

Table 1. Comparison of organ absorbed dose per unit air kerma D/K_a (Gy/Gy) free-in air for this study results obtained in ICRP, KTMAN-2, CRAM and MASH3 phantoms with corresponding data reported in other references in AP irradiation geometries at 0.08 MeV.

ORGANS	ICRP Phantom		KTMAN-2 Phantom		CRAM Phantom		MASH3 Phantom	
	This Study	ICRP116	This Study	Lee report	This Study	Liu et al [12]	This Study	Kramer et al[22]
Bladder	1.59	1.58	1.54	1.52	1.30	1.32	1.16	1.05
Brain	0.75	0.71	0.84	0.81	1.60	1.60	0.77	0.67
Breast	1.52	1.55	0.51	N.A.	0.78	0.73	1.52	1.79
Colon	1.49	1.46	1.46	1.44	1.53	1.54	1.35	1.32
Esophagus	1.19	1.20	1.18	1.17	1.19	1.21	1.10	1.21
Testes	1.86	1.86	1.87	1.86	1.60	1.60	1.71	1.73
Liver	1.28	1.29	1.33	1.32	1.32	1.35	1.55	1.57
Lung	1.32	1.29	1.25	1.24	1.30	1.33	1.23	1.23
Remainder	1.20	1.20	1.33	1.31	1.25	1.24	1.27	1.28
Salivary	1.08	1.06	1.25	1.24	1.23	1.19	1.21	1.13
Skin	1.15	1.15	1.15	1.13	1.13	1.13	1.11	1.08
Stomach	1.49	1.50	1.59	1.57	1.41	1.44	1.61	1.66
Thyroid	1.99	1.99	2.00	1.99	1.89	1.92	2.05	1.75