

ROUTINE PELVIS Siemens GO

Indications	For pelvic pain, lymphoma, bloating, bladder cancer				
Diagnostic Task	Detect masses, diverticulitis, free fluid, appendicitis, abscess, obstruction				
Scan mode	Helical				
Position/Landmark	2cm superior to xiphoid/Inspiration				
Topogram	AP 110kV 15mA				
kVp/Reference mass	130kv 98mas				
Rotation time/pitch	0.8/01.0				
Detector Configuration	32x0.7				
Table Speed/Increment	22.4				
Dose reduction	CareDose 4D				
Allowed CTDI ranges*	7mGy-50mGy				
XR29 Dose Notification value	50mGy				
Helical Set	recon	body part	thickness spacing	kernel	recon window destination
	1	pelvis axial	2mmx 2mm	Br40	pelvis pacs
	2	pelvis Cor	2mmx 2mm	Br40	pelvis pacs
	3	pelvis Sag	2mmx 2mm	Br40	pelvis pacs
Scan Start/end location	1cm superior to the crest 5cm below lesser trochanters				
DFOV	40cm decrease appropriately				
IV contrast volume/type	75ml < 200lbs, 100ml 200-250lbs, 125ml>250lbs isovue 370 2.5-3cc/sec				
	Performed as directed by the supervising radiologist				
Scan delay	80 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	
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.				

