



Pediatric Fluoro Protocol

BE – Single Contrast (FLPBE) – Unprepped

Procedure Performed for History of Constipation

Fluoro Time Target Limit 2.5 Minutes

- Patient Prep:** * No preparation required. No rectal stimulation, suppositories or laxatives are to be used for 48 hours prior to the procedure.
 *The patient is not to have undergone a rectal biopsy or colonoscopy within 5 days of the barium enema exam.

Anatomy Visualized: Entire Large bowel

Supplies: Cystografin, Cysto-Conray II or equivalent, empty Barium enema bag, enema tip, paper tape

Procedure: Explain procedure to the patient and parent

- AP scout films of abdomen
 - *Film to be reviewed by Radiologist**
 - *In the Sims position, insert a lubricate enema tip into the rectum and secure with Duraspore Or cloth tape.
 - *With the patient on their left side, begin the flow of contrast by unclamping the tubing, slowly
 - Take 1 image of lateral rectum full of contrast
 - (This image may be done as Right lateral to accommodate patient)**
 - Stop flow of the contrast. Patient should then be placed in the AP position.
 - Take 1 image - AP rectum
 - Take 1 image – AP (unwinding sigmoid-oblique)
 - * Unclamp tubing and allow contrast to flow through the colon.
 - Take 1 image of splenic flexure – open-unsuperimposed
 - Take 1 image of hepatic flexure – open-unsuperimposed
 - Follow the contrast until it just reaches the cecum (do not over fill), using gravity to move the contrast.
 - Take 1 image of the cecum
 - Take 1 image – full AP
- *Images are to be checked by the Radiologist.**

*Patient is now permitted to evacuate the contrast.

- Take 1 image- post evacuation – AP abdomen
- (If the patient does not evacuate, it is not necessary to take post evacuation image)

***Have the Radiologist review the study before the patient leaves.**

*If the patient does not evacuate adequately, the Radiologist may request a 24-hour follow-up, delayed image. Give the patient and parent specific instructions not to have any rectal stimulation, suppositories or laxatives during this 24-hour period.

*Care should be taken to reduce radiation exposure to the patient and the imaging staff

(Example of Exams in PACS: *ACC#6014721

Reviewed January 23, 2024