

## DICOM Correction Item

Correction Number CP-1007	
Log Summary: Beam Record Type	
Type of Modification Addition	Name of Standard PS 3 2009
<p>Rationale for Correction:</p> <p>Quality Assurance for an RT Plan is often done using the actual delivery plan rather than with a specific verification plan. Such specific QA Plans are marked with Plan Intent 'VERIFICATION' and their associated treatment records can be identified as being used for verification by reading the associated plan. But in the case of patient treatment plans, the associated treatment records created in the course of plan QA cannot be differentiated from treatment records for actual patient delivery.</p> <p>This change proposal adds a new Defined Term to the tag Treatment Delivery Type (300A,00CE) to allow the treatment delivery device to indicate that a delivery was for VERIFICATION purposes rather than for patient treatment.</p>	
<p>Sections of documents affected</p> <p>PS 3.3, PS 3.6</p>	
Correction Wording:	

*In PS 3.3, Section C.8.8.21 (RT Beams Session Record Module), Table C.8-57, add the following Defined Term to Treatment DeliveryType (300A,00CE):*

Attribute Name	Tag	Type	Attribute Description
Treatment Session Beam Sequence	(3008,0020)	1	Introduces sequence of Beams administered during treatment session. The sequence may contain one or more items.
>Treatment Delivery Type	(300A,00CE)	2	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 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 <b><u>VERIFICATION = Treatment used for Quality Assurance rather than patient treatment</u></b>

*In PS 3.3, Section C.8.8.26 (RT Ion Beams Session Record Module), Table C.8.8.26-1, add the following Defined Term to Treatment DeliveryType (300A,00CE):*

Attribute Name	Tag	Type	Attribute Description
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Attribute Name	Tag	Type	Attribute Description
Treatment Session Ion Beam Sequence	(3008,0021)	1	Introduces sequence of setup and/or treatment beams administered during treatment session. One or more items shall be included in this sequence.
>Treatment Delivery Type	(300A,00CE)	1	<p>Delivery Type of treatment.</p> <p>Defined Terms:</p> <p>TREATMENT = normal patient treatment</p> <p>OPEN_PORTFILM = portal image acquisition with open field (the source of radiation is specified by Radiation Type (300A,00C6))</p> <p>TRMT_PORTFILM = portal image acquisition with treatment port (the source of radiation is specified by Radiation Type (300A,00C6))</p> <p>CONTINUATION = continuation of interrupted treatment</p> <p>SETUP = no treatment beam was 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 were taken.</p> <p><b><u>VERIFICATION = Treatment used for Quality Assurance rather than patient treatment</u></b></p>