



CVS module

Practical 1 Thoracic wall and Mediastinum

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1st Practical check list

I- Ribs and sternum

- 1- Identify Parts of the typical ribs (Head ,neck ,tubercle, shaft and subcostal groove)
- 2-Know classification of ribs (True ,false and floating) (Typical and atypical)
- 3- 1 Identify 1st and 2nd ribs
- 4- Know different parts of the sternum
- 5- Know articulation of ribs with thoracic vertebra

II-Parts of Mediastinum

III-Boundaries of Mediastinum

IV-Contents superior Mediastinum

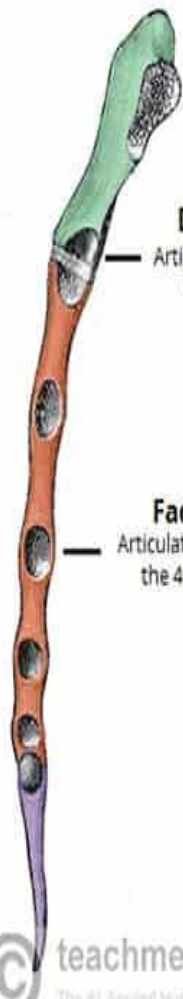
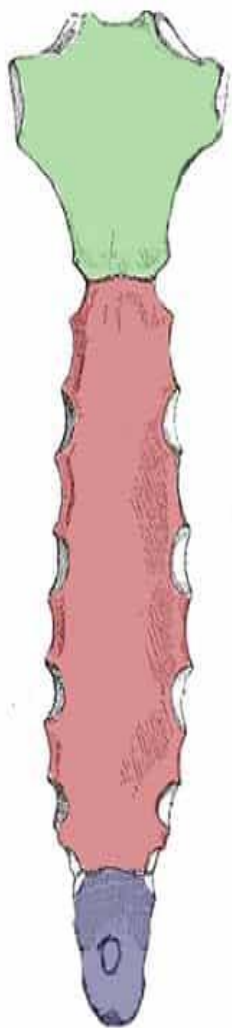
1. Arch of Aorta
2. Brachiocephalic trunk
3. Left common carotid artery
4. Left subclavian artery
5. Right and left brachiocephalic veins
6. Superior vena cava
7. Phrenic nerve
8. Vagus nerves
9. Recurrent laryngeal nerve
10. Trachea
11. Oesophagus

V- Contents of posterior mediastinum

1. Descending thoracic aorta
2. Intercostal vessels
3. Azygos vein
4. Superior and inferior Hemiazygos vein
5. Thoracic duct
6. Vagus nerve
7. Oesophagus

VI- Contents of middle mediastinum

1. Heart
2. Pericardium
3. Ascending aorta
4. Tracheal bifurcation and both main bronchi
5. Pulmonary trunk and right/left pulmonary arteries & veins
6. Phrenic nerve
7. Lower half of the SVC

