

Co-55Injection Dose Coefficients

----- Male -----		----- Female -----	
Target	h (Sv/Bq)	Target	h (Sv/Bq)
O-mucosa	6.513E-11	O-mucosa	8.082E-11
Oesophagus	1.880E-10	Oesophagus	2.144E-10
St-stem	2.714E-10	St-stem	3.421E-10
SI-stem	1.832E-10	SI-stem	2.460E-10
R-marrow	2.013E-10	R-marrow	2.625E-10
Endost-BS	2.695E-10	Endost-BS	3.430E-10
Brain	5.691E-11	Brain	7.189E-11
Eye-lens	3.919E-11	Eye-lens	4.833E-11
S-glands	5.603E-11	S-glands	7.193E-11
Thyroid	8.123E-11	Thyroid	9.375E-11
Breast	1.304E-10	Breast	1.279E-10
Thymus	9.071E-11	Thymus	1.055E-10
Ht-wall	2.285E-10	Ht-wall	2.712E-10
Adrenals	4.965E-10	Adrenals	6.664E-10
Liver	1.325E-09	Liver	1.637E-09
Pancreas	4.048E-10	Pancreas	4.320E-10
Kidneys	9.940E-10	Kidneys	1.187E-09
Spleen	1.652E-10	Spleen	2.232E-10
GB-wall	8.334E-10	GB-wall	9.249E-10
UB-wall	3.471E-10	UB-wall	3.867E-10
Testes	5.921E-11	Ovaries	1.670E-10
Prostate	1.531E-10	Uterus	1.999E-10
Skin	6.060E-11	Skin	7.261E-11
Muscle	8.495E-11	Muscle	1.051E-10
ET	4.770E-11	ET	6.405E-11
Lungs	1.796E-10	Lungs	2.007E-10
Colon	2.572E-10	Colon	2.539E-10
LN-Tot	1.586E-10	LN-Tot	1.858E-10
Remainder	3.004E-10	Remainder	3.609E-10

Effective Dose Coefficient = 2.73E-10 Sv/Bq

Maximum Equivalent Dose Coefficient:

Female Liver 1.64E-09 Sv/Bq

Co-56Injection Dose Coefficients

----- Male -----		----- Female -----	
Target	h (Sv/Bq)	Target	h (Sv/Bq)
O-mucosa	3.187E-09	O-mucosa	3.949E-09
Oesophagus	6.082E-09	Oesophagus	6.818E-09
St-stem	7.783E-09	St-stem	9.791E-09
SI-stem	5.616E-09	SI-stem	7.177E-09
R-marrow	6.163E-09	R-marrow	7.552E-09
Endost-BS	7.959E-09	Endost-BS	9.889E-09
Brain	2.941E-09	Brain	3.728E-09
Eye-lens	1.932E-09	Eye-lens	2.550E-09
S-glands	2.858E-09	S-glands	3.747E-09
Thyroid	3.483E-09	Thyroid	4.045E-09
Breast	4.318E-09	Breast	4.577E-09
Thymus	3.860E-09	Thymus	4.602E-09
Ht-wall	6.096E-09	Ht-wall	6.948E-09
Adrenals	1.476E-08	Adrenals	1.874E-08
Liver	1.931E-08	Liver	2.292E-08
Pancreas	1.146E-08	Pancreas	1.307E-08
Kidneys	1.867E-08	Kidneys	2.220E-08
Spleen	5.747E-09	Spleen	7.416E-09
GB-wall	1.905E-08	GB-wall	2.186E-08
UB-wall	4.576E-09	UB-wall	4.911E-09
Testes	2.958E-09	Ovaries	5.258E-09
Prostate	4.340E-09	Uterus	5.316E-09
Skin	2.455E-09	Skin	2.850E-09
Muscle	3.639E-09	Muscle	4.420E-09
ET	2.883E-09	ET	3.910E-09
Lungs	5.392E-09	Lungs	5.969E-09
Colon	6.377E-09	Colon	6.210E-09
LN-Tot	5.098E-09	LN-Tot	6.090E-09
Remainder	8.031E-09	Remainder	9.669E-09

Effective Dose Coefficient = 6.86E-09 Sv/Bq			
Maximum Equivalent Dose Coefficient:			
Female Liver		2.29E-08 Sv/Bq	

