

DICOM Correction Item

Correction Number		CP-515
Log Summary: Enhanced CT Filter Material		
Type of Modification	Name of Standard	
Correction	PS 3.3 2004	
Rationale for Correction		
It does not make sense to require a Filter Material when there is no Filter, and there is no suitable defined term. Also, the Filter Material may be mixed.		
Sections of documents affected		
PS 3.3 C.8.15.3.9		
Correction Wording:		

C.8.15.3.9 CT X-ray Details Macro

Table C.8-125 specifies the attributes of the CT X-ray Details Functional Group macro.

**Table C.8-125
CT X-RAY DETAILS SEQUENCE MACRO ATTRIBUTES**

Attribute Name	Tag	Type	Attribute Description
...
>Filter Type	(0018,1160)	1C	Type of filter(s) inserted into the X-Ray beam. Defined Terms: WEDGE BUTTERFLY MULTIPLE FLAT SHAPED NONE Required if Frame Type (0008,9007) Value 1 of this frame is ORIGINAL. May be present otherwise.
>Filter Material	(0018,7050)	1C	The X-Ray absorbing material used in the filter. May be multi-valued. Defined Terms: MOLYBDENUM ALUMINUM COPPER RHODIUM NIOBIUM EUROPIUM LEAD MIXED Note: MIXED may be used to

			<p><u>indicate a filter type of complex composition for which listing the individual materials would be excessive or undesirable; it is not intended to mean "unknown".</u></p> <p>Required if Frame Type (0008,9007) Value 1 of this frame is ORIGINAL <u>and the value of Filter Type (0018,1160) is other than NONE.</u> May be present otherwise.</p>
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