## DICOM Correction Proposal

<table>
<thead>
<tr>
<th>STATUS</th>
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<td>Date of Last Update</td>
<td>2020/10/23</td>
</tr>
<tr>
<td>Person Assigned</td>
<td>Wim Corbijn</td>
</tr>
<tr>
<td>Submitter Name</td>
<td>Jeroen Medema, <a href="mailto:jeroen.medema@philips.com">jeroen.medema@philips.com</a></td>
</tr>
<tr>
<td>Submission Date</td>
<td>2020/05/12</td>
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<tr>
<th>Correction Number</th>
<th>CP-2054</th>
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<tbody>
<tr>
<td>Log Summary</td>
<td>add role to 'shall also support'</td>
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<tr>
<td>Name of Standard</td>
<td>PS3.4</td>
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### Rationale for Correction:

Part 4 lists several dependencies between the support of SOP Classes, e.g. in B.5.1.1: “An SCU or SCP of the Digital X-Ray Image Storage - For Processing SOP Class shall also support the Digital X-Ray Image Storage - For Presentation SOP Class.”

These wordings do not specify *in what role* these dependent SOP Classes need to be supported. The intent is probably to support it in the same role as the support of the originating SOP Class, but that is currently not described.

### Correction Wording:

Add intended role as expected.

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**Modify section B.5.1.1 Digital X-Ray Image Storage SOP Classes**

...  

An SCU or SCP of the Digital X-Ray Image Storage - For Processing SOP Class shall also support the Digital X-Ray Image Storage - For Presentation SOP Class **in the same role**.

...  

**Modify section B.5.1.2 Digital Mammography X-Ray Image Storage SOP Classes**

...  

An SCU or SCP of the Digital Mammography X-Ray Image Storage - For Processing SOP Class shall also support the Digital Mammography X-Ray Image Storage - For Presentation SOP Class **in the same role**.

**Modify section B.5.1.3 Digital Intra-Oral X-Ray Image Storage SOP Classes**

...  

An SCU or SCP of the Digital Intra-Oral X-Ray Image Storage - For Processing SOP Class shall also support the Digital Intra-Oral X-Ray Image Storage - For Presentation SOP Class **in the same role**.
Modify section B.5.1.6 Enhanced MR Image Storage and Legacy Converted Enhanced MR Image Storage SOP Class

An SCP of the Enhanced MR Image Storage or Legacy Converted Enhanced MR Image Storage SOP Class shall also support the Grayscale Softcopy Presentation State Storage SOP Class as an SCP.

...
Modify section B.5.1.18 Breast Projection X-Ray Image Storage SOP Classes

... An SCU or SCP of the Breast Projection X-Ray Image Storage - For Processing SOP Class shall also support the Breast Projection X-Ray Image Storage - For Presentation SOP Class in the same role.

Modify section C.6.1.2.1.1 C-FIND SCU Conformance

... An implementation that conforms to one of the SOP Classes of the Patient Root SOP Class Group as an SCU shall state in its Conformance Statement whether it may generate Relational-queries. If it supports Relational-queries, then it shall also support extended negotiation of relational-queries as an SCU.

... Modify section C.6.1.2.2.1 C-FIND SCP Conformance

... An implementation that conforms to one of the SOP Classes of the Patient Root SOP Class Group as an SCP shall state in its Conformance Statement whether it supports Relational-queries. If it supports Relational-queries, then it shall also support extended negotiation of relational-queries as an SCP.

... Modify section C.6.2.2.1.1 C-FIND SCU Conformance

... An implementation that conforms to one of the SOP Classes of the Study Root SOP Class Group as an SCU shall state in its Conformance Statement whether it may generate Relational-queries. If it supports Relational Search, then it shall also support extended negotiation of relational-queries as an SCU.

... Modify section C.6.2.2.2.1 C-FIND SCP Conformance

... An implementation that conforms to one of the SOP Classes of the Study Root SOP Class Group as an SCP shall state in its Conformance Statement whether it supports Relational Search. If it supports Relational Search, then it shall also support extended negotiation of relational-queries as an SCP.