

DICOM Correction Proposal Form

Correction Number		CP-216
Log Summary: Restrict SR COMPOSITE, IMAGE and WAVEFORM to one reference		
Type of Modification	Name of Standard	
Clarification	PS 3.3 2000	
Rationale for Correction		
<p>Unlike all the other SR value types which allow only a single value, the COMPOSITE type allows 1 or more objects (and hence so does IMAGE and WAVEFORM). The singular in the introductory text conflicts with the plural in the macro table. Should not this be restricted to one reference (probably a cut and paste error from the use of the referenced SOP class/instance UID text from elsewhere) ?</p>		
Sections of documents affected		
PS 3.3 Table C.17.3-1, C.18.3		
Correction Wording:		

**Table C.17.3-1
 VALUE TYPE DEFINITIONS**

Value Type	Concept Name	Concept Value	Description
...
COMPOSITE	Purpose of Reference	Reference to UIDs of Composite SOP Instances	A reference to one or more Composite SOP Instances which are is not an Images or Waveforms.
IMAGE	Purpose of Reference	Reference to UIDs of Image Composite SOP Instances	A reference to one or more Image(s). IMAGE Content Item may convey a reference to a Softcopy Presentation State associated with the Image.
WAVEFORM	Purpose of Reference	Reference to UIDs of Waveform Composite SOP Instances	A reference to one or more Waveform(s).
...

C.18.3 Composite Object Reference Macro

Table C.18.3-1 specifies the Attributes that convey a reference to a DICOM Composite Object that is not a DICOM Image or Waveform (such as an SR Document).

- Notes:
1. If a Softcopy Presentation State is to be applied to an Image, it should be referenced by an Image Reference Macro.
 2. Other SR Documents may be referenced by this macro, but there is no facility to reference individual Content Items within those reports.

Table C.18.3-1
COMPOSITE OBJECT REFERENCE MACRO ATTRIBUTES

Attribute Name	Tag	Type	Attribute Description
Referenced SOP Sequence	(0008,1199)	1	Contains a reference to a Composite Object SOP Class/SOP Instance pair. One or more items may be included in this sequence. <u>Only a single Item shall be permitted in this sequence.</u>
>Referenced SOP Class UID	(0008,1150)	1	Uniquely identifies the referenced SOP Class..
>Referenced SOP Instance UID	(0008,1155)	1	Uniquely identifies the referenced SOP Instance.