

DICOM Correction Item

Correction Number		CP-622
Log Summary: Additional isotopes and radiopharmaceuticals for NM.		
Type of Modification	Name of Standard	
Enhancement	PS 3.16-2004	
Rationale for Correction		
<p>The list of radiopharmaceuticals in CID 25 is not consistent with the list of isotopes in CID 18. That is, there are radiopharmaceuticals in CID 25 for which the corresponding isotope is not listed in CID18. This CP attempts to rectify that, and also to add a few new radiopharmaceuticals.</p> <p>Also a few typos are corrected. All references to "Indium^113" should be "Indium^113m". Similarly, there is no such thing as "Tc99c", so these are changed to "Tc99m".</p>		
Sections of documents affected		
PS 3.16 Context ID 18 and Context ID 25.		
Correction Wording:		

Add the following lines (shown in bold) to PS3.16 Context ID 18. The editor may sort this table by isotope name (e.g. Flourine, Iodine) if desired.

Context ID 18

Isotopes in Radiopharmaceuticals

Type: Extensible Version: 20020904

Coding Scheme Designator (0008,0102)	Code Value (0008,0100)	Code Meaning (0008,0104)
SNM3	C-111A1	^18^Fluorine
SNM3	C-114A4	^123^Iodine
SNM3	C-114A6	^125^Iodine
SNM3	C-114B1	^131^Iodine
SNM3	C-122A5	^133^Barium
SNM3	C-131A2	^67^Gallium
SNM3	C-138A9	^201^Thallium
SNM3	C-144A3	^57^Cobalt
SNM3	C-145A4	^111^Indium
SNM3	C-163A8	^99m^Technetium
SNM3	C-172A8	^133^Xenon
SNM3	C-173A7	^85^Krypton

SNM3	C-178A8	<u>^153^Gadolinium</u>
<u>SRT</u>	<u>C-105A2</u>	<u>^14^Carbon</u>
<u>SRT</u>	<u>C-106A1</u>	<u>^32^Phosphorus</u>
<u>SRT</u>	<u>C-129A2</u>	<u>^51^Chromium</u>
<u>SRT</u>	<u>C-146A9</u>	<u>^198^Gold</u>
<u>SRT</u>	<u>C-127A2</u>	<u>^64^Copper</u>
<u>SRT</u>	<u>C-127A3</u>	<u>^67^Copper</u>
<u>SRT</u>	<u>C-144A4</u>	<u>^58^Cobalt</u>
<u>SRT</u>	<u>C-144A6</u>	<u>^60^Cobalt</u>
<u>SRT</u>	<u>C-130A3</u>	<u>^59^Iron</u>
<u>SRT</u>	<u>C-145A5</u>	<u>^113m^Indium</u>
<u>SRT</u>	<u>C-181A3</u>	<u>^169^Ytterbium</u>
<u>SRT</u>	<u>C-135A2</u>	<u>^42^Potassium</u>
<u>SRT</u>	<u>C-135A3</u>	<u>^43^Potassium</u>
<u>SRT</u>	<u>C-11906</u>	<u>^186^Rhenium</u>
		<u>^188^Rhenium</u>
<u>SRT</u>	<u>C-B1134</u>	<u>^153^Samarium</u>
<u>SRT</u>	<u>C-116A3</u>	<u>^75^Selenium</u>
<u>SRT</u>	<u>C-155A1</u>	<u>^22^Sodium</u>
<u>SRT</u>	<u>C-155A2</u>	<u>^24^Sodium</u>
<u>SRT</u>	<u>C-158A3</u>	<u>^85^Strontium</u>
<u>SRT</u>	<u>C-158A5</u>	<u>^87m^Strontium</u>
<u>SRT</u>	<u>C-158A6</u>	<u>^89^Strontium</u>

Add the following changes (shown in bold) to PS3.16 Context ID 25

Context ID 25

Radiopharmaceuticals

Type: Extensible Version: 20020904

Coding Scheme Designator (0008,0102)	Code Value (0008,0100)	Code Meaning (0008,0104)
SNM3	C-B1302	Carbon ¹⁴ D-xylose
SNM3	C-B1300	Carbon ¹⁴ triolein
SNM3	C-B1304	Cholyl-carbon ¹⁴ glycine
SNM3	C-B1140	Chromic phosphate P ³²

