

ENTEROGRAPHY 16 Sensation

Indications	Evaluate infectious, inflammatory, or neoplastic processes within the small bowel																							
Diagnostic Task	Detect masses, free fluid, abscess, obstruction																							
Scan mode	Helical																							
Position/Landmark	2cm superior to xiphoid/Inspiration																							
Topogram	AP 50mA 80kV																							
kVp/Reference mass	120kV 200mas																							
Rotation time/pitch	0.5/0.75																							
Detector Configuration	16x.75																							
Table Speed/Increment	9																							
Dose reduction	CareDose 4D																							
Allowed CTDI ranges*	7mGy-50mGy																							
XR29 Dose Notification value	50mGy																							
Helical Set 45sec delay	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>recon</th> <th>body part</th> <th>thickness spacing</th> <th>kernel</th> <th>window</th> <th>recon destination</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>abd/pelvis</td> <td>2mmx 2mm</td> <td>31medium smooth</td> <td>mediastinum</td> <td>pac</td> </tr> <tr> <td>2</td> <td>thin abd/pelvis</td> <td>1mmx.8mm</td> <td>31medium smooth</td> <td>mediastinum</td> <td>for mpr</td> </tr> </tbody> </table>	recon	body part	thickness spacing	kernel	window	recon destination	1	abd/pelvis	2mmx 2mm	31medium smooth	mediastinum	pac	2	thin abd/pelvis	1mmx.8mm	31medium smooth	mediastinum	for mpr					
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Scan start/end location for both helical sets	1cm superior to diaphragm lesser trochanters																							
DFOV	40cm decrease appropriately																							
IV contrast volume/rate	100ml 4cc/sec																							
Scan delay	45sec/90sec																							
Performed as directed by the Supervising radiologist Special Handling: Do <u>NOT</u> give regular oral contrast to patient. WITH IV CONTRAST AND 3 BOTTLES OF VOLUMEN or BREEZA 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.																								

Approximate Values for CTDIvol			
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

NOTE* 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.

