

DICOM Correction Item

Correction Number CP-661	
Log Summary: Add Calculated Value for Vascular Calcifications	
Type of Modification Addition	Name of Standard PS 3.16 2006
Rationale for Correction: Clinical interest has been raised in support of quantifying the amount (e.g., area, volume, percentage) of vascular calcification present in a mammogram as a predictor of cardiac calcification. Since mammograms are a screening examination, clinicians have requested that CAD devices be able to quantify the amount of vascular calcification present. This Correction Proposal adds a new item to context group CID 6142.	
Sections of documents affected PS 3.16 Annex B, Annex D	
Correction Wording: See below.	

Modify PS 3.16, Annex B

CID 6142 Calculated Value

Context ID 6142
 Calculated Value

Type: Extensible Version: 2005032461023

Coding Scheme Designator (0008,0102)	Code Value (0008,0100)	Code Meaning (0008,0104)
DCM	112017	Cavity extent as percent of volume
DCM	112018	Calcification extent as percent of surface
DCM	112019	Calcification extent as percent of volume
DCM	112058	Calcium score
DCM	112191	Breast tissue density
DCM	112192	Volume of parenchymal tissue
DCM	112193	Volume of breast
DCM	112194	Mass of parenchymal tissue
DCM	112195	Mass of breast
<u>DCM</u>	<u>112196</u>	<u>Area of Vascular Calcification</u>
<u>DCM</u>	<u>112197</u>	<u>Volume of Vascular Calcification</u>
<u>DCM</u>	<u>112198</u>	<u>Percentage of Vascular Calcification</u>
<u>DCM</u>	<u>112199</u>	<u>Mass of Vascular Calcification</u>

Add to PS 3.16, Annex D

DICOM Code Definitions

(Coding Scheme Designator "DCM" Coding Scheme Version "01")

Code Value	Code Meaning	Definition
<u>112196</u>	<u>Area of Vascular Calcification</u>	<u>A measured or calculated area of vascular calcification</u>
<u>112197</u>	<u>Volume of Vascular Calcification</u>	<u>A measured or calculated volume of vascular calcification</u>
<u>112198</u>	<u>Percentage of Vascular Calcification</u>	<u>A measured or calculated percentage of vascular calcification</u>
<u>112199</u>	<u>Mass of Vascular Calcification</u>	<u>A measured or calculated mass of vascular calcification</u>