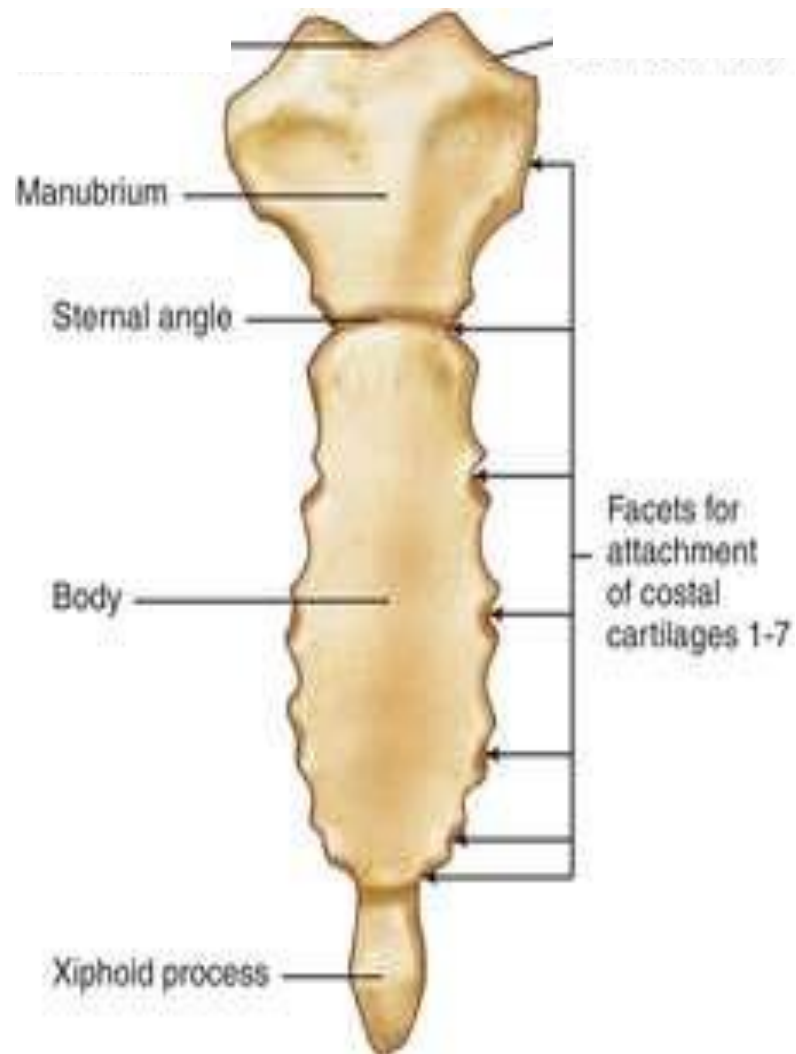
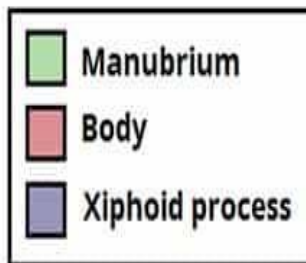


