

## DICOM Correction Item

Correction Number		CP-133	
Log Summary: Add support for associating contours in Bifurcated RT Structures			
Type of Modification: Extension	Name of Standard PS 3.3-1999 PS 3.6-1999		
Rationale for Correction:			
<p>The RT Structure Set object provides capability for storing bifurcated patient structures, but does not provide a mechanism to identify which structure contours belong to which branch of the structure.</p> <p>This proposal addresses this deficiency by adding optional attributes that identify attached contours within a structure.</p>			
Sections of document affected:			
DICOM 1999 Part 3 (Information Object Definitions), Section C.8.8.6 (ROI Contour Module) DICOM 1999 Part 6 (Data Dictionary)			
Correction Wording:			
<p>In DICOM 1999 Part 3, Table C.8.8.6-1 (ROI Contour Module), the following new attributes should be added immediately following the Contour Sequence (3006,0040) attribute:</p>			
>>Contour Number          >>Attached Contours	(3006,0048)          (3006,0049)	3          3	Identification number of the contour. The value of Contour Number (3006,0048) shall be unique within the Contour Sequence (3006,0040) in which it is defined. No semantics or ordering shall be inferred from this attribute.          List of Contour Number (3006,0048) defining lower-numbered contour(s) to which the current contour is connected.
<p>In DICOM 1999 Part 6 (Data Dictionary), two new attributes should be added:</p>			
(3006,0048) (3006,0049)	Contour Number Attached Contours	IS IS	1 1-n