2-54:2009, 203.4.101.3.</u>	