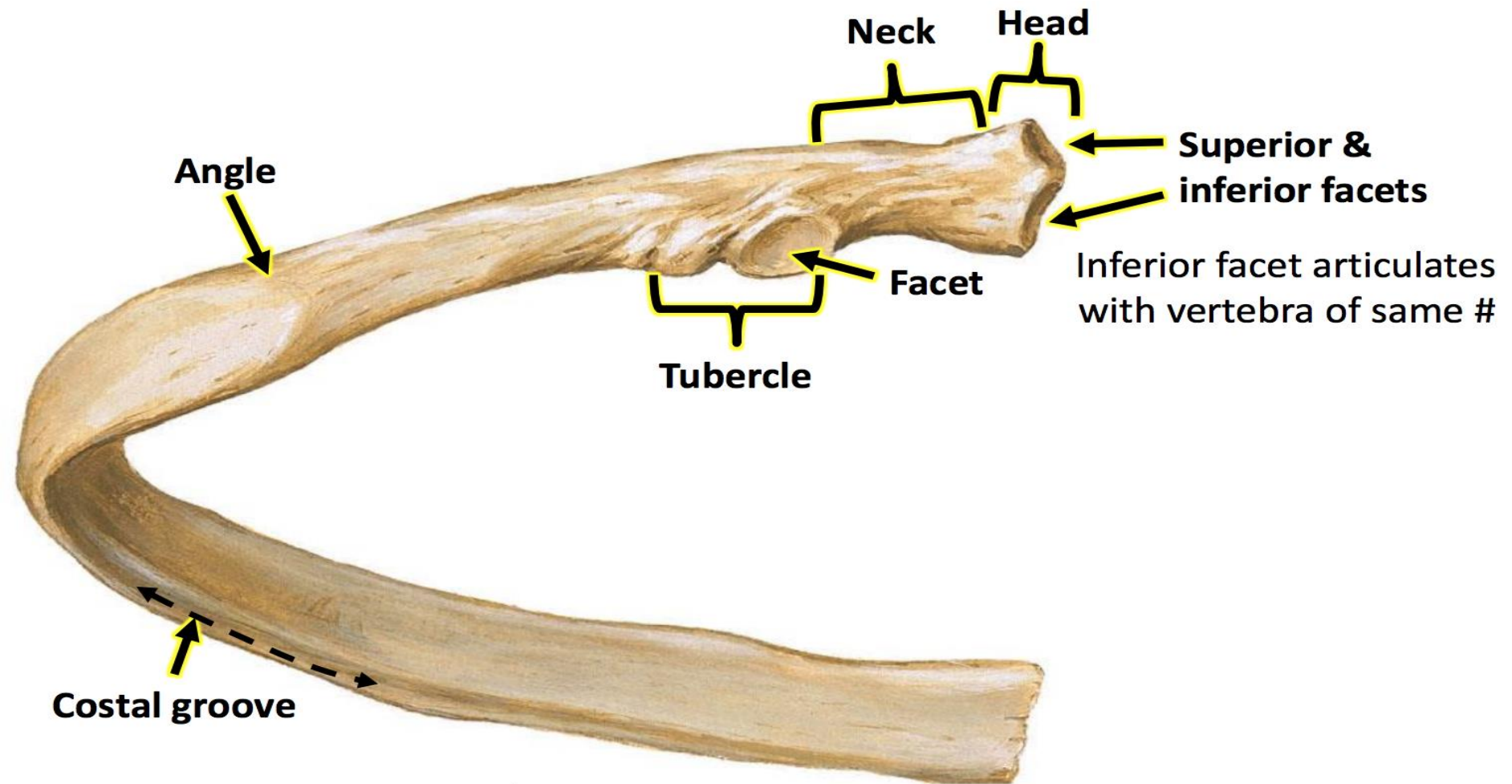
Demi facet

Articulates with part of the 2nd rib

