

## DICOM Change Item

<b>Log Summary:</b> Change VRs to be consistent and remove group lengths from Part 6	
<b>Type of Modification:</b> Clarification	
<b>Name of Document</b> PS 3.5, 3.6	<b>Version Number</b> 1999
<b>Rationale for change</b> Part 6 defines several data elements with multiple Value Representations. The format of several items should be changed to improve the readability. To avoid maintaining Part 6 with the Group Length attributes for every new group, remove all current group lengths. Part 5 already specifies that the 0000 element is reserved for group length.	
Modify Part 5:	
<b>7.2 Group length</b>	
The Group Length (gggg,0000) Standard Data Element <b><u>shall be implicitly defined for all Data Element groups with a Value Representation of UL and a Value Multiplicity of 1. It</u></b> shall be an optional (Type 3 Data Element Type) Data Element in DICOM V3.0 (see Section 7.4 for a description of Data Element Types). It provides an optional optimization scheme in partial parsing of Data Sets by allowing the skipping of entire groups of Data Elements. Implementations may or may not choose to encode explicit Group Length in a Data Set. All implementations shall be able to accept or ignore such elements.	
<b>Note:</b> <u>Elements in groups 0, 2, 4 and 6 are not Standard Data Elements. Mandatory requirements for Group Length for groups 0 and 2 are specified elsewhere in the standard.</u>	
Modify Part 6:	
Change Tag (50xx,200C), VR from "OW/OB" to "OW or OB"	
Change Tag (50xx,3000), VR from "OW/OB" to "OW or OB"	
Change Tag (7FE0,0010), VR from "OW/OB" to "OW or OB"	

## Remove Elements:

0008,0000 Group Length VR=UL VM=1  
0010,0000 Group Length VR=UL VM=1  
0018,0000 Group Length VR=UL VM=1  
0020,0000 Group Length VR=UL VM=1  
0028,0000 Group Length VR=UL VM=1  
0032,0000 Group Length VR=UL VM=1  
0038,0000 Group Length VR=UL VM=1  
0040,0000 Group Length VR=UL VM=1  
0050,0000 Group Length VR=UL VM=1  
0054,0000 Group Length VR=UL VM=1  
0088,0000 Group Length VR=UL VM=1  
2000,0000 Group Length VR=UL VM=1  
2010,0000 Group Length VR=UL VM=1  
2020,0000 Group Length VR=UL VM=1  
2030,0000 Group Length VR=UL VM=1  
2040,0000 Group Length VR=UL VM=1  
2100,0000 Group Length VR=UL VM=1  
2110,0000 Group Length VR=UL VM=1  
4000,0000 Group Length VR=UL VM=1  
4008,0000 Group Length VR=UL VM=1  
50xx,0000 Group Length VR=UL VM=1  
60xx,0000 Group Length VR=UL VM=1  
7FE0,0000 Group Length VR=UL VM=1