Co-57Injection Dose Coefficients

----- Male -----		----- Female -----	
Target	h (Sv/Bq)	Target	h (Sv/Bq)
O-mucosa	3.416E-10	O-mucosa	4.194E-10
Oesophagus	6.302E-10	Oesophagus	6.924E-10
St-stem	8.044E-10	St-stem	9.921E-10
SI-stem	5.785E-10	SI-stem	7.223E-10
R-marrow	6.007E-10	R-marrow	7.351E-10
Endost-BS	9.038E-10	Endost-BS	1.137E-09
Brain	3.340E-10	Brain	4.213E-10
Eye-lens	2.302E-10	Eye-lens	2.951E-10
S-glands	2.997E-10	S-glands	3.985E-10
Thyroid	3.616E-10	Thyroid	4.277E-10
Breast	3.776E-10	Breast	4.234E-10
Thymus	3.991E-10	Thymus	4.835E-10
Ht-wall	6.415E-10	Ht-wall	7.142E-10
Adrenals	1.486E-09	Adrenals	1.843E-09
Liver	2.853E-09	Liver	3.477E-09
Pancreas	1.219E-09	Pancreas	1.346E-09
Kidneys	3.354E-09	Kidneys	3.957E-09
Spleen	5.933E-10	Spleen	7.652E-10
GB-wall	1.864E-09	GB-wall	2.132E-09
UB-wall	4.552E-10	UB-wall	4.776E-10
Testes	3.152E-10	Ovaries	5.508E-10
Prostate	4.523E-10	Uterus	5.291E-10
Skin	2.607E-10	Skin	3.091E-10
Muscle	3.810E-10	Muscle	4.676E-10
ET	3.102E-10	ET	4.210E-10
Lungs	5.550E-10	Lungs	6.156E-10
Colon	6.163E-10	Colon	5.810E-10
LN-Tot	5.217E-10	LN-Tot	6.231E-10
Remainder	9.340E-10	Remainder	1.109E-09

Effective Dose Coefficient = 7.43E-10 Sv/Bq

Maximum Equivalent Dose Coefficient:

Female Kidneys 3.96E-09 Sv/Bq

Co-58Injection Dose Coefficients

----- Male -----		----- Female -----	
Target	h (Sv/Bq)	Target	h (Sv/Bq)
O-mucosa	8.957E-10	O-mucosa	1.108E-09
Oesophagus	1.730E-09	Oesophagus	1.938E-09
St-stem	2.221E-09	St-stem	2.782E-09
SI-stem	1.595E-09	SI-stem	2.040E-09
R-marrow	1.728E-09	R-marrow	2.125E-09
Endost-BS	2.427E-09	Endost-BS	3.035E-09
Brain	8.299E-10	Brain	1.052E-09
Eye-lens	5.663E-10	Eye-lens	7.155E-10
S-glands	7.960E-10	S-glands	1.047E-09
Thyroid	9.695E-10	Thyroid	1.128E-09
Breast	1.187E-09	Breast	1.272E-09
Thymus	1.083E-09	Thymus	1.290E-09
Ht-wall	1.732E-09	Ht-wall	1.968E-09
Adrenals	4.172E-09	Adrenals	5.318E-09
Liver	5.644E-09	Liver	6.698E-09
Pancreas	3.304E-09	Pancreas	3.739E-09
Kidneys	5.465E-09	Kidneys	6.492E-09
Spleen	1.625E-09	Spleen	2.102E-09
GB-wall	5.381E-09	GB-wall	6.180E-09
UB-wall	1.303E-09	UB-wall	1.382E-09
Testes	8.240E-10	Ovaries	1.502E-09
Prostate	1.233E-09	Uterus	1.513E-09
Skin	6.992E-10	Skin	8.182E-10
Muscle	1.020E-09	Muscle	1.243E-09
ET	8.093E-10	ET	1.099E-09
Lungs	1.533E-09	Lungs	1.697E-09
Colon	1.813E-09	Colon	1.763E-09
LN-Tot	1.438E-09	LN-Tot	1.723E-09
Remainder	2.289E-09	Remainder	2.755E-09

Effective Dose Coefficient = 1.95E-09 Sv/Bq			
Maximum Equivalent Dose Coefficient:			
Female Liver		6.70E-09 Sv/Bq	