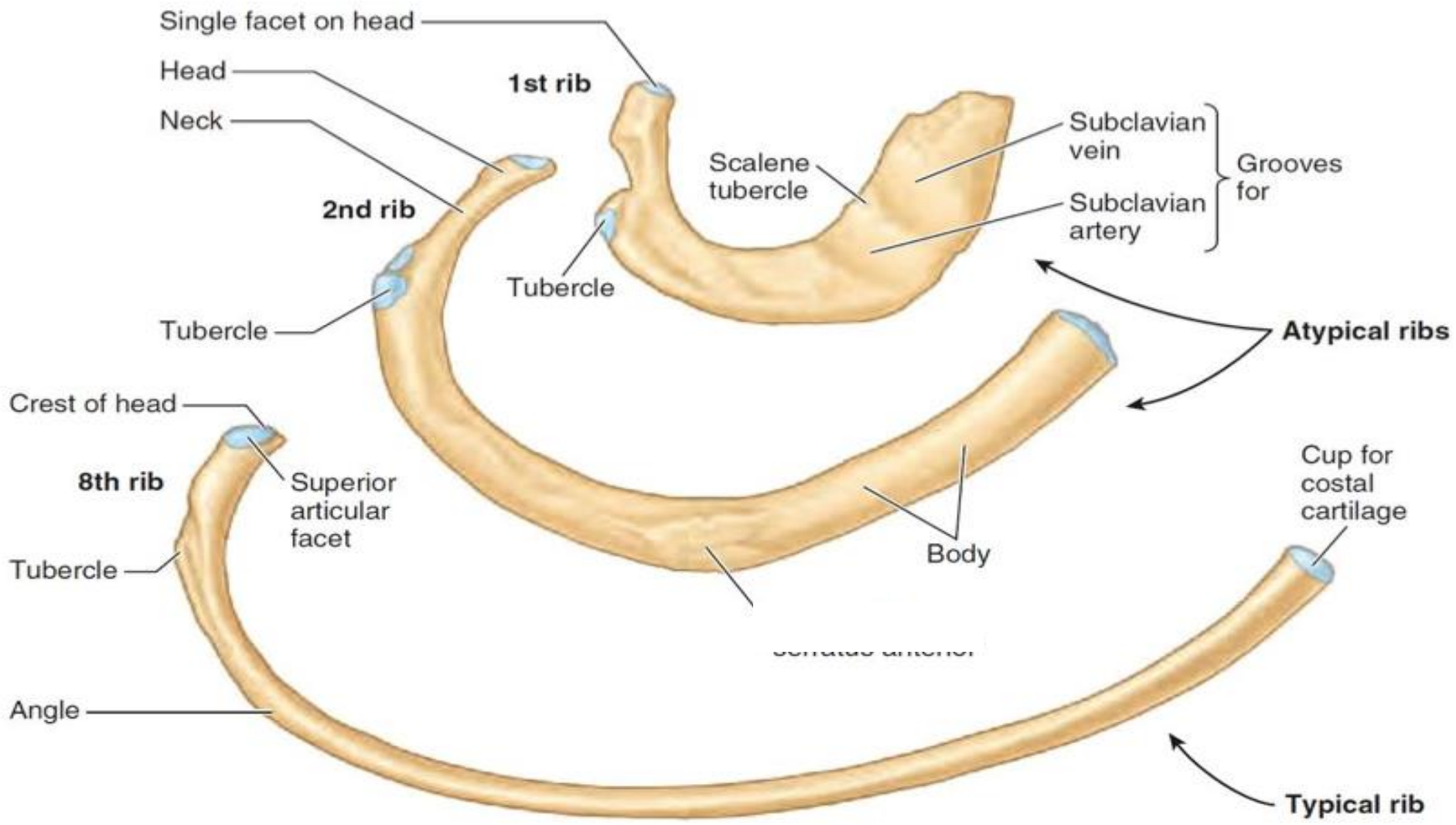
Facet

Articulates with the 4th rib





Left rib: Posterior view



