

DICOM Correction Item

Correction Number		CP-642
Log Summary: Correction of conditions CT Reconstruction Macro		
Type of Modification	Name of Standard	
Correction	PS 3.3 – 2006	
Rationale for Correction		
The second part of the condition for the Reconstruction Diameter and Reconstruction Field of View makes little sense because for both part the same value of Image Type Value 1 is mention. For the second part it must be DERIVED instead of original.		
Sections of documents affected		
PS 3.3 Section C.8.15.3.7		
Correction Wording:		

C.8.15.3.7 CT Reconstruction Macro

Table C.8-123 specifies the attributes of the CT Reconstruction Functional Group macro.

Table C.8-123
CT RECONSTRUCTION MACRO ATTRIBUTES

Attribute Name	Tag	Type	Attribute Description
...			
>Reconstruction Diameter	(0018,1100)	1C	<p>The diameter in mm of the region from which data were used in creating the reconstruction of the image. Data may exist outside this region and portions of the patient may exist outside this region. See C.8.15.3.6.1.</p> <p>Required if Frame Type (0008,9007) Value 1 of this frame is ORIGINAL and Reconstruction Field of View (0018,9317) is not present.</p> <p>Otherwise may be present if Frame Type (0008,9007) Value 1 of this frame is ORIGINALDERIVED and Reconstruction Field of View (0018,9317) is not present.</p>
>Reconstruction Field of View	(0018,9317)	1C	<p>The field of view width (x-dimension) followed by height (y-dimension) as used for reconstruction in mm.</p> <p>Required if Frame Type (0008,9007) Value 1 of this frame is ORIGINAL and Reconstruction Diameter (0018,1100) is not present.</p> <p>Otherwise may be present if Frame Type</p>

			(0008,9007) Value 1 of this frame is ORIGINALDERIVED and Reconstruction Diameter (0018,1100) is not present.
...			