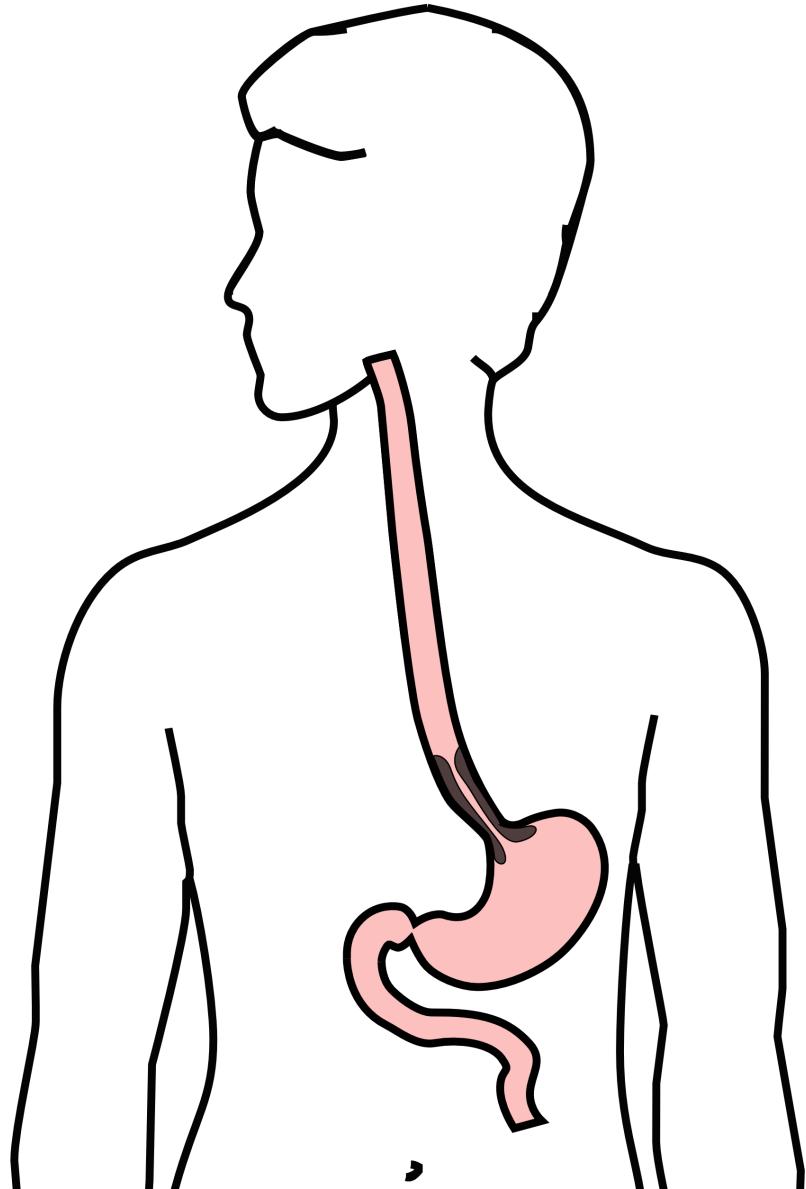


# **One Stage Esophagectomy**

## **2 Stage Ivor Lewis Esophagectomy**

### Abdominal Phase

- Mobilize stomach
- Divide Left Gastric
- Create conduit
- Transpose conduit → chest



