DICOM Correction Item

Correction Number	CP-220
Log Summary: Clarification of Beam Type attribute in RT Plan and RT Beams Treatment Record	
Type of Modification: Clarification	Name of Standard PS 3.3-2000

Rationale for Correction:

Within the RT Beams Module of the RT Plan IOD, the Beam Type (300A,00C4) attribute is intended to indicate to the interpreting application whether the beam is “static” or “dynamic”. The definitions of these widely-used terms is open to interpretation, and this Change Proposal seeks to clarify this.

Sections of document affected:

Part 3 (Information Object Definitions), Section C.8.8.14 (RT Beams Module) and Section C.8.8.21 (RT Beams Session Record Module).

Correction Wording:

In Part 3, Table C.8-46 (RT Beams Module Attributes) and Table C.8-53 (RT Beams Session Module Attributes), change the attribute description to read the following:

>Beam Type	(300A,00C4)	1	Motion characteristic of Beam. See Note 1. Enumerated Values: STATIC = ~~all beam parameters remain unchanged during delivery~~ **All Control Point Sequence (300A,0111) attributes remain unchanged between consecutive pairs of control points with changing Cumulative Meterset Weight (300A,0134).** DYNAMIC = ~~one or more beam parameters changes during delivery~~ **One or more Control Point Sequence (300A,0111) attributes change between one or more consecutive pairs of control points with changing Cumulative Meterset Weight (300A,0134).**

In Part 3, Section C.8.8.14 (RT Beams Module), add the following note as Note 1, and renumber all other section notes and references accordingly: Add the same note to Section C.8.8.21 (RT Beams Session Record Module) after Table C.8-53.

Notes 1. **Refer to C.8.8.14.5 for examples of STATIC and DYNAMIC Beam Type. Note that beams having Wedge Type = DYNAMIC as the only moving parameter are not be considered DYNAMIC according to the definition of Beam Type (300A,00C4).**