**Head of the
ribs**



Neck of the ribs

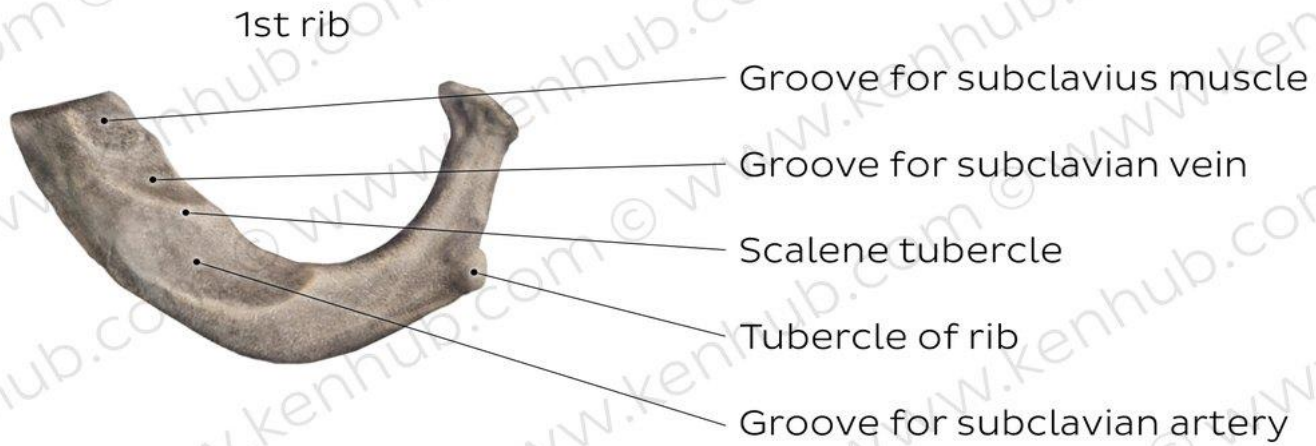


Costal grove



