

Esophagus and Stomach

Anatomy Practical

By Dr. Shimaa

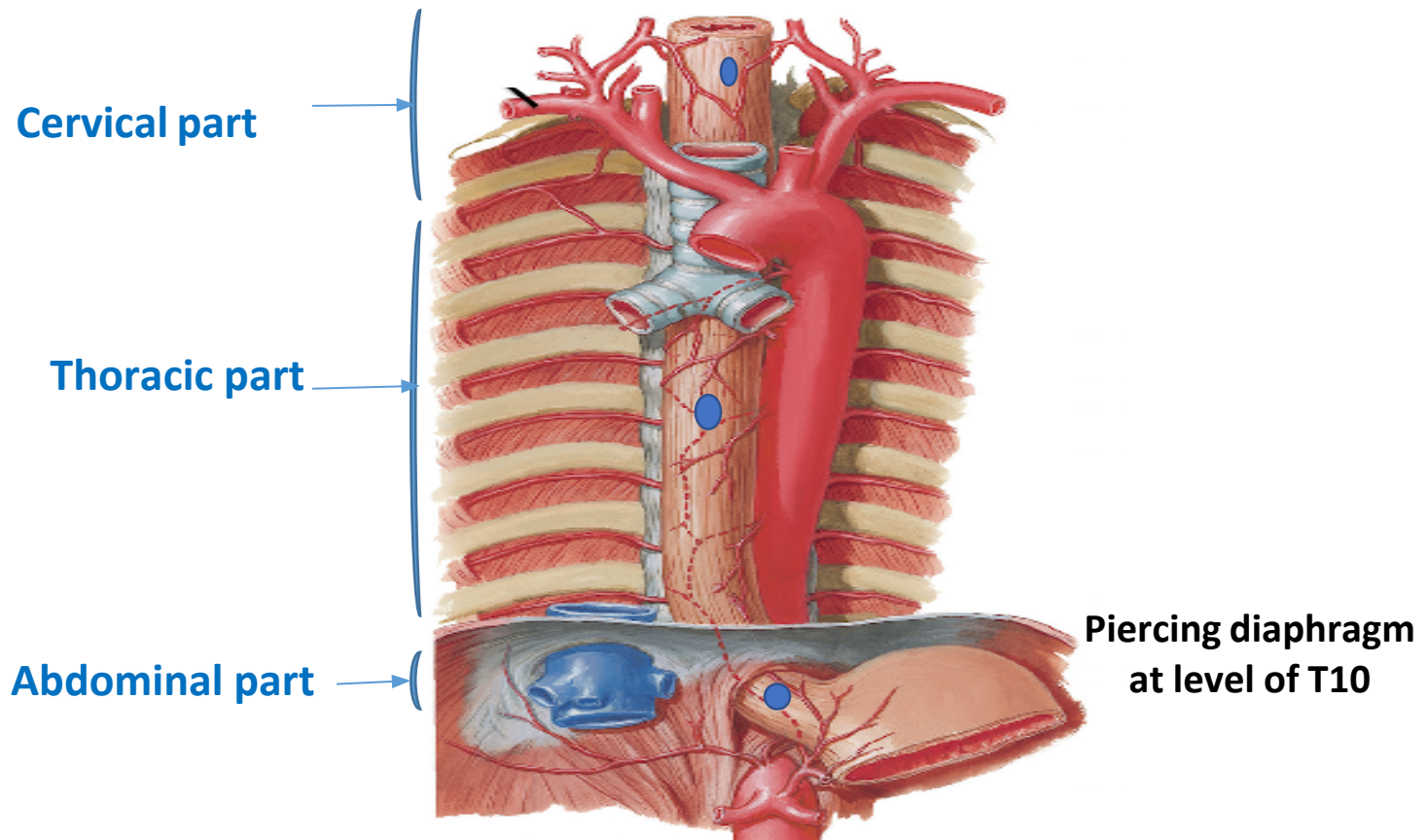
Anatomy Department

College of Medicine

King Saud University

