

## DICOM Correction Proposal

STATUS	Final Text
Date of Last Update	2011/08/22
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Submission date	2011/01/18

Correction Number	CP-1120
Log Summary: Add Source to Base Plate Distance in RT Beams Module	
Name of Standard	PS 3 2011
Rationale for Correction	The general accessory Definition in the RT Beams Module lacks of a definition of the Source to Base Plate Distance. This prevents identification of the machine slot where such an accessory is mounted. This change proposal introduces the distance to this mounting.
Correction Wording:	

*In PS 3.3, Section C.8.8.2 (RT Image Module), Table C.8-38, add the following tag:*

Attribute Name	Tag	Type	Attribute Description
>General Accessory Sequence	(300A,0420)	3	Sequence of General Accessories associated with the beam producing this image. One or more items may be included in this sequence.
...			
>>Accessory Code	(300A,00F9)	3	Machine-readable identifier for this accessory
<b>&gt;&gt;Source to General Accessory Distance</b>	<b>(300A,0425)</b>	<b>3</b>	<b>Radiation source to general accessory distance (in mm) for current accessory.</b>

*In PS 3.3, Section C.8.8.14 (RT Beams Module), Table C.8-50, add the following tag:*

Attribute Name	Tag	Type	Attribute Description
>General Accessory Sequence	(300A,0420)	3	Introduces a Sequence of General Accessories associated with this Beam. One or more items may be included in this sequence.
...			
>>Accessory Code	(300A,00F9)	3	Machine-readable identifier for this accessory

Attribute Name	Tag	Type	Attribute Description
<b>&gt;&gt;Source to General Accessory Distance</b>	<b>(300A,0425)</b>	<b>3</b>	<b><u>Radiation source to general accessory distance (in mm) for current accessory.</u></b>

*In PS 3.3, Section C.8.8.21 (RT Beams Session Record Module), Table C.8-57, add the following tag:*

Attribute Name	Tag	Type	Attribute Description
>General Accessory Sequence	(300A,0420)	3	Introduces a Sequence of General Accessories associated with this Beam. One or more items may be included in this sequence.
...			
>>Accessory Code	(300A,00F9)	3	Machine-readable identifier for this accessory
<b>&gt;&gt;Source to General Accessory Distance</b>	<b>(300A,0425)</b>	<b>3</b>	<b><u>Radiation source to general accessory distance (in mm) for current accessory.</u></b>

*In PS 3.3, Section C.8.8.25 (RT Ion Beams Module), Table C.8.8.25-1, add the following tag:*

Attribute Name	Tag	Type	Attribute Description
>General Accessory Sequence	(300A,0420)	3	Introduces a Sequence of General Accessories associated with this Beam. One or more items may be included in this sequence.
...			
>>Accessory Code	(300A,00F9)	3	Machine-readable identifier for this accessory
<b>&gt;&gt;Source to General Accessory Distance</b>	<b>(300A,0425)</b>	<b>3</b>	<b><u>Radiation source to general accessory distance (in mm) for current accessory.</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 tag:*

Attribute Name	Tag	Type	Attribute Description
>General Accessory Sequence	(300A,0420)	3	Introduces a Sequence of General Accessories associated with this Beam. One or more items may be included in this sequence.
...			
>>Accessory Code	(300A,00F9)	3	Machine-readable identifier for this accessory
<b>&gt;&gt;Source to General Accessory Distance</b>	<b>(300A,0425)</b>	<b>3</b>	<b><u>Radiation source to general accessory distance (in mm) for current accessory.</u></b>

*In PS 3.6, Section 6, add the following new attributes:*

Tag	Name	Keyword	VR	VM
<b>(300A,0425)</b>	<b>Source to General Accessory Distance</b>	<b>SourceToGeneralAccessory Distance</b>	<b>FL</b>	<b>1</b>