



MED439

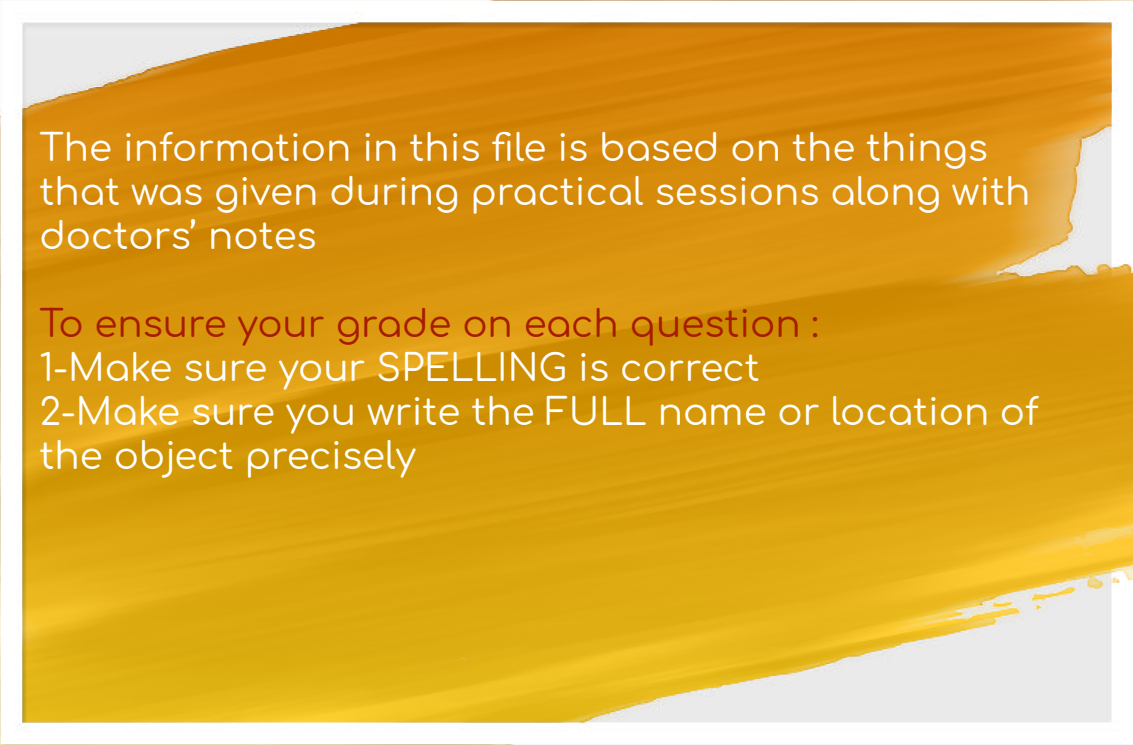


Mediastinum & Radiology

Respiratory Block



Anatomy Practical team - Med 439



The information in this file is based on the things that was given during practical sessions along with doctors' notes

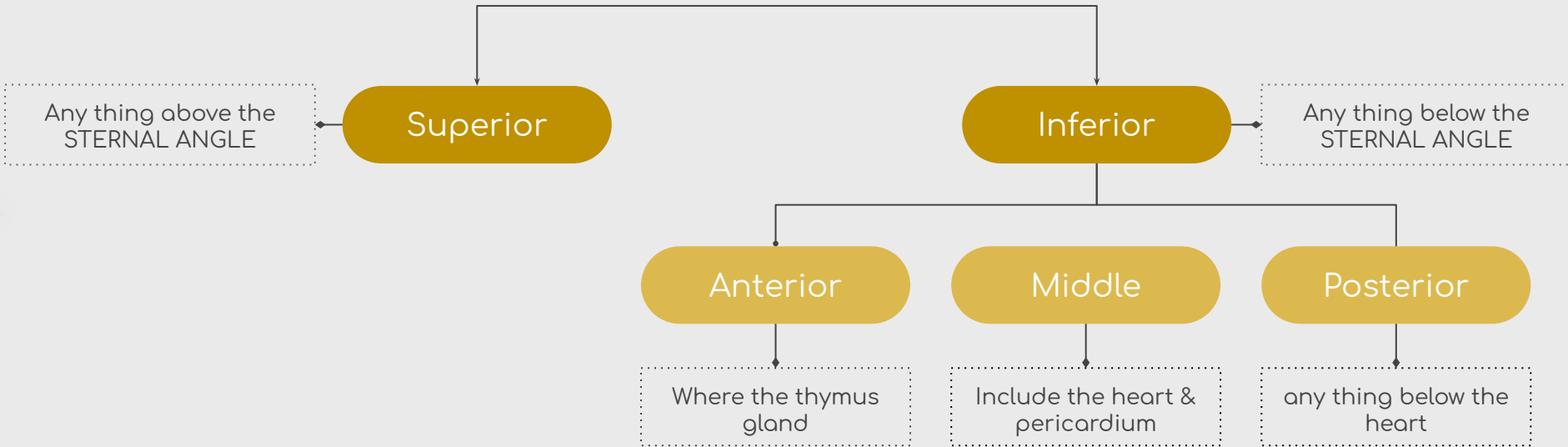
To ensure your grade on each question :

