

DICOM Correction Item

Correction Number		CP 743
Log Summary: Correct diffusion b value units		
Type of Modification	Name of Standard	
Correction	PS 3.3 2007	
Rationale for Correction		
The units specified for diffusion b value are incorrect by a factor of 10^{-3} .		
Sections of documents affected		
PS 3.3 C.8.13.5.9		
Correction Wording:		

C.8.13.5.9 MR Diffusion Macro

Table C.8-96 specifies the attributes of the MR Diffusion Functional Group macro.

**Table C.8-96
 MR DIFFUSION MACRO ATTRIBUTES**

Attribute Name	Tag	Type	Attribute Description
MR Diffusion Sequence	(0018,9117)	1	Identifies the diffusion parameters of this frame. One Item shall be included in this sequence.
>Diffusion b-value	(0018,9087)	1C	Diffusion sensitization factor in mssec /mm ² . This is the actual b-value for original frames and those derived from frames with the same b-value, or the most representative b-value when derived from images with different b-values. Required if Frame Type (0008,9007) Value 1 of this frame is ORIGINAL. May be present otherwise.
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