

DICOM Correction Item

Correction Number CP-615	
Log Summary: Treatment Delivery Type	
Type of Modification	Name of Standard
Addition of Defined Terms	PS 3 2006
<p>Rationale for Correction:</p> <p>It is becoming more common for Patient Position Verification (PPV) to be performed prior to treatment. In many cases, PPV involves the acquisition of one or more images and the evaluation of those images to determine patient position correctness. Most of the time, the geometry at which a PPV image is acquired is not the same geometry from which the patient will be treated. Therefore, a new enumeration is proposed for the Treatment Delivery Type attribute to identify those beams in an RT Plan that are intended for PPV and not for treatment.</p>	
<p>Sections of documents affected</p> <p>PS 3.3 C.8.8.14 (RT Beams Module)</p> <p>PS 3.3 C.8.8.21 (RT Beams Session Record Module)</p>	
Correction Wording:	

Item #1: In part 3.3, section C.8.8.14, table C8-50, add the new defined terms (in bold underline) to the Treatment Delivery Type (300A,00CE) attribute:

Attribute Name	Tag	Type	Attribute Description
Treatment Delivery Type	(300A,00CE)	3	Delivery Type of treatment. Defined Terms: TREATMENT = normal patient treatment OPEN_PORTFILM = portal image acquisition with open field TRMT_PORTFILM = portal image acquisition with treatment port CONTINUATION = continuation of interrupted treatment <u>SETUP = no treatment beam is applied for this RT Beam. To be used for specifying the gantry, couch, and other machine positions where X-ray set-up images or measurements are to be taken.</u>

Item #2: In part 3.3, section C.8.8.21, table C8-57, add the new defined terms (in bold underline) to the Treatment Delivery Type (300A,00CE) attribute:

Attribute Name	Tag	Type	Attribute Description
Treatment Delivery Type	(300A,00CE)	3	Delivery Type of treatment. Defined Terms: TREATMENT = normal patient treatment OPEN_PORTFILM = portal image acquisition with open field TRMT_PORTFILM = portal image acquisition with treatment port CONTINUATION = continuation of interrupted treatment <u>SETUP = no treatment beam is applied for this RT Beam. To be used for specifying the gantry, couch, and other machine positions where X-ray set-up images or measurements are to be taken.</u>