Comparison of Lead Apron Protection					
Distance (ft)	Thickness (mm)	Angle (deg)	Dose	(mR)	
	0.5	90	0.012	(1
2	0.25	90	1.595		130 X's more radiation
3	0.5	90	0		
	0.25	90	0.834		
4	0.5	90	0		
	0.25	90	0.546		
5	0.5	90	0]
	0.25	90	0.338		
6	0.5	90	0		
	0.25	90	0		
2	0.5	60	0		
	0.25	60	1.057		
3	0.5	60	0		
	0.25	60	0.62		
4	0.5	60	0]
	0.25	60	0.389		
5	0.5	60	0]
	0.25	60	0		

The cumulative dose through a lead apron during 1 minute of fluoroscopy at various distances. A phantom is supine with 6 in of polyethylene blocks under it. In room flouro II is 4in above midline of phantom. The ion chamber records measurements perpendicular (90 deg) to the migsagittal plane of the phantom and 60 degrees off of perpendicular.



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