

ENTEROGRAPHY 16 GE

Indications	Evaluate infectious, inflammatory, or neoplastic processes within the small bowel				
Diagnostic Task	Detect masses, free fluid, abscess, obstruction				
Scan mode	Helical				
Position/Landmark	Head first-Supine Xiphoid S50-I500				
Topogram	AP 120kV 10mA Lat 120kV 20mA				
kVp/Reference mass	120kV Auto mA (100-440)				
Rotation time/pitch	0.8/1.375:1				
Detector Configuration	16x1.25				
Table Speed/Increment	27.5				
Dose reduction	Noise Index 15.86				
Allowed CTDI ranges*	7mGy-50mGy				
XR29 Dose Notification value	50mGy				
Helical Set 45sec delay	recon	body part	thickness spacing	algorithm	recon destination
	1	abdomen/pelvis	2.5mmx 2.5mm	standard	pac
	2	sag abdomen	2mmx2mm	standard	pac
	3	coronal abdomen	2mmx2mm	standard	pac
Helical Set 90sec delay Only done for anemia or small bowel mass	recon	body part	thickness spacing	algorithm	recon destination
	1	abdomen/pelvis	2.5mmx 2.5mm	standard	pac
	2	sag abdomen	2mmx2mm	standard	pac
	3	coronal abdomen	2mmx2mm	standard	pac
Scan start/end location	1cm superior to diaphragm lesser trochanters				
DFOV	40cm decrease appropriately				
IV contrast volume/rate	100ml isovue 370 4cc/sec				
Scan delay	45sec/90sec				
	Performed as directed by the Supervising radiologist				
	<p>Special Handling:</p> <p>Do <u>NOT</u> give regular oral contrast to patient.</p> <p>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.</p> <p style="text-align: center;">WITH IV CONTRAST AND 3 BOTTLES OF VOLUMEN or BREEZA</p>				
	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.