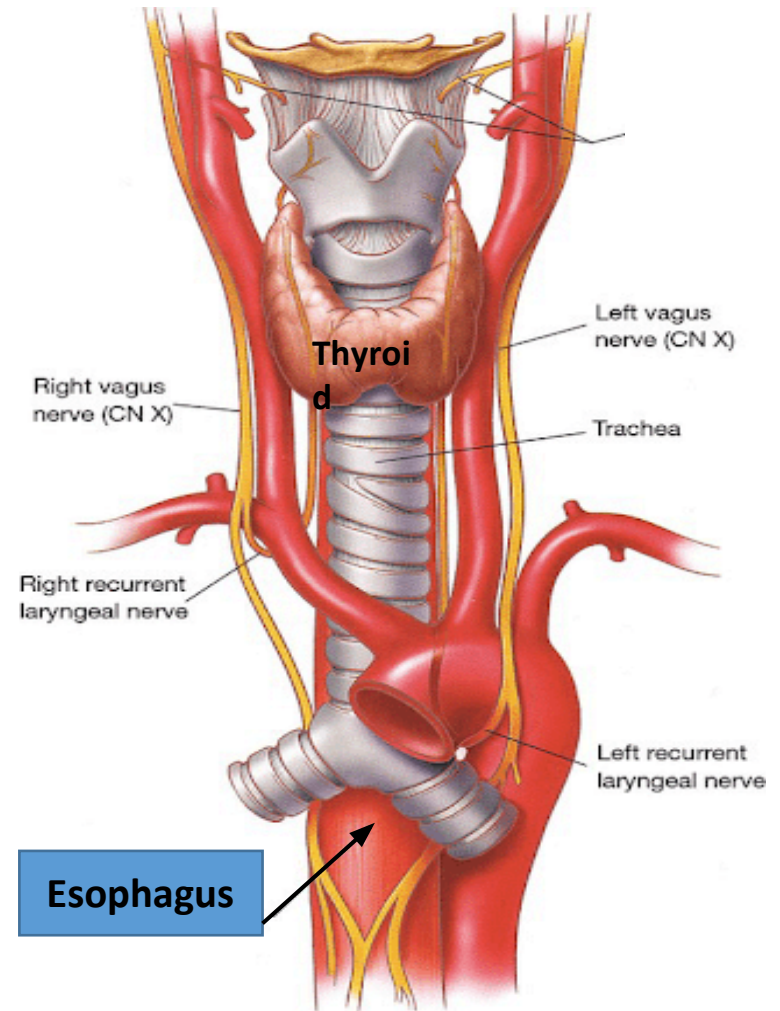
ESOPHAGUS

Esophagus is a muscular tube of 25 cm long



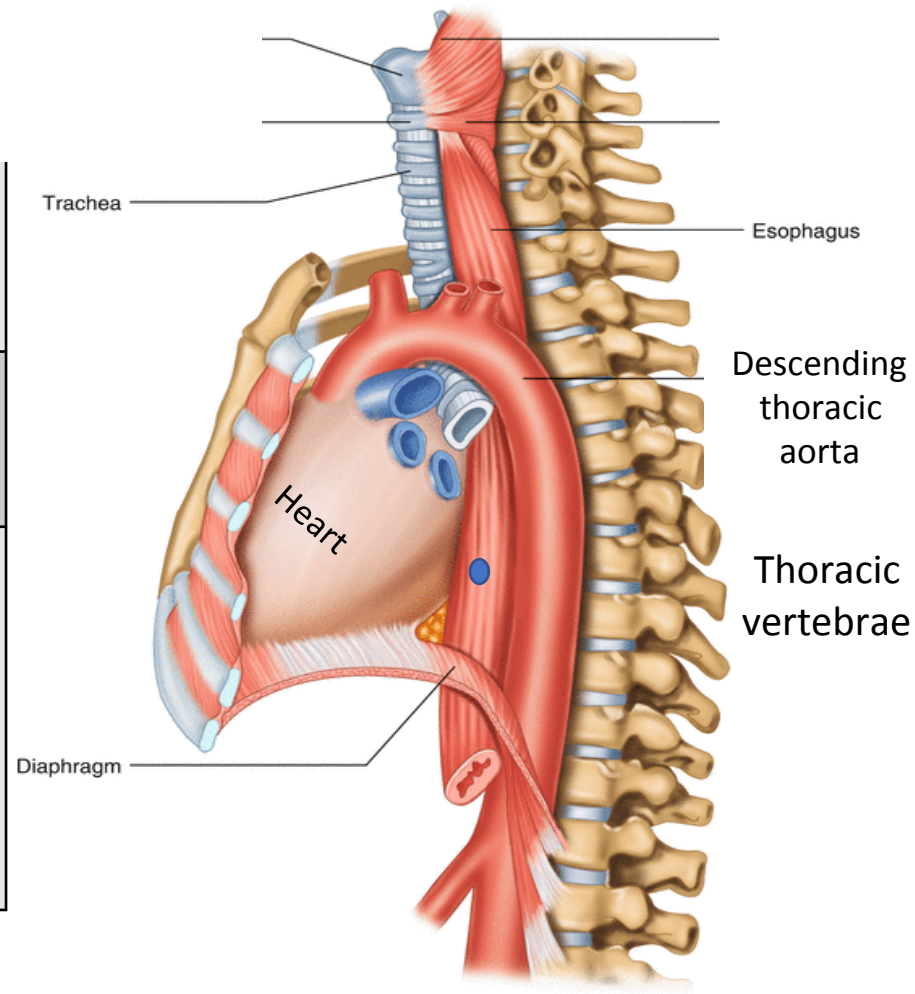
Relations of the Cervical Part of the Esophagus

