

I. Equipment *(May vary between sites)*

- a. 1 bottle EZ HD (Thick) (mix with 60mL cold water)
- b. Liquid E-Z paque (Thin barium)
- c. EZ Gas II 1 package (open)
- d. Small medicine cup (fill to approx. 1 tsp. line with water)
- e. 1 EZ Disk Barium Tablet *(when necessary)*
- f. 3 cups / 2 straws
 - i. Cup 1- thick barium
 - ii. Cup 2- thin barium
 - iii. Cup 3- water

II. Personnel

- a. Radiologist/RA
 - i. Responsible for administering contrast, giving patient instructions, and taking spot images
- b. Hospital Technologist
 - i. Prints order for review by radiologist/RA
 - ii. Documents patient history and pregnancy status prior to exam
 - iii. Assists the radiologist or fluoroscopy technologist during procedure
 - iv. Provides patient with aftercare instructions

III. Procedure

- a. Scout image
 - i. Upright scout required for patients s/p endoscopy or surgical procedure *(within 1 week)*
 - ii. Must be acquired on expiration and include bilateral hemidiaphragms
 - iii. To be cleared by radiologist/RA
- b. Esophageal images with patient standing
 - i. LPO and AP, Lateral cervical esophagus *(if aspiration suspected or ordered w/ esophagram)*
- c. Recumbent imaging
 - i. Single swallow of thin barium to evaluate motility (RAO)
 - ii. Images of stomach and bulb mucosa w/ air and barium
 - 1. RAO- pylorus, duodenal bulb and C-loop barium filled, air filled fundus
 - 2. R. Lateral- air filled fundus, barium filled antrum and c-loop
 - 3. LPO- air filled antrum, bulb, c-loop
 - iii. Reflux check
 - iv. Add lead ruler to field of view for measurement purposes if hiatal hernia present *(include HH measurement in dictation)*
- d. Post exam KUB
- e. Stand table
 - i. 13mm Ba tablet (when necessary)

IV. Patient Prep

- a. NPO after midnight

Approved by:	Keith Dangleis, MD
Role:	Physician Supervisor, RIA Fluoroscopy Technologists