

1	Status	Final Text
2	Date of Last Update	2019/01/234
3	Person Assigned	David Clunie
4		mailto:dclunie@dclunie.com
5	Submitter Name	Roberto Maass-Moreno
6		mailto:rmaass@cc.nih.gov
7	Submission Date	2018/05/10

8	Correction Number CP-1824	
9	Log Summary: Add more PMSA Targeting Radiopharmaceuticals	
10	Name of Standard	
11	PS3.16 2018e	
12	Rationale for Correction:	
13	A code is need for F18 prostate-specific membrane antigen (PSMA).	
14	CP1741 added only a Ga68 agent.	
15	There are also non-PET PSMA agents.	
16	Correction Wording:	

Amend DICOM PS3.16 as follows (changes to existing text are bold and underlined for additions and ~~struckthrough~~ for removals):

CID 25 Radiopharmaceuticals

Resources: HTML | FHIR JSON | FHIR XML | IHE SVS XML
 Type: Extensible
 Version: ~~20160314~~20190124
 UID: 1.2.840.10008.6.1.17

Table CID 25. Radiopharmaceuticals

Coding Scheme Designator	Code Value	Code Meaning	SNOMED-CT Concept ID	UMLS Concept Unique ID	Trade name (Informative) Other Names
SRT	C-163BA	Technetium ^{99m} N-pyridoxyl-5-methyltryptophan	447126009	C3897370	Hepatimage
<u>NCIt</u>	<u>C116887</u>	<u>Technetium^{99m} Trofolostat</u>		C3899042	<u>MIP 1404</u>

CID 4021 PET Radiopharmaceutical

Resources: HTML | FHIR JSON | FHIR XML | IHE SVS XML
 Type: Extensible
 Version: ~~20180327~~20190124
 UID: 1.2.840.10008.6.1.305

Table CID 4021. PET Radiopharmaceutical

Coding Scheme Designator	Code Value	Code Meaning	SNOMED-CT Concept ID	UMLS Concept Unique ID	Other Names
<u>NCIt</u>	<u>C96234</u>	<u>DCFBC F¹⁸</u>		<u>C2604127</u>	<u>N-[N-[(S)-1,3-dicarboxypropyl] carbamoyl]-4-fluorobenzyl-L-cysteine F¹⁸</u>
<u>NCIt</u>	<u>C116352</u>	<u>DCFPyL F¹⁸</u>		<u>C3492634</u>	<u>2-(3-(1-carboxy-5-[(6-fluoro-pyridine-3-carbonyl)-amino]-pentyl)-ureido)-pentanedioic acid F¹⁸</u>
<u>DCM</u>	<u>126758</u>	<u>PSMA-1007 F¹⁸</u>			
NCIt	C118961	PSMA- <u>11</u> Ga ⁶⁸		C3899042	Glu-NH-CO-NH-Lys(Ahx)-HBED-CC Ga ⁶⁸
<u>DCM</u>	<u>126759</u>	<u>PSMA-617 Ga⁶⁸</u>			

Table D-1. DICOM Controlled Terminology Definitions

Code Value	Code Meaning	Definition	Notes
<u>126758</u>	<u>PSMA-1007 F¹⁸</u>	<u>A PET radiotracer targeting PMSA used for prostate cancer imaging.</u> <u>See Giesel FL, Hadaschik B, Cardinale J, Radtke J, Vinsensia M, Lehnert W, et al. F-18 labelled PSMA-1007: biodistribution, radiation dosimetry and histopathological validation of tumor lesions in prostate cancer patients. Eur J Nucl Med Mol Imaging. 2017 Apr 1;44(4):678–88. doi:10.1007/s00259-016-3573-4. http://link.springer.com/article/10.1007/s00259-016-3573-4</u>	

Code Value	Code Meaning	Definition	Notes
<u>126759</u>	<u>PSMA-617 Ga⁶⁸</u>	A PET radiotracer targeting PMSA used for prostate cancer imaging. <u>See Afshar-Oromieh A, Hetzheim H, Kratochwil C, Benesova M, Eder M, Neels OC, et al. The Theranostic PSMA Ligand PSMA-617 in the Diagnosis of Prostate Cancer by PET/CT: Biodistribution in Humans, Radiation Dosimetry, and First Evaluation of Tumor Lesions. J Nucl Med. 2015 Nov 1;56(11):1697–705. doi: 10.2967/jnumed.115.161299. http://jnm.snmjournals.org/content/56/11/1697</u>	