

## DICOM Correction Proposal

STATUS	Assigned
Date of Last Update	2012/08/22
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Submission Date	2012/06/05

Correction Number	CP-1238
Log Summary: Inappropriate for Mandatory Synchronization Module in Enhanced US Volume	
Name of Standard PS 3.3 - 2011	
Rationale for Correction:  The Enhanced US Volume Information Object Definition specifies that the Synchronization Module (C.7.4.2) be Mandatory in all Enhanced US Volume objects. However, it is only necessary for this module to be present if there are one or more Waveform objects associated with the Enhanced US Volume object (i.e., included in an item of Referenced Instance Sequence (0018,114A)). It is an unnecessary complication to require this module otherwise.  Other Enhanced image objects make this module Conditional on clinical need.	
Correction Wording: PS 3.3 Table A.1-1, A.59.3	

*PS 3.3 Correct Table A.1-1*

IODs Modules	Enh. US Vol
Patient	M
Clinical Trial subject	U
General Study	M
Patient Study	U
Clinical Trial Study	U
General Series	M
Enhanced US Series	M
Clinical Trial Series	U
Frame Of Reference	M
Ultrasound Frame of Reference	M
Synchronization	<del>M</del> -C
General Equipment	M
Enhanced General Equipment	M

General Image	M
Image Pixel	M
Enhanced Contrast/Bolus	C
Multi-frame Functional Groups	M
Multi-frame Dimension	M
Cardiac Synchronization	C
Respiratory Synchronization	C
Device	U
Acquisition Context	M
Specimen	U
Enhanced Palette Color Lookup Table	U
Enhanced US Image	M
IVUS Image	C
Excluded Intervals	U
SOP Common	M

*PS 3.3 Correct IOD Module Table in Enhanced US Volume IOD Module Table*

### A.59.3 Enhanced US Volume IOD Module Table

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**Table A.59-1  
ENHANCED ULTRASOUND VOLUME IOD MODULES**

IE	Module	Reference	Usage
Patient	Patient	C.7.1.1	M
	Clinical Trial Subject	C.7.1.3	U
Study	General Study	C.7.2.1	M
	Patient Study	C.7.2.2	U
	Clinical Trial Study	C.7.2.3	U
Series	General Series	C.7.3.1	M
	Enhanced US Series	C.8.24.1	M
	Clinical Trial Series	C.7.3.2	U
Frame of Reference	Frame of Reference	C.7.4.1	M
	Ultrasound Frame of Reference	C.8.24.2	M
	Synchronization	C.7.4.2	<b>M C - Required if waveforms are acquired in conjunction with image acquisition or if Modality = IVUS. May be present otherwise.</b>
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