## 2 Stage Ivor Lewis Esophagectomy

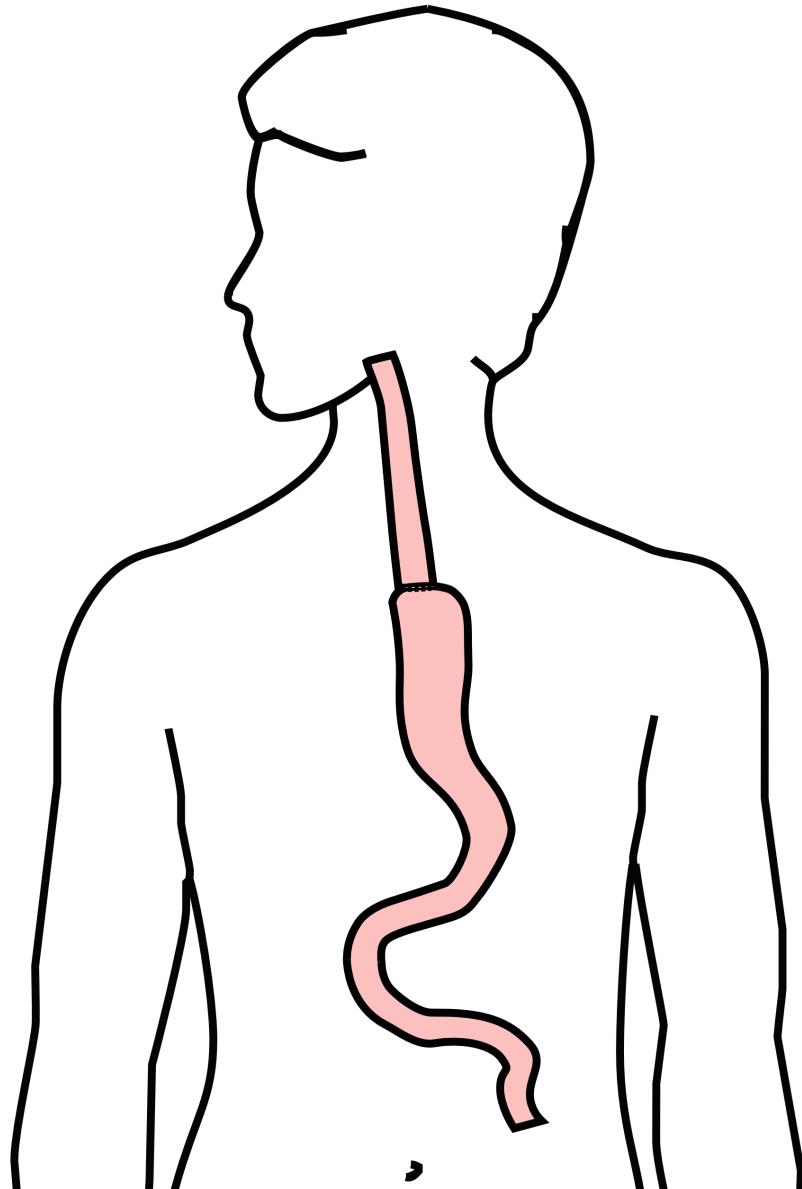
### Abdominal Phase

- Mobilize stomach
- Divide Left Gastric
- Create conduit

- Transpose conduit → chest

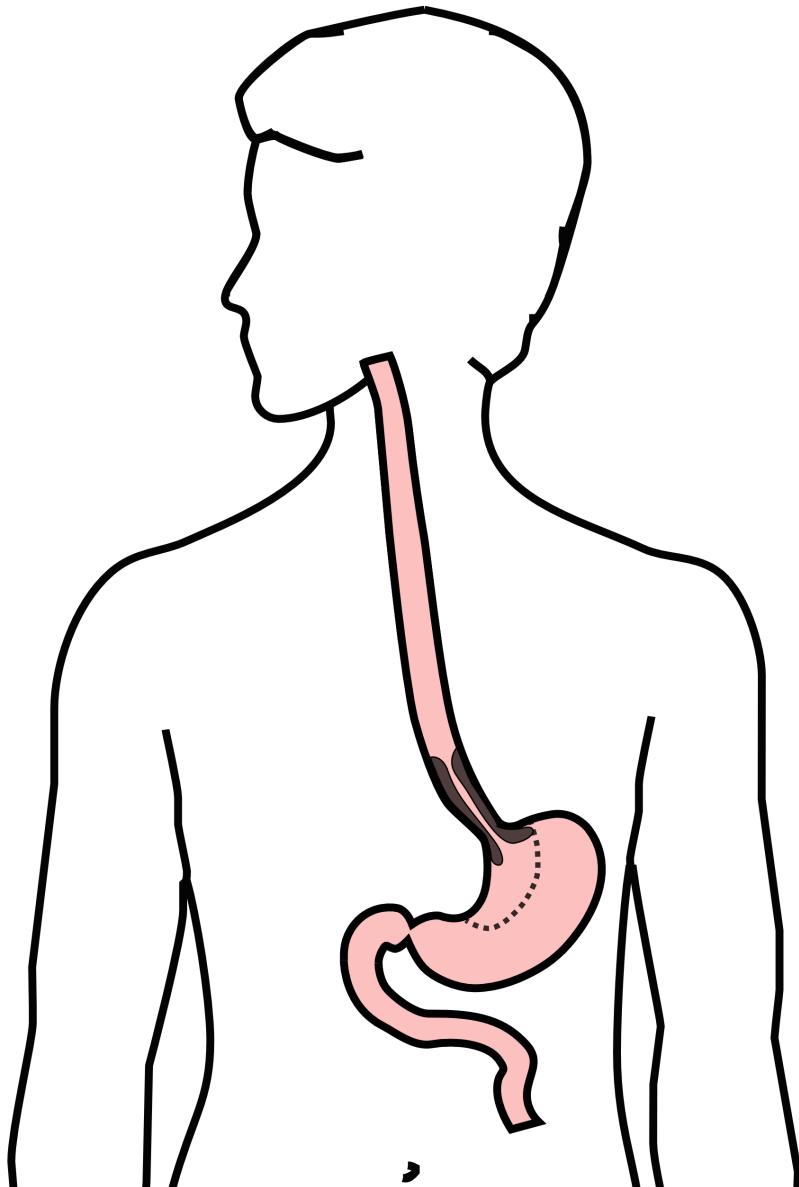
Chest Phase

- Create anastomosis
- Extract specimen through mini-thoracotomy



## 2 Stage Ivor Lewis Esophagectomy - Conduit

- Intracorporeal conduit construction
- Limitations on stretch of stomach
- Limited ability to identify cardia/lesser curve tumors



