DICOM Correction Proposal

<table>
<thead>
<tr>
<th>Status</th>
<th>Letter Ballot</th>
</tr>
</thead>
<tbody>
<tr>
<td>Date of Last Update</td>
<td>2023/09/02</td>
</tr>
<tr>
<td>Person Assigned</td>
<td>Wim Corbijn</td>
</tr>
<tr>
<td>Submitter Name</td>
<td>Wim Corbijn, <a href="mailto:Wim.corbijn.van.willenswaard@philips.com">Wim.corbijn.van.willenswaard@philips.com</a></td>
</tr>
<tr>
<td>Submission Date</td>
<td>2023/03/08</td>
</tr>
</tbody>
</table>

Correction Number: CP-2293

Log Summary: Resolve Duplicate names for TIDs and a CID

Name of Standard
PS3.3, PS3.16

Rationale for Correction:

**Some TIDs share the same name, also two CIDs**

**SR Templates**
- TID 1005 - Procedure Context ➔ Procedure Study Context
- TID 3601 - Procedure Context ➔ No change
- TID 3920 - Ventricular Analysis ➔ Ventricular Analysis Result
- TID 3202 - Ventricular Analysis ➔ Quantitative Ventricular Analysis Report

**Context Group (CID):**
- CID 3010 - Cardiovascular Anatomic Location ➔ Cardiovascular Anatomic Structure
- CID 3630 - Cardiovascular Anatomic Location ➔ No change

To avoid confusion, assign unique names.

Only the place where the names are defined is shown - all references in PS3.16 and other parts are automatically updated and not included in this CP.

Correction Wording:

**Update PS3.16 TID 1005**

**TID 1005 Procedure Study Context**

This Template contains identifying (and optionally descriptive) attributes of the procedure that is the source of evidence being interpreted.

Whenever this Template is invoked, all previously inherited attributes of Procedure Study Context are discarded and replaced.

**Note**

If an observed digital image is identified by other than a DICOM UID, a Study Instance UID must be generated for the non-DICOM evidence. The same must be done to document interpretation of hard-copy radiographs generated outside of the scope of the DICOM system.

**Type:** Non-Extensible
**Order:** Significant
**Root:** No
Table TID 1005. Procedure Study Context

<table>
<thead>
<tr>
<th>NL</th>
<th>Rel with Parent</th>
<th>VT</th>
<th>Concept Name</th>
<th>VM</th>
<th>Req Type</th>
<th>Condition</th>
<th>Value Set Constraint</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td></td>
<td>UIDREF</td>
<td>EV (121018, DCM, &quot;Procedure Study Instance UID&quot;)</td>
<td>1</td>
<td>U</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Defaults to Value of Study Instance UID (0020, 000D) of the General Study Module

Update PS3.16 TID 3202

TID 3202 Quantitative Ventricular Analysis Report

The Quantitative Ventricular Analysis Report Template provides a CONTAINER with a structure for reporting the result of the ventricular analysis.

Type: Extensible
Order: Significant
Root: No

Table TID 3202. Quantitative Ventricular Analysis Report

<table>
<thead>
<tr>
<th>NL</th>
<th>Rel with Parent</th>
<th>VT</th>
<th>Concept Name</th>
<th>VM</th>
<th>Req Type</th>
<th>Condition</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td></td>
<td>CONTAINER</td>
<td>EV (122292, DCM, &quot;Quantitative Ventriculography Report&quot;)</td>
<td>1</td>
<td>M</td>
<td></td>
</tr>
</tbody>
</table>

Update PS3.16 TID 3920

TID 3920 Ventricular Analysis Results

Contains the ventricular functional measurement results.

Type: Extensible
Order: Significant
Root: No

Table TID 3920. Ventricular Analysis Results

<table>
<thead>
<tr>
<th>NL</th>
<th>Rel with Parent</th>
<th>VT</th>
<th>Concept Name</th>
<th>VM</th>
<th>Req Type</th>
<th>Condition</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td></td>
<td>CONTAINER</td>
<td>EV (59776-5, LN, &quot;Findings&quot;)</td>
<td>1</td>
<td>M</td>
<td></td>
</tr>
</tbody>
</table>

Update PS3.16 CID 3010

CID 3010 Cardiovascular Anatomic Location Structure

Resources: HTML | FHIR JSON | FHIR XML | IHE SVS XML
Keyword: CardiovascularAnatomicLocationStructure
FHIR Keyword: dicom-cid-3010-CardiovascularAnatomicLocationStructure
Type: Extensible
Version: 20200309
Table CID 3010. Cardiovascular Anatomic Location

<table>
<thead>
<tr>
<th>Coding Scheme Designator</th>
<th>Code Value</th>
<th>Code Meaning</th>
<th>SNOMED-RT ID</th>
<th>UMLS Concept Unique ID</th>
</tr>
</thead>
<tbody>
<tr>
<td>SCT</td>
<td>7832008</td>
<td>Abdominal aorta</td>
<td>T-42500</td>
<td>C0003484</td>
</tr>
</tbody>
</table>

For reference, unchanged, PS3.16:

TID 3601 Procedure Context

The Procedure Context Template describes acquisition context for measurements made or events recorded in a procedure.

Type: Extensible
Order: Significant
Root: No

Table TID 3601. Procedure Context

<table>
<thead>
<tr>
<th>NL</th>
<th>Rel with Parent</th>
<th>VT</th>
<th>Concept Name</th>
<th>VM</th>
<th>Req Type</th>
<th>Condition</th>
<th>Value Set Constraint</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>HAS ACQ CONTEXT</td>
<td>TEXT</td>
<td>EV (121065, DCM, &quot;Procedure Description&quot;)</td>
<td>1</td>
<td>U</td>
<td></td>
<td>Defaults to Value of Study Description (0008,1030) of the General Study Module</td>
</tr>
<tr>
<td>2</td>
<td>HAS ACQ CONTEXT</td>
<td>CODE</td>
<td>EV (363703001, SCT, &quot;Has Intent&quot;)</td>
<td>1</td>
<td>U</td>
<td></td>
<td>BCID 3629 &quot;Procedure Intent&quot;</td>
</tr>
<tr>
<td>3</td>
<td>HAS ACQ CONTEXT</td>
<td>CODE</td>
<td>EV (260870009, SCT, &quot;Procedure Priority&quot;)</td>
<td>1</td>
<td>U</td>
<td></td>
<td>BCID 3414 &quot;Procedure Urgency&quot;</td>
</tr>
<tr>
<td>4</td>
<td>HAS OBS CONTEXT</td>
<td>CODE</td>
<td>EV (121023, DCM, &quot;Procedure Code&quot;)</td>
<td>1-n</td>
<td>U</td>
<td></td>
<td>Defaults to Value of Procedure Code Sequence (0008,1032) of the General Study Module</td>
</tr>
</tbody>
</table>

CID 3630 Cardiovascular Anatomic Location

Resources: HTML | FHIR JSON | FHIR XML | IHE SVS XML
Keyword: CardiovascularAnatomicLocation
FHIR Keyword: dicom-cid-3630-CardiovascularAnatomicLocation
Type: Extensible
Version: 20030327
Table CID 3630. Cardiovascular Anatomic Location

<table>
<thead>
<tr>
<th>Coding Scheme Designator</th>
<th>Code Value</th>
<th>Code Meaning</th>
</tr>
</thead>
<tbody>
<tr>
<td>Include CID 3606 “Arterial Source Location”</td>
<td>...</td>
<td>...</td>
</tr>
</tbody>
</table>