

DICOM Correction Item

Correction Number		CP-135									
Log Summary: Add Compensator Type to RT Plan object											
Type of Modification: Extension	Name of Standard PS 3.3-1999 PS 3.6-1999										
<p>Rationale for Correction:</p> <p>The RT Plan object does not provide a mechanism to identify whether treatment compensators are implemented as standard (fixed) compensators, or implemented dynamically using collimator leaves or jaws.</p> <p>This proposal introduces an optional attribute to convey this information.</p>											
<p>Sections of document affected:</p> <p>DICOM 1999 Part 3 (Information Object Definitions), Section C.8.8.14 (RT Beams Module) DICOM 1999 Part 6 (Data Dictionary)</p>											
<p>Correction Wording:</p> <p>In DICOM 1999 Part 3, Table C.8.8.14-1 (RT Beams Module), the following new attribute should be added immediately following the Compensator Number (300A,00E4) attribute:</p> <table style="width: 100%; border: none;"> <tr> <td style="width: 25%;">Compensator Type</td> <td style="width: 15%;">(300A,00EE)</td> <td style="width: 5%;">3</td> <td style="width: 55%;">Type of compensator (if any). Defined Terms: STANDARD = physical (static) compensator DYNAMIC = moving Beam Limiting Device (collimator) simulating physical compensator</td> </tr> </table> <p>In DICOM 1999 Part 6 (Data Dictionary), a new attribute should be added:</p> <table style="width: 100%; border: none;"> <tr> <td style="width: 25%;">(300A,00EE)</td> <td style="width: 35%;">Compensator Type</td> <td style="width: 10%;">CS</td> <td style="width: 30%;">1</td> </tr> </table>				Compensator Type	(300A,00EE)	3	Type of compensator (if any). Defined Terms: STANDARD = physical (static) compensator DYNAMIC = moving Beam Limiting Device (collimator) simulating physical compensator	(300A,00EE)	Compensator Type	CS	1
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