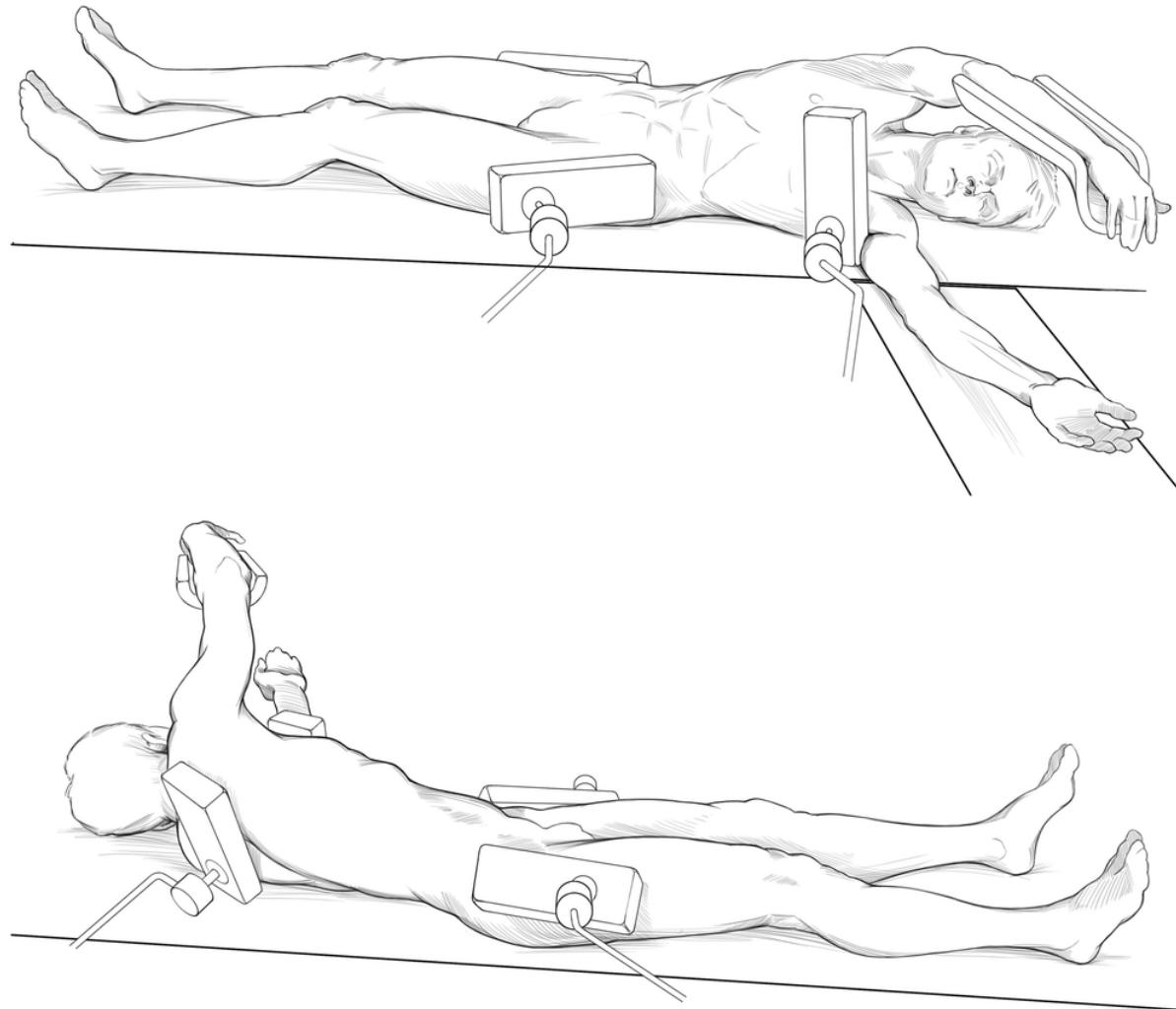
## One Stage Esophagectomy “corkscrew”

Allows simultaneous access to abdomen and chest in one prep

Divide esophagus in chest → extra-corporeal construction of conduit → Anastomosis

Extracorporeal construction of conduit:

- Less risk of positive distal margin
- Longer conduit (stretch during construction)



