



Pediatric Fluoroscopy Protocol

Small Bowel Series-FLSBSP or Small Bowel Follow through-FLSBFT

Prep: 0-2 years old: Nothing to eat or drink: 3 hours prior to the exam time

3 years old to 16 years old: No solid foods after midnight; patient may have clear liquids

Up to 5 hours prior to the exam.

Anatomy Visualized: Stomach, entire small bowel and ileocecal valve.

Contrast: Newborn to 2 years old: EZ-Paque Barium Sulfate Powder Oral Suspension 96% - mixed with water or equivalent contrast

3 years old to 16 years old: EZ Paque Thin Barium

***Be sure to document the amount of barium that the patient consumes during this exam.**

Procedure:

- Explain the exam to the patient and parent
- AP flat abdomen (KUB Scout) image is taken & checked by the Radiologist
- If the patient is sufficiently prepped; with the Radiologists approval, have the patient drink the Radiologist's recommended amount of barium for age.
- Prone abdomen images are taken at 30 minute intervals
 - Be sure to use proper shielding
 - Mark each image with an anatomical marker within the primary beam and with the elapsed time from ingestion of the barium
 - Each image to be reviewed by the Radiologist
 - When the barium reaches the large bowel, (This is the "Transit Time)

* Position an anatomical marker within the primary beam to mark images with left or right

** Do not compromise the exam if it is too difficult to maintain marker in the images.

- Take 2 spot images of the terminal ileum (TI) and the ileocecal junction.

****All images are to be reviewed by the Radiologist before the patient's departure.**

*If both Upper G.I. and Small Bowel Series are ordered together; perform the Upper G.I. first and then immediately move on to the Small bowel Series.

- Upon completion of the Upper G.I. exam; the patient is given more barium, determined by the Radiologist, age and patient size.
- Continue with Small Bowel Instructions **(The patient should drink extra water for the next 2-3 days to prevent constipation from the barium)**



Reviewed January 23, 2024