1-Make sure your SPELLING is correct

2-Make sure you write the FULL name or location of the object precisely

How we can recognize sites of mediastinum?

Sternal angle divides the mediastinum



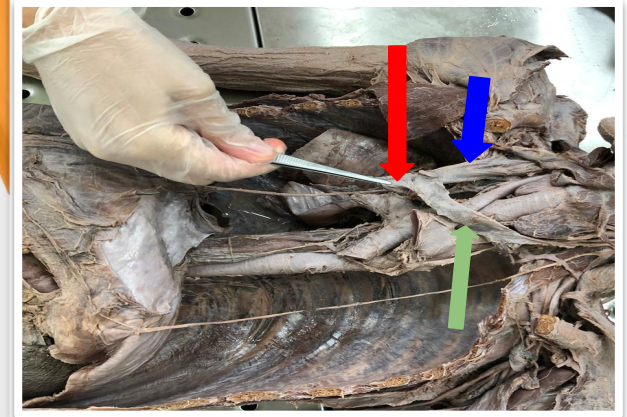


VEINS



Azygos vein:
Found in posterior Mediastinum

اکثر شيء يميزه أنه ملتصق على
thoracic vertebrae



Right brachiocephalic vein: found in superior mediastinum

Left brachiocephalic vein: found in superior mediastinum

“ At the end they combine to form the Superior Vena Cava”

Superior vena cava: found in superior & middle mediastinum



NERVES

Vagus nerve

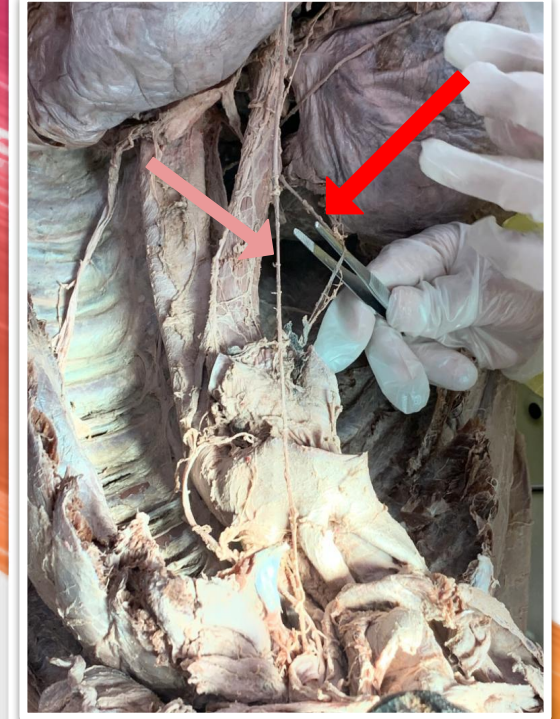
Found in superior & posterior mediastinum

“ Short, Start from the neck “
“ and penetrate trachea “

Phrenic nerve

Found in superior & middle mediastinum

“ Long, contentious at the diaphragm “





ARTERIES

Ascending aorta

Found in the middle
mediastinum

Cut from the specimen and most
likely we won't see it

Arch of aorta

Found in the superior
mediastinum

Descending aorta

Found in the posterior
mediastinum.

