

# ENTEROGRAPHY Siemens GO ALL

<b>Indications</b>	Evaluate infectious, inflammatory, or neoplastic processes within the small bowel																
<b>Diagnostic Task</b>	Detect masses, free fluid, abscess, obstruction																
<b>Scan mode</b>	Helical																
<b>Position/Landmark</b>	2cm superior to xiphoid/Inspiration																
<b>Topogram</b>	AP 15mA 110kV																
<b>kVp/Reference mass</b>	130kV 99mas																
<b>Rotation time/pitch</b>	0.5/0.8																
<b>Detector Configuration</b>	32x0.7																
<b>Table Speed/Increment</b>	17.92																
<b>Dose reduction</b>	CareDose 4D																
<b>Allowed CTDI ranges*</b>	7mGy-50mGy																
<b>XR29 Dose Notification value</b>	50mGy																
<b>Helical Set</b>	body thickness recon																
<b>45sec delay</b>	recon part spacing kernel window destination																
	1 abd/pelvis axial 2mmx 2mm Br40 abdomen pacs																
	2 abd/pelvis Cor 2mmx 2mm Br40 abdomen pacs																
	3 abd/pelvis Sag 2mmx 2mm Br40 abdomen pacs																
<b>Helical Set</b>	body thickness recon																
<b>90sec delay</b>	recon part spacing kernel window destination																
<b>Only done for anemia or small bowel mass</b>	1 abd/pelvis axial 2mmx 2mm Br40 abdomen pacs																
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<b>Scan start/end location for both helical sets</b>	1cm superior to diaphragm																
<b>DFOV</b>	lesser trochanters																
<b>IV contrast volume/rate</b>	40cm decrease appropriately																
<b>Scan delay</b>	100ml 4cc/sec																
	45sec/90sec																
	Performed as directed by the Supervising radiologist																
	<b>Special Handling:</b> Do <u>NOT</u> give regular oral contrast to patient. WITH IV CONTRAST AND 3 BOTTLES OF VOLUMEN OR BREEZA <b>Please write amount of Volumen or Breeza patient has drank in your tech notes. If patient has had diarrhea or vomiting while drinking Volumen or Breeza, please write this in your tech notes.</b>																
	<b>Approximate Values for CTDIvol</b>																
	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Patient size</th> <th>weight(kg)</th> <th>weight(lbs)</th> <th>CTDIvol(mGy)</th> </tr> </thead> <tbody> <tr> <td>SMALL</td> <td>50-70</td> <td>110-155</td> <td>10-17</td> </tr> <tr> <td>AVERAGE</td> <td>70-90</td> <td>155-200</td> <td>15-25</td> </tr> <tr> <td>LARGE</td> <td>90-120</td> <td>200-265</td> <td>22-35</td> </tr> </tbody> </table>	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
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<b>NOTE*</b>	*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.																

