

**RIH – PEDI PELVIS FOR FRACTURE
SIEMENS DEFINITION AS20 PROTOCOL**

Indication: trauma, fracture, dislocation, abscess

Position/Landmark	Head first or feet first-Supine 2cm superior to Iliac Crest
Topogram Direction	Craniocaudal / Craniocaudal
Respiratory Phase	Inspiration
Scan Type	Helical
Ref kV/Ref mAs/Rotation time (sec) Pitch / Speed (mm/rotation) Safire Strength / Dose Optimization	Care kV 100 / Care Dose4D 210 / 0.5 sec .8:1 , 16.00mm 3 / 3
Detector width x Rows = Beam Collimation	1.25mm x 16 = 20mm
Average Tube Output	ctdi – 5.0mGy dlp – 140mGy.cm
Helical Set	body thickness/ recon part spacing algorithm recon destination .
Slice Thickness/ Spacing	1 axial soft tissue pelvis 3mm x 3mm I40s medium pacs
Algorithm	2 axial bony pelvis 3mm x 3mm I70h very sharp pacs
Recon Destination	3 coronal pelvis 3mm x 3mm I70h very sharp pacs
	4 thin pelvis 1.5mm x 1mm I70h very sharp terarecon
Scan Start / End Locations	2cm superior to iliac crest lesser trochanters
DFOV	38cm decrease appropriately
IV Contrast Volume / Type / Rate	
Scan Delay	
2D/3D Technique Used	Workstream 4D mpr of 3mm x 3mm coronal pelvis series, auto-transferred to PACS.
Comments: Recon 4 is a thin helical volume of the pelvis that is archived to the TeraRecon server.	
Images required in PACS	Topograms, 3mm x 3mm axial soft tissue pelvis, 3mm x 3mm axial bony pelvis, 3mm x 3mm coronal bony pelvis, Patient Protocol