

IONIZING RADIATION

THYROID

iodine-131
beta (gamma) ; 8 days

SKIN

sulphur-35
beta ; 87 days

LIVER

cobalt-60
beta (gamma) ; 5 years

OVARIES

iodine-131
beta (gamma) ; 8 days
cobalt-60
beta (gamma) ; 5 years

krypton-85
gamma ; 10 years

ruthenium-106
gamma ; 1 year

zinc-65
gamma ; 245 days

barium-140
gamma ; 13 days

potassium-42
gamma ; 12 hours

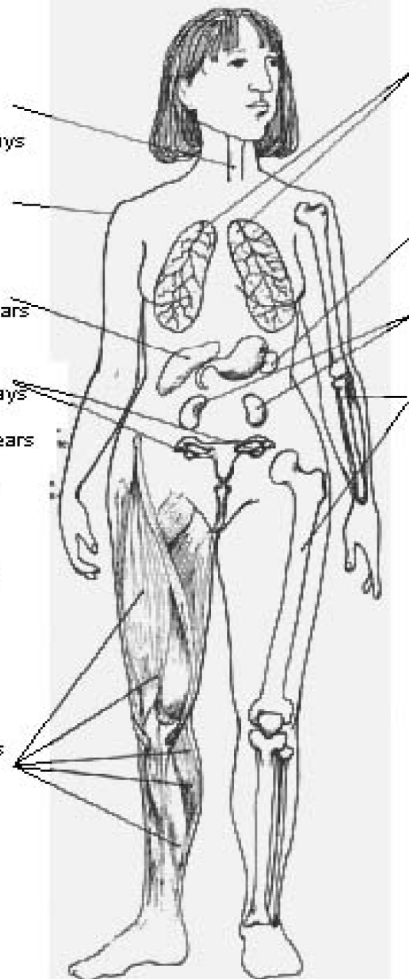
cesium-137
gamma ; 30 years

plutonium-239
alpha ; 24 000 years

MUSCLE

potassium-42
gamma ; 12 hours

cesium-137
gamma ; 30 years



LUNGS

radon-222 (and whole body)
alpha ; 3,8 days
uranium-233 (et os)
alpha ; 162 000 years
plutonium-239 (and bone)
alpha ; 24 000 years

SPLEEN

polonium-210 (and whole body)
alpha ; 138 days

KIDNEYS

uranium-238 (and bone)
alpha ; 4 500 000 years
ruthenium-106
gamma (beta) ; 1 year

BONE

radium-226
alpha ; 1 620 years

zinc-65
gamma ; 245 days

strontium-90
beta ; 28 years

yttrium-90
beta ; 64 hours

promethium-147
beta ; 2 years

barium-140
beta (gamma) ; 13 days

thorium-234
beta ; 24,1 days

phosphorus-32
beta ; 14 days

carbon-14 (and fat)
beta ; 5 600 years