

DICOM Correction Proposal

STATUS	Final Text
Date of Last Update	2013/06/13
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Correction Number	CP-1277
Log Summary:	Correction of Intraoperative Applicator Type In Ion Beam
Name of Standard	PS 3 2011
Rationale for Correction:	<p>In the Applicator type attribute of the RT Ion Beam Module, there is a defined type of "INTEROPERATIVE". However, Photon uses the term, "INTRAOPERATIVE".</p> <p>The term "INTEROPERATIVE" suggests something happening between surgeries, rather than in the middle of surgery, which would be "INTRAOPERATIVE".</p> <p>After consultations within the Ion Subgroup of WG-07 it turns out, that indeed that was just an unintentional error at the time when the RT Ion Beams module was defined. . There is no applicable semantics to INTEROPERATIVE, since that is no clinical use at all. The term INTRAOPERATIVE could be applicable, although by that time nobody had a proton-associated surgery case observed. But since that could be an option, the correct term INTRAOPERATIVE should be in the list of proposed Defined Terms, but not INTEROPERATIVE. This term should also be consistent with the RT Beams Module for Photon treatments, where it means the same situation.</p> <p>This CP corrects that term.</p> <p>Additionally, the CP also corrects a plain spelling error on the term rectangular.</p>
Correction Wording:	

In PS 3.3, C.8.8.25 RT Ion Beams Module in table Table C.8.8.25-1, RT ION BEAMS MODULE ATTRIBUTES, correct the following Defined Term and description of that term:

>Applicator Sequence	(300A,0107)	3	Introduces sequence of Applicators associated with Beam. Only a single item is permitted in this sequence.
>>Applicator ID	(300A,0108)	1	User or machine supplied identifier for Applicator.
>>Accessory Code	(300A,00F9)	3	An accessory identifier to be read by a device such as a bar code reader.
>>Applicator Type	(300A,0109)	1	Type of applicator. Defined Terms: ION_SQUARE = square ion applicator ION_RECT = rectangular ion applicator ION_CIRC = circular ion applicator

			ION_SHORT = short ion applicator ION_OPEN = open (dummy) ion applicator INTERRA OPERATIVE = interra operative (custom) applicator STEREOTACTIC = stereotactic applicator
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In PS 3.3, C.8.8.26 RT Ion Beams Session Record Module in table Table C.8.8.26-1, RT ION BEAMS SESSION RECORD MODULE ATTRIBUTES, correct the following Defined Term and description of that term:

>Applicator Sequence	(300A,0107)	1C	Introduces sequence of Applicators associated with Beam. Required if Applicator Sequence (300A,0107) is included in the RT Ion Plan referenced within the Referenced RT Plan Sequence (300C,0002). Only a single item is permitted in this sequence.
>>Applicator ID	(300A,0108)	1	User or machine supplied identifier for Applicator.
>>Accessory Code	(300A,00F9)	3	An accessory identifier to be read by a device such as a bar code reader.
>>Applicator Type	(300A,0109)	1	Type of applicator. Defined Terms: ION_SQUARE = square ion applicator ION_RECT = rectangular ion applicator ION_CIRC = circular ion applicator ION_SHORT = short ion applicator ION_OPEN = open (dummy) ion applicator INTERRA OPERATIVE = interra operative (custom) applicator STEREOTACTIC = stereotactic applicator