

Gastrografin Enema or Single Contrast Barium Enema

- I. **Equipment** (may vary between sites)
 - a. Contrast
 - i. Gastrografin (*suspected perforation, post-op, recent biopsy, obstruction*)
 1. Therapeutic enema
 - a. Gastrografin to warm water (1:4)
 2. Diagnostic enema
 - a. Gastrografin to warm water (1:3)
 - ii. Barium (*uncooperative, limited mobility, unable tolerate double contrast enema*)
 1. Liquid Polibar Plus- 105% w/v (mix 400mL barium with 1600mL H₂O)
 - b. Single contrast enema bag set up: enema tip, balloon insufflator
 - c. IV pole
 - d. Chux for table x 2 (have extra available)
 - e. Towels
- II. **Personnel**
 - a. Radiologist/RA
 - i. Review order
 - ii. Responsible for administering contrast and taking spot images
 - b. Hospital Technologist
 - i. Prints order and relevant notes
 - ii. Documents patient history and pregnancy status prior to exam
 - iii. Assists the radiologist/RA during procedure
 - iv. Responsible for overhead imaging
 - v. Provides patient with aftercare instructions
- III. **Procedure**
 - a. Scout KUB according to site protocol
 - b. Insert enema tip and inflate balloon
 - c. Contrast on with patient on left side
 - d. Roll patient as necessary to move contrast
- IV. **Required Images**
 - a. Fluoro spot images
 - i. Therapeutic enema
 1. Contrast filled colon
 - ii. Diagnostic enema
 1. Contrast filled anastomosis
 2. Suspicious lesions or leaks
 - b. Overhead images
 - i. AP KUB
 - ii. Bilateral oblique KUBs
- V. **Special Considerations**
 - a. Patient prep- Ordering provider to determine appropriate bowel prep for patient
 - b. Rectal anastomosis- Foley catheter to replace enema tip (*radiologist/ fluoroscopy technologist preference*)

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