Cr-51Injection Dose Coefficients

----- Male -----		----- Female -----	
Target	h (Sv/Bq)	Target	h (Sv/Bq)
O-mucosa	3.651E-11	O-mucosa	4.280E-11
Oesophagus	4.336E-11	Oesophagus	4.974E-11
St-stem	4.465E-11	St-stem	4.682E-11
SI-stem	4.771E-11	SI-stem	5.812E-11
R-marrow	4.751E-11	R-marrow	5.832E-11
Endost-BS	3.931E-11	Endost-BS	4.852E-11
Brain	3.545E-11	Brain	4.187E-11
Eye-lens	2.512E-11	Eye-lens	3.090E-11
S-glands	3.252E-11	S-glands	4.091E-11
Thyroid	3.702E-11	Thyroid	4.391E-11
Breast	2.838E-11	Breast	3.498E-11
Thymus	3.654E-11	Thymus	4.331E-11
Ht-wall	4.287E-11	Ht-wall	4.856E-11
Adrenals	4.844E-11	Adrenals	5.723E-11
Liver	4.438E-11	Liver	4.889E-11
Pancreas	5.169E-11	Pancreas	5.417E-11
Kidneys	4.715E-11	Kidneys	5.412E-11
Spleen	4.287E-11	Spleen	4.660E-11
GB-wall	4.710E-11	GB-wall	5.003E-11
UB-wall	4.932E-11	UB-wall	5.465E-11
Testes	3.674E-11	Ovaries	6.641E-11
Prostate	4.888E-11	Uterus	6.389E-11
Skin	2.663E-11	Skin	3.126E-11
Muscle	3.681E-11	Muscle	4.504E-11
ET	3.343E-11	ET	4.246E-11
Lungs	3.923E-11	Lungs	4.646E-11
Colon	5.554E-11	Colon	6.767E-11
LN-Tot	4.042E-11	LN-Tot	4.843E-11
Remainder	4.311E-11	Remainder	5.037E-11

Effective Dose Coefficient = 4.68E-11 Sv/Bq

Maximum Equivalent Dose Coefficient:

Female Colon 6.77E-11 Sv/Bq

Mn-52Injection Dose Coefficients

----- Male -----		----- Female -----	
Target	h (Sv/Bq)	Target	h (Sv/Bq)
O-mucosa	5.979E-10	O-mucosa	7.112E-10
Oesophagus	2.486E-09	Oesophagus	2.652E-09
St-stem	4.365E-09	St-stem	5.422E-09
SI-stem	2.528E-09	SI-stem	3.412E-09
R-marrow	1.839E-09	R-marrow	2.367E-09
Endost-BS	1.402E-09	Endost-BS	1.781E-09
Brain	3.792E-10	Brain	4.341E-10
Eye-lens	3.316E-10	Eye-lens	4.370E-10
S-glands	5.588E-10	S-glands	6.791E-10
Thyroid	8.832E-10	Thyroid	9.698E-10
Breast	1.894E-09	Breast	1.792E-09
Thymus	1.137E-09	Thymus	1.324E-09
Ht-wall	2.704E-09	Ht-wall	2.991E-09
Adrenals	6.877E-09	Adrenals	9.448E-09
Liver	1.100E-08	Liver	1.283E-08
Pancreas	1.073E-08	Pancreas	1.128E-08
Kidneys	7.394E-09	Kidneys	9.076E-09
Spleen	2.175E-09	Spleen	3.013E-09
GB-wall	1.202E-08	GB-wall	1.274E-08
UB-wall	1.066E-09	UB-wall	1.333E-09
Testes	6.447E-10	Ovaries	1.639E-09
Prostate	9.543E-10	Uterus	1.752E-09
Skin	7.175E-10	Skin	8.517E-10
Muscle	1.032E-09	Muscle	1.283E-09
ET	5.388E-10	ET	6.796E-10
Lungs	2.222E-09	Lungs	2.350E-09
Colon	3.446E-09	Colon	3.157E-09
LN-Tot	2.079E-09	LN-Tot	2.422E-09
Remainder	3.905E-09	Remainder	4.626E-09

Effective Dose Coefficient = 3.03E-09 Sv/Bq

Maximum Equivalent Dose Coefficient:

Female Liver 1.28E-08 Sv/Bq

Mn-54Injection Dose Coefficients

----- Male -----		----- Female -----	
Target	h (Sv/Bq)	Target	h (Sv/Bq)
O-mucosa	1.665E-09	O-mucosa	1.952E-09
Oesophagus	3.425E-09	Oesophagus	3.754E-09
St-stem	5.028E-09	St-stem	6.105E-09
SI-stem	3.475E-09	SI-stem	4.464E-09
R-marrow	3.074E-09	R-marrow	3.790E-09
Endost-BS	4.214E-09	Endost-BS	5.224E-09
Brain	2.409E-09	Brain	2.718E-09
Eye-lens	1.120E-09	Eye-lens	1.335E-09
S-glands	1.534E-09	S-glands	1.935E-09
Thyroid	1.831E-09	Thyroid	2.112E-09
Breast	2.442E-09	Breast	2.569E-09
Thymus	2.047E-09	Thymus	2.435E-09
Ht-wall	3.496E-09	Ht-wall	3.924E-09
Adrenals	7.532E-09	Adrenals	1.023E-08
Liver	1.056E-08	Liver	1.220E-08
Pancreas	9.835E-09	Pancreas	1.029E-08
Kidneys	7.385E-09	Kidneys	8.975E-09
Spleen	3.101E-09	Spleen	3.987E-09
GB-wall	1.212E-08	GB-wall	1.309E-08
UB-wall	2.259E-09	UB-wall	2.534E-09
Testes	1.656E-09	Ovaries	3.155E-09
Prostate	2.285E-09	Uterus	3.194E-09
Skin	1.331E-09	Skin	1.556E-09
Muscle	1.953E-09	Muscle	2.393E-09
ET	1.708E-09	ET	2.107E-09
Lungs	3.039E-09	Lungs	3.332E-09
Colon	4.250E-09	Colon	4.204E-09
LN-Tot	2.996E-09	LN-Tot	3.525E-09
Remainder	4.585E-09	Remainder	5.428E-09

Effective Dose Coefficient = 3.94E-09 Sv/Bq

Maximum Equivalent Dose Coefficient:

Female GB-wall 1.31E-08 Sv/Bq

Ni-57Injection Dose Coefficients

----- Male -----		----- Female -----	
Target	h (Sv/Bq)	Target	h (Sv/Bq)
O-mucosa	1.283E-10	O-mucosa	1.473E-10
Oesophagus	1.793E-10	Oesophagus	2.058E-10
St-stem	1.971E-10	St-stem	2.177E-10
SI-stem	2.276E-10	SI-stem	2.841E-10
R-marrow	2.409E-10	R-marrow	3.127E-10
Endost-BS	2.989E-10	Endost-BS	3.740E-10
Brain	1.189E-10	Brain	1.422E-10
Eye-lens	7.705E-11	Eye-lens	9.398E-11
S-glands	1.094E-10	S-glands	1.357E-10
Thyroid	1.434E-10	Thyroid	1.692E-10
Breast	1.141E-10	Breast	1.339E-10
Thymus	1.298E-10	Thymus	1.537E-10
Ht-wall	2.157E-10	Ht-wall	2.513E-10
Adrenals	2.808E-10	Adrenals	3.032E-10
Liver	2.057E-10	Liver	2.357E-10
Pancreas	2.432E-10	Pancreas	2.773E-10
Kidneys	4.519E-10	Kidneys	5.231E-10
Spleen	2.018E-10	Spleen	2.268E-10
GB-wall	2.030E-10	GB-wall	2.247E-10
UB-wall	4.088E-10	UB-wall	4.381E-10
Testes	1.431E-10	Ovaries	3.081E-10
Prostate	2.624E-10	Uterus	3.299E-10
Skin	9.921E-11	Skin	1.164E-10
Muscle	1.398E-10	Muscle	1.700E-10
ET	9.727E-11	ET	1.244E-10
Lungs	1.711E-10	Lungs	2.047E-10
Colon	2.581E-10	Colon	3.097E-10
LN-Tot	1.801E-10	LN-Tot	2.118E-10
Remainder	2.124E-10	Remainder	2.483E-10

Effective Dose Coefficient = 2.22E-10 Sv/Bq			
Maximum Equivalent Dose Coefficient:			
Female Kidneys		5.23E-10 Sv/Bq	

