

KONICA CR OPTIMUM kV

Body Part	kV
Chest (Bucky/Grid)	110-130
Chest (Non Grid)	80-90
Abdomen	75-80
Abdomen (Iodine)	70-75
Extremities (Table Top)	60-65
Extremities (Grid)	65-70
Extremities (Bucky)	70-75
AP Spines	75-80
C-Spine Lateral	75-90
T-Spine Lateral	75-85
L-Spine Lateral	75-90
Ribs (Upper and Lower)	70-80
Skull	75-80
BE – (Regular)	100-110
BE – (Air Contrast)	100
Pediatric:	
Infant Extremities	50-65
Pediatric Chest (Non Grid)	70-80

Dose Exposure Saved							
SID	kV	mAs	Dose (mR)	Radiation Saved (%)	50% EI Decrease (mAs)	50% EI Dose (mR)	Total Dose Reduction (%)
40"	70	20	221.0				
40"	81	10	152.8	30.90%	5.0	76.4	65.43%
40"	85	8	134.8	39.00%	4.0	67.4	69.50%
40"	90	6.3	120.0	45.70%	3.2	60.0	72.85%
40"	96	4	87.0	60.60%	2.0	43.5	80.32%



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