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

<table>
<thead>
<tr>
<th>Correction Number</th>
<th>CP-133</th>
</tr>
</thead>
<tbody>
<tr>
<td>Log Summary:</td>
<td>Add support for associating contours in Bifurcated RT Structures</td>
</tr>
<tr>
<td>Type of Modification:</td>
<td>Extension</td>
</tr>
<tr>
<td>Name of Standard</td>
<td>PS 3.3-1998</td>
</tr>
<tr>
<td></td>
<td>PS 3.6-1998</td>
</tr>
</tbody>
</table>

Rationale for Correction:

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.

This proposal addresses this deficiency by adding optional attributes that identify attached contours within a structure.

Sections of document affected:

DICOM 1998 Part 3 (Information Object Definitions), Section C.8.8.6 (ROI Contour Module)
DICOM 1998 Part 6 (Data Dictionary)

Correction Wording:

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:

- **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 lower-numbered contours to which the current contour is connected.

In DICOM 1998 Part 6 (Data Dictionary), two new attributes should be added:

- (3006,0048) Contour Number IS 1
- (3006,0049) Attached Contours IS 1-n
CP-133
Add support for associating contours in bifurcated RT Structures

Date: 1999/03/25
Status: Assigned