DICOM Change Proposal

STATUS	Assigned
Date of Last Update	5 June 2025
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Submission Date	4 March 2025

Change Number	CP-2512
Log Summary: Add radiopharmaceutical codes	
Name of Standard PS3.16	

Rationale for Change:

Include additional Radiopharmaceuticals and Isotopes utilized in PET an NM.

References:

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Change Wording:

Amend PS3.16 Chapter B DCMR Context Groups Table CID 18 Radiopharmaceutical Isotope as follows

Table CID 18. Radiopharmaceutical Isotope

Coding Scheme Designator	Code Value	Code Meaning	SNOMED-RT ID	UMLS Concept Unique ID
…				
SCT	66956003	Iodine-122		C0303022
MSH	C000615359	Scandium-47		C4546991
SCT	68153002	Xenon-123		C0303674
MSH	C000615034	Terbium-149		C4546779
MSH	C000615038	Terbium-161		C4546782
MSH	C000615146	Astatine-211		C4546839
SCT	87401005	Lead-212		C0303247
MSH	C000615137	Bismuth-213		C4546830
SCT	32059002	Actinium-225		C0303084

Amend PS3.16 Chapter B DCMR Context Groups Table CID 25 Radiopharmaceutical as follows

Table CID 25. Radiopharmaceutical

Coding Scheme Designator	Code Value	Code Meaning	SNOMED-RT ID	UMLS Concept Unique ID	Trade name (Informative)
…					
SCT	1263794005	Lutetium Lu-177 vipivotide tetraxetan		C4308025	PLUVICTO

Amend PS3.16 Chapter B DCMR Context Groups Table CID 4021 PET Radiopharmaceutical as follows

Table CID 4021. PET Radiopharmaceutical

Coding Scheme Designator	Code Value	Code Meaning	SNOMED-RT ID	UMLS Concept Unique ID	Other Names
…					
SCT	764937002	Fluorothymidine (18-F)		C1432709	
SCT	771875003	N-Methylspiperone		C4750094	
DCM	newCODE1	Carbon-11 Glucose			
NCIt	C148167	Zirconium Z- 89 Pembrolizumab		C4724867	
MSH	C412822	(11C)DASB		C1570551	
NCIt	C90936	2-(C-11)Thymidine		C2983946	
NCIt	C62520	Fluoroazomycin arabinoside F-18		C1566975	18F-FAZA

Amend PS3.16 Table D-1. DICOM Controlled Terminology Definitions as follows

Table D-1. DICOM Controlled Terminology Definitions (Coding Scheme Designator "DCM" Coding Scheme Version "01")

Code Value	Code Meaning	Definition	Notes
…			
newCODE1	Carbon-11 Glucose	Carbon-11 Glucose PET Radiotracer.	