

## DICOM Correction Item

Correction Number		CP 689
Log Summary: Additional terms for CID 4033		
Type of Modification	Name of Standard	
Addition	PS 3.16 2006	
Rationale for Correction		
Additional terms for MR spectroscopy		
Sections of documents affected		
PS 3.16 Annexes B, D		
Correction Wording:		

### Annex B      DCMR Context Groups (Normative)

#### CID 4033      MR Proton Spectroscopy Metabolites

Context ID 4033  
 MR Proton Spectroscopy Metabolites  
 Type: Extensible      Version: ~~20040322~~yyyymmdd

Coding Scheme Designator (0008,0102)	Code Value (0008,0100)	Code Meaning (0008,0104)
SRT	F-6175A	N-acetylaspartate
<b><u>SRT</u></b>	<b><u>F-61080</u></b>	<b><u>Citrate</u></b>
SRT	F-61620	Choline
SRT	F-61380	Creatine
	<b><u>X113094</u></b>	<b><u>Creatine and Choline</u></b>
SRT	F-61760	Lactate
SRT	F-63600	Lipid
	<b><u>X113095</u></b>	<b><u>Lipid and Lactate</u></b>
DCM	113080	Glutamate and glutamine
SRT	F-64210	Glutamine
SRT	F-64460	Tuarine
SRT	F-61A90	Inositol
DCM	113081	Choline/Creatine Ratio
DCM	113082	N-acetylaspartate/Creatine Ratio
DCM	113083	N-acetylaspartate/Choline Ratio
	<b><u>X113096</u></b>	<b><u>Creatine+Choline/Citrate Ratio</u></b>

Note: For the purpose of this context group, where possible, the resonance peak in the spectrum corresponding to a particular metabolite is described using the concept from SNOMED for the substance corresponding to the metabolite. E.g. the code used for "lipid" is the code for "lipid (substance)", as this concept is effectively post-coordinated ~~pre-coordinated~~ by its use in the Metabolite Map Code Sequence (0018,9083) to mean "lipid resonance peaks in MR spectroscopy".

**Annex D      DICOM Controlled Terminology Definitions (Normative)**

<b><u>X113094</u></b>	<b><u>Creatine and Choline</u></b>	<b><u>For single-proton MR spectroscopy, the resonance peak corresponding to creatine and choline.</u></b>	
<b><u>X113095</u></b>	<b><u>Lipid and Lactate</u></b>	<b><u>For single-proton MR spectroscopy, the resonance peak corresponding to lipid and lactate.</u></b>	
<b><u>X113096</u></b>	<b><u>Creatine+Choline/ Citrate Ratio</u></b>	<b><u>For single-proton MR spectroscopy, the ratio between the Choline and Creatine resonance peak and the Citrate resonance peak.</u></b>	