

**RIH – PELVIS  
SIEMENS DEFINITION AS+ PROTOCOL**

**Indication: trauma, fracture, dislocation, abscess**

<b>Position/Landmark</b>	Head first or feet first-Supine 2cm superior to Iliac Crest				
<b>Topogram Direction</b>	Craniocaudal / Craniocaudal				
<b>Respiratory Phase</b>	Inspiration				
<b>Scan Type</b>	Helical				
<b>Ref kV/Ref mAs/Rotation time (sec) Pitch / Speed (mm/rotation) Safire Strength / Dose Optimization</b>	Care kV 120 / Care Dose4D 210 / 1 sec .8:1 , 32.00mm 3 / 6				
<b>Detector width x Rows = Beam Collimation</b>	0.625mm x 64 = 40mm (128 x .6mm)				
<b>Average Tube Output</b>	ctdi – 10.0mGy dlp – 280mGy.cm				
<b>Helical Set</b>					recon
Slice Thickness/ Spacing	body	thickness/			recon
Algorithm	part	spacing	algorithm	destination .	
Recon Destination	1	<b>axial soft tissue pelvis</b>	5mm x 5mm	I40s medium	pac
	2	<b>coronal pelvis</b>	5mm x 5mm	I40s medium	pac
	3	thin pelvis	.75mm x .7mm	I40s medium	terarecon
<b>Scan Start / End Locations</b>	2cm superior to iliac crest lesser trochanters				
<b>DFOV</b>	38cm decrease appropriately				
<b>IV Contrast Volume / Type / Rate</b>	100mL Iohexol (Omnipaque 300) , 2mL/sec if prescribed				
<b>Scan Delay</b>	65 seconds				
<b>2D/3D Technique Used</b>	Workstream 4D mpr of 5mm x 5mm <b>coronal pelvis</b> series, auto-transferred to PACS.				
<b>Comments:</b> Recon 3 is a thin helical volume of the pelvis that is archived to the TeraRecon server.					
When a <b>ct cystogram</b> is ordered, instill 50mL of Iohexol (Omnipaque 300) into 500mL of normal saline and retrograde drip into the bladder via the patient's foley.					
<b>Images required in PACS</b>	Topograms, 5mm x 5mm axial soft tissue pelvis, 5mm x 5mm coronal pelvis, Patient Protocol				