

### 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: **2002090470625**

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

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>SRT</u>	<u>C-1018D</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: **2002090470625**

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

SNM3	C-B1012	Chromium <sup>51</sup> albumin
SNM3	C-B1013	Chromium <sup>51</sup> chloride
SNM3	C-B1051	Colloidal gold Au <sup>198</sup>
SNM3	C-B1063	Colloidal Indium <sup>111</sup>
SNM3	C-B1017	Copper <sup>64</sup> acetate
SNM3	C-B1016	Copper <sup>64</sup> versenate
SNM3	C-B1018	Copper <sup>67</sup> ceruloplasmin
SNM3	C-B1021	Cyanocobalamin Co <sup>57</sup>
SNM3	C-B1022	Cyanocobalamin Co <sup>58</sup>
SNM3	C-B1023	Cyanocobalamin Co <sup>60</sup>
SNM3	C-B1000	Diagnostic radioisotope, <b>NOS</b>
SNM3	C-B1092	Diiodofluorecein I <sup>131</sup>
SNM3	C-B1062	Disodium indium <sup>111</sup>
SNM3	C-B1122	Ferrous chloride Fe <sup>59</sup>
SNM3	C-B1121	Ferrous citrate Fe <sup>59</sup>
SNM3	C-B1123	Ferrous sulfate Fe <sup>59</sup>
SNM3	C-B1082	Fibrinogen I <sup>123</sup>
SNM3	C-B1031	Fluorodeoxyglucose F <sup>18</sup>
SNM3	C-B1041	Gallium <sup>67</sup> citrate
SNM3	C-B1061	Indium <sup>111</sup> pentetate
SNM3	C-B1066	Indium <sup>111</sup> red cell label
SNM3	C-B1067	Indium <sup>111</sup> transferrin
SNM3	C-B1065	Indium <sup>111</sup> -Fe(OH) <sub>3</sub>
<b>SRT</b>	<b>C-B1135</b>	<b>Indium<sup>111</sup> oxyquinoline</b>
SNM3	C-B1068	Indium <sup>113m</sup> bleomycin
SNM3	C-B1069	Indium <sup>113m</sup> chloride
SNM3	C-B1072	Indium <sup>113m</sup> oxoquinoline platelet label
SNM3	C-B1073	Indium <sup>113m</sup> oxoquinoline RBC label
SNM3	C-B1071	Indium <sup>113m</sup> oxoquinoline WBC label
SNM3	C-B1070	Indium <sup>113m</sup> pentetate
SNM3	C-B1084	Iodinated I <sup>125</sup> albumin
SNM3	C-B1100	Iodinated I <sup>125</sup> human serum albumin
SNM3	C-B1094	Iodinated I <sup>125</sup> levothyroxine
SNM3	C-B1093	Iodinated I <sup>125</sup> oleic acid and triolein
SNM3	C-B1096	Iodinated I <sup>125</sup> povidone
SNM3	C-B1097	Iodinated I <sup>125</sup> Rose Bengal
SNM3	C-B1098	Iodinated I <sup>125</sup> sealed source
SNM3	C-B1099	Iodinated I <sup>125</sup> sodium iodine
SNM3	C-B1090	Iodinated I <sup>131</sup> aggregated albumin
SNM3	C-B1089	Iodinated I <sup>131</sup> albumin

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

SNM3	C-B1213	Technetium Tc <sup>99m</sup> oxidronate
SNM3	C-B1214	Technetium Tc <sup>99m</sup> pentetate
SNM3	C-B1215	Technetium Tc <sup>99m</sup> pyro and polyphosphates
SNM3	C-B1216	Technetium Tc <sup>99m</sup> serum albumin
<b><u>SRT</u></b>	<b><u>C-163AB</u></b>	<b><u>Technetium Tc<sup>99m</sup> sestamibi</u></b>
SNM3	C-B1220	Technetium Tc <sup>99m</sup> sodium glucoheptonate
SNM3	C-B1211	Technetium Tc <sup>99m</sup> stannous etidronate
SNM3	C-B1221	Technetium Tc <sup>99m</sup> succimer
SNM3	C-B1222	Technetium Tc <sup>99m</sup> sulfur colloid
<b><u>SRT</u></b>	<b><u>C-163AC</u></b>	<b><u>Technetium Tc<sup>99m</sup> Teboroxime</u></b>
<b><u>SRT</u></b>	<b><u>C-163AD</u></b>	<b><u>Technetium Tc<sup>99m</sup> Tetrofosmin</u></b>
SNM3	C-B1200	Technetium Tc <sup>99m</sup> aggregated albumin
SNM3	C-B1204	Technetium Tc <sup>99m</sup> albumin colloid
SNM3	C-B1203	Technetium Tc <sup>99m</sup> microaggregated albumin
SNM3	C-B1231	Thallous chloride Tl <sup>201</sup>
SNM3	C-B1010	Therapeutic radioisotope, <b>NOS</b>
SNM3	C-B1251	Yb <sup>169</sup> -DTPA - pentetate