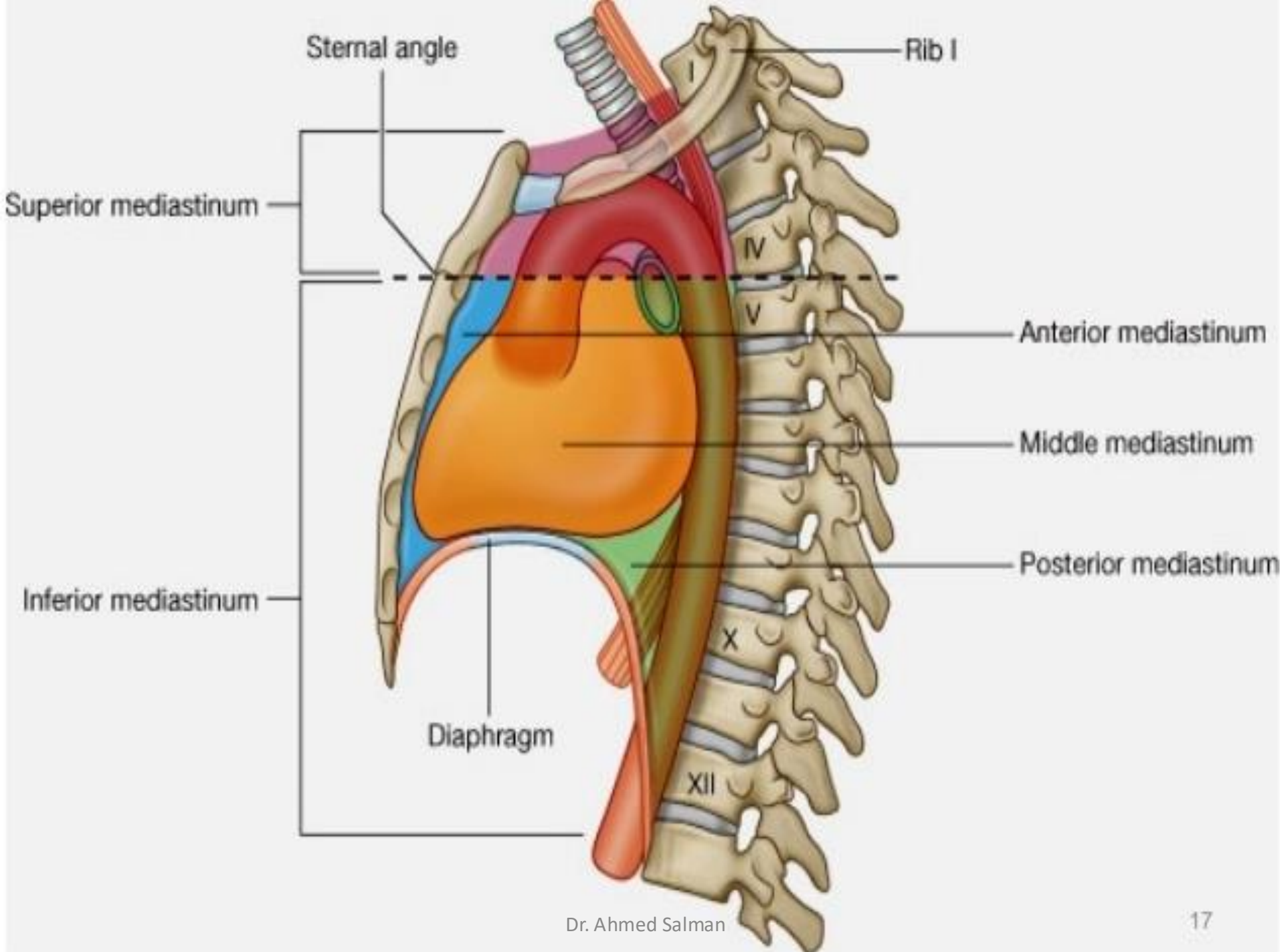
**Tubercle of the
ribs**

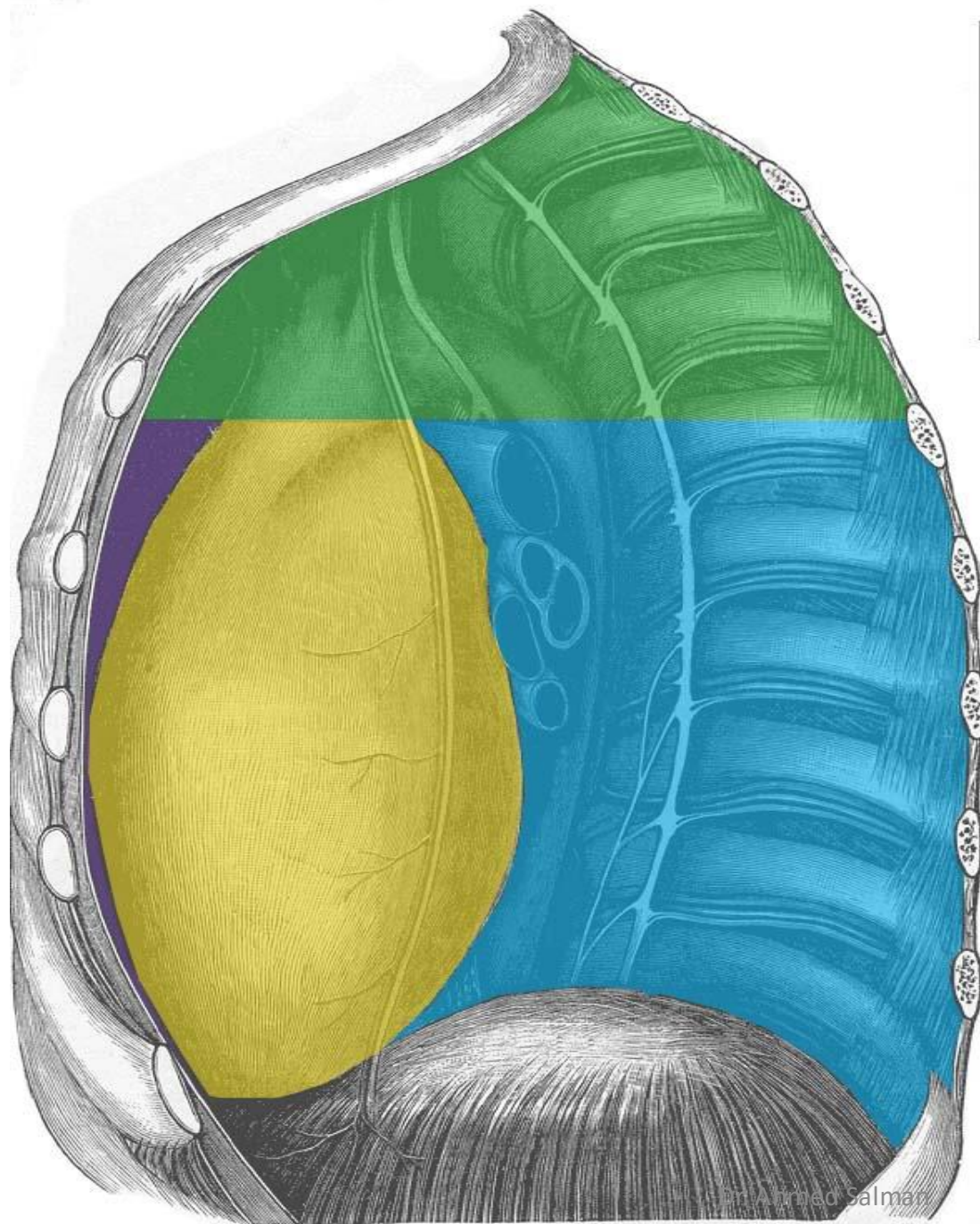