Anteriorly	Trachea, recurrent laryngeal nerves
Posteriorly	Vertebral column
Laterally	Lobes of thyroid gland



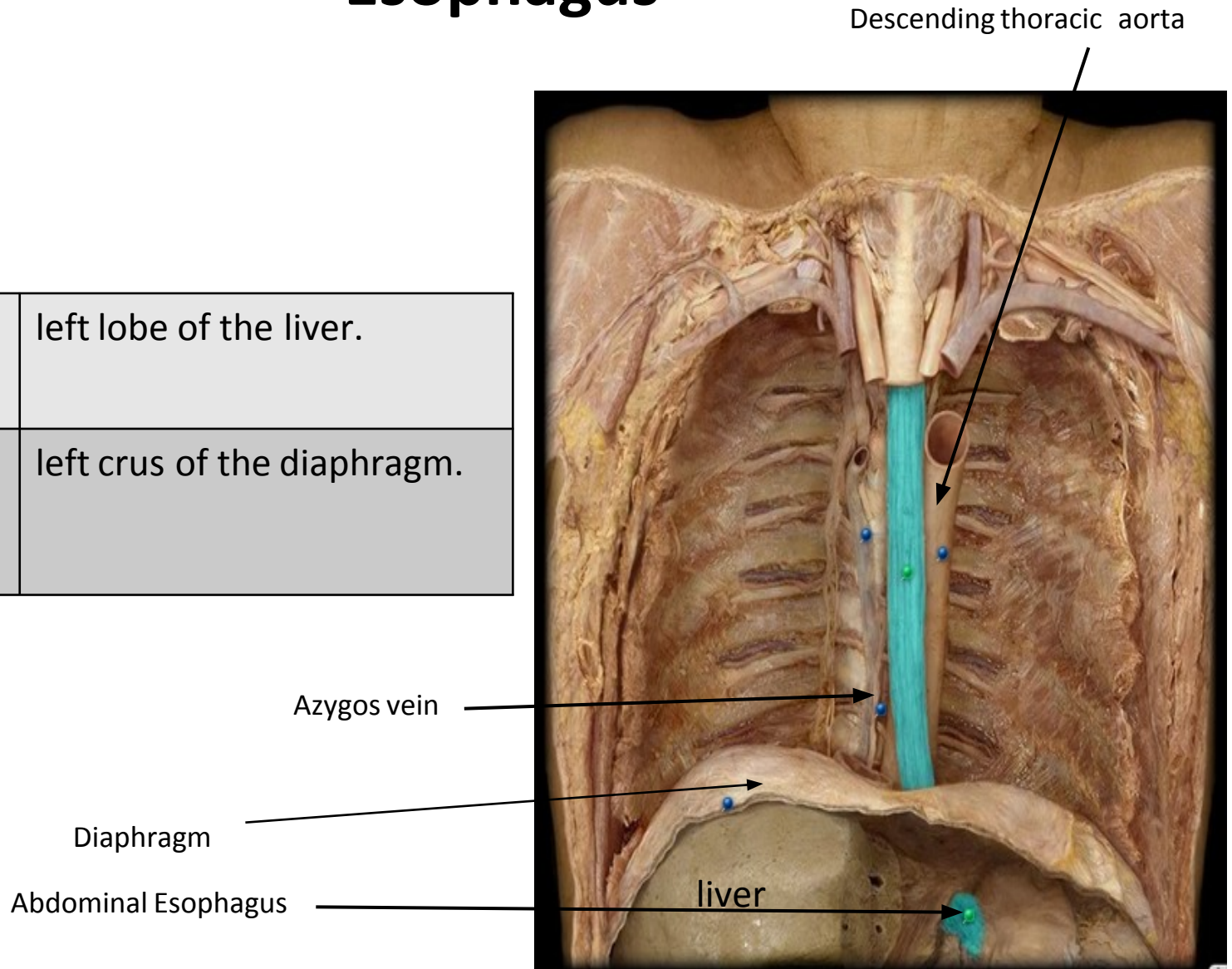
Relations of the Thoracic Part of the Esophagus

