

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	body thickness recon
	recon part spacing kernel window destination
	1 abd/pelvis 2mmx 2mm 31medium smooth mediastinum pacs
	2 thin abd/pelvis 1mmx.8mm 31medium smooth mediastinum for mpr
2x2 coronal and sag abd reformats from recon 2	
Helical Set 90sec delay Only done for anemia or small bowel mass	body thickness recon
	recon part spacing kernel window destination
	1 abd/pelvis 2mmx 2mm 31medium smooth mediastinum pacs
	2 thin abd/pelvis 1mmx.8mm 31medium smooth mediastinum for mpr
2x2 coronal and sag abd reformats from recon 2	
Scan start/end location for both helical sets	1cm superior to diaphragm
	lesser trochanters
	40cm decrease appropriately
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.