Re-183Injection Dose Coefficients

----- Male -----		----- Female -----	
Target	h (Sv/Bq)	Target	h (Sv/Bq)
O-mucosa	1.123E-10	O-mucosa	1.336E-10
Oesophagus	1.391E-10	Oesophagus	1.536E-10
St-stem	3.403E-09	St-stem	3.780E-09
SI-stem	1.798E-10	SI-stem	2.383E-10
R-marrow	1.317E-10	R-marrow	1.509E-10
Endost-BS	1.391E-10	Endost-BS	1.610E-10
Brain	1.117E-10	Brain	1.331E-10
Eye-lens	9.419E-11	Eye-lens	1.154E-10
S-glands	1.060E-10	S-glands	1.314E-10
Thyroid	2.061E-09	Thyroid	2.471E-09
Breast	1.097E-10	Breast	1.279E-10
Thymus	1.249E-10	Thymus	1.485E-10
Ht-wall	1.504E-10	Ht-wall	1.562E-10
Adrenals	1.627E-10	Adrenals	1.941E-10
Liver	1.782E-10	Liver	2.004E-10
Pancreas	2.391E-10	Pancreas	2.596E-10
Kidneys	1.597E-10	Kidneys	1.909E-10
Spleen	1.649E-10	Spleen	2.089E-10
GB-wall	2.057E-10	GB-wall	2.067E-10
UB-wall	1.885E-10	UB-wall	2.293E-10
Testes	1.195E-10	Ovaries	2.471E-10
Prostate	1.574E-10	Uterus	2.582E-10
Skin	1.016E-10	Skin	1.219E-10
Muscle	1.241E-10	Muscle	1.549E-10
ET	9.636E-11	ET	1.190E-10
Lungs	1.142E-10	Lungs	1.288E-10
Colon	2.756E-10	Colon	3.212E-10
LN-Tot	1.582E-10	LN-Tot	1.815E-10
Remainder	1.566E-10	Remainder	1.885E-10

Effective Dose Coefficient = 6.65E-10 Sv/Bq			
Maximum Equivalent Dose Coefficient:			
Female St-stem		3.78E-09 Sv/Bq	

Tc-95mInjection Dose Coefficients

----- Male -----		----- Female -----	
Target	h (Sv/Bq)	Target	h (Sv/Bq)
O-mucosa	1.159E-10	O-mucosa	1.417E-10
Oesophagus	2.280E-10	Oesophagus	2.357E-10
St-stem	5.135E-10	St-stem	4.209E-10
SI-stem	4.920E-10	SI-stem	6.707E-10
R-marrow	2.742E-10	R-marrow	3.626E-10
Endost-BS	3.589E-10	Endost-BS	4.633E-10
Brain	1.047E-10	Brain	1.282E-10
Eye-lens	6.676E-11	Eye-lens	8.283E-11
S-glands	1.362E-10	S-glands	1.747E-10
Thyroid	6.016E-10	Thyroid	7.143E-10
Breast	1.404E-10	Breast	1.329E-10
Thymus	1.558E-10	Thymus	1.709E-10
Ht-wall	2.300E-10	Ht-wall	2.228E-10
Adrenals	4.800E-10	Adrenals	4.877E-10
Liver	4.674E-10	Liver	4.345E-10
Pancreas	5.827E-10	Pancreas	5.142E-10
Kidneys	7.100E-10	Kidneys	7.816E-10
Spleen	2.973E-10	Spleen	2.907E-10
GB-wall	6.850E-10	GB-wall	4.746E-10
UB-wall	3.546E-10	UB-wall	4.916E-10
Testes	1.249E-10	Ovaries	5.620E-10
Prostate	2.451E-10	Uterus	6.342E-10
Skin	1.062E-10	Skin	1.234E-10
Muscle	1.647E-10	Muscle	2.162E-10
ET	1.081E-10	ET	1.441E-10
Lungs	1.831E-10	Lungs	1.898E-10
Colon	1.310E-09	Colon	1.562E-09
LN-Tot	3.124E-10	LN-Tot	3.852E-10
Remainder	3.522E-10	Remainder	3.950E-10

Effective Dose Coefficient = 4.56E-10 Sv/Bq

Maximum Equivalent Dose Coefficient:

