ROUTINE Pelvis
16 GE

Indications	For pelvic pain, lymphoma, bloating, bladder cancer
Diagnostic Task	Detect masses, diverticulitis, free fluid, appendicitis, abscess, obstruction
Scan mode	Helical
Position/Landmark	Head first-Supine S25-I500
Topogram	AP 120kV 10mA Lat 120kV 20mA
kVp/Reference mass	120kv Smart mA (75-440)
Rotation time/pitch	0.8/1.375:1
Detector Configuration	16x1.25
Table Speed/Increment	27.5
Dose reduction	Noise Index 15.86
Allowed CTDI ranges*	7mGy-50mGy
XR29 Dose Notification value	50mGy
Helical Set	recon / body part / thickness spacing / recon algorithm / recon destination 1 pelvis 2.5mmx 2.5mm standard pacs 2 sag pelvis 2mmx2mm standard pacs 3 coronal pelvis 2mmx2mm standard pacs
	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	70seconds

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.

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Approved by Dr Mollard/Ellermeier

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