Anteriorly	Trachea, Left recurrent laryngeal nerve, Left principal bronchus, Pericardium, Left atrium
Posteriorly	Bodies of the thoracic vertebrae, Thoracic duct, Azygos vein, Descending thoracic aorta
Laterally	On the Right side: Right mediastinal pleura, Terminal part of the azygos vein. On the Left side: Left mediastinal pleura, Left subclavian artery, Aortic arch, Thoracic duct



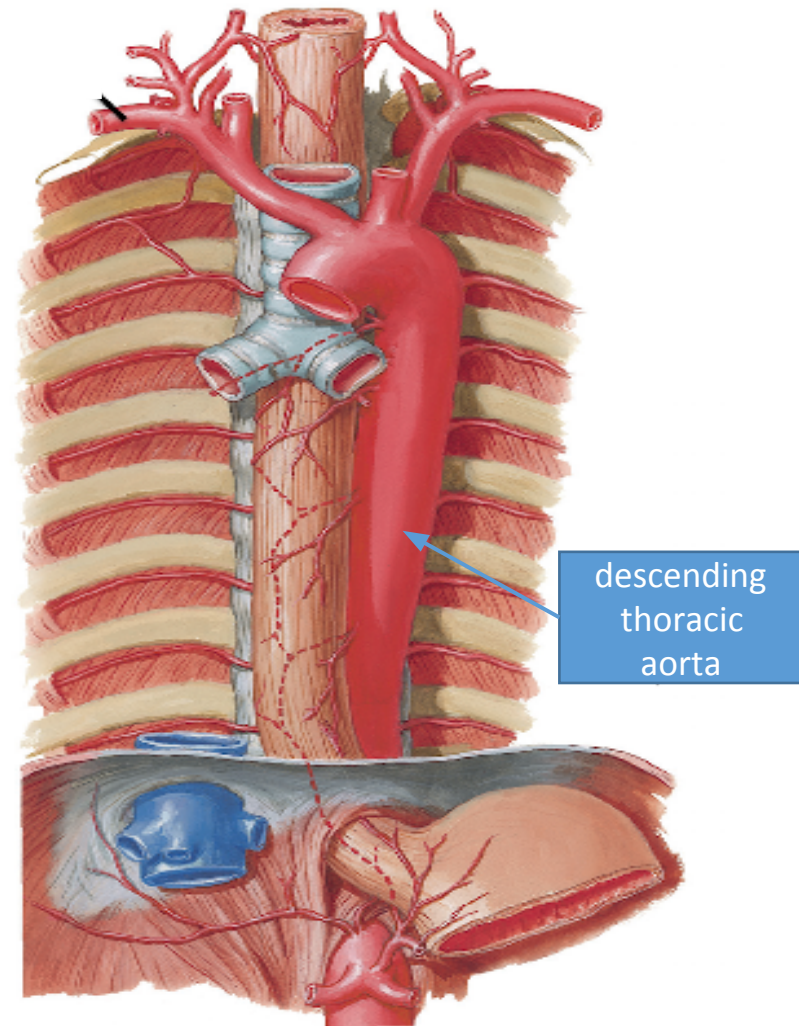
Relations of the Abdominal Part of the Esophagus

Anteriorly	left lobe of the liver.
Posteriorly	left crus of the diaphragm.



Arterial Supply of the Esophagus

- Upper third by the inferior thyroid artery.
- The middle third by descending thoracic aorta.
- The lower third by the left gastric artery.



STOMACH

Parts of the Stomach

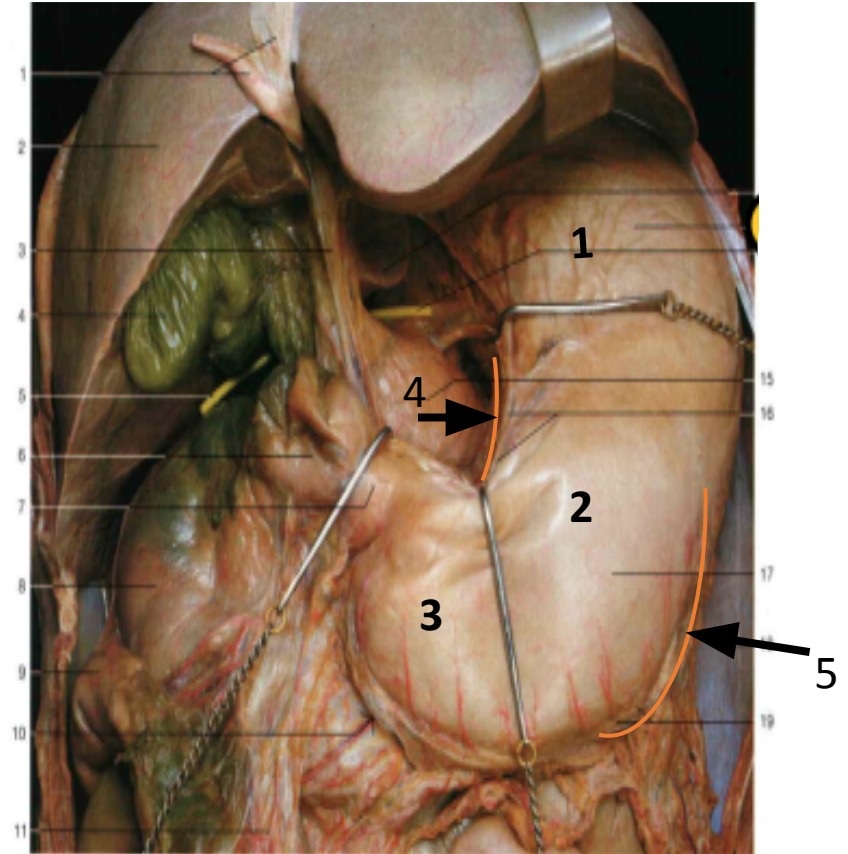
1- Fundus.

