
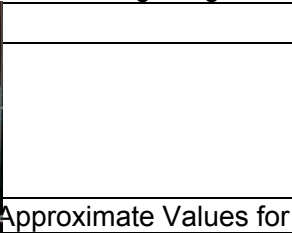



Sacroiliac 16 GE

Indications	Pain, swelling, trauma					
Diagnostic Task	Detects fractures, hematomas, arthritis, bone cyst					
Scan mode	Helical					
Position/Landmark	feet first-supine S50-I300					
Topogram	AP 120kV 10mA Lat 120kV 30mA					
kVp/Reference mass	120kv Auto mA (100-440)					
Rotation time/pitch	0.8/0.938:1					
Detector Configuration	16x0.625					
Table Speed/Increment	9.37					
Dose reduction	Noise Index 25.78					
Allowed CTDI ranges*	7mGy-50mGy					
XR29 Dose Notification value	50mGy					
Helical Set	recon	body part	thickness spacing	kernel	window	recon destination
	1	pelvis bone	.625mmx .625mm	bone		pac
	2	soft tissue thin	.625mmx.625mm	standard		mpr 3d
	3	pelvis soft tissue	2.5mmx 2.5mm	standard		pac
	4	sag bone	2mmx2mm	bone		pac
	5	oblique coronal bone	2mmx2mm	bone		pac
	6	oblique axail bone	2mmx2mm	bone		pac
	7	sag soft tissue	2mmx2mm	standard		pac
	8	oblique coronal ST	2mmx2mm	standard		pac
	9	oblique axial ST	2mmx2mm	standard		pac
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					
3D Technique Used	do 3d spin with recon -if fracture seen					
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					
	use axial image for sag reformats-use sag image for oblique axial and oblique coronal					
						
Approximate Values for						
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.