Female Colon 1.56E-09 Sv/Bq

Tc-95Injection Dose Coefficients

----- Male -----		----- Female -----	
Target	h (Sv/Bq)	Target	h (Sv/Bq)
O-mucosa	2.762E-11	O-mucosa	3.519E-11
Oesophagus	6.595E-11	Oesophagus	6.885E-11
St-stem	1.612E-10	St-stem	1.419E-10
SI-stem	1.304E-10	SI-stem	1.748E-10
R-marrow	7.111E-11	R-marrow	9.961E-11
Endost-BS	7.969E-11	Endost-BS	1.052E-10
Brain	2.219E-11	Brain	2.689E-11
Eye-lens	1.369E-11	Eye-lens	1.694E-11
S-glands	4.445E-11	S-glands	5.667E-11
Thyroid	2.041E-10	Thyroid	2.431E-10
Breast	3.641E-11	Breast	3.205E-11
Thymus	4.184E-11	Thymus	4.358E-11
Ht-wall	7.078E-11	Ht-wall	6.799E-11
Adrenals	9.858E-11	Adrenals	1.094E-10
Liver	1.203E-10	Liver	1.057E-10
Pancreas	1.612E-10	Pancreas	1.386E-10
Kidneys	1.254E-10	Kidneys	1.378E-10
Spleen	7.433E-11	Spleen	8.193E-11
GB-wall	1.871E-10	GB-wall	1.093E-10
UB-wall	9.700E-11	UB-wall	1.283E-10
Testes	2.718E-11	Ovaries	1.178E-10
Prostate	5.940E-11	Uterus	1.299E-10
Skin	2.500E-11	Skin	2.945E-11
Muscle	3.803E-11	Muscle	5.065E-11
ET	2.534E-11	ET	3.474E-11
Lungs	4.978E-11	Lungs	5.238E-11
Colon	3.378E-10	Colon	4.011E-10
LN-Tot	8.093E-11	LN-Tot	9.906E-11
Remainder	8.623E-11	Remainder	9.330E-11

Effective Dose Coefficient = 1.22E-10 Sv/Bq

Maximum Equivalent Dose Coefficient:

Female Colon 4.01E-10 Sv/Bq

Tc-96Injection Dose Coefficients

----- Male -----		----- Female -----	
Target	h (Sv/Bq)	Target	h (Sv/Bq)
O-mucosa	2.008E-10	O-mucosa	2.487E-10
Oesophagus	4.275E-10	Oesophagus	4.346E-10
St-stem	1.047E-09	St-stem	8.086E-10
SI-stem	1.007E-09	SI-stem	1.376E-09
R-marrow	5.217E-10	R-marrow	7.102E-10
Endost-BS	6.572E-10	Endost-BS	8.565E-10
Brain	1.703E-10	Brain	2.076E-10
Eye-lens	1.069E-10	Eye-lens	1.320E-10
S-glands	2.420E-10	S-glands	3.093E-10
Thyroid	9.515E-10	Thyroid	1.126E-09
Breast	2.632E-10	Breast	2.282E-10
Thymus	2.888E-10	Thymus	3.048E-10
Ht-wall	4.472E-10	Ht-wall	4.156E-10
Adrenals	7.306E-10	Adrenals	7.567E-10
Liver	8.133E-10	Liver	6.768E-10
Pancreas	1.164E-09	Pancreas	9.450E-10
Kidneys	9.579E-10	Kidneys	1.016E-09
Spleen	5.509E-10	Spleen	5.198E-10
GB-wall	1.336E-09	GB-wall	7.616E-10
UB-wall	7.195E-10	UB-wall	1.014E-09
Testes	2.145E-10	Ovaries	1.109E-09
Prostate	4.656E-10	Uterus	1.259E-09
Skin	1.918E-10	Skin	2.221E-10
Muscle	2.982E-10	Muscle	3.976E-10
ET	1.889E-10	ET	2.530E-10
Lungs	3.355E-10	Lungs	3.388E-10
Colon	2.457E-09	Colon	2.987E-09
LN-Tot	6.115E-10	LN-Tot	7.486E-10
Remainder	6.344E-10	Remainder	6.925E-10

Effective Dose Coefficient = 8.52E-10 Sv/Bq

Maximum Equivalent Dose Coefficient:

Female Colon 2.99E-09 Sv/Bq