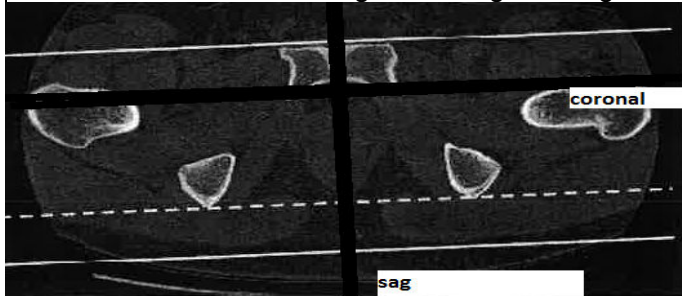


# Bone pelvis GO ALL

Indications	Pain, swelling, trauma						
Diagnostic Task	Detects fractures, hematomas, arthritis, bone cyst						
Scan mode	Helical						
Position/Landmark	Head or feet first-supine-iliac crest						
Topogram	Ap 110kv 15mA						
kVp/Reference mass	110kv 273mas						
Rotation time/pitch	1.0/0.8						
Detector Configuration	32x0.7						
Table Speed/Increment	19.92						
Dose reduction	Care Dose on						
Allowed CTDI ranges*	7mGy-50mGy						
XR29 Dose Notification value	50mGy						
Helical Set		body	thickness			recon	
		recon	part	spacing	kernel	window	destination
	1	thin pelvis	.8mmx.8mm	Br60		bone	pac
	2	pelvis soft tissue	2mmx 2mm	Br40		soft tissue	pac
	3	Cor bone	2mmx2mm	Br60		bone	pac
	4	sag bone	2mmx2mm	Br60		bone	pac
	5	Cor ST	2mmx2mm	Br40		soft tissue	pac
	6	Sag ST	2mmx2mm	Br40		soft tissue	pac
7	VRT	left to righth	Br40		soft tissue	pac	
Scan Start/end location	1cm superior to iliac crest						
	1cm inferior to lesser trochanters						
	include all of fx and hardware						
DFOV	25 cm						
	decrease appropriately						
IV contrast volume/type	100ml -isovue 370- if needed for soft tissue infection or mass						
Scan delay	90seconds-Performed as directed by a the supervising radiologist						
3D Technique Used	do 3d spin with recon 3-if fracture seen						
	using axial image for sag and coronal reformats						



Approximate values for CTDIvol			
Patient size	weight(kg)	weight(lbs)	CTDIvol(mGy)
SMALL	50-70	110-155	10-17
AVERAGE	70-90	155-200	15-25
LARGE	90-120	200-265	22-35

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.

