

## DICOM Correction Proposal

STATUS	Final Text
Date of Last Update	2014/03/29
Person Assigned	Ulrich Busch ( <a href="mailto:ulrich.busch@varian.com">ulrich.busch@varian.com</a> )
Submitter Name	Ulrich Busch ( <a href="mailto:ulrich.busch@varian.com">ulrich.busch@varian.com</a> )
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Correction Number	CP-1329
Log Summary:	Add Indication For Dose Of Delivery
Name of Standard	PS 3.3 2011
Rationale for Correction:	The RT Dose has no facility to declare it's scope as representing a dose calculated for a delivered treatment. The current scopes do only cover dose calculated for the intended (respectively prescribed) delivery (forward-looking). This CP adds the facility to refer to RT Beams Treatment Records for that purpose.
Correction Wording:	

*In PS 3.3 2011, add the following definition in C.8.8.3 RT Dose Module*

**Table C.8-39—RT DOSE MODULE ATTRIBUTES**

Attribute Name	Tag	Type	Attribute Description
Dose Summation Type	(3004,000A)	1	Type of dose summation. Defined Terms: PLAN = dose calculated for entire RT Plan MULTI_PLAN = dose calculated for 2 or more RT Plans FRACTION = dose calculated for a single Fraction Group within RT Plan BEAM = dose calculated for one or more Beams within RT Plan BRACHY = dose calculated for one or more Brachy Application Setups within RT Plan CONTROL_POINT = dose calculated for one or more Control Points within a Beam <b><u>RECORD = dose calculated for RT Beams Treatment Record</u></b>
...			
>>>Referenced Brachy Application Setup Number	(300C,000C)	1	Uniquely identifies Brachy Application Setup specified by Brachy Application Setup Number (300A,0234) in Brachy Application Setup Sequence (300A,0230)

			of RT Brachy Application Setups Module within RT Plan referenced in Referenced RT Plan Sequence (300C,0002).
<u>Referenced Treatment Record Sequence</u>	<u>(3008,0030)</u>	<u>1C</u>	<u>Sequence describing RT Beams Treatment Record associated with dose. Required if Dose Summation Type (3004,000A) is RECORD. One or more Items shall be included in this sequence.</u>
<i>&gt;Include 'SOP Instance Reference Macro' Table 10-11</i>			
<u>&gt;Referenced Beam Sequence</u>	<u>(300C,0004)</u>	<u>1C</u>	<u>Introduces sequence of Beams in contributing to dose. Required, if the dose does not apply to the complete RT Beams Treatment Record referenced in the Referenced Treatment Record Sequence (3008,0030). One or more items shall be included in this sequence.</u>
<u>&gt;&gt;Referenced Beam Number</u>	<u>(300C,0006)</u>	<u>1</u>	<u>Uniquely identifies Beam specified by Beam Number (300A,00C0) in Beam Sequence of RT Beams Module within RT Beams Treatment Record referenced in the Referenced Treatment Record Sequence (3008,0030).</u>