DICOM Correction Item

Correction Number     CP-738

Log Summary:  Add Context Group for type of multiframe subset

Type of Modification  Addition
Name of Standard       PS 3.16 2007

Rationale for Correction:
DICOM WG20 is working on the HL7 V3 specification for HL7 references to DICOM composite objects. In the context of this activity, there is a need to reference individual frames of multi-frame SOP instances (e.g. for mapping the Referenced Frame Number in the Image SOP Instance Reference Macro). In HL7 this is treated as a Region of Interest (ROI) within the multi-frame image. The HL7 semantics require a coded term for the type of ROI.

It is desirable that the vocabulary for this code be controlled by DICOM, rather than HL7. It is therefore proposed to add a Context Group and vocabulary to Part 16 that can be referenced from the HL7 Standard.

Sections of documents affected
PS 3.16 Section 2, Annex B, Annex D

Correction Wording:

Add to PS 3.16 Section 2

HL7 v3 CMET   Health Level Seven Version 3 Standard: Common Message Element Types

Add to PS 3.16 Annex B

CID 7250   Multi-frame Subset Type
This Context Group specifies the terms used to identify a subset of frames of a multi-frame image. It is used for encoding an equivalent of the Image SOP Instance Reference Macro (see PS 3.3) in an HL7 v3 data structure (see HL7 v3 CMET, COCT_R830120 "A_DicomCompositeObjectReference minimal").

Context ID 7250  Multi-frame Subset Type
Type: Extensible  Version: 20070625

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<thead>
<tr>
<th>Coding Scheme Designator</th>
<th>Code Value</th>
<th>Code Meaning</th>
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<tr>
<td>DCM</td>
<td>121190</td>
<td>Referenced Frames</td>
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<tr>
<td>DCM</td>
<td>121191</td>
<td>Referenced Segment</td>
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Add to PS 3.16 Annex D
<table>
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<tr>
<th>121191</th>
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<tbody>
<tr>
<td></td>
<td>subset of a multi-frame image</td>
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