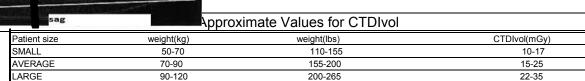
Bone pelvis 64 GE

Indications	Pai	Pain, swelling, trauma					
Diagnostic Task	Det	Detects fractures, hematomas, arthritis, bone cyst					
Scan mode	Helical						
Position/Landmark	Head or feet first-supine-iliac crest S50-I250						
Topogram	AP 120kV 10mA Lat 120kV 40mA						
kVp/Reference mass	120kv Auto mA (100-700)						
Rotation time/pitch	0.8/0.934:1						
Detector Configuration	64x0.625						
Table Speed/Increment	39.37						
Dose reduction		Noise Index 22.10					
Allowed CTDI ranges*		7mGy-50mGy					
XR29 Dose Notification value	50mGy						
Helical Set		body	thickness			recon	
	rec	con part	spacing	kernel	window	destination	
	1	pelvis bone	.625mmx .625m	m	bone	pacs	
	2	soft tissue	.625mmx.625mm	1 5	tandard	mpr 3d	
	3	soft tissue pelvis	2.5mmx 2.5mm	standard		pacs	
	4	sag bone	2mmx2mm		bone	pacs	
	5	coronal bone	2mmx2mm		bone	pacs	
	6	sag soft tissue	2mmx2mm	;	standard	pacs	
	7	coronal soft tissue	2mmx2mm		standard	pacs	
Scan Start/end location		1cm superior to iliac crest					
	1cm inferior to lesser trochanters						
		include all of fx and hardware					
DFOV	40 cm						
		decrease appropriately					
	Increase kVp to 140 and turn on IQ enhance if metal is present						
3D Technique Used	do	do 3d spin with recon 2- 20 images rotate externally-if fracture seen					
IV contrast volume/type	1	100ml -isovue 370- if needed for soft tissue infection or mass					
Scan delay	90	90seconds-Performed as directed by a the supervising radiologist					
using axial image for sag and coronal reformats							
4 10 10 10 10 10 10 10 10 10 10 10 10 10			330				



*The AAPM recommended NEMA XR29 Dose Notification Value for an adult torso is 50mGy. Dose Notification levels less than the

coronal

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.