2- Body.

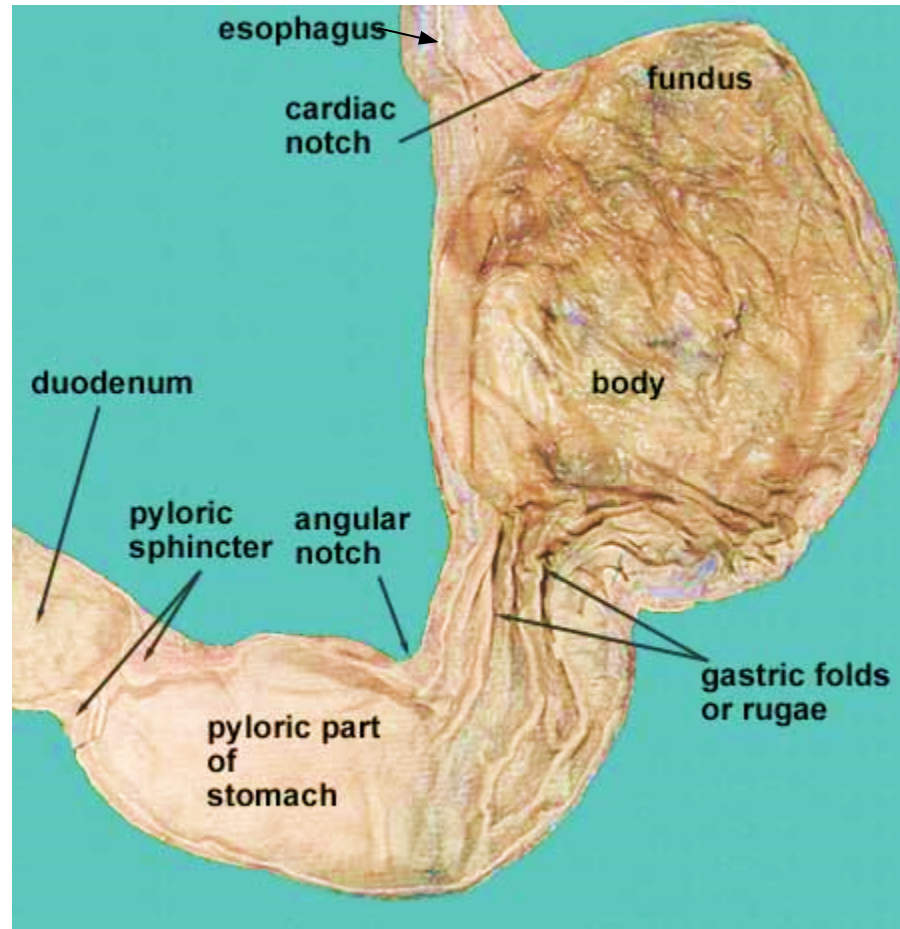
3- Pylorus.

4- Lesser curvature.

5- Greater curvature.