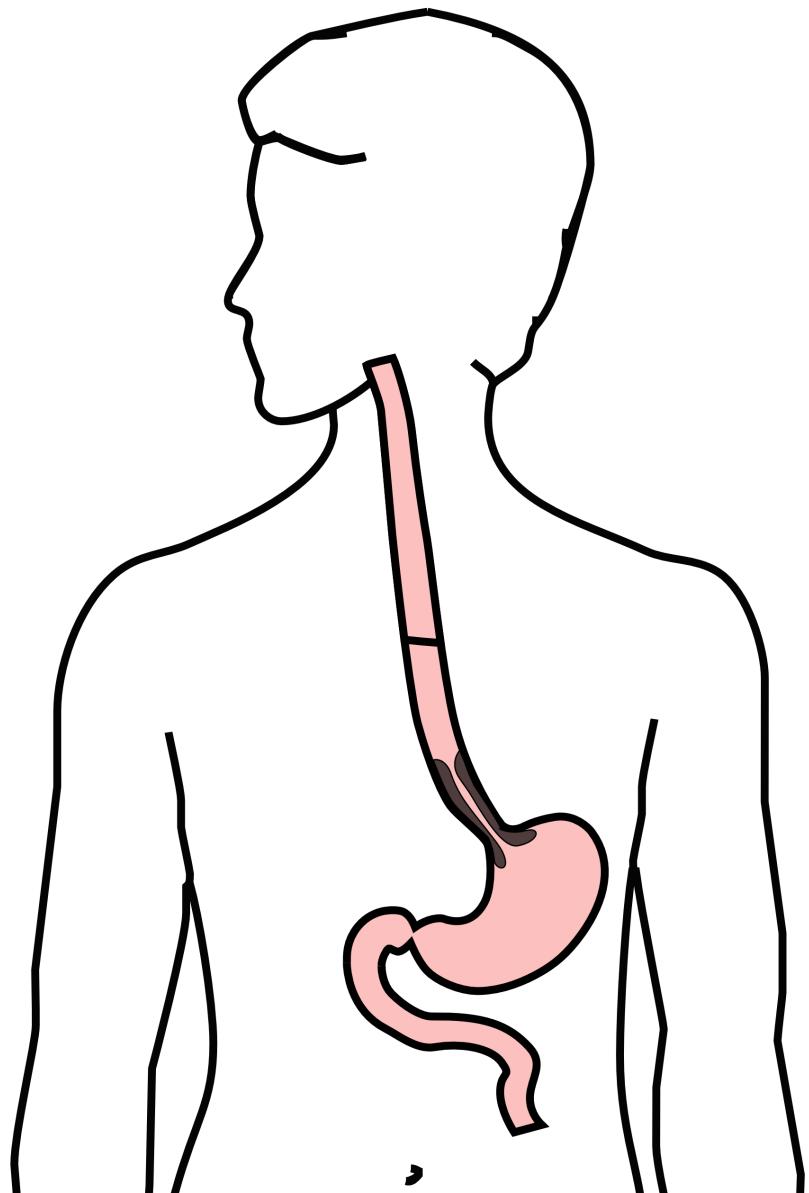
### Abdominal Phase I

- Stomach mobilized

- Left gastric artery divided
- Hiatus dissected
- Esophagus looped with Penrose
- Transhiatal drain placed in left and right pleurae

