

DICOM Correction Proposal Form

Tracking Information - Administration Use Only	
Correction Proposal Number	CP-170
Status	New
Date of Last Update	<u>18 May</u> 1999
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Submission date	25 March 1999

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Log Summary: Clarify use of Beam Number, Beam Label, and Beam Name attributes for Record and Verify systems.	
Type of Modification: Clarification	Name of Standard PS 3.3-1998
Rationale for Correction: The RT Plan object provides the attribute Beam Number (300A,00C0) to associate attributes for the same beam that are found in different modules. The attributes Beam Name (300A,00C2) and Beam Description (300A,00C3) are intended to be used by applications to identify the beam using real-world names and descriptions. <u>Radiotherapy equipment Record and Verify systems</u> typically manages two real-world identifiers, <u>a beam identifier (also known as a "Field ID") and a text beam name or description (also known as a "Field Name")</u> . The intended mapping of these identifiers to the DICOM attributes should be stated explicitly <u>in the standard</u> .	
Sections of document affected: PS 3.3-1998 (Information Object Definitions), Section C.8.8.14 (RT Beams Module)	
Correction Wording: In DICOM PS 3.3-1998, Section C.8.8.14 (RT Beams Module), add the following note as Note 1 immediately following the Table C.8-46. Renumber the existing notes and update the references in the Table C.8-46. Notes: 1. <u>Beam Number (300A,00C0) is provided to link related information across modules, and its value should not be required to have any real-world interpretation.</u> Beam Name (300A, 00C2), a Type 3 attribute, is intended to store the primary beam identifier <u>(also known as "Field ID" on many systems).</u> Beam Description (300A,00C3), a Type 3 attribute, is intended to store additional beam identifying information <u>(such as data known as "Field Name" on many systems).</u> Equipment requiring that both these attributes be present should state this clearly in the Conformance Statement. Beam Number (300A,00C0) is used to link related information across modules, and its value should not be required to have a real world interpretation.	