



## Fluoroscopy Protocols

### **Barium Enema Single Contrast-Adult-no surgery**

**Fluoro Time Target Limit 5.0 minutes**

#### **Scheduling and Prep:**

\*Patient should follow the LoSol or equivalent bowel Prep Kit Instructions

#### **Supplies:**

- \*Single contrast barium enema bag (Polibar –ACB Prefilled Powder Disposable BE Kit- CAT No. AP-16) or equivalent.
- \*Warm water to liquify barium powder
- \*Blue inflation bulb for the balloon
- \*Lubrication Jelly

#### **Procedure:**

- \*Take a scout KUB to evaluate the effectiveness of the bowel Prep. If unsure if the patient is prepped well enough, consult with the on-Site Radiologist. If stool is still in the colon, consult with the Radiologist For possible rescheduling of the patient
- \*Prepare barium bag and run barium through the tubing to remove the air.
- \*Test- inflate the balloon to test and to prime the balloon.
- \*With the patient in the Sims position, insert the lubricated Enema tip into the rectum and gently inflate balloon.
- \*In the AP position, fill the colon to the cecum
- \*Watch periodically and palpate as the barium flows into the colon- Looking for pathology
- \*Clamp the tubing. Place bag at the foot of the table

#### **Spot Images:**

1. AP sigmoid
2. RPO sigmoid
3. LPO sigmoid
4. Left lateral rectum-Flip this image during QC
5. Unsuperimposed splenic flexure
6. Unsuperimposed hepatic flexure
7. Cecum
8. Image any pathology in any part of the length of the colon.

#### **Post Barium Filled Colon- Overhead Images:**

1. AP KUB
2. AP-Crosswise upper abdomen to include flexures
3. 30 degrees cephalic sigmoid with LPO oblique
4. Left oblique
5. Right oblique
6. PA KUB

7. PA-Crosswise upper abdomen to include flexures
8. Left Lateral Rectum (with enema tip removed -if radiologist prefers)

\*QA your images before removing the enema tip.

\*Unclamp the barium tubing to allow the barium to drain back into the bag.

\*If tip was removed for left lateral rectum, allow patient to evacuate in the restroom as soon as this image is reviewed.

\*Deflate the balloon and remove the enema tip.

\*Allow the patient to evacuate the remaining barium, in the restroom.

### 9. Post evacuation KUB



\*\*Instruct the patient to drink extra water for the next 2 days to avoid constipation.

\*\*Patient will need to stay near a restroom for the rest of the day.

\*\* These are the minimum images needed to demonstrate the proper anatomy for This exam. When deemed necessary, more images may be taken to Demonstrate pathology or by radiologist's request. Care should be taken to Minimize patient and technologist exposure.

Reviewed February 22, 2023

Reviewed January 23, 2024