

ROUTINE PELVIS

64 GE

Indications	For abdomen pain, lymphoma, vomiting, bloating, liver mets																																				
Diagnostic Task	Detect masses, diverticulitis, free fluid, appendicitis, abscess, obstruction																																				
Scan mode	Helical																																				
Position/Landmark	Head first-Supine crest S50-I130																																				
Topogram	AP 120kV 20mA Lat 120kV 40mA																																				
kVp/Reference mass	120kv Auto mA (300-700)																																				
Rotation time/pitch	0.8/0.984:1																																				
Detector Configuration	64x0.625																																				
Table Speed/Increment	39.37																																				
Dose reduction	Noise Index 15.86																																				
Allowed CTDI ranges*	7mGy-50mGy																																				
XR29 Dose Notification value	50mGy																																				
Helical Set	<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 15%;"></td> <td style="width: 25%; text-align: center;">body</td> <td style="width: 25%; text-align: center;">thickness</td> <td style="width: 35%; text-align: center;">recon</td> </tr> <tr> <td style="text-align: center;">recon</td> <td style="text-align: center;">part</td> <td style="text-align: center;">spacing</td> <td style="text-align: center;">algorithm</td> </tr> <tr> <td style="text-align: center;">1</td> <td style="text-align: center;">pelvis</td> <td style="text-align: center;">2.5mmx 2.5mm</td> <td style="text-align: center;">standard</td> </tr> <tr> <td style="text-align: center;">2</td> <td style="text-align: center;">sag pelvis</td> <td style="text-align: center;">2mmx2mm</td> <td style="text-align: center;">standard</td> </tr> <tr> <td style="text-align: center;">3</td> <td style="text-align: center;">coronal pelvis</td> <td style="text-align: center;">2mmx2mm</td> <td style="text-align: center;">standard</td> </tr> <tr> <td></td> <td></td> <td></td> <td style="text-align: center;">recon destination</td> </tr> <tr> <td></td> <td></td> <td></td> <td style="text-align: center;">pacs</td> </tr> <tr> <td></td> <td></td> <td></td> <td style="text-align: center;">pacs</td> </tr> <tr> <td></td> <td></td> <td></td> <td style="text-align: center;">pacs</td> </tr> </table>		body	thickness	recon	recon	part	spacing	algorithm	1	pelvis	2.5mmx 2.5mm	standard	2	sag pelvis	2mmx2mm	standard	3	coronal pelvis	2mmx2mm	standard				recon destination				pacs				pacs				pacs
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Scan start/end location	1cm superior to the crest																																				
	5cm below lesser trochanters																																				
IV contrast volume/rate	75ml < 200lbs, 100ml 200-250lbs, 125ml>250lbs isovue 370 2.5-3cc/sec																																				
	Performed as directed by the supervising radiologist																																				
Scan delay	80seconds																																				
	Approximate Values for CTDIvol																																				
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NOTE*	*The AAPM recommended NEMA XR29 Dose Notification Value for an adult torso 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.																																				