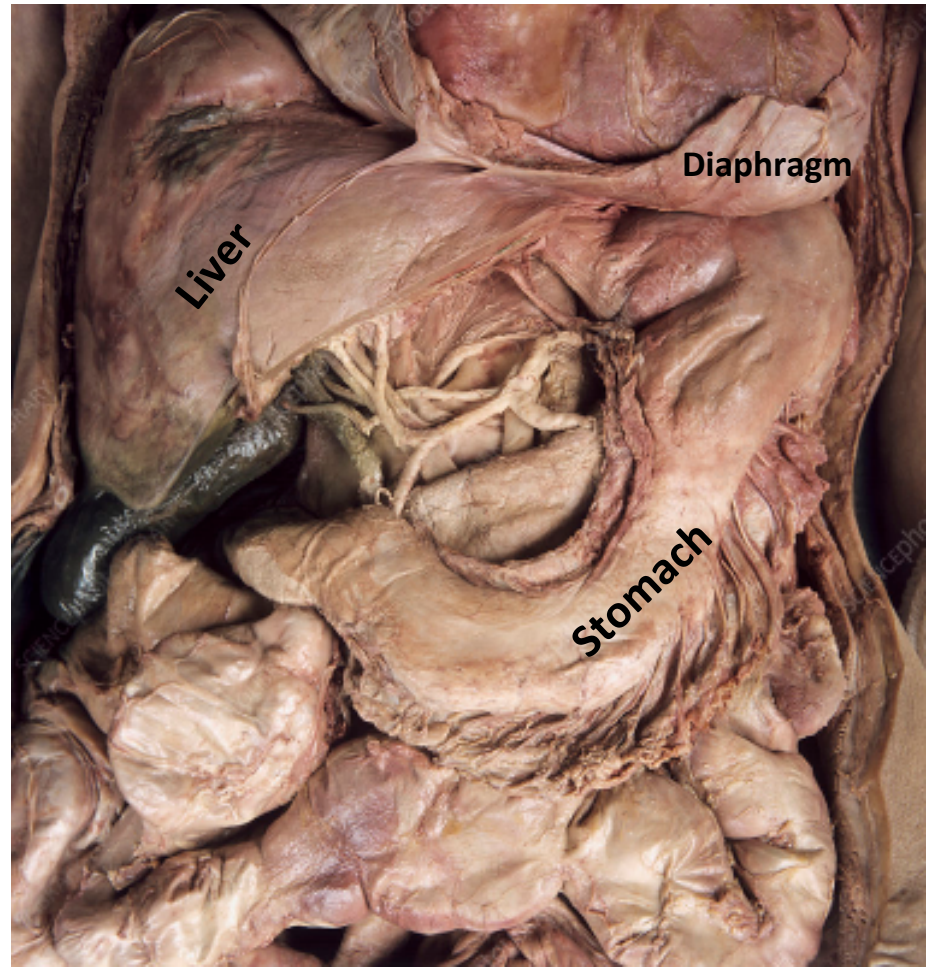


Parts of the Stomach



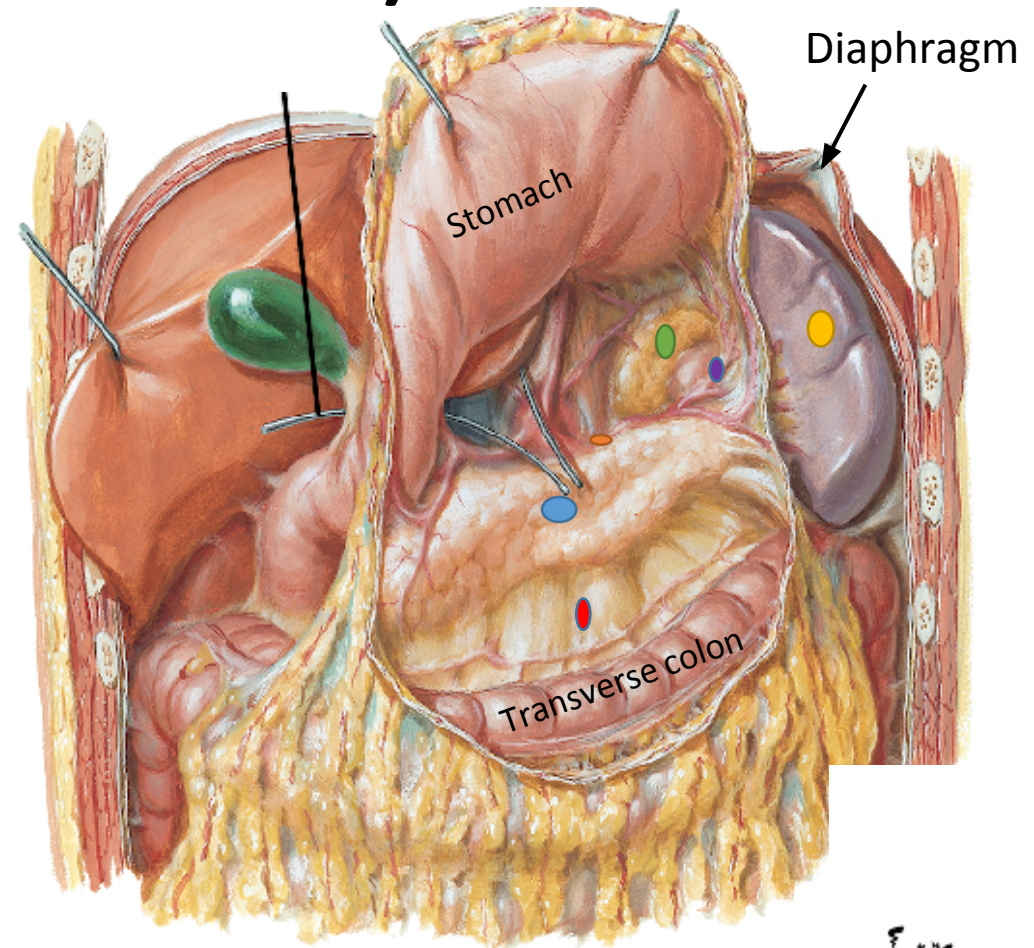
Anterior Relations of the Stomach

- Anterior abdominal wall.
- Left costal margin.
- Left pleura & lung.
- Diaphragm.
- Left lobe of the liver.



