

**RIH – PELVIS FOR RECTAL FISTULA
GE LIGHTSPEED VCT PROTOCOL**

Position/Landmark	Head first or feet first-Supine Iliac Crest				
Topogram Direction	Craniocaudal				
Respiratory Phase	Suspension				
Scan Type	Helical				
KV / mA / Rotation time (sec) Pitch / Speed (mm/rotation) Noise Index	120kv / smart mA (120-550) / 0.5 sec .984:1 , 39.37mm 11.5 / 70 / 30%				
Detector width x Rows = Beam Collimation	0.625mm x 64 = 40mm				
First Helical Set		body	thickness/		recon
Slice Thickness/ Spacing	recon	part	spacing	algorithm	destination .
Algorithm	1	nc pelvis	2.5mm x 2.5mm	standard	pac
Recon Destination	2	thin nc pelvis	.6mm x .6mm	standard	for dmpr
Second Helical Set		body	thickness/		recon
Slice Thickness/ Spacing	recon	part	spacing	algorithm	destination .
Algorithm	1	fistulagram	2.5mm x 2.5mm	standard	pac
Recon Destination	2	thin fistulagram	.6mm x .6mm	standard	for dmpr
Scan Start / End Locations	1 cm superior to iliac crest lesser trochanters				
DFOV	28cm target dfov to the rectum decrease appropriately				
IV Contrast Volume / Type / Rate	100mL Iohexol (Omnipaque 350) , 2mL/sec				
Scan Delay	65 seconds				
Archiving to MOD	Only prospective recons will be archived to mod as done by the scanner.				
2D/3D Technique Used	DMPR of 3mm x 3mm coronal pelvis of the non con series (auto-batch on), average mode, auto-transferred to PACS. DMPR of 3mm x 3mm sagittal and coronal pelvis of contrast series (auto-batch on), average mode, auto-transferred to PACS.				
Comments:	Recon 2 is a thin helical volume of the pelvis that is archived and used in direct multi-planar reformats. A non-contrast pelvis scan is performed first. The fistulagram is done with iv and rectal contrast. The concentration is 30mL of gastroview mixed into 1000mL of warm water in an enema bag. Female patients should also have a tampon inserted. These patients should not receive oral contrast.				
Images required in PACS	Scouts, 2.5mm x 2.5mm axial nc pelvis, 3mm x 3mm coronal nc pelvis, 2.5mm x 2.5mm axial pelvis fistulagram , 3mm x 3mm sagittal and coronal pelvis fistulagram, Dose Report				