

DICOM Correction Item

Correction Number	CP-541	
Log Summary:	Add Purpose Code for Attenuation Correction	
Type of Modification	Name of Standard	
Addition	PS 3.16-2004	
Rationale for Correction:		
In a combined PET/CT study the CT data may be used to calculate attenuation correction for the PET data. It is useful for the PET data to reference the CT series with such a Purpose of Reference		
Sections of documents affected		
PS 3.16, Annex C, Context Group 7210		
PS 3.16, Annex D		
Correction Wording:		

Add code context group to Part 16 Annex B Context Group 7210

**CID 7210
 RELATED SERIES PURPOSES OF REFERENCE**

Type: Extensible Version: 20050822

Coding Scheme Designator (0008,0102)	Code Value (0008,0100)	Code Meaning (0008,0104)
DCM	122400	Simultaneously Acquired
DCM	122401	Same Anatomy
DCM	122402	Same Indication
<u>DCM</u>	<u>122403</u>	<u>For Attenuation Correction</u>

Add new codes to Part 16 Annex D

DICOM Code Definitions (Coding Scheme Designator “DCM” Coding Scheme Version “01”)

Code Value	Code Meaning	Definition
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<u>122403</u>	<u>For Attenuation Correction</u>	<u>The referenced information was used to correct the data for differential attenuation through different anatomic tissue.</u>