

DICOM Correction Proposal

STATUS	New
Date of Last Update	2019/12/18
Person Assigned	Christof Schadt
Submitter Name	Kari Jyrkkälä <kari.jyrkkala@varian.com>
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Correction Number	CP1969
Log Summary: RT Anatomic Prescription Color	
Name of Standard PS 3.3 2019e	
Rationale for Correction: Items in the RT Anatomic Prescription Sequence (3010,0060) can be used as an initial template for the actual geometrical definition of the corresponding region of interest using e.g. RT Structure Set. The color of the region of interest is an important identifier for the user thus it would make sense to allow the definition the color of the anatomic region while defining the prescription for the anatomy.	
Correction Wording:	

<i>Update PS3.3 Table C.36.6-1 RT Enhanced Prescription Module Attributes</i>

>RT Anatomic Prescription Sequence	(3010,0060)	1	Prescriptions for an anatomic region. One or more Items shall be included in this Sequence.
>>Include <u>Table 10.31-1 "Entity Labeling Macro Attributes"</u>			
> <u>Recommended Display CIELab Value</u>	<u>(0062,000D)</u>	<u>3</u>	<u>A default triplet value in which it is recommended that the anatomy be rendered on a color display. The units are specified in PCS-Values, and the value is encoded as CIELab. See Section C.10.7.1.1.</u>
>>Therapeutic Role Category Code Sequence	(3010,0064)	1	The general category of the therapeutic role of this anatomic region. Only a single Item shall be included in this Sequence.
>>>Include <u>Table 8.8-1 "Code Sequence Macro Attributes"</u>			<u>DCID 9503 "Radiotherapy Therapeutic Role Categories"</u> .
>>Therapeutic Role Type Code Sequence	(3010,0065)	1	The specific property type of the therapeutic role of this anatomic region. Only a single Item shall be included in this

			Sequence. See <u>Section C.36.6.1.1.</u>
>>>Include <u>Table 8.8-1 "Code Sequence Macro Attributes"</u>			<i>Context Groups are specified in <u>Section C.36.6.1.1.</u></i>
>>Conceptual Volume Optimization Precedence	(3010,0066)	2	Value used to resolve usage of overlapping regions of Conceptual Volumes during dose optimization. An overlapping region is part of the Conceptual Volume(s) with the lowest number. An overlapping region is not part of any other Conceptual Volume with a higher number. Overlapping regions with equal precedence are part of all Conceptual Volumes with the same value. Any number takes precedence over an empty value.