

Correction Number	CP - 44												
Log Summary: Clarification on the multiplicity of Items in a sequence													
Type of Modification Clarification and correction of typos	Name of Standard PS 3.3-1996 Information Object Definitions												
<p>Rationale for Correction:</p> <p>It is impossible to determine from the attribute description if a sequence is allowed to contain only a single Item or may contain more than one Item. This information should be explicitly stated in the attribute description of the sequence element, as it has been done in two or three places in the Standard.</p>													
<p>Sections of Document Affected:</p> <p>Annex C (Normative) Information Module Definitions: 32 occurrences of sequence elements in Tables C.2-1 to C.13.10. See "Table of Attributes with VR SQ".</p>													
<p>Correction Wording:</p> <p>One of the following sentences should be included in the attribute description of elements with Value Representation SQ:</p> <table> <thead> <tr> <th>Number of Items:</th> <th>Suggested sentence:</th> </tr> <tr> <th>-----</th> <th>-----</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Only a single Item shall be permitted in this sequence.</td> </tr> <tr> <td>0-1</td> <td>Zero or one Item may be included in this sequence</td> </tr> <tr> <td>0-n</td> <td>Zero or more Items may be included in this sequence.</td> </tr> <tr> <td>1-n</td> <td>One or more Items may be included in this sequence.</td> </tr> </tbody> </table> <p>The attached "Tables of Attributes with VR SQ" shows the "Suggested Attribute Description" for attributes with VR = SQ of the published DICOM Standard.</p>		Number of Items:	Suggested sentence:	-----	-----	1	Only a single Item shall be permitted in this sequence.	0-1	Zero or one Item may be included in this sequence	0-n	Zero or more Items may be included in this sequence.	1-n	One or more Items may be included in this sequence.
Number of Items:	Suggested sentence:												
-----	-----												
1	Only a single Item shall be permitted in this sequence.												
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Tag	Name	Suggested Attribute Description	Tables	Number of Items
0008,0082	Institution Code Sequence	A sequence that conveys the healthcare facility identification. Only a single Item shall be permitted in this sequence.	C.3-2	1
0008,1032	Procedure Code Sequence	A sequence that conveys the (single) type of procedure performed. Only a single Item shall be permitted in this sequence.	C.4-9	1
0008,1084	Admitting Diagnosis Code Sequence	A sequence that conveys the admitting diagnosis. One or more Items may be included in this sequence.	C.3-4	1-n
0008,1100	Referenced Results Sequence	Uniquely identifies the results SOP Instances for which the interpretation SOP Instance applies. Zero or more Items may be included in this sequence. ----- Uniquely identifies the results SOP Instance for which the interpretation SOP Instance applies. Only a single Item shall be permitted in this sequence.	C.4-1 C.6-1	0-n 1
0008,1110	Referenced Study Sequence	Uniquely identifies the Study SOP Instances associated with One or more Items may be included in this sequence.	C.2-1, C.3-1,	1-n
0008,1115	Referenced Series Sequence	Sequence of Repeating Items where each Item includes the Attributes of a Series. Zero or more Items may be included in this sequence.	C.4-7, C.7-21	0-n
0008,1120	Referenced Patient Sequence	Uniquely identifies the Patient SOP Instance that relates to Only a single Item shall be permitted in this sequence. ----- A sequence that provides reference to a Patient SOP Class/Instance pair. Only a single Item shall be permitted in this sequence.	C.3-1, C.4-1, C.7-1	1 1
0008,1125	Referenced Visit Sequence	Uniquely identifies the Visit SOP Instances associated with this One or more Items may be included in this sequence.	C.2-1, C.4-1	1-n
0008,1130	Referenced Overlay Sequence	A sequence which provides reference to a set of SOP Class/Instance pairs which are related independent Overlays. Uniquely identifies Overlays significantly related to this Zero or more Items may be included in this sequence.	C.8-18, C.10-1	0-n
0008,1140	Referenced Image Sequence	Sequence of Repeating Items where each Item provides reference to a set of Image SOP Class/SOP Instance pairs that are contained in the Series ... [text may differ]. One or more Items may be included in this sequence.	C.4-7, C.7-21, C.9-1, C.10-1, C.10-3, C.11-3 -----	1-n -----