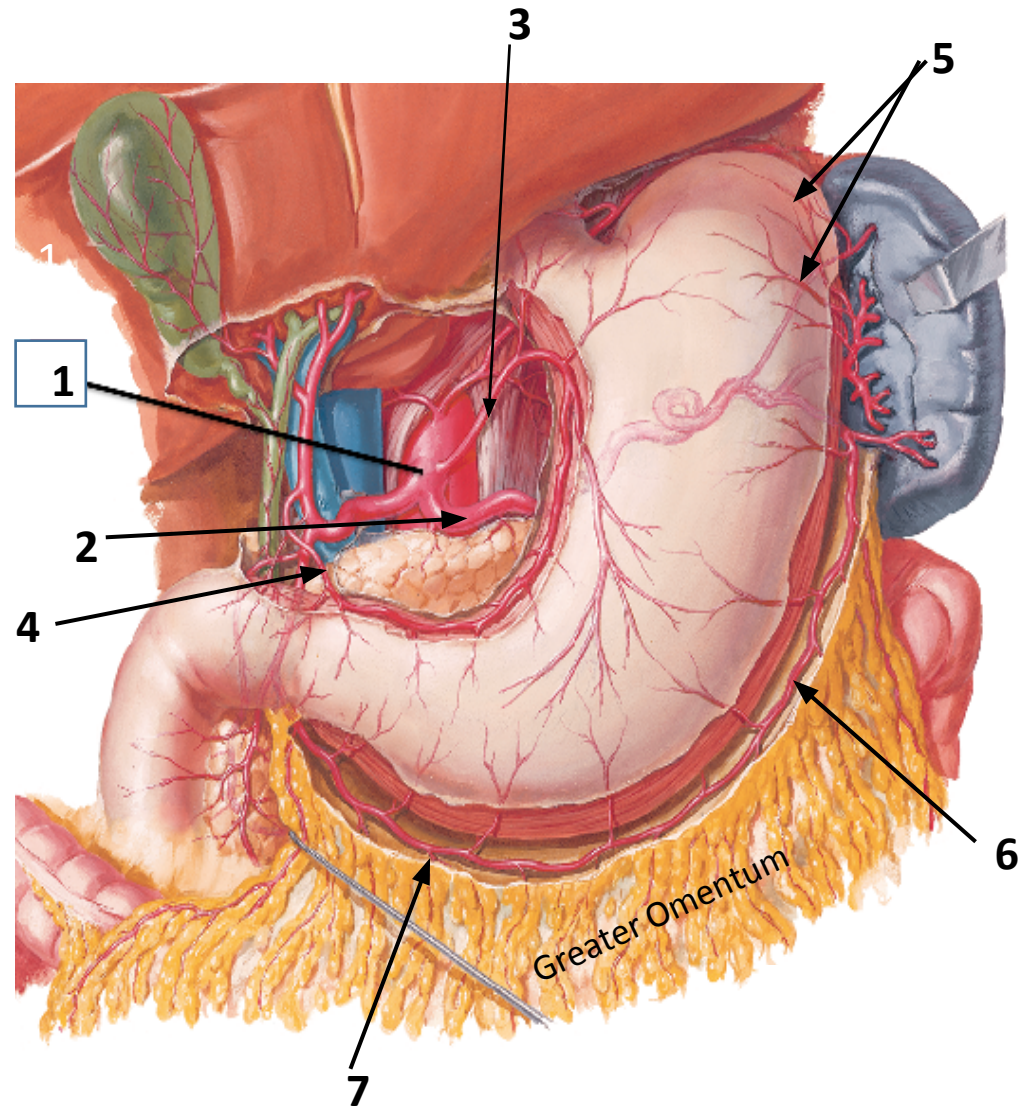
Posterior Relations of the Stomach (Stomach Bed)

- Peritoneum of Lesser sac.
- Left crus of diaphragm.
- Left suprarenal gland.
- Part of left kidney.
- Spleen.
- Splenic artery.
- Pancreas.
- Transverse mesocolon.



