

C.14.4. Absorbed doses for ^{99m}Tc -ECD ^{99m}Tc 6.01 h

Organ	Absorbed dose per unit activity administered (mGy/MBq)				
	Adult	15 years	10 years	5 years	1 year
Adrenals	2.5E-03	3.1E-03	4.5E-03	6.5E-03	1.1E-02
Bladder	5.0E-02	6.2E-02	8.7E-02	1.1E-01	1.3E-01
Bone surfaces	3.5E-03	4.3E-03	6.4E-03	9.4E-03	1.5E-02
Brain	4.9E-03	8.0E-03	1.4E-02	1.9E-02	3.1E-02
Breasts	8.9E-04	1.1E-03	1.6E-03	2.4E-03	4.3E-03
Gallbladder	2.8E-02	3.2E-02	4.2E-02	7.3E-02	2.4E-01
Gastrointestinal tract					
Stomach	2.7E-03	3.5E-03	5.6E-03	8.3E-03	1.3E-02
Small intestine	1.2E-02	1.6E-02	2.5E-02	3.8E-02	6.8E-02
Colon	2.1E-02	2.6E-02	4.3E-02	6.7E-02	1.2E-01
(Upper large intestine)	2.3E-02	2.9E-02	4.8E-02	7.5E-02	1.4E-01
(Lower large intestine)	1.8E-02	2.2E-02	3.6E-02	5.6E-02	1.0E-01
Heart	1.6E-03	2.0E-03	2.9E-03	4.2E-03	7.2E-03
Kidneys	8.7E-03	1.0E-02	1.5E-02	2.1E-02	3.5E-02
Liver	5.0E-03	6.3E-03	9.5E-03	1.4E-02	2.4E-02
Lungs	2.1E-03	2.9E-03	4.0E-03	5.9E-03	1.1E-02
Muscles	2.2E-03	2.7E-03	3.8E-03	5.4E-03	8.7E-03
Oesophagus	1.2E-03	1.5E-03	2.0E-03	3.0E-03	5.1E-03
Ovaries	7.9E-03	9.9E-03	1.4E-02	1.9E-02	2.9E-02
Pancreas	2.9E-03	3.7E-03	6.0E-03	9.0E-03	1.4E-02
Red marrow	2.4E-03	3.0E-03	4.2E-03	5.5E-03	8.9E-03
Skin	1.1E-03	1.3E-03	2.0E-03	3.0E-03	5.2E-03
Spleen	2.0E-03	2.6E-03	3.9E-03	5.7E-03	9.5E-03
Testes	2.7E-03	3.6E-03	5.8E-03	7.9E-03	1.1E-02
Thymus	1.2E-03	1.5E-03	2.0E-03	3.0E-03	5.1E-03
Thyroid	6.1E-03	9.6E-03	1.5E-02	3.1E-02	5.8E-02
Uterus	9.2E-03	1.1E-02	1.7E-02	2.2E-02	2.9E-02
Remaining organs	2.8E-03	3.8E-03	6.8E-03	1.3E-02	2.1E-02
Effective dose (mSv/MBq)	7.7E-03	9.9E-03	1.5E-02	2.2E-02	4.0E-02