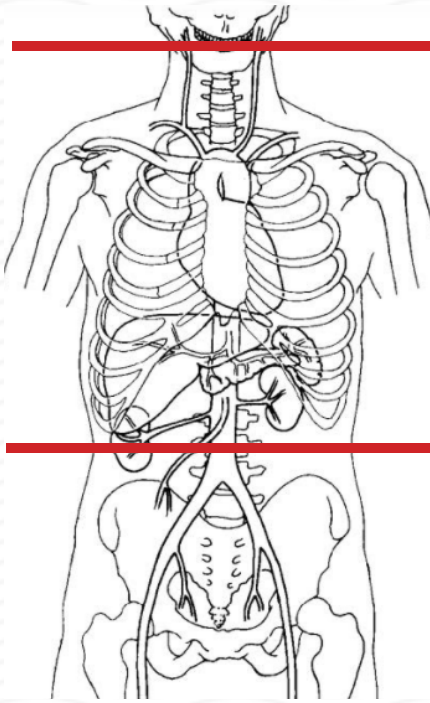


## CT CHEST / ESOPHAGRAM (Emergency only)



<b>Indications</b>	<b>The is an emergency after hours esophagram for esophageal perforation and/or impacted foreign body.</b>
Patient Position	Supine
Contrast	NO IV. Esophagram/Barium swallow - 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	<b>NEEDS prior approval from Radiologist. Notify Rad when it is completed.</b>

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.