

Lead Apron Study, using abdomen phantom w/ meter perpendicular, meter 2" away from left side. Doses are an average of three different types of lead aprons.

Lead (mm)	kV	mAs	Dose (mR)	Dose increase compared to 0.5mm lead (%)	Dose increase compared to 0.5mm lead (x)
None	81	4	0.89	29567%	296.7
0.25	81	4	0.04	1233%	13.3
0.375	81	4	0.007	133%	2.3
0.5	81	4	0.003		
None	81	8	1.84	22900%	230.0
0.25	81	8	0.08	900%	10.0
0.375	81	8	0.02	150%	2.5
0.5	81	8	0.008		
None	81	16	3.76	16248%	163.5
0.25	81	16	0.173	652%	7.5
0.375	81	16	0.043	87%	1.9
0.5	81	16	0.023		
None	102	2	0.91	9000%	91.0
0.25	102	2	0.063	530%	6.3
0.375	102	2	0.017	70%	1.7
0.5	102	2	0.01		
None	102	4	1.88	7420%	75.2
0.25	102	4	0.137	448%	5.5
0.375	102	4	0.037	48%	1.5
0.5	102	4	0.025		
None	102	8	3.81	7838%	79.4
0.25	102	8	0.283	490%	5.9
0.375	102	8	0.093	94%	1.9
0.5	102	8	0.048		
None	125	1	0.79	2533%	26.3
0.25	125	1	0.67	2133%	22.3
0.375	125	1	0.13	333%	4.3
0.5	125	1	0.03		
None	125	2	1.61	3925%	40.3
0.25	125	2	0.157	293%	3.9
0.375	125	2	0.053	33%	1.3
0.5	125	2	0.04		
None	125	4	3.29	4810%	49.1
0.25	125	4	0.34	407%	5.1
0.375	125	4	0.14	109%	2.1
0.5	125	4	0.067		