

DICOM Correction Proposal

STATUS	Final Text
Date of Last Update	2011/10/19
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Correction Number	CP-1150
Log Summary:	Inconsistent Raw Data reference in Enhanced PET
Name of Standard	PS 3.3 – 2011
Rationale for Correction	In the Enhanced PET IOD, Referenced Raw Data sequence (0008,9121) is defined in terms of the 'Image SOP Instance Reference Macro', Table 10-3, but in all other IODs it is defined in terms of the 'Hierarchical SOP Instance Reference Macro', Table C.17-3.
Sections of documents affected	PS 3.3 C.8.22.3
Correction Wording:	

C.8.22.3 Enhanced PET Image Module

Table C.8.22-3 specifies the attributes of the Enhanced PET Image Module.

**Table C.8.22-3
ENHANCED PET IMAGE MODULE ATTRIBUTES**

Attribute Name	Tag	Type	Attribute Description
...			
Referenced Raw Data Sequence	(0008,9121)	3	<p>A sequence that identifies the set of Raw Data SOP Class/Instance pairs of the Raw data that were used to derive this Image.</p> <p>One or more Items may be included in this Sequence.</p> <p>Note: The items of in this sequence may identify raw data that has not been stored or encoded as a DICOM object. This allows recognition that images and spectra in different instances have been reconstructed from the same raw data. For such items the SOP Class UID would be "1.2.840.10008.5.1.4.1.1.20" (Raw Data SOP Class) and the SOP Instance UID would be any appropriate UID.</p>
<p>>Include <u>Image Hierarchical</u> SOP Instance Reference Macro' Table 10-3C.17-3</p>			

Referenced Waveform Sequence	(0008,113A)	3	References to waveforms acquired in conjunction with this image. These Waveforms may or may not be temporally synchronized with this image. One or more Items may be included in this sequence.
>Include ' <u>Hierarchical</u> SOP Instance Reference Macro' Table C.17-3			Defined CID 7004.
Referenced Image Evidence Sequence	(0008,9092)	1C	Full set of Composite SOP Instances referring to image SOP Instances inside the frames of this Enhanced PET Image SOP Instance. See C.8.13.2.1.2 for further explanation. One or more Items may be included in this sequence. Required if the Referenced Image Sequence (0008,1140) is present.
>Include ' <u>Hierarchical</u> SOP Instance Reference Macro' Table C.17-3			
Source Image Evidence Sequence	(0008,9154)	1C	Full set of Composite SOP Instances used as source image SOP Instances inside the frames of this Enhanced PET Image SOP Instance. See C.8.13.2.1.2 for further explanation. One or more Items may be included in this sequence. Required if the Source Image Sequence (0008,2112) is present.
>Include ' <u>Hierarchical</u> SOP Instance Reference Macro' Table C.17-3			
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