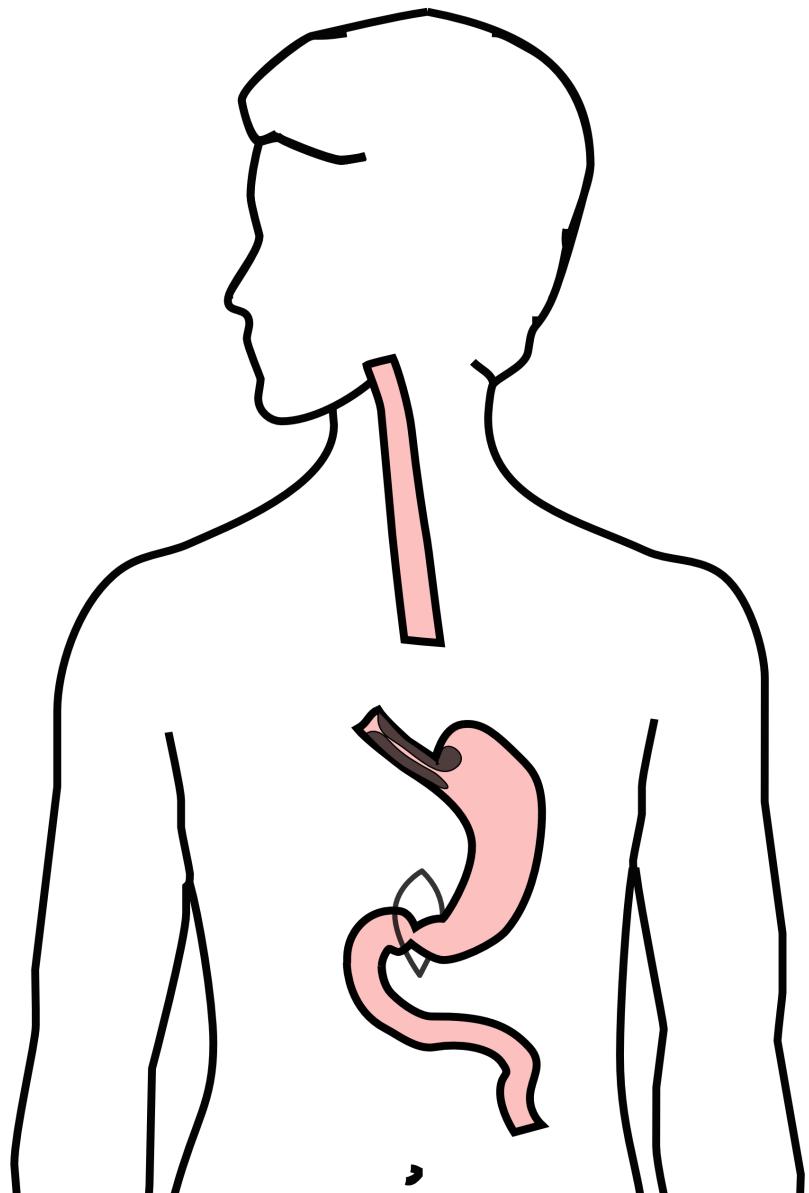
### **Chest Phase I**

- Esophagus dissected from hiatus → cephalad
- Esophagus divided



### **Abdominal Phase II**

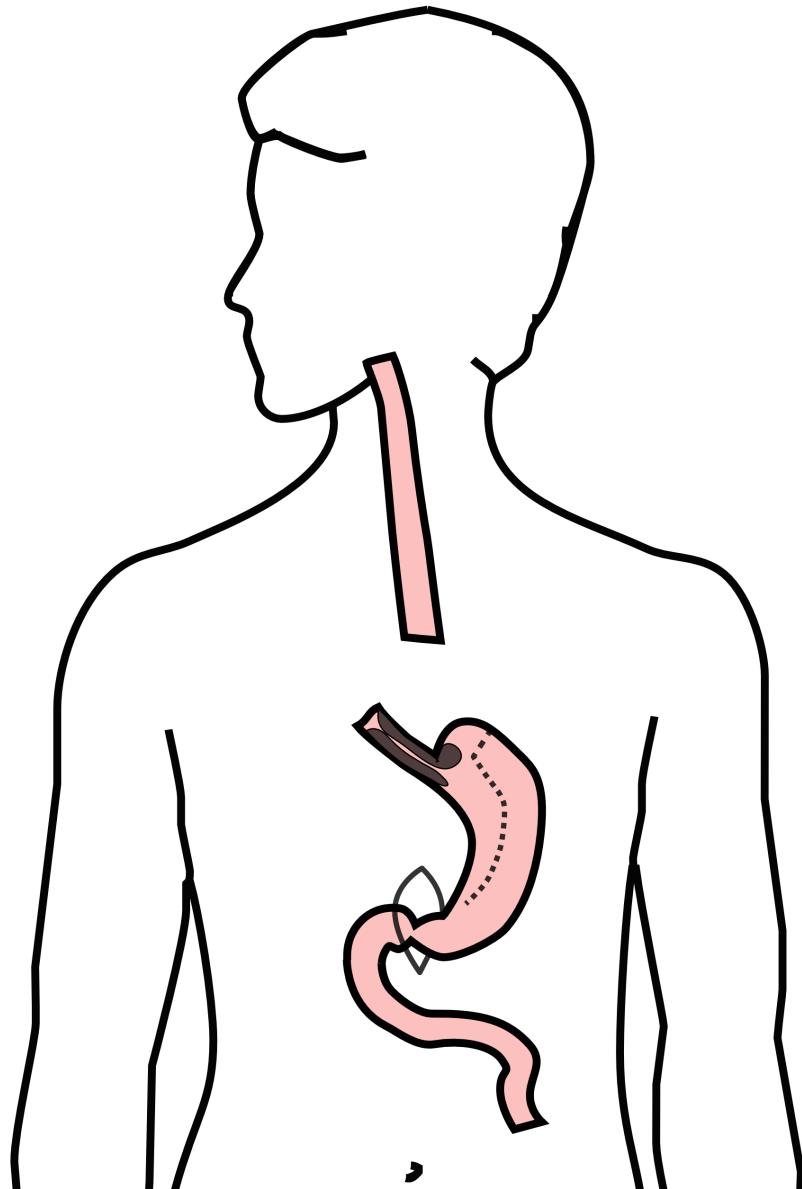
- Stomach exteriorized
- Pyloromyotomy
- Conduit constructed