Directly behind the
esophagus



Arch of the aorta gives rise to 3 arteries:

**Brachiocephalic
artery**

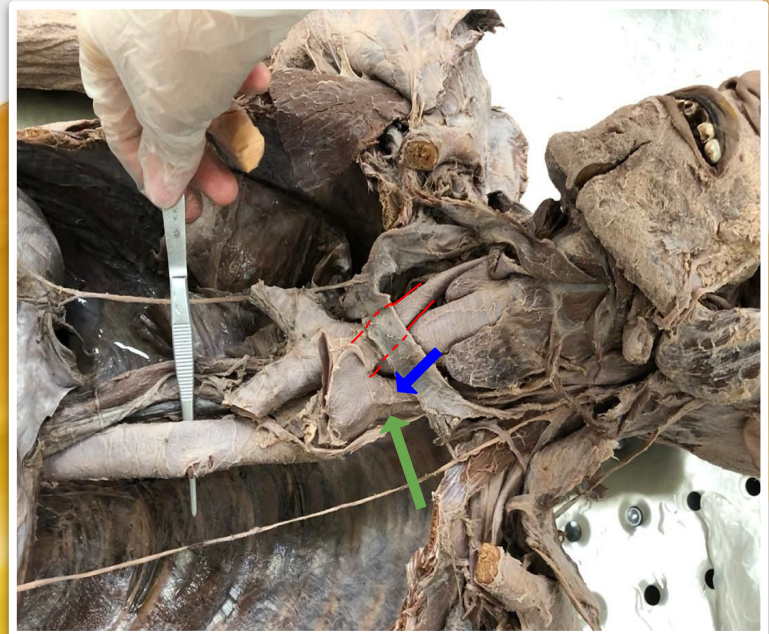
Found in the superior
mediastinum

**Left common
carotid artery:**

Found in the superior
mediastinum

**Left subclavian
artery:**

Found in the superior
mediastinum





TUBES



Esophagus

Found in the superior and posterior mediastinum



Trachea

Found in the superior mediastinum

Right main
bronchus

Left main
bronchus



Left sympathetic trunk
Found in the posterior mediastinum



Right sympathetic trunk
Found in the posterior mediastinum

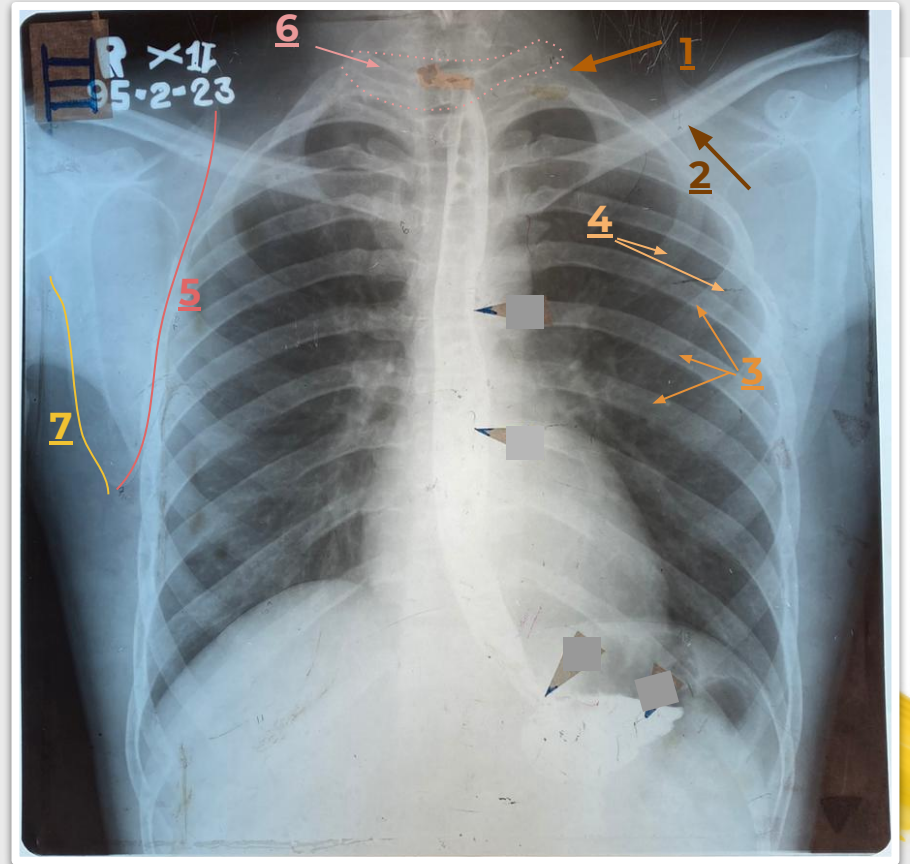
They are attached to the lateral side of the thoracic vertebrae.

The image features three horizontal brush strokes of varying lengths and colors, ranging from a deep red at the top to a bright orange at the bottom. A white rectangular frame is superimposed over the center of these strokes. Inside the frame, the word "Radiology" is written in a clean, white, sans-serif font, centered horizontally and vertically.