SNM3	C-B1012	Chromium ⁵¹ albumin
SNM3	C-B1013	Chromium ⁵¹ chloride
SNM3	C-B1051	Colloidal gold Au ¹⁹⁸
SNM3	C-B1063	Colloidal Indium ¹¹¹
SNM3	C-B1017	Copper ⁶⁴ acetate
SNM3	C-B1016	Copper ⁶⁴ versenate
SNM3	C-B1018	Copper ⁶⁷ ceruloplasmin
SNM3	C-B1021	Cyanocobalamin Co ⁵⁷
SNM3	C-B1022	Cyanocobalamin Co ⁵⁸
SNM3	C-B1023	Cyanocobalamin Co ⁶⁰
SNM3	C-B1000	Diagnostic radioisotope, NOS
SNM3	C-B1092	Diiodofluorecein I ¹³¹
SNM3	C-B1062	Disodium indium ¹¹¹
SNM3	C-B1122	Ferrous chloride Fe ⁵⁹
SNM3	C-B1121	Ferrous citrate Fe ⁵⁹
SNM3	C-B1123	Ferrous sulfate Fe ⁵⁹
SNM3	C-B1082	Fibrinogen I ¹²³
SNM3	C-B1031	Fluorodeoxyglucose F ¹⁸
SNM3	C-B1041	Gallium ⁶⁷ citrate
SNM3	C-B1061	Indium ¹¹¹ pentetate
SNM3	C-B1066	Indium ¹¹¹ red cell label
SNM3	C-B1067	Indium ¹¹¹ transferrin
SNM3	C-B1065	Indium ¹¹¹ -Fe(OH) ₃
		<u>Indium¹¹¹oxyquinoline WBC label</u>
SNM3	C-B1068	Indium ^{113m} bleomycin
SNM3	C-B1069	Indium ^{113m} chloride
SNM3	C-B1072	Indium ^{113m} oxoquinoline platelet label
SNM3	C-B1073	Indium ^{113m} oxoquinoline RBC label
SNM3	C-B1071	Indium ^{113m} oxoquinoline WBC label
SNM3	C-B1070	Indium ^{113m} pentetate
SNM3	C-B1084	Iodinated I ¹²⁵ albumin
SNM3	C-B1100	Iodinated I ¹²⁵ human serum albumin
SNM3	C-B1094	Iodinated I ¹²⁵ levothyroxine
SNM3	C-B1093	Iodinated I ¹²⁵ oleic acid and triolein
SNM3	C-B1096	Iodinated I ¹²⁵ povidone
SNM3	C-B1097	Iodinated I ¹²⁵ Rose Bengal
SNM3	C-B1098	Iodinated I ¹²⁵ sealed source
SNM3	C-B1099	Iodinated I ¹²⁵ sodium iodine
SNM3	C-B1090	Iodinated I ¹³¹ aggregated albumin
SNM3	C-B1089	Iodinated I ¹³¹ albumin

SNM3	C-B1111	Iodinated I ¹³¹ gamma globulin
SNM3	C-B1109	Iodine ¹³¹ polyvinylpyrrolidone
SNM3	C-B1087	Iodocholesterol I ¹³¹
SNM3	C-B1095	Iodohippurate I ¹²³ sodium
SNM3	C-B1105	Iodohippurate I ¹²⁵ sodium
SNM3	C-B1091	Iodohippurate I ¹³¹ sodium
SNM3	C-B1108	lofetamine I ¹²³ hydrochloride
SNM3	C-B1088	lothalamate sodium I ¹²⁵
SNM3	C-B1124	Iron Fe ⁵⁹ labeled dextran
SNM3	C-B1083	Oleic acid I ¹²⁵
SNM3	C-B1251	Pentetate calcium trisodium Yb ¹⁶⁹
SNM3	C-B1151	Potassium carbonate K ⁴²
SNM3	C-B1152	Potassium chloride K ⁴²
SNM3	C-B1150	Potassium chloride K ⁴³
SNM3	C-B1085	Rose Bengal sodium I ¹³¹
SNM3	C-B1172	Selenium ⁷⁵ HCAT
SNM3	C-B1171	Selenomethionione Se ⁷⁵
SNM3	C-B1176	Sodium chloride Na ²²
SNM3	C-B1175	Sodium chloride Na ²⁴
SNM3	C-B1011	Sodium chromate Cr ⁵¹
SNM3	C-B1032	Sodium fluoride F ¹⁸
SNM3	C-B1081	Sodium iodide I ¹²³
SNM3	C-B1086	Sodium iodide I ¹³¹
SNM3	C-B1206	Sodium pertechnetate Tc ^{99m}
SNM3	C-B1142	Sodium phosphate P ³²
SNM3	C-B1180	Strontium chloride Sr ⁸⁵
SNM3	C-B1181	Strontium chloride Sr ⁸⁷
SNM3	C-B1182	Strontium nitrate Sr ⁸⁵
SNM3	C-B1183	Strontium nitrate Sr ⁸⁷
SNM3	C-B1225	Technetium Tc ^{99m} N-substituted iminodiacetate
SNM3	C-B1224	Technetium Tc ^{99m} tagged red cells
SNM3	C-B1205	Technetium Tc ^{99m} albumin microspheres
<u>SRT</u>	<u>C-B1133</u>	<u>Technetium Tc^{99m} depreotide</u>
SNM3	C-B1207	Technetium Tc ^{99m} disofenin
SNM3	C-B1223	Technetium Tc ^{99m} exametazine
SNM3	C-B1210	Technetium Tc ^{99m} iron ascorbate
SNM3	C-B1209	Technetium Tc ^{99m} lidofenin
SNM3	C-B1208	Technetium Tc ^{99m} mebrofenin
SNM3	C-B1212	Technetium Tc ^{99m} medronate

SNM3	C-B1213	Technetium Tc ^{99m} oxidronate
SNM3	C-B1214	Technetium Tc ^{99m} pentetate
SNM3	C-B1215	Technetium Tc ^{99m} pyro and polyphosphates
SNM3	C-B1216	Technetium Tc ^{99m} serum albumin
		<u>Technetium Tc^{99m} sestamibi</u>
SNM3	C-B1220	Technetium Tc ^{99m} sodium glucoheptonate
SNM3	C-B1211	Technetium Tc ^{99m} stannous etidronate
SNM3	C-B1221	Technetium Tc ^{99m} succimer
SNM3	C-B1222	Technetium Tc ^{99m} sulfur colloid
		<u>Technetium Tc^{99m} Teboroxime</u>
		<u>Technetium Tc^{99m} Tetrofosmin</u>
SNM3	C-B1200	Technetium Tc ^{99m} aggregated albumin
SNM3	C-B1204	Technetium Tc ^{99m} albumin colloid
SNM3	C-B1203	Technetium Tc ^{99m} microaggregated albumin
SNM3	C-B1231	Thallous chloride Tl ²⁰¹
SNM3	C-B1010	Therapeutic radioisotope, NOS
SNM3	C-B1251	Yb ¹⁶⁹ -DTPA - pentetate