

DICOM Correction Proposal

STATUS	Assigned
Date of Last Update	2019/04/26
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Correction Number	CP-1913
Log Summary: Coding Scheme Version requires Coding Scheme Designator to be present	
Name of Standard PS3.3	
Rationale for Correction: The Basic Code Sequence Macro currently allows the encoding of a coded entry with Coding Scheme Version (0008,0103) even though no Coding Scheme Designator (0008,0102) is specified: when the code value is encoded as URN Code Value (0008,0120), there is no requirement to specify the Coding Scheme Designator (0008,0102), since the condition is not met, but the phrase "May be present otherwise" for the Coding Scheme Version (0008,0103) attribute still allows for encoding the version. The proposal is to add a sentence making clear that Coding Scheme Version (0008,0103) should only be present if Coding Scheme Designator (0008,0102) is also present.	
Correction Wording:	

Change PS3.3 Section 8.8

8.8 Standard Attribute Sets for Code Sequence Attributes

[Table 8.8-1](#) specifies the default set of Attributes encapsulated in the Items of Code Sequence Attributes. These Attributes comprise the Code Sequence Macro.

Note

The instruction "*Include [Table 8.8-1](#) "Code Sequence Macro Attributes"*" may be used in an Information Object Definition as a concise way to indicate that the Attributes of [Table 8.8-1](#) are included in the specification of the Attribute Set of a Sequence of Items. Additional constraints on the Code Sequence Data Element (such as a Context Group that defines the value set) may be appended to the "*Include [Table 8.8-1](#) "Code Sequence Macro Attributes"*" instruction.

The default specifications of this Section are overridden within the scope of a Sequence Item or Code Sequence Attribute or IOD by corresponding specifications defined within the scope of that Sequence Item or Code Sequence Attribute or IOD. Additional Attributes may also be specified by the instantiation of the Macro.

The Basic Coded Entry Attributes fully define a Coded Entry. If it is desired to convey the list from which a code has been chosen, then the optional Enhanced Encoding Mode Attributes may also be present.

Table 8.8-1a. Basic Code Sequence Macro Attributes

Attribute Name	Tag	Type	Attribute Description
<i>BASIC CODED ENTRY ATTRIBUTES</i>			
Code Value	(0008,0100)	1C	The identifier of the Coded Entry. See Section 8.1 .

Attribute Name	Tag	Type	Attribute Description
			Shall be present if the code value length is 16 characters or less, and the code value is not a URN or URL.
Coding Scheme Designator	(0008,0102)	1C	<p>The identifier of the coding scheme in which the Coded Entry is defined.</p> <p>See Section 8.2.</p> <p>Shall be present if Code Value (0008,0100) or Long Code Value (0008,0119) is present. May be present otherwise.</p>
Coding Scheme Version	(0008,0103)	1C	<p>An identifier of the version of the coding scheme if necessary to resolve ambiguity.</p> <p>See Section 8.2. Required if the value of Coding Scheme Designator (0008,0102) is present and is not sufficient to identify the Code Value (0008,0100) or Long Code Value (0008,0119) or URN Code Value (0008,0120) unambiguously. Shall not be present if Coding Scheme Designator (0008,0102) is absent. May be present otherwise.</p>
Code Meaning	(0008,0104)	1	<p>Text that conveys the meaning of the Coded Entry.</p> <p>See Section 8.3.</p>
Long Code Value	(0008,0119)	1C	<p>The identifier of the Coded Entry.</p> <p>See Section 8.1.</p> <p>Shall be present if Code Value (0008,0100) is not present and the Code Value is not a URN or URL.</p>
URN Code Value	(0008,0120)	1C	<p>The identifier of the Coded Entry.</p> <p>See Section 8.1.</p> <p>Shall be present if Code Value (0008,0100) is not present and the Code Value is a URN or URL.</p>