

1	STATUS	Letter Ballot
2	Date of Last Update	2014/09/08
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5	Submitter Name	WG 3
6	Submission Date	2014/03/15

7	Correction Number CP-1380	
8	Log Summary: Add Various NM Radionuclides	
9	Name of Standard	
10	PS 3.16 2014b	
11	Rationale for Correction:	
12	Various NM Radionuclides are not list in CID 18. Add them, using DCM codes if necessary for those not in SNOMED or UMLS.	
13	Correction Wording:	

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

CID 18 Isotopes in Radiopharmaceuticals

Type: Extensible
Version: 20110503yyymmdd

Table CID 18. Isotopes in Radiopharmaceuticals

Coding Scheme Designator	Code Value	Code Meaning
SRT	C-105A2	¹⁴ C Carbon
SRT	C-111A1	¹⁸ F Fluorine
SRT	C-155A1	²² Na Sodium
SRT	C-155A2	²⁴ Na Sodium
SRT	C-106A1	³² P Phosphorus
SRT	C-135A2	⁴² K Potassium
SRT	C-135A3	⁴³ K Potassium
SRT	C-129A2	⁵¹ Cr Chromium
SRT	C-144A3	⁵⁷ Co Cobalt
SRT	C-144A4	⁵⁸ Co Cobalt
SRT	C-130A3	⁵⁹ Fe Iron
SRT	C-144A6	⁶⁰ Co Cobalt
SRT	C-127A2	⁶⁴ Cu Copper
SRT	C-127A3	⁶⁷ Cu Copper
SRT	C-131A2	⁶⁷ Ga Gallium
SRT	C-116A3	⁷⁵ Se Selenium
SRT	C-173A5	^{81m} Kr Krypton
SRT	C-173A7	⁸⁵ Kr Krypton
SRT	C-158A3	⁸⁵ Strontium
SRT	C-158A5	^{87m} Strontium
SRT	C-158A6	⁸⁹ Strontium
SRT	C-162A7	⁹⁰ Yttrium
<u>SRT</u>	<u>C-180A2</u>	<u>⁹⁷Ruthenium</u>
SRT	C-163A8	^{99m} Tc Technetium
SRT	C-145A4	¹¹¹ In Indium
SRT	C-145A5	^{113m} In Indium
SRT	C-114A4	¹²³ I Iodine
SRT	C-114A6	¹²⁵ I Iodine
<u>SRT</u>	<u>C-172A5</u>	<u>¹²⁷Xenon</u>
SRT	C-114B1	¹³¹ I Iodine
SRT	C-122A5	¹³³ Ba Barium
SRT	C-172A8	¹³³ Xe Xenon
SRT	C-178A8	¹⁵³ Gd Gadolinium
SRT	C-B1134	¹⁵³ Sm Samarium
SRT	C-181A3	¹⁶⁹ Yb Ytterbium

Coding Scheme Designator	Code Value	Code Meaning
SRT	C-101ED	^177^Lutetium
<u>SRT</u>	<u>C-156A6</u>	<u>^178^Tantalum</u>
SRT	C-11906	^186^Rhenium
SRT	C-1018D	^188^Rhenium
<u>DCM</u>	<u>dddd1</u>	<u>^191m^Iridium</u>
SRT	C-146A9	^198^Gold
<u>SRT</u>	<u>C-146B1</u>	<u>^199^Gold</u>
SRT	C-138A9	^201^Thallium
<u>SRT</u>	<u>C-132A8</u>	<u>^203^Lead</u>
<u>SRT</u>	<u>C-136A2</u>	<u>^223^Radium</u>

Note

The use of this Context Group in the Radionuclide Code Sequence (0054,0300) of the PS3.3 Section A.5 "Nuclear Medicine Image IOD" requires a Coding Scheme Designator value of "99SDM".

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	^191m^Iridium	^191m^Iridium	