

1	STATUS	Letter Ballot
2	Date of Last Update	2014/09/08
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5	Submitter Name	WG 3
6	Submission Date	2014/02/24

7	Correction Number CP-1373	
8	Log Summary: Add Alzheimers Disease PET Radiotracers	
9	Name of Standard	
10	PS 3.16 2014b	
11	Rationale for Correction:	
12	The Pittsburgh compound B amyloid agent is not included in the current list, and even though its clinical use may be superceded by	
13	flourine based agents now available, for comparative research purposes a code is needed.	
14	Use the name "Pittsburgh compound B" or "PIB", since there seems to be no USAN, and its IUPAC name is not recognizable:	
15	("[N-methyl- ¹¹ C]2-(4'-methylaminophenyl)-6-hydroxybenzothiazole")	
17	There is currently no SNOMED code.	
18	Additional F ¹⁸ amyloid and tau agents are now also available.	
19	Use existing UMLS terms where they are specific to the radiotracer (and not just the compund).	
20	Additionally, trade and experimental names are added to existing concepts for reference.	
21	Correction Wording:	

Amend DICOM PS 3.16 Content Mapping Resource - Context Groups as follows:

CID 4021 PET Radiopharmaceutical

Type: Extensible

Version: 20130207yyymmdd

Table CID 4021. PET Radiopharmaceutical

Coding Scheme Designator	Code Value	Code Meaning	Other Names
...
DCM	dddd1	Pittsburgh compound B C¹¹	PIB
DCM	dddd2	Florbetaben F¹⁸	NeuroCeq™
SRT	C-E0269	Florbetapir F ¹⁸	AV-45, Amyvid™
SRT	C-E0267	Flutemetamol F ¹⁸	Vizamyl™
UMLS	C2934038	Fluoropropyl-dihydrotetrabenazine (DTBZ) F¹⁸	AV-133
DCM	dddd3	T807 F¹⁸	AV-1451
DCM	dddd4	Flubatine F¹⁸	NCFHEB
...

Amend DICOM PS 3.16 - Content Mapping Resource - Controlled Terminology Definitions to add the following new concepts:

Table D-1. DICOM Controlled Terminology Definitions

Code Value	Code Meaning	Definition	Notes
dddd1	Pittsburgh compound B C ¹¹	A beta-amyloid PET radiotracer that is an analog of thioflavin T.	
dddd2	Florbetaben F ¹⁸	A beta-amyloid PET radiotracer.	
dddd3	T807 F ¹⁸	A PHF-tau PET radiotracer.	
dddd4	Flubatine F ¹⁸	A nicotinic α4β2 receptor (nAChR) PET radiotracer.	