

## DICOM Correction Proposal Form

Tracking Information - Administration Use Only	
Correction Proposal Number	CP-133
Status	New
Date of Last Update	25 March 1999
Person Assigned	David Murray
Submitter Name	David Murray
Submission date	9 June 1998

Correction Number CP-133									
Log Summary: Add support for associating contours in Bifurcated RT Structures									
Type of Modification: Extension	Name of Standard PS 3.3-1998 PS 3.6-1998								
<p>Rationale for Correction:</p> <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>									
<p>Sections of document affected:</p> <p>DICOM 1998 Part 3 (Information Object Definitions), Section C.8.8.6 (ROI Contour Module)          DICOM 1998 Part 6 (Data Dictionary)</p>									
<p>Correction Wording:</p> <p>In DICOM 1998 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> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 25%; vertical-align: top;">&gt;&gt;Contour Number</td> <td style="width: 15%; vertical-align: top;">(3006,0048)</td> <td style="width: 5%; vertical-align: top;">3</td> <td style="vertical-align: top;">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.</td> </tr> <tr> <td style="vertical-align: top;">&gt;&gt;Attached Contours</td> <td style="vertical-align: top;">(3006,0049)</td> <td style="vertical-align: top;">3</td> <td style="vertical-align: top;">List of Contour Number (3006,0048) defining <u>lower-numbered</u> contour(s) to which the <u>current</u> contour is connected.</td> </tr> </table>		>>Contour Number	(3006,0048)	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.	>>Attached Contours	(3006,0049)	3	List of Contour Number (3006,0048) defining <u>lower-numbered</u> contour(s) to which the <u>current</u> contour is connected.
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>>Attached Contours	(3006,0049)	3	List of Contour Number (3006,0048) defining <u>lower-numbered</u> contour(s) to which the <u>current</u> contour is connected.						
<p>In DICOM 1998 Part 6 (Data Dictionary), two new attributes should be added:</p> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 25%;">(3006,0048)</td> <td style="width: 40%;">Contour Number</td> <td style="width: 10%;">IS</td> <td style="width: 25%;">1</td> </tr> <tr> <td>(3006,0049)</td> <td>Attached Contours</td> <td>IS</td> <td>1-n</td> </tr> </table>		(3006,0048)	Contour Number	IS	1	(3006,0049)	Attached Contours	IS	1-n
(3006,0048)	Contour Number	IS	1						
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CP-133  
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Date: 1999/03/25  
Status: Assigned