

# ENTEROGRAPHY 64 Toshiba

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 or feet first-Supine			
Topogram	AP mA50 kV120 /Lat mA 70 kV120			
kVp/Reference mass	120kV average pt 135kV XL pt- Sure Exp 3D(120-550)			
Rotation time/pitch	0.5\0.828			
Detector Configuration	64x0.5			
Table Speed/Increment	26.5			
Dose reduction	Sure Exp 3D			
Allowed CTDI ranges*	7mGy-50mGy			
XR29 Dose Notification value	50mGy			
Helical Set 45sec delay	recon	body part	thickness spacing	recon algorithm destination
	1	abdomen/pelvis	2mmx 2mm	standard pacs
	2	sag abdomen	2mmx2mm	standard pacs
	3	coronal abdomen	2mmx2mm	standard pacs
Helical Set 90sec delay  Only done for anemia or small bowel mass	recon	body part	thickness spacing	recon algorithm destination
	1	abdomen/pelvis	2mmx 2mm	standard pacs
	2	sag abdomen	2mmx2mm	standard pacs
	3	coronal abdomen	2mmx2mm	standard 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/90se			
	Performed as directed by the Supervising radiologist			
	<p><b>Special Handling:</b> Do <u>NOT</u> give regular oral contrast to patient.</p> <p><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></p> <p style="text-align: center;">WITH IV CONTRAST AND 3 BOTTLES OF VOLUMEN OR BREEZA</p>			
	<b>Approximate Values for CTDIvol</b>			
	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.

