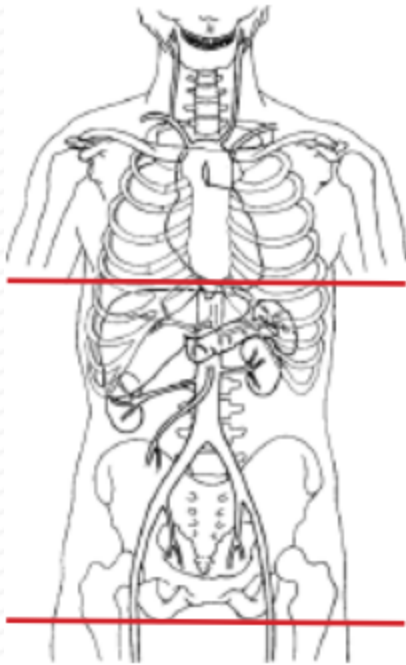


## CT ENTEROGRAPHY



|                         |  |
|-------------------------|--|
| <b>Indications</b>      | <b>Crohn's disease, small bowel tumors, SB obstructions, malabsorption, adhesions, GI bleed w/ negative UGI</b>  |
| Contraindications       | this exam is NOT for ischemia (need CT angiogram)  |
| Patient Position        | Supine   |
| Contrast                | VoLumen barium sulfate solution (E-Z-EM)<br>IV: 120 mL Omni 350 (depends on pt weight)   |
| Injection rate          | IV= 3 mL/sec minimum 22 g  |
| Respiration             | Breath- hold   |
| Scan Parameters         | dome of diaphragm through ischial tuberosity   |
| Oral contrast procedure | 450 cc (2 bottles) = 60 minutes prior to CT. 450 cc ( 2 bottles) = 30 minutes prior to CT. 250 cc (approx half bottle of water) = 15 minutes after 4th bottle of VoLumen. Monitor patient carefully while consuming oral contrast. |
| Special Considerations  | Before administering any IV contrast, perform a low mA single slice scan through mid-abdomen or topogram to check for adequate bowel distention. Make sure most of the VoLumen is NOT in the stomach before proceeding with exam.  |

| <b>PLANE</b> | <b>ALGORITHM</b> | <b>THICKNESS</b> | <b>DFOV</b>       | <b>Reformat/Recon</b>               |
|--------------|------------------|------------------|-------------------|-------------------------------------|
| Axial + C    | Abdomen          | 2.5 mm           | pt largest + 4 cm | Portovenous phase 60 - 75 sec delay |
| Coronal + C  | Abdomen          | 2.5 mm/ 2.5 mm   |                   | X                                   |
| Sagittal + C | Abdomen          | 2.5 mm/ 2.5 mm   |                   | X                                   |
| Coronal + C  | Abdomen          | 8.0 mm/ 5.0 mm   |                   | MIP                                 |