

DICOM Correction Item

Correction Number CP-625	
Log Summary: Clarify Breast Ultrasound Terminology	
Type of Modification Clarification and Addition	Name of Standard PS 3.16-2006
<p>Rationale for Correction:</p> <p>WG 15 seeks to update some of the changes that WG 6 made to CP-527 between Letter Ballot and Final Text in response to ballot comments. Multiple clinical mammography resources gave input to this correction proposal and agreed that the Posterior Acoustic Features descriptors would be more clinically accurate if edited as described in Item #1 below.</p> <p>WG 12 has reviewed the terms in CID 12224, and recommends addition of "Power Doppler" and "3D mode". WG 12 has identified "Color Doppler" as a synonym of "Doppler Color Flow", and thus it should not be added to the list as proposed in CP-527.</p>	
<p>Sections of documents affected</p> <p>PS 3.16, Annex B, Annex D</p>	
Correction Wording:	

Item #1: Edit the following context groups in Part 16, Annex B:

CID 6155 Posterior acoustic features

Context ID 6155
Posterior acoustic features
Type: Extensible Version: 2005082260622

Note: From BI-RADS®

Coding Scheme Designator (0008,0102)	Code Value (0008,0100)	Code Meaning (0008,0104)
DCM	111367	No posterior acoustic features
DCM	111368	Echo Posterior enhancement
DCM	111369	Echo Posterior shadowing
DCM	111370	Combined echo pattern posterior enhancement and shadowing

CID 12224 Ultrasound Image Modes

Context ID 12224
Ultrasound Image Modes
 Type: Extensible Version: 2003091860612

Coding Scheme Designator (0008,0102)	Code Value (0008,0100)	Code Meaning (0008,0104)
SRT	G-03A2	2D mode
SRT	R-409E2	Doppler Color Flow
SRT	G-0394	M mode
SRT	R-409E4	Doppler Pulsed
SRT	R-409E3	Doppler Continuous Wave
<u>DCM</u>	<u>125230</u>	<u>Power Doppler</u>
<u>DCM</u>	<u>125231</u>	<u>3D mode</u>

Item #2: Edit the following in Part 16, Annex D:

111368	<u>Echo Posterior</u> enhancement	Increased posterior echoes	
111369	<u>Echo Posterior</u> shadowing	Decreased posterior echoes; edge shadows are excluded	
111370	Combined <u>echo pattern posterior enhancement and shadowing</u>	More than one pattern of posterior attenuation, both shadowing and enhancement	

Item #3: Add the following to Part 16, Annex D:

125230	Power Doppler	Color coded ultrasound images of blood flow which depict the amplitude, or power, of Doppler signals.	
125231	3D mode	Volumetric ultrasound imaging	