

**CT Enterography**  
**Maximum CTDI 100**

**GE- 6003**

Indication: Inflammatory Bowel Disease, Neoplasm, Small Bowel Tumors, general abdominal pain, diarrhea.

Note: **This exam is to be scanned on a 16 slice or greater scanner.**  
 Need to use three 450ml bottles of Breeza as oral contrast.

PT Prep: IV contrast – Yes (follow MCR contrast dosing guidelines)  
**Timing for Breeza: 50 minutes** prior to scan time.  
 Patient will drink 1<sup>st</sup> 450cc bottle,  
**20 minutes** later drink 2<sup>nd</sup> 450cc bottle,  
**20 minutes** later drink half of 3<sup>rd</sup> bottle (225cc)  
**10 minutes** after that give the last 225cc  
 Put patient on the table.

Series 1: Scouts AP & LAT – **Supine “O”** at Xiphoid Process S20 to I500

Series 2: Arterial Phase IV contrast per MCR contrast dosing guidelines @ 4cc/sec

**Delay: 50 seconds** – Scan from lung bases to symphysis pubis

	<b>Optima 660 CT1</b>	<b>750 HD 128 CT2</b>	<b>VCT 64 CT3</b>	<b>Optima 660 OVIC</b>
Noise Level	11.60	18.23	11.60	13.31
Interval	5mm	5mm	5mm	5mm
Axial/Helical Thickness	5mm	5mm	5mm	5mm
Pitch	0.984:1	0.984:1	0.984:1	0.984:1
Speed mm/rotation	39.37	39.37	39.37	55
Detector Rows				
Detector Configuration				
Beam Collimation	40mm	40 mm	40 mm	40mm
KV/mA	Auto mA – if large pt. use manual & maximize mA	Auto mA – if large pt. use manual & maximize mA	Auto mA – if large pt. use manual & maximize mA	Auto mA – if large pt. use manual & maximize mA
Scan Type	Helical Full 0.8 sec	Helical Full 0.8 sec	Helical Full 0.8 sec	Helical Full 0.8 sec

Networking/ PACs: Send scouts  
 Recon series 2 and send Standard Soft Tissue Algorithm 2.5mm  
 Recon and send series 2 in Lung Algorithm 5mm  
 Recon and send series 2 in Bone Algorithm 5mm  
 Recon and send MPR

Original Date: 4-8-04

Approved by: Dr. Songmen, MCR

Revised Date: 11/9/04, 1/11/10, 9/16/10, 12/8/10, 04/17/13, 12/15/2015, 2/28/18, 10/07/19, 1/30/24  
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Record DLP in PACS comments

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