

ENTEROGRAPHY 64 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 120kV					
kVp/Reference mass	120kV 200mas					
Rotation time/pitch	0.5/0.8					
Detector Configuration	64x0.6					
Table Speed/Increment	30.72					
Dose reduction	CareDose 4D					
Allowed CTDI ranges*	7mGy-50mGy					
XR29 Dose Notification value	50mGy					
Helical Set #1 45sec delay		body	thickness			recon
	recon	part	spacing	kernel	window	destination
	1	abd/pelvis	2mmx 2mm	31medium smooth	mediastinum	pacs
	2	coronal abdomen	2mmx2mm	31medium smooth	mediastinum	pacs
3	sag abdomen	2mmx2mm	31medium smooth	mediastinum	pacs	
Helical Set#2 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	coronal abdomen	2mmx2mm	31medium smooth	mediastinum	pacs
3	sag abdomen	2mmx2mm	31medium smooth	mediastinum	pacs	
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.