Blood Supply of the Stomach

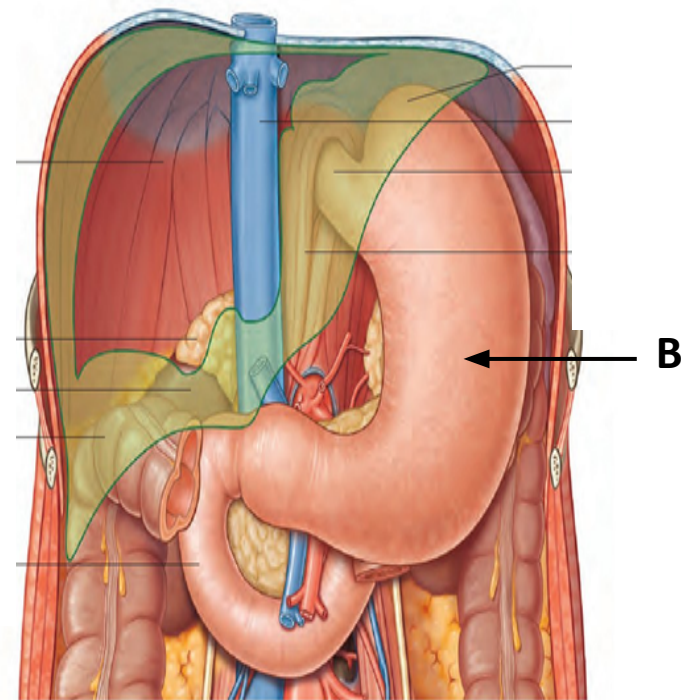
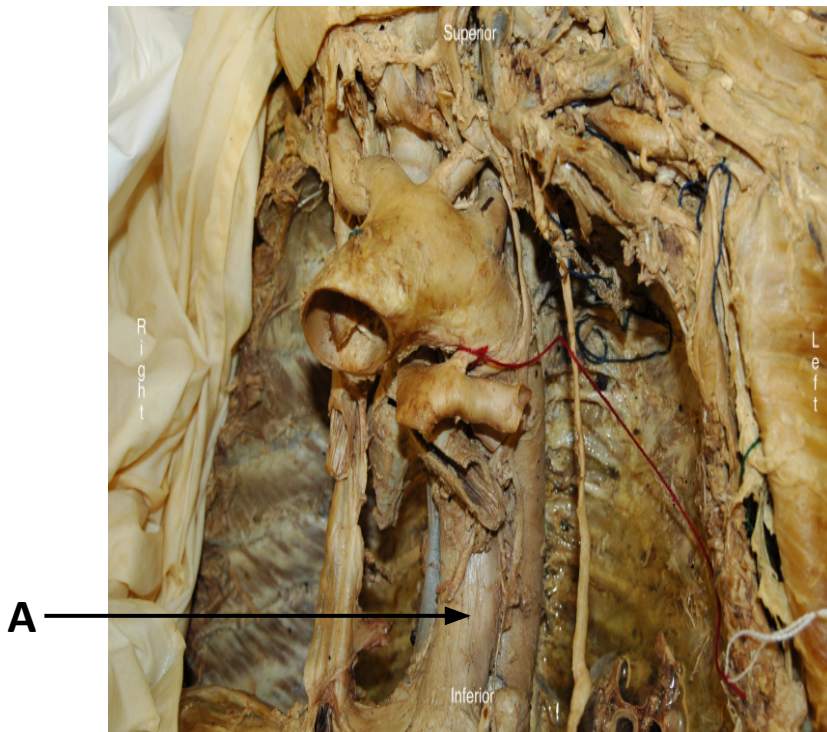
- 1- Celiac trunk.
- 2- splenic artery.
- 3- left gastric artery.
- 4- right gastric artery.
- 5- short gastric arteries.
- 6- left gastroepiploic artery.
- 7- right gastroepiploic artery.



Revision

- Name the structure (A).
- Mention the lateral relations of (A).
- Mention the sites of anatomical constrictions of (A).

- Name the structure (B).
- Enumerate the structures forming the posterior relations of (B).



Thank You

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