1st Rib

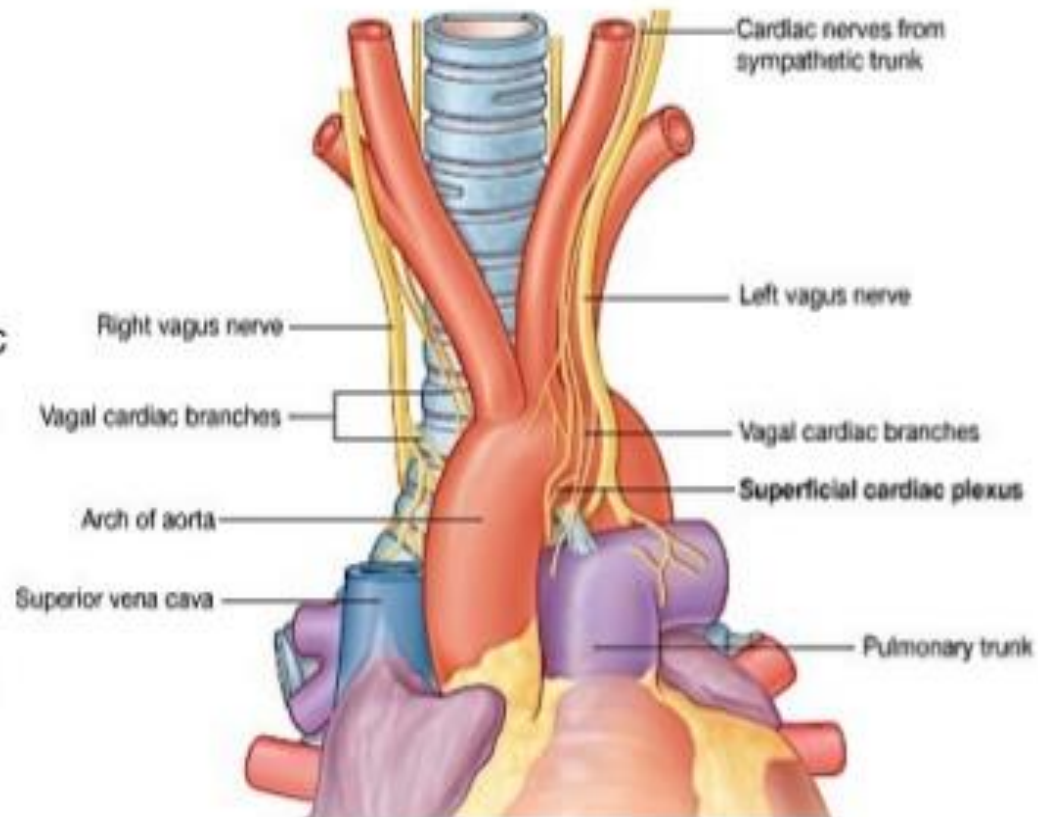
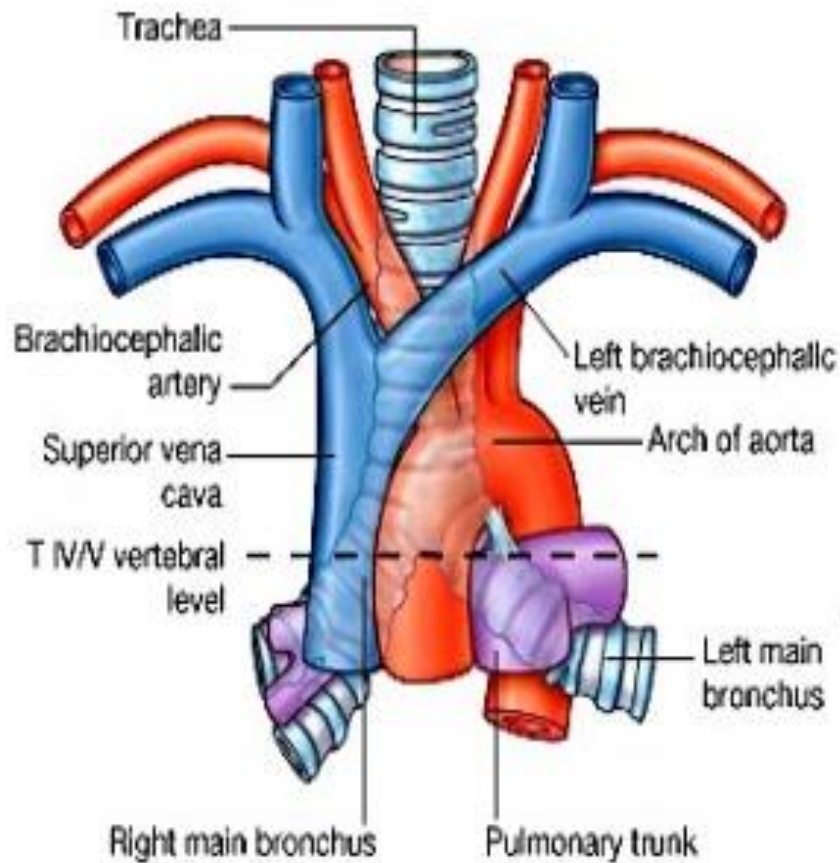


