



Pediatric Fluoroscopy Protocol

Barium Swallow (Esophagram) FLPUGI

Fluoro Time Target 2.5 Minutes

Preparation: The patient should be NPO according to their age: Nothing by Mouth prior to the exam.

*Newborn to 3 years old: 3 hours *4 years old and older: 2 hours

When possible: Use an anatomical marker within the primary beam to mark images with left or right marker. Do not compromise the exam if it is too difficult to maintain the marker in the images.

Anatomy Visualized: Esophagus

Contrast: Newborn – 10 years old: EZ-Paque Barium Sulfate Powder Oral Suspension 96% - add water

*Use enough barium to obtain required images

*Document the amount of barium that the patient ingests, in mL.

Procedure: *Explain the procedure to the patient and parent

-Patient should start in the supine position with their head turned to the right

-Have the patient begin drinking the barium through a straw or bottle

➤ Take at least 2 full barium filled esophagus images; exposed or screen capture

*Turn the patient in the right lateral or RAO position, have the patient take 1-2 swallows of the Barium.

➤ Take 1-2 images to document the full esophagus.

➤ Take a full view AP stomach image. Document amount of barium ingested during the procedure, on this image.

Have the Radiologist review the study before the patient leaves

*Take care to minimize exposure to the patient and technologist.

* If you see aspiration, consult the Radiologist before proceeding,

*Have the patient drink extra water for 2 days following the exam, to reduce the chance of constipation.

