

<b>L-SPINE 64 GE</b>																																									
Indications	Lower back pain, fall, surgery, trauma																																								
Diagnostic Task	Detect fractures, herniated disk, spinal stenosis																																								
Scan mode	Helical																																								
Position/Landmark	Head Supine -iliac crest S250-I200																																								
Topogram	AP mA 20 kV 120 /Lat 80mA 120kv																																								
kVp/Reference mass	120kv Auto mA (100-600)																																								
Rotation time/pitch	0.8/0.984:1																																								
Detector Configuration	64x0.625																																								
Table Speed/Increment	9.37																																								
Dose reduction	Noise Index 24.32																																								
Allowed CTDI ranges*	7mGy-50mGy																																								
XR29 Dose Notification value	50mGy																																								
Helical Set	<table border="1"> <thead> <tr> <th></th> <th>body</th> <th>thickness</th> <th></th> <th>recon</th> </tr> <tr> <th>recon</th> <th>part</th> <th>spacing</th> <th>algorithm</th> <th>destination</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>I-spine thin</td> <td>0.6mmx .6mm</td> <td>bone</td> <td>pac/mpr</td> </tr> <tr> <td>2</td> <td>I-spine</td> <td>1.25mmx 1.25mm</td> <td>standard</td> <td>pac</td> </tr> <tr> <td>3</td> <td>sag I-spine</td> <td>2mmx2mm</td> <td>bone</td> <td>pac</td> </tr> <tr> <td>4</td> <td>coronal I-spine</td> <td>2mmx2mm</td> <td>bone</td> <td>pac</td> </tr> <tr> <td>5</td> <td>sag I-spine</td> <td>2mmx2mm</td> <td>standard</td> <td>pac</td> </tr> <tr> <td>6</td> <td>coronal I-spine</td> <td>2mmx2mm</td> <td>standard</td> <td>pac</td> </tr> </tbody> </table>		body	thickness		recon	recon	part	spacing	algorithm	destination	1	I-spine thin	0.6mmx .6mm	bone	pac/mpr	2	I-spine	1.25mmx 1.25mm	standard	pac	3	sag I-spine	2mmx2mm	bone	pac	4	coronal I-spine	2mmx2mm	bone	pac	5	sag I-spine	2mmx2mm	standard	pac	6	coronal I-spine	2mmx2mm	standard	pac
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Scan Start/end location	1cm superior to L-1 and 1cm inferior to L-5																																								
DFOV	cm decrease appropriately																																								
IV contrast volume/type	none																																								
Scan delay	none																																								
NOTE*	*The AAPM recommended NEMA XR29 Dose Notification Value for an adult toros is 50mGy. Dose Notification levels less than the AAPM recommended can be set. The maximum CTDI vol should match the dose notification value. Exams with CTDI vol values less than the minimum allowed range should not be performed unless approved by a radiologist.																																								