Radiology

Bones

- 1-First Rib
- 2-Clavicle
- 3-Ribs (Anterior)
- 4-Ribs (Posterior)
- 5-Medial border of Scapula
- 6-Thoracic Vertebrae(T1)
- 7-Lateral border of Scapula



1-Trachea

2-Aortic Knuckle (projection)

3-Right dome of Diaphragm

4-Left dome of Diaphragm

5-Right Costodiaphragmatic angle

6-Left Costodiaphragmatic angle

7-Right Cardiophrenic angle

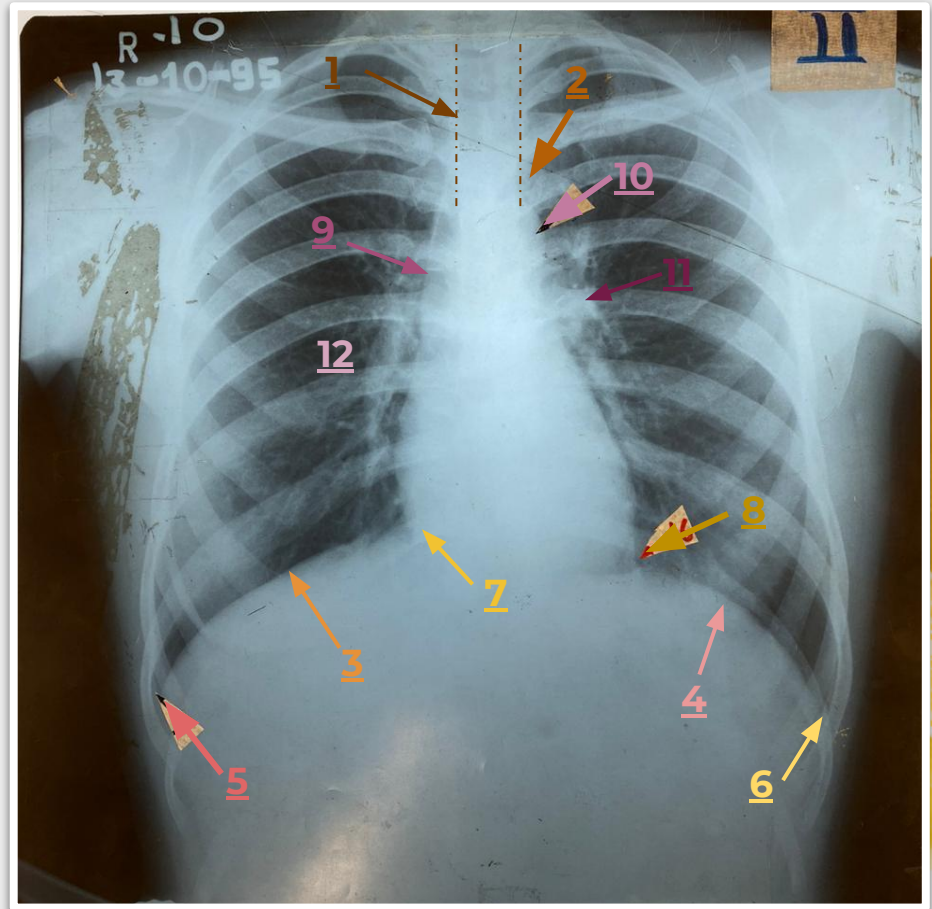
8-left Cardiophrenic angle

9-Superior Vena cava

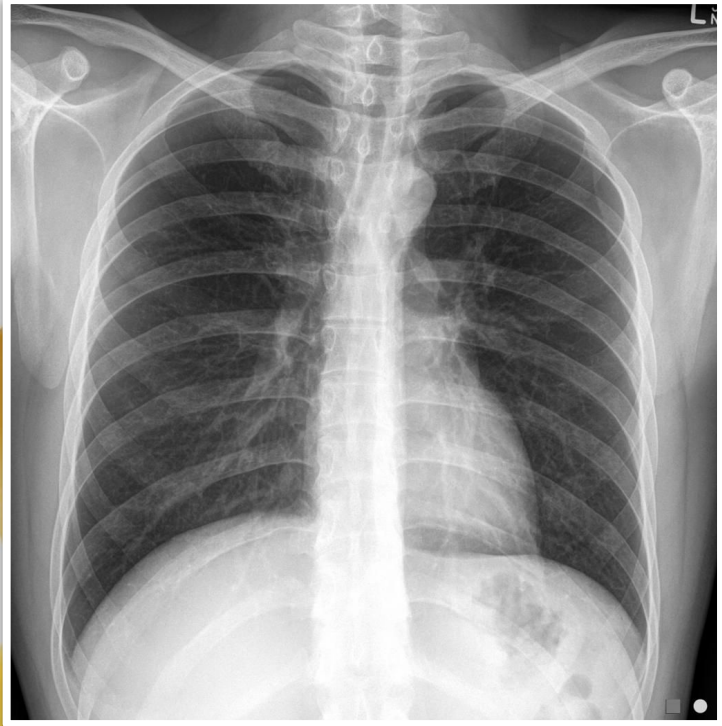
10-Pulmonary Trunk

11-Root of Lung

12-Lung

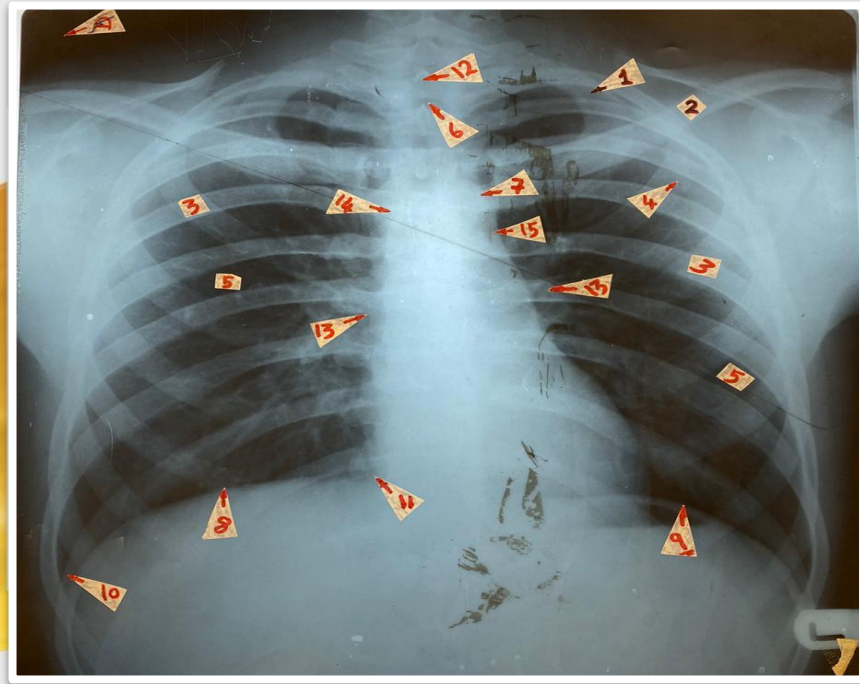


Extra clear Pictures



Quiz

- 1-
- 2-
- 3-
- 4-
- 5-
- 6-
- 7-
- 8-
- 9-
- 10-
- 11-
- 12-
- 13-
- 14-
- 15-



- 1- Left dome of diaphragm
- 2- Clavicle
- 3- Rib
