

**RIH – IV CONTRAST ROUTINE ABDOMEN/PELVIS
GE LIGHTSPEED 16 / OPTIMA CT580 PROTOCOL**

Indications - mass, mets, lymphoma, abscess, general screening.

Position/Landmark	Head first or feet first-Supine Xyphoid																									
Topogram Direction	Craniocaudal																									
Respiratory Phase	Inspiration																									
Scan Type	Helical																									
KV / mA / Rotation time (sec) Pitch / Speed (mm/rotation) Noise Index / ASiR / Dose Reduction	120kv / smart mA (100-440) / 0.5 sec 1.375:1 , 27.50mm 13.5 / 30 / 30%																									
Detector width x Rows = Beam Collimation	1.25mm x 16 = 20mm																									
Average Tube Output	ctdi – 17.3mGy dlp – 872 mGy.cm																									
Helical Set	<table border="0"> <tr> <td></td> <td align="center">body</td> <td align="center">thickness/</td> <td></td> <td align="center">recon</td> </tr> <tr> <td></td> <td align="center">part</td> <td align="center">spacing</td> <td align="center">algorithm</td> <td align="center">destination .</td> </tr> <tr> <td>Slice Thickness/ Spacing</td> <td align="center">1 abdomen/pelvis</td> <td align="center">5mm x 5mm</td> <td align="center">standard</td> <td align="center">pacs</td> </tr> <tr> <td>Algorithm</td> <td align="center">2 thin abd/pelvis</td> <td align="center">1.25mm x .6mm</td> <td align="center">standard</td> <td align="center">for dmpr</td> </tr> <tr> <td>Recon Destination</td> <td></td> <td></td> <td></td> <td></td> </tr> </table>		body	thickness/		recon		part	spacing	algorithm	destination .	Slice Thickness/ Spacing	1 abdomen/pelvis	5mm x 5mm	standard	pacs	Algorithm	2 thin abd/pelvis	1.25mm x .6mm	standard	for dmpr	Recon Destination				
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Scan Start / End Locations	1 cm superior to diaphragm lesser trochanters 38cm																									
DFOV	decrease appropriately																									
IV Contrast Volume / Type / Rate	Pre-scan contrast: 30cc omni 350 2cc/sec Wait a minimum of 5 minutes Helical scan contrast: 100cc omni 350 3cc/sec																									
Scan Delay	55 seconds																									
2D/3D Technique Used	DMPR of 5mm x 5mm coronal abdomen/pelvis series (auto-batch on), average mode, auto-transferred to PACS.																									
Comments:																										
Images required in PACS	Scouts, 5mm x 5mm axial abdomen/pelvis, 5mm x 5mm coronal abdomen/pelvis, Dose Report																									