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

*Films 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 February 4, 2021