### **Abdominal Phase II**

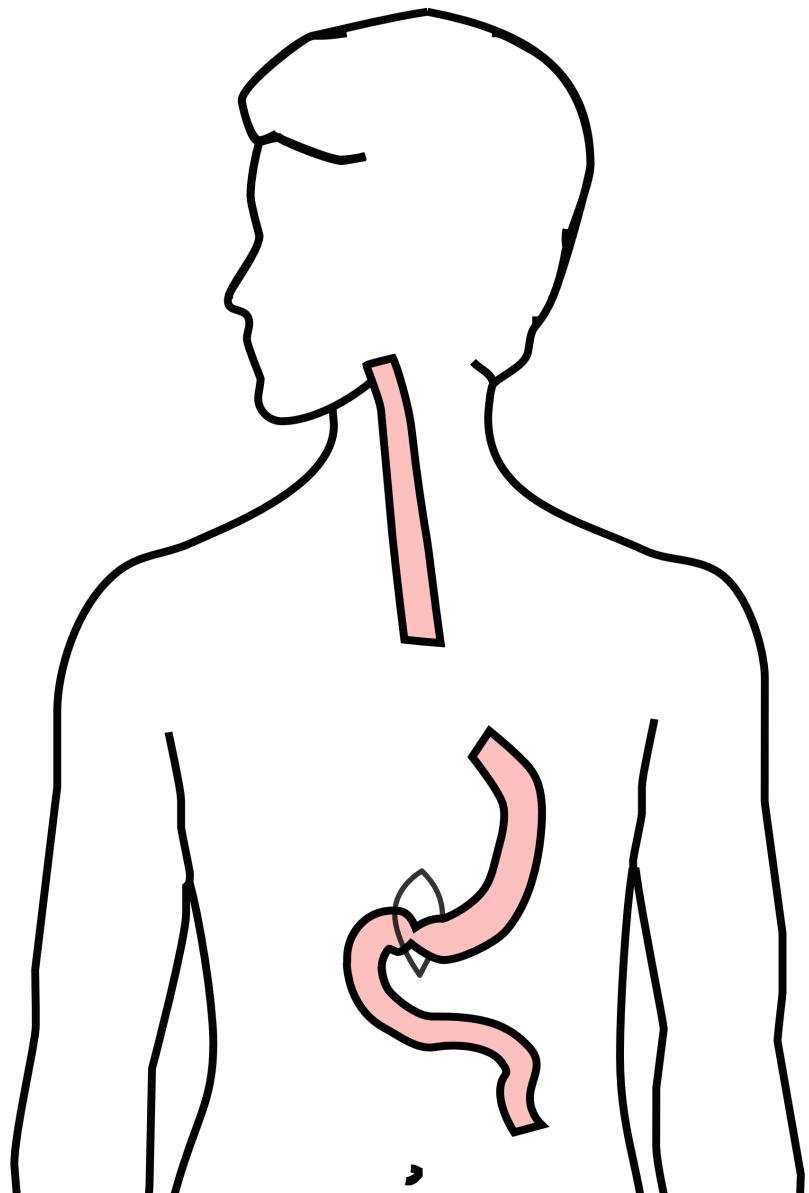
- Stomach exteriorized
- Pyloromyotomy
- Conduit constructed
  - Place stomach on stretch

- Palpate GE junction/lesser curvature



### Abdominal Phase II

- Stomach exteriorized
- Pyloromyotomy
- Conduit constructed



## Chest Phase II

Anastomosis completed

