

NMAA Exam Content Outline

APPENDIX C- Radiopharmaceuticals

Please note: Only generic and/or commonly known drug names are used on the NMAA examination.

Tc99m Labeled Radiopharmaceuticals

Mo-99m/Tc99m Generators
Tc-99m sodium pertechnetate
Tc-99m oxidronate/HDP
Tc-99m medronate/MDP
Tc-99m pentetate/DTPA
Tc-99m macroaggregated albumin/MAA
Tc-99m sulfur colloid
Tc-99m disofenin/mebrofenin
Tc-99m mertiatide/MAG3
Tc-99m pyrophosphate/PYP
Tc-99m sestamibi/MIBI
Tc-99m tetrofosmin
Tc-99m succimer/DMSA
Tc-99m exametazime/HMPAO
Tc-99m bicisate/ECD
Tc-99m labeled RBCs
Tc-99m denatured radiolabeled RBCs
Tc-99m HMPAO tagged WBCs
Tc-99m tilmanocept

Iodine Labeled Radiopharmaceuticals

I-123 sodium iodide
I-123 MIBG
I-131 sodium iodide
I-131 MIBG
I-131 serum albumin/RISA
I-123 ioflupane

Indium Labeled Radiopharmaceuticals

In-111 chloride
In-111 pentetate (DTPA)Tc99m
In-111 oxine labeled WBCs
In-111 labeled MAB (capromab
pendetide)
In-111 pentetretotide
In-111 ibritumomab tiuxetan

Miscellaneous Diagnostic Radiopharmaceuticals

Tl-201 thallous chloride
Ga-67 gallium citrate
Xe-133 gas
N-13 ammonia
Rb-82 chloride
N-13 ammonia
C14 urea
C-11 acetate
C-11 Choline
C-11 Palmitate
F-18 fluorodeoxyglucose (FDG)
F-18 fluorodopa (F-Dopa)
F-18 sodium fluoride
F-18 fluorothymidine (FLT)
F-18 fluoromisonidazole (FMISO)
N-13 ammonia
O-15 O2
O-15 water
F-18 sodium fluoride
F-18 florbetapir
F-18 flortaucipir
F-18 fluoroestradiol
F-18 flurpiridaz
F-18 florbetaben
F-18 choline
F-18 flutemetamol
Ge-68
Ga-68 dotatoc
Ga-68 dotanoc
Ga-68 dotatate
Cu-64 dotatate
I-124
Cu-64
C-11 choline

Therapeutic Radiopharmaceuticals

Sr-89 chloride
Sm-153 EDTMP lexidronam
I-131 sodium iodide
Y-90 ibritumomab tiuxetan
Ra-223 dichloride
Y-90 microsphere