

- I. Equipment** *(May vary between sites)*
- a. 1 bottle EZ HD (Thick Barium) (60mL 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 (small medicine cup) *(barium pudding or applesauce in room)*
  - 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, reviews order with rad/RA
    - ii. Documents patient history and pregnancy status prior to exam
    - iii. Assists during procedure
    - iv. Provides patient with aftercare instructions
- III. Procedure**
- a. Scout image
    - i. Required for patients s/p endoscopy or surgical procedure (within 1 week)
    - ii. To be cleared by Radiologist/RA
    - iii. Upright abdomen (on expiration, must include bilateral hemidiaphragms)
  - b. Esophageal images with patient standing
    - i. LPO, AP (entire esophagus)
    - ii. Lateral cervical esophagus
  - c. Prone esophageal images
    - i. Single swallows of thin barium to evaluate motility
    - ii. Valsalva hiatal hernia evaluation
    - iii. Reflux check
    - iv. Add lead ruler to field of view for measurement purposes if hiatal hernia present (include HH measurement in dictation)
  - d. Stand table
    - i. Administer 13mm barium tablet with 150 mL water (if tablet sticks, save image, if tablet remains lodged after 5 minutes, advise pt not to eat for 45 minutes (liquids ok))
- IV. Required Images**
- a. See procedure
- V. Special Considerations**
- a. If 13mm Ba tablet sticks in vallecula, have patient swallow a tbsp. of barium pudding or applesauce

<b>Approved by:</b>	Keith Dangleis, MD
<b>Role:</b>	Physician Supervisor, RIA Fluoroscopy Technologists