- 4- Medial border of Scapula
- 5- Lung
- 6- Trachea
- 7- Aortic Knuckle
- 8- Right dome of diaphragm
- 9- Left dome of diaphragm
- 10- Right costodiaphragmatic angle
- 11- Right Cardiophrenic angle
- 12- vertebrae
- 13- Root of lung
- 14- Superior Vena cava
- 15- Pulmonary Trunk

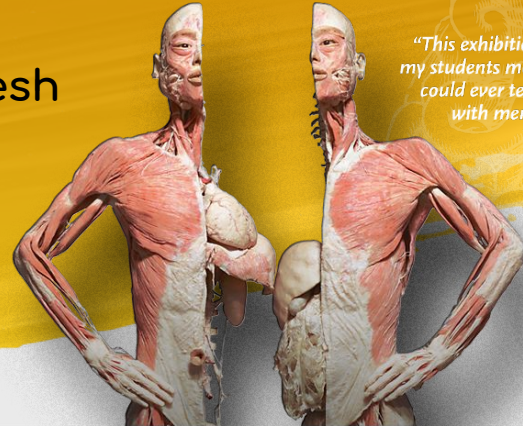
Don't stop until you are proud.

Team Members:

- Rania Almutiri
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- Norah Alasheikh
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- Fatimah alhelal
- Samar almohammedi
- Khalid Alosaimii
- Hadi Alhemsii
- Abdulrahman addweesh
- Abdulmalik Mokhtar

Team Leaders:

- Renad Alhomaidi
- Bassam Alasmari



"This exhibition taught my students more than I could ever teach them with mere words."