**Log Summary:** Mammography CAD SR Value Types

**Name of Standard**
PS3.3

**Rationale for Correction:**
When the Value Type UIDREF was added to Mammography CAD SR templates, dating back to Supplement 65 Chest CAD SR and CP-1266 (adding rows to TID 4020 CAD Image Library Entry), the Mammography CAD SR IOD list of Value Types and Relationship Constraints in PS 3.3 should have been extended also.

Update Table A.35.5-2 and the Enumerated Values list in A.35.5.3.1.2 Value Type to match the template structure.

**Correction Wording:**

*Update DICOM PS 3.3, section A.35.5.3.1.2 Value Type to include UIDREF*

**A.35.5.3.1 Mammography CAD SR IOD Content Constraints**

... **A.35.5.3.1.2 Value Type**

Value Type (0040,A040) in Content Sequence (0040,A730) of the SR Document Content Module is constrained to the following Enumerated Values (see Table C.17.3-7 for Value Type definitions):

Enumerated Values:
TEXT
CODE
NUM
DATE
TIME
UIDREF
PNAME
SCOORD
COMPOSITE
IMAGE
CONTAINER

**A.35.5.3.1.3 Relationship Constraints**

The Mammography CAD SR IOD makes extensive use of by-reference INFERRED FROM, by-reference HAS PROPERTIES and by-reference SELECTED FROM relationships. Other relationships by-reference are forbidden.

Table A.35.5-2 specifies the relationship constraints of this IOD. See Table C.17.3-8 for Relationship Type definitions.

**Table A.35.5-2. Relationship Content Constraints for Mammography CAD SR IOD**
<table>
<thead>
<tr>
<th>Source Value Type</th>
<th>Relationship Type (Enumerated Values)</th>
<th>Target Value Type</th>
</tr>
</thead>
<tbody>
<tr>
<td>CONTAINER</td>
<td>CONTAINS</td>
<td>CODE, NUM, SCOORD, IMAGE₁, CONTAINER, TEXT, DATE.</td>
</tr>
<tr>
<td>TEXT, CODE, NUM, CONTAINER</td>
<td>HAS OBS CONTEXT</td>
<td>TEXT, CODE, NUM, DATE, TIME, PNAME, UIDREF, COMPOSITE₁.</td>
</tr>
<tr>
<td>IMAGE</td>
<td>HAS ACQ CONTEXT</td>
<td>TEXT, CODE, DATE, TIME, NUM₂, UIDREF.</td>
</tr>
<tr>
<td>CONTAINER, CODE, NUM, COMPOSITE</td>
<td>HAS CONCEPT MOD</td>
<td>TEXT, CODE₂.</td>
</tr>
<tr>
<td>TEXT, CODE, NUM</td>
<td>HAS PROPERTIES</td>
<td>CONTAINER, TEXT, CODE, NUM, DATE, IMAGE₁, SCOORD, UIDREF.</td>
</tr>
<tr>
<td>CODE, NUM</td>
<td>INFERRED FROM</td>
<td>CODE, NUM, SCOORD, CONTAINER, TEXT, IMAGE.</td>
</tr>
<tr>
<td>SCOORD</td>
<td>SELECTED FROM</td>
<td>IMAGE₁.</td>
</tr>
</tbody>
</table>

Note

1. Which SOP Classes the IMAGE or COMPOSITE Value Type may refer to, is documented in the Conformance Statement for an application (see PS3.2 and PS3.4).

2. The HAS CONCEPT MOD relationship is used to modify the meaning of the Concept Name of a Source Content Item, for example to provide a more descriptive explanation, a different language translation, or to define a post-coordinated concept.