

DICOM Correction Item

Correction Number CP-441	
Log Summary: RT Alternate Accessory Codes	
Type of Modification Omission	Name of Standard PS 3 2003
<p>Rationale for Correction:</p> <p>During the verification of certain accessories, therapists often use custom coding systems (e.g. treatment machine readable codes or bar codes) to ensure that the correct accessory is used for a specific plan at treatment time. It is an important function for treatment delivery to support this verification. Therefore appropriate tags should be added in the RT Patient Setup, RT Beams, RT Image and RT Beams Session Record modules.</p>	
<p>Sections of documents affected</p> <p>PS 3.3, C.8.8 (Radiotherapy modules) PS 3.6, Section 6 (Registry of DICOM Data Elements)</p>	
Correction Wording:	

In PS 3.3, C.8-44 (RT Patient Setup Module Attributes), add the following attribute to the Fixation Device Sequence (300A,0190) after Fixation Device Position (300A,0198):

Attribute Name	Tag	Type	Attribute Description
>>RT Alternate Accessory Code	(300A,00F9)	3	Machine-readable identifier for this accessory.

In PS 3.3, C.8-44 (RT Patient Setup Module Attributes), add the following attribute to the Shielding Device Sequence (300A,01A0) after Shielding Device Position (300A,01A8):

Attribute Name	Tag	Type	Attribute Description
>>RT Alternate Accessory Code	(300A,00F9)	3	Machine-readable identifier for this accessory.

In PS 3.3, C.8-46 (RT Beams Module Attributes), add the following attribute to the Wedge Sequence (300A,00D1) after Wedge ID (300A,00D4):

Attribute Name	Tag	Type	Attribute Description
>>RT Alternate Accessory Code	(300A,00F9)	3	Machine-readable identifier for this accessory.

In PS 3.3, C.8-46 (RT Beams Module Attributes), add the following attribute to the Compensator Sequence (300A,00E3) after Compensator ID (300A,00E5):

Attribute Name	Tag	Type	Attribute Description
>>RT Alternate Accessory Code	(300A,00F9)	3	Machine-readable identifier for this accessory.

In PS 3.3, C.8-46 (RT Beams Module Attributes), add the following attribute to the Referenced Bolus Sequence (300C, 00B0) after Referenced ROI Number (3006,0084):

Attribute Name	Tag	Type	Attribute Description
>>RT Alternate Accessory Code	(300A,00F9)	3	Machine-readable identifier for this accessory.

In PS 3.3, C.8-46 (RT Beams Module Attributes), add the following attribute to the Block Sequence (300A,00F4) after Block Tray ID (300A,00F5):

Attribute Name	Tag	Type	Attribute Description
>>RT Alternate Accessory Code	(300A,00F9)	3	Machine-readable identifier for this accessory.

In PS 3.3, C.8-46 (RT Beams Module Attributes), add the following attribute to the Applicator Sequence (300A, 0107) after Applicator ID (300A,0108):

Attribute Name	Tag	Type	Attribute Description
>>RT Alternate Accessory Code	(300A,00F9)	3	Machine-readable identifier for this accessory.

In PS 3.3, Table C.8-53 (RT Beams Session Record Module Attributes), add the following attribute to the Recorded Wedge Sequence (3008, 00B0) after Wedge ID (300A,00D4):

Attribute Name	Tag	Type	Attribute Description
>>RT Alternate Accessory Code	(300A,00F9)	3	Machine-readable identifier for this accessory.

In PS 3.3, Table C.8-53 (RT Beams Session Record Module Attributes), add the following attribute to the Recorded Compensator Sequence (3008,00C0) after Compensator ID (300A,00E5):

Attribute Name	Tag	Type	Attribute Description
>>RT Alternate Accessory Code	(300A,00F9)	3	Machine-readable identifier for this accessory.

In PS 3.3, Table C.8-53 (RT Beams Session Record Module Attributes), add the following attribute to the Referenced Bolus Sequence (300C,00B0) after Referenced ROI Number (3006,0084):

Attribute Name	Tag	Type	Attribute Description
>>RT Alternate Accessory Code	(300A,00F9)	3	Machine-readable identifier for this accessory.

In PS 3.3, Table C.8-53 (RT Beams Session Record Module Attributes), add the following attribute to the Recorded Block Sequence (3008,00D0) after Block Tray ID (300A,00F5):

Attribute Name	Tag	Type	Attribute Description
>>RT Alternate Accessory Code	(300A,00F9)	3	Machine-readable identifier for this accessory.

In PS 3.3, Table C.8-53 (RT Beams Session Record Module Attributes), add the following attribute to the Applicator Sequence (300A,0107) after Applicator ID (300A,0108):

Attribute Name	Tag	Type	Attribute Description
>>RT Alternate Accessory Code	(300A,00F9)	3	Machine-readable identifier for this accessory.

In PS 3.6, Section 6, add the following new attribute:

Tag	Name	VR	VM
(300A,00F9)	RT Alternate Accessory Code	LO	1