

DICOM Correction Item

Correction Number		CP-778
Log Summary: Correct conditions on Pixel Aspect Ratio		
Type of Modification	Name of Standard	
Correction	PS 3.3 2007	
Rationale for Correction		
The Pixel Aspect Ratio is only relevant when the physical pixel spacing is not explicitly specified by some means, and the ratio is not 1:1. The description and condition of the Attribute are unclear about this.		
Sections of documents affected		
PS 3.3		
Correction Wording:		

C.7.6.3 Image Pixel Module

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**Table C.7-11b
 IMAGE PIXEL MACRO ATTRIBUTES**

Attribute Name	Tag	Type	Attribute Description
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Pixel Aspect Ratio	(0028,0034)	1C	Ratio of the vertical size and horizontal size of the pixels in the image specified by a pair of integer values where the first value is the vertical pixel size, and the second value is the horizontal pixel size. Required if the aspect ratio is not 1:1 values do not have a ratio of 1:1 and the <u>physical pixel spacing is not specified by Pixel Spacing (0028,0030), or Imager Pixel Spacing (0018,1164) or Nominal Scanned Pixel Spacing (0018,2010), either for the entire Image or per-frame in a Functional Group Macro. Image Plane Module or the Pixel Measures Macro is not applicable to this Image.</u> See C.7.6.3.1.7.
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