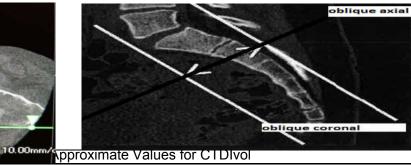
## **Sacroiliac 16 Sensation**

Indications	Pain, swelling, trauma						
Diagnostic Task	Detects fractures, hematomas, arthritis, bone cyst						
Scan mode	Helical						
Position/Landmark			Head or t	feet first-supine-ili	ac crest		
Topogram	PA 120,v 100mA Lat 100mA140 kV						
kVp/Reference mass	120kv 140mas						
Rotation time/pitch	1.0/1.0						
Detector Configuration	16x0.75						
Table Speed/Increment	12						
Dose reduction	Care Dose on						
Allowed CTDI ranges*	7mGy-50mGy						
XR29 Dose Notification value	50mGy						
Helical Set		body	thickness			recon	
	reco	on part	spacing	kernel	window	destination	
	1	thin pelvis	.75mmx.5mm	80ultra sharp	osteo	mpr/pacs	
	2	pelvis soft tissue	e 2mmx 2mm	30smooth	mediastinum	pacs	
	3	thin soft	.75mmx.5mm	30smooth	mediastinum	for 3d	
	2x2 oblique coronal, oblique axial and sag reformats from recon 1 bone						
	2x2 oblique coronal, oblique axial and sag reformats from recon 3 soft tissue						
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						
	note	note: If hardware present use extended ct scale and increase kv to 140					
	use axial image for sag reformats-use sag image for oblique axial and oblique coronal						





THE CONTRACTOR STREET			
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.