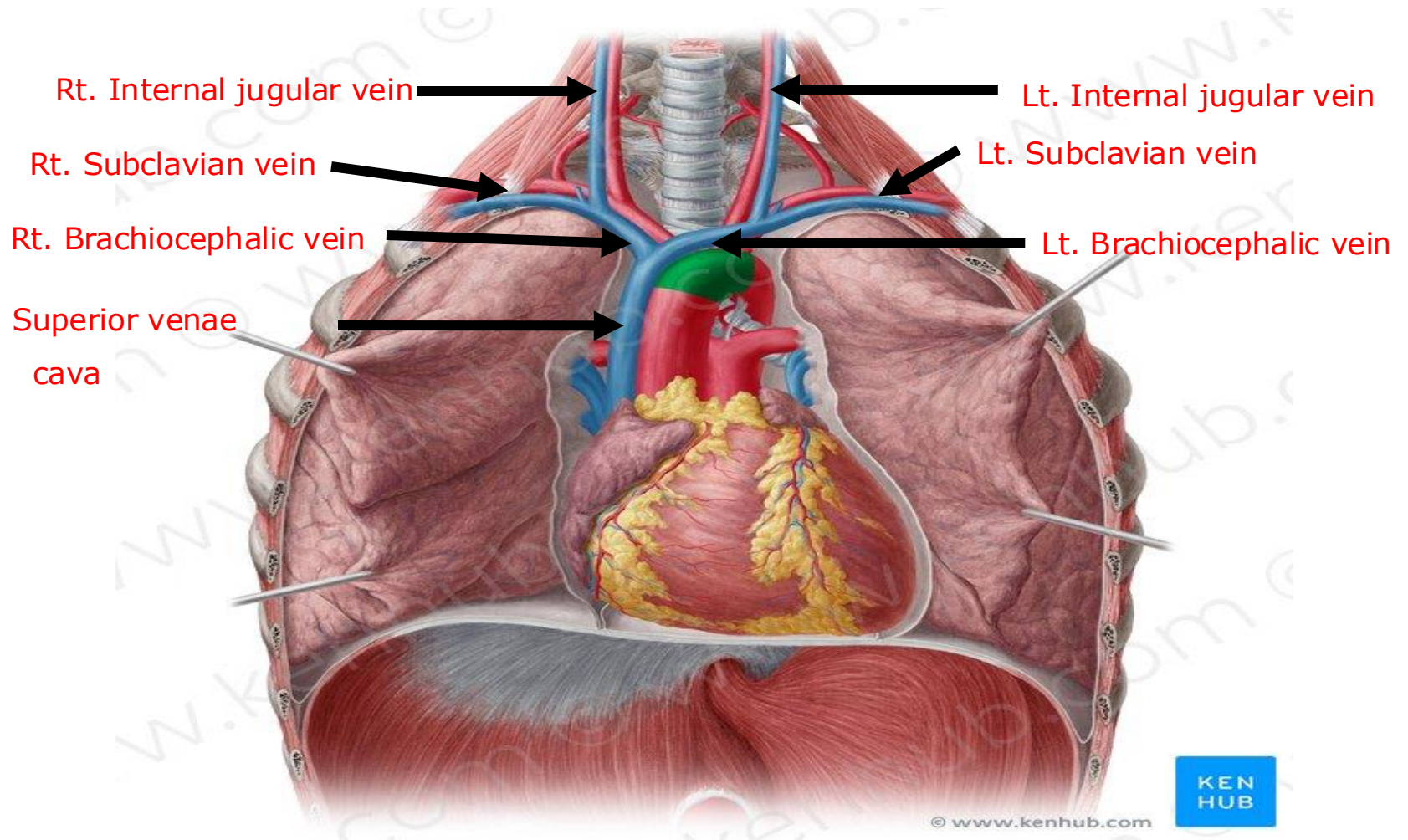


