

## DICOM Correction Item

Correction Number CP-717	
Log Summary: RT Clarification of Compensator Rows and Columns	
Type of Modification Clarification	Name of Standard PS 3.3 2007
Rationale for Correction:  The attribute description for a compensator could cause possible confusion about interpretation of the meaning of the attributes. This proposal modifies the attribute description by adding a sentence to each attribute to define the orientation of rows and columns.	
Sections of documents affected  PS 3.3, Section C.8.8.14 and Section C.8.8.25	
Correction Wording:	

*In PS 3.3, Section C.8.8.14 RT Beams Module, Table C.8-50 RT Beams Module Attributes, add the following:*

Attribute Name	Tag	Type	Attribute Description
Beam Sequence	(300A,00B0)	1	Introduces sequence of treatment beams for current RT Plan. One or more items may be included in this sequence.
...			
>Compensator Sequence	(300A,00E3)	1C	Introduces sequence of treatment compensators. Required if Number of Compensators (300A,00E0) is non-zero. One or more items may be included in this sequence.
...			
>>Compensator Rows	(300A,00E7)	1C	Number of rows in the compensator. <b><u>A row is defined to be in the X direction of the IEC Beam Limiting Device Coordinate system.</u></b> Required if Compensator Sequence (300A,00E3) is sent.
>>Compensator Columns	(300A,00E8)	1C	Number of columns in the compensator. <b><u>A column is defined to be in the Y direction of the IEC Beam Limiting Device Coordinate system.</u></b> Required if Compensator Sequence (300A,00E3) is sent.

*In PS 3.3, Section C.8.8.25 RT Ion Beams Module, Table C.8.8.25-1 RT Ion Beams Module Attributes, add the following:*

Attribute Name	Tag	Type	Attribute Description
Ion Beam Sequence	(300A,03A2)	1	Introduces sequence of setup and/or treatment beams for current RT Ion Plan. One or more items may be included in this sequence.
...			
>Ion Range Compensator Sequence	(300A,02EA)	1C	Introduces sequence of treatment compensators. Required if Number of Compensators (300A,00E0) is non-zero. The number of items shall be identical to the value of Number of Compensators (300A,00E0).
...			
>>Compensator Rows	(300A,00E7)	1	Number of rows in the compensator. <b><u>A row is defined to be in the X direction of the IEC Beam Limiting Device Coordinate system.</u></b>
>>Compensator Columns	(300A,00E8)	1	Number of columns in the compensator. <b><u>A column is defined to be in the Y direction of the IEC Beam Limiting Device Coordinate system.</u></b>