Tag	Name	Suggested Attribute Description	Tables	Number of Items
		----- A sequence which provides reference to an Image SOP Class/Instance pair and a specific Frame Number in Multi-frame instances. Only a single Item shall be permitted in this sequence.	C.13-6	1
0008,1145	Referenced Curve Sequence	A sequence which provides reference to a set of SOP Class/Instance pairs which are related independent Curves. Uniquely identifies Curves significantly related to this Zero or more Items may be included in this sequence.	C.10-1	0-n
0008,2112	Source Image Sequence	A sequence which identifies the set of images SOP class/SOP instance pairs of the Images which were used to derive this Image. Zero or more Items may be included in this sequence.	C.7-7	0-n
0010,0050	Patient's Insurance Plan Code Sequence	A sequence that conveys the patient's insurance plan. Zero or more Items may be included in this sequence.	C.2-3	0-n
0018,6011	Sequence of Ultrasound Regions	Defines a sequence of Ultrasound regions. One or more Items may be included in this sequence.	C.8-17	1-n
0032,1064	Requested Procedure Code Sequence	A sequence that conveys the requested procedure. One or more Items may be included in this sequence.	C.4-4	1-n
0038,0004	Referenced Patient Alias Sequence	Uniquely identifies any Patient SOP Instances which also describe this patient. These SOP Instances are aliases. Zero or more Items may be included in this sequence.	C.2-1	0-n
0038,0044	Discharge Diagnosis Code Sequence	A sequence that conveys the discharge diagnosis. One or more Items may be included in this sequence.	C.3-5	1-n
2000,0500	Referenced Film Box Sequence	A sequence that provides reference to a set of Film Box SOP Class/Instance pairs. Zero or more Items may be included in this sequence.	C.13-2	0-n
2010,0500	Referenced Film Session Sequence	A sequence that provides reference to a Film Session SOP Class/Instance pairs. Only a single Item shall be permitted in this sequence.	C.13-4	1
2010,0510	Referenced Image Box Sequence	A sequence that provides reference to a set of Image Box SOP Class/Instance pairs. One or more Items may be included in this sequence.	C.13-4	1-n
2010,0520	Referenced Basic Annotation Box Sequence	A sequence that provides reference to a set of Basic Annotation Box SOP Class/Instance pairs. Zero or more Items may be included in this sequence.	C.13-4	0-n

Tag	Name	Suggested Attribute Description	Tables	Number of Items
2020,0110	Preformatted Grayscale Image Sequence	A sequence which provides the content of the Preformatted Grayscale Image Pixel Attributes. Zero or one Item may be included in this sequence. ...	C.13-5	0-1
2020,0111	Preformatted Color Image Sequence	A sequence which provides the content of the Preformatted Color (RGB) Image Pixel Attributes. Zero or one Item may be included in this sequence. ...	C.13-5	0-1
2020,0130	Referenced Image Overlay Box Sequence	A sequence that provides reference to an Image Overlay Box SOP Class/Instance pairs and ... instances. Zero or one Item may be included in this sequence.	C.13-6	0-1
2020,0140	Referenced VOI LUT Box Sequence	A sequence which provides reference to a VOI LUT SOP Class/Instance pair. Only a single Item shall be permitted in this sequence.	C.13-6	1
2040,0010	Referenced Overlay Plane Sequence	A sequence which provides reference to a set of image overlay planes. Zero or more Items may be included in this sequence.	C.13-10	0-n
2040,0500	Referenced Image Box Sequence	A sequence that provides reference to an Image Box SOP Class/Instance pair. Only a single Item shall be permitted in this sequence.	C.13-11	1
4008,0050	Referenced Interpretation Sequence	Uniquely identifies the report SOP Instances and the amendment SOP Instances which comprise the results SOP Instance. Zero or more Items may be included in this sequence.	C.5-1	0-n
4008,0111	Interpretation Approver Sequence	Identifies the approvers of the interpretation. Zero or more Items may be included in this sequence.	C.6-6	0-n
4008,0117	Interpretation Diagnosis Code Sequence	A sequence that conveys the interpretation diagnosis. One or more Items may be included in this sequence.	C.6-6	1-n
4008,0118	Result Distribution List Sequence	Names and Addresses of persons to receive a copy of the report and the amendments. Zero or more Items may be included in this sequence.	C.6-6	0-n