

DICOM Correction Item

Correction Number	CP-71																				
Log Summary: Modality at the study level																					
Type of Modification Minor Extension	Name of Standard PS 3.3 - 1993, PS 3.4 - 1993, PS 3.6 - 1993																				
<p>Rationale for Correction:</p> <p>In the current 3 query models of the Query/Retrieve Service Class, study level queries do not support the use of modalities as a key or return attribute related to each study. In the current standard, the modality information is defined at the series level, therefore the query SCU has to query all series of a study to identify the modalities present in this study.</p> <p>Modality is a prime attribute used to select relevant studies for a given patient. To practically address this key user need, this proposal is to introduce modality as an optional query and return key attribute in the query models and in the normalized study object.</p> <p>It is proposed to create a new "Modalities in Study" Attribute (0008,0061), make it multivalued to allow for the case where multiple modalities are present in different series.</p>																					
<p>Sections of document affected:</p> <ol style="list-style-type: none"> 1. PS3.4, Table C.6.2 - Study level keys for the patient root query/retrieve information model, and Table C.6.5 Study Level keys for the study root query/retrieve information model. 2. PS3.3, Table C.4-5 - Study acquisition module attributes 3. PS3.6, Section 6 Registry of DICOM Data Elements 																					
<p>Correction Wording:</p> <p>1. PS3.4, Table C.6.2 - Study level keys for the patient root query/retrieve information model, and Table C.6.5 Study Level keys for the study root query/retrieve information model.</p> <p>Add one line to each table:</p> <table style="margin-left: 40px;"> <thead> <tr> <th style="text-align: left;">Description</th> <th style="text-align: left;">Tag</th> <th style="text-align: left;">Type</th> </tr> </thead> <tbody> <tr> <td>Modalities in Study</td> <td>(0008,0061)</td> <td>O</td> </tr> </tbody> </table> <p>2. PS3.3, Table C.4-5 - Study acquisition module attributes</p> <p>Add one line in the table:</p> <table style="margin-left: 40px;"> <thead> <tr> <th style="text-align: left;">Attribute Name</th> <th style="text-align: left;">Tag</th> <th style="text-align: left;">Attribute Description</th> </tr> </thead> <tbody> <tr> <td>Modalities in Study</td> <td>(0008,0061)</td> <td>This attribute may take one or more of the values defined for Modality (0008,0060).</td> </tr> </tbody> </table> <p>3. PS3.6, Section 6 Registry of DICOM Data Elements</p> <p>Add the following entry:</p> <table style="margin-left: 40px;"> <thead> <tr> <th style="text-align: left;">Tag</th> <th style="text-align: left;">Name</th> <th style="text-align: left;">VR</th> <th style="text-align: left;">VM</th> </tr> </thead> <tbody> <tr> <td>(0008,0061)</td> <td>Modalities in Study</td> <td>CS</td> <td>1-n</td> </tr> </tbody> </table>		Description	Tag	Type	Modalities in Study	(0008,0061)	O	Attribute Name	Tag	Attribute Description	Modalities in Study	(0008,0061)	This attribute may take one or more of the values defined for Modality (0008,0060).	Tag	Name	VR	VM	(0008,0061)	Modalities in Study	CS	1-n
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