

DICOM Correction Item

Correction Number	CP- 925
Log Summary: Addition of Ophthalmology Modality code	
Type of Modification	PS 3.3 – 2008
Addition	
Rationale for Correction: <p>This is a proposal to add an ophthalmic modality code to the DICOM standard, prior to the introduction of an IOD for the respective modality. This proposal came out of the IHE Eye Care webinar held June 24, 2008. Previously, DICOM WG9 (Ophthalmology) had identified and categorized remaining ophthalmic modalities for which new IODs need to be developed. E.g. in Supplement 130, a number of new SOP Classes and Modality codes were introduced.</p> <p>The IHE Eye Care Scheduled Workflow integration profile uses Encapsulated PDF objects for not-yet-supported modalities. The IHE Eye Care effort will later shepherd the conversion to the new ophthalmic IODs as they are approved in DICOM, to replace these interim solutions. This strategy is used even for those modalities for which DICOM work items are currently in progress (e.g. Ophthalmic Axial Measurements), simply for scheduling reasons.</p> <p>So already today, ophthalmic axial measurements devices use EPDF to store reports. In absence of a more specific code these devices have to use the unspecific OT (“other”) as modality code.</p> <p>There are two principal advantages to adding the ophthalmic modality code, rather than relying on OT (“other”):</p> <ol style="list-style-type: none">1. Improved support for broad queries in the Modality Worklist service. This will allow worklist queries in an ophthalmic setting to return just those items scheduled for the selected modality.2. More specific classification of the image objects created by the modalities. This will allow for more specific and efficient query / retrieve operations, and enhanced display of images by ophthalmic display solutions (for example grouping images more appropriately in a tiled or tabbed display).	
Sections of documents affected PS 3.3 Section C.7.3.1.1.1 PS 3.16 CID 29 & Annex D	
Correction Wording:	

Add modality to Defined Terms table

C.7.3.1.1.1 Modality

Defined Terms for the Modality (0008,0060) are:

OAM = Ophthalmic Axial Measurements

Add modality to Acquisition Modality Context table

Context ID 29
Acquisition Modality
Type: Extensible Version: 20071016

Coding Scheme Designator	Code Value	Code Meaning
...
<u>DCM</u>	<u>OAM</u>	<u>Ophthalmic Axial Measurements</u>

Add modality definition to Annex D table

Code Value	Code Meaning	Definition	Notes
<u>OAM</u>	<u>Ophthalmic Axial Measurements</u>	<u>Measurements of the axial length of the eye which are done by various devices</u>	