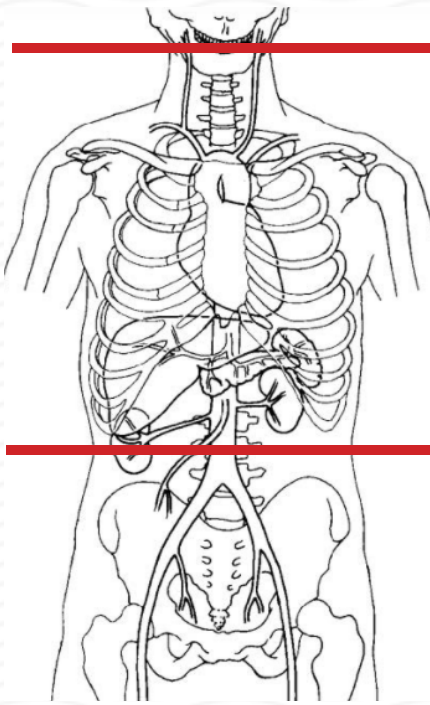


CT CHEST / ESOPHAGRAM (Emergency only)



| | |
|--------------------|--|
| Indications | The is an emergency after hours esophagram for esophageal perforation and/or impacted foreign body. |
| Patient Position | Supine |
| Contrast | NO IV. Esophagram - low osmolar oral contrast (Omnipaque or Isovue) diluted with water at 1:1 ratio. |
| Injection rate | NONE |
| Respiration | Breath- hold |
| Scan Parameters | include upper neck through adrenals |
| NOTES | NEEDS prior approval from Radiologist. Notify Rad when it is completed. |

1. Low Osmolar oral contrast (Omnipaque or Isovue diluted with water 1:1 ratio) should be given right before the scan. One cup of low osmolar contrast should be administered orally while the patient is being scanned if at all possible. Patient should drink $\frac{3}{4}$ the cup and sip the other $\frac{1}{4}$ through the straw while being imaged.

2. An ER nurse or MD **MUST** be present at the time of ingestion of the contrast in the event the patient aspirates the contrast.

3. **DO NOT USE BARIUM.** Please DO a Pre-Contrast CT study prior to giving the oral.

| PLANE | ALGORITHM | THICKNESS | DFOV | REFORMATS |
|-----------------------|------------------|------------------|-------------------|------------------|
| Axial | Abdomen | 5.0 mm | pt largest + 4 cm | |
| Axial + oral contrast | Abdomen | 5.0 mm | | |
| Axial | Lung | 5.0 mm | | X |
| Sagittal | Abdomen | 5.0 mm | | X |
| Coronal | Abdomen | 5.0 mm | | X |

Any deviation from protocol **MUST** be Radiologist approved. Rad Director will be notified if this occurs without prior approval.