

Table 1

Medical Patient Exposure Guide in mR

Projection	Patient Thickness in centimeters (cm)	Grid	SID	200 Speed	400 Speed
A.P. Abdomen	23	Yes	40"	240 – 630	150 – 400
A.P. Lumbar Spine	23	Yes	40"	330 – 750	210 – 475
A.P. Full Spine	23	Yes	72"	260	145
A.P. Cervical Spine	13	Yes	40"	135	95
Lat. Skull	15	Yes	40"	145	70
P.A. Chest	23	No	72"	8 – 26	5 – 13
P.A Chest	23	Yes	72"	13 – 28	8 - 18

Guidance regarding Table 1:

- (1) The information in Table 1 is based upon the CRCPD Publication E-03-2 “A Patient Exposure and Dose Guide – 2003”.
- (2) “SID” means source to image receptor distance
- (3) All measurements were made in air without a phantom
- (4) Generally, a P.A. Chest using a grid represents high kVp techniques, and without a grid represents lower kVp techniques.
- (5) If a facility uses a wedge type filter, the exposure should be measured in the center of the x-ray field
- (6) ESEs are not necessarily proportional to imaging systems speed differences.