

# ROUTINE PELVIS 64 Sensation

<b>Indications</b>	For pelvic pain, lymphoma, bloating, bladder cancer					
<b>Diagnostic Task</b>	Detect masses, diverticulitis, free fluid, appendicitis, abscess, obstruction					
<b>Scan mode</b>	Helical					
<b>Position/Landmark</b>	2cm superior to xiphoid/Inspiration					
<b>Topogram</b>	AP 60mA 80kV					
<b>kVp/Reference mass</b>	120kv 200mas/100kv if pt under 140lbs					
<b>Rotation time/pitch</b>	0.5/0.8					
<b>Detector Configuration</b>	24x1.2					
<b>Table Speed/Increment</b>	23.04					
<b>Dose reduction</b>	CareDose 4D					
<b>Allowed CTDI ranges*</b>	7mGy-50mGy					
<b>XR29 Dose Notification value</b>	50mGy					
<b>Helical Set</b>	recon	body part	thickness spacing	kernel	window	recon destination
	1	pelvis	2mmx 2mm	31medium smooth	mediastinum	pacs
	2	coronal pelvis	2mmx2mm	31medium smooth	mediastinum	pacs
	3	sag pelvis	2mmx2mm	31medium smooth	mediastinum	pacs
<b>Scan Start/end location</b>	1cm superior to the crest 5cm below lesser trochanters					
<b>DFOV</b>	40cm decrease appropriately					
<b>3D Technique Used</b>						
<b>IV contrast volume/type</b>	75ml < 200lbs, 100ml 200-250lbs, 125ml>250lbs isovue 370 2.5-3cc/sec					
	Performed as directed by the supervising radiologist					
<b>Scan delay</b>	70 seconds					
	WITH IV AND ORAL CONTRAST					
	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		
<b>NOTE*</b>	*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.					

