

DICOM Correction Proposal Form

Correction Number		CP-368
Log Summary: Redundant conditions in Acquisition Context		
Type of Modification	Name of Standard	
Clarification	PS 3.3 2003	
Rationale for Correction In the Acquisition Context Module, many conditions are predicated on the Concept Name Code Sequence attribute, but since this is always present, the conditions are redundant. Additionally, Value Type (0040,A040) is added to make the Acquisition Context Sequence consistent with other Content Item sequences.		
Sections of documents affected PS 3.3 C.7.6.14		
Correction Wording:		

Table C.7.6.14-1 - ACQUISITION CONTEXT MODULE ATTRIBUTES

Attribute Name	Tag	Type	Attribute Description
Acquisition Context Sequence	(0040,0555)	2	A sequence of repeating items that describes the conditions present during the acquisition of an image the data of the SOP Instance . Zero or more items may be included in this sequence.
>Value Type	(0040,A040)	3	The type of the value encoded in this Item. Defined Terms: _____ TEXT _____ NUMERIC _____ CODE _____ DATE _____ TIME _____ PNAME See Section 10.2.

>Concept Name Code Sequence	(0040,A043)	1C	<p>A concept that constrains the meaning of (i.e. defines the role of) the Observation Value. The "Name" component of a Name/Value pair. This sequence shall contain exactly one item.</p> <p>Required if a sequence item is present.</p>
>>Include 'Code Sequence Macro' Table 8.8-1			No Baseline Context is defined.
>Referenced Frame Numbers	(0040,A136)	1C	<p>References one or more frames in a Multi-frame SOP Instance. The first frame shall be denoted as frame number one.</p> <p>Required if Acquisition Context Sequence (0040,0555) is sent and this SOP Instance is a Multi-frame SOP Instance and the values in this sequence item do not apply to all frames.</p>
>Numeric Value	(0040,A30A)	1C	<p>This is the Value component of a Name/Value pair when the Concept implied by Concept Name Code Sequence (0040,A043) is a set of one or more numeric values.</p> <p>Required if the value which Concept Name Code Sequence (0040,A043) is present and the value it requires (implies) is a set of one or more integers or real numbers. Shall not be present otherwise.</p>
>Measurement Units Code Sequence	(0040,08EA)	1C	<p>Units of measurement. Only a single Item shall be permitted in this Sequence.</p> <p>Required if a sequence item is present and Numeric Value (0040,A30A) is sent. Shall not be present otherwise.</p>
>>Include 'Code Sequence Macro' Table 8.8-1			Baseline Context ID is 82.
>Date	(0040,A121)	1C	<p>This is the Value component of a Name/Value pair when the Concept implied by Concept Name Code Sequence (0040,A043) is a date.</p> <p>Note: The purpose or role of the date value could be specified in Concept Name Code Sequence (0040,A043).</p> <p>Required if the value which Concept Name Code Sequence (0040,A043) is present and the value it requires (implies) is a date. Shall not be present otherwise.</p>

>Time	(0040,A122)	1C	<p>This is the Value component of a Name/Value pair when the Concept implied by Concept Name Code Sequence (0040,A043) is a time.</p> <p>Note: The purpose or role of the time value could be specified in Concept Name Code Sequence (0040,A043).</p> <p>Required if the value which Concept Name Code Sequence (0040,A043) is present and the value it-requires (implies) is a time. Shall not be present otherwise.</p>
>Person Name	(0040,A123)	1C	<p>This is the Value component of a Name/Value pair when the Concept implied by Concept Name Code Sequence (0040,A043) is a Person Name.</p> <p>Note: The role of the person could be specified in Concept Name Code Sequence (0040,A043).</p> <p>Required if the value which Concept Name Code Sequence (0040,A043) is present and the value it-requires (implies) is a person name. Shall not be present otherwise.</p>
>Text Value	(0040,A160)	1C	<p>This is the Value component of a Name/Value pair when the Concept implied by Concept Name Code Sequence (0040,A043) is a Text Observation Value.</p> <p>Required if Date (0040,A121), Time (0040,A122), and Person Name (0040,A123) do not fully describe the concept specified by Concept Name Code Sequence (0040,A043). Shall not be present otherwise.</p>
>Concept Code Sequence	(0040,A168)	1C	<p>This is the Value component of a Name/Value pair when the Concept implied by Concept Name Code Sequence (0040,A043) is a Coded Value. This sequence shall contain exactly one item.</p> <p>Required if a sequence item is present and Date (0040,A121), Time (0040,A122), Person Name (0040,A123), Text Value (0040,A160), and the pair of Numeric Value (0040,A30A) and Measurement Units Code Sequence (0040,08EA) are not present.</p>
>>Include 'Code Sequence Macro' Table 8.8-1			No Baseline Context is defined.
Acquisition Context Description	(0040,0556)	3	Free-text description of the image-acquisition context.