

ENTEROGRAPHY 64 GE

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|---|---|-----------------|-------------------|--------------|-------------------|
| 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 S60-I400 | | | | |
| Topogram | AP 120kV 20mA Lat 120kV 40mA | | | | |
| kVp/Reference mass | 120kV Auto mA (350-700) | | | | |
| Rotation time/pitch | 0.5/0.984:1 | | | | |
| Detector Configuration | 64x0.625 | | | | |
| Table Speed/Increment | 39.37 | | | | |
| 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.

