

 University Health™	Policy #: Rad Proc 13.14.22
SUBJECT: CT Enterography 6.22	Effective: 8/20/2016 Reviewed: 03/07/2017
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B Purpose: To provide computed tomography staff with the required protocol for performing CT Enterography.

Scope: All adult patients 18 years and older.

Procedure:

Clinical Indication: Small Bowel Disease

Patient Preparation: Clear liquid diet

Orientation: Feet first

Breathing: Suspended Inspiration

Oral Contrast: VoLumen (See note)

IV Contrast: Per Weight: *If clinically indicated* 1ml/lb or 2ml/kg Visipaque 320 not to exceed 150ml injected @ 3 ml/sec

Coverage: Dome of diaphragm through iliac crest

Anatomic Reference: Xiphoid process

Scan Delay: Fixed Delay

Scan Mode	Thickness Speed Pitch	Table Interval	SFOV	kV	Auto mA/ Noise Index	Prep Time (sec)
LS 16 Helical Full 0.8 Sec	5.0 27.50 0.984:1	5	Large Body	120	80-440 12	75 sec
VCT Helical Full 0.8 Sec	5.0 39.37 0.984:1	5	Large Body	120	600/400 12	75 sec
AS 64 Helical 0.5 Sec	4.8	4.8	360	120	Ref MAS 250	75 sec

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Algorithm: Standard. Recon 1-Standard 5mm; Recon 2 Standard 1.25mm

Reformats: Sagittal and coronal reformations on entire abdomen and pelvis.

Network: Recon 1 (5mm) to PACS Recon 2 (1.25mm) auto transfer to AWSERV.

Notes:

VoLumen dosing for Abdomen only (2 bottles)

1st bottle 10 minutes prior

2nd bottle 0 minutes prior

1 cup water Table dose

Patient should finish 2 bottles in 20 minutes, scan at 30 minutes
with one cup of water administered on the table.

VoLumen dosing for Abdomen & Pelvis (3 bottles)

1st bottle 30 minutes prior

2nd bottle 15 minutes prior

3rd bottle 0 minutes prior

Patient should finish 3 bottles in 45 minutes, scan before 60 minutes
with one cup of water administered on the table.