

ROUTINE PELVIS 64 Toshiba

Indications	For abdomen pain, lymphoma, vomiting, bloating, liver mets			
Diagnostic Task	Detect masses, diverticulitis, free fluid, appendicitis, abscess, obstruction			
Scan mode	Helical			
Position/Landmark	Head or feet first-Supine			
Topogram	AP mA50 kV120 /Lat mA 70 kV120			
kVp/Reference mass	120kV average pt 135kV XL pt- Sure Exp 3D(120-550)			
Rotation time/pitch	0.5\0.828			
Detector Configuration	64x0.5			
Table Speed/Increment	26.5			
Dose reduction	Sure Exp 3D			
Allowed CTDI ranges*	7mGy-50mGy			
XR29 Dose Notification value	50mGy			
Helical Set	body	thickness	recon	
	recon part	spacing	algorithm	
	1 pelvis	2mmx 2mm	standard	recon destination
	2 sag pelvis	2mmx2mm	standard	pacs
	3 coronal pelvis	2mmx2mm	standard	pacs
Scan start/end location	1cm superior to the crest 5cm below lesser trochanters			
IV contrast volume/rate	75ml < 200lbs, 100ml 200-250lbs, 125ml>250lbs isovue 370 2.5-3cc/sec			
	Performed as directed by the supervising radiologist			
Scan delay	80seconds			
	WITH ORAL AND IV CONTRAST, MARK AREA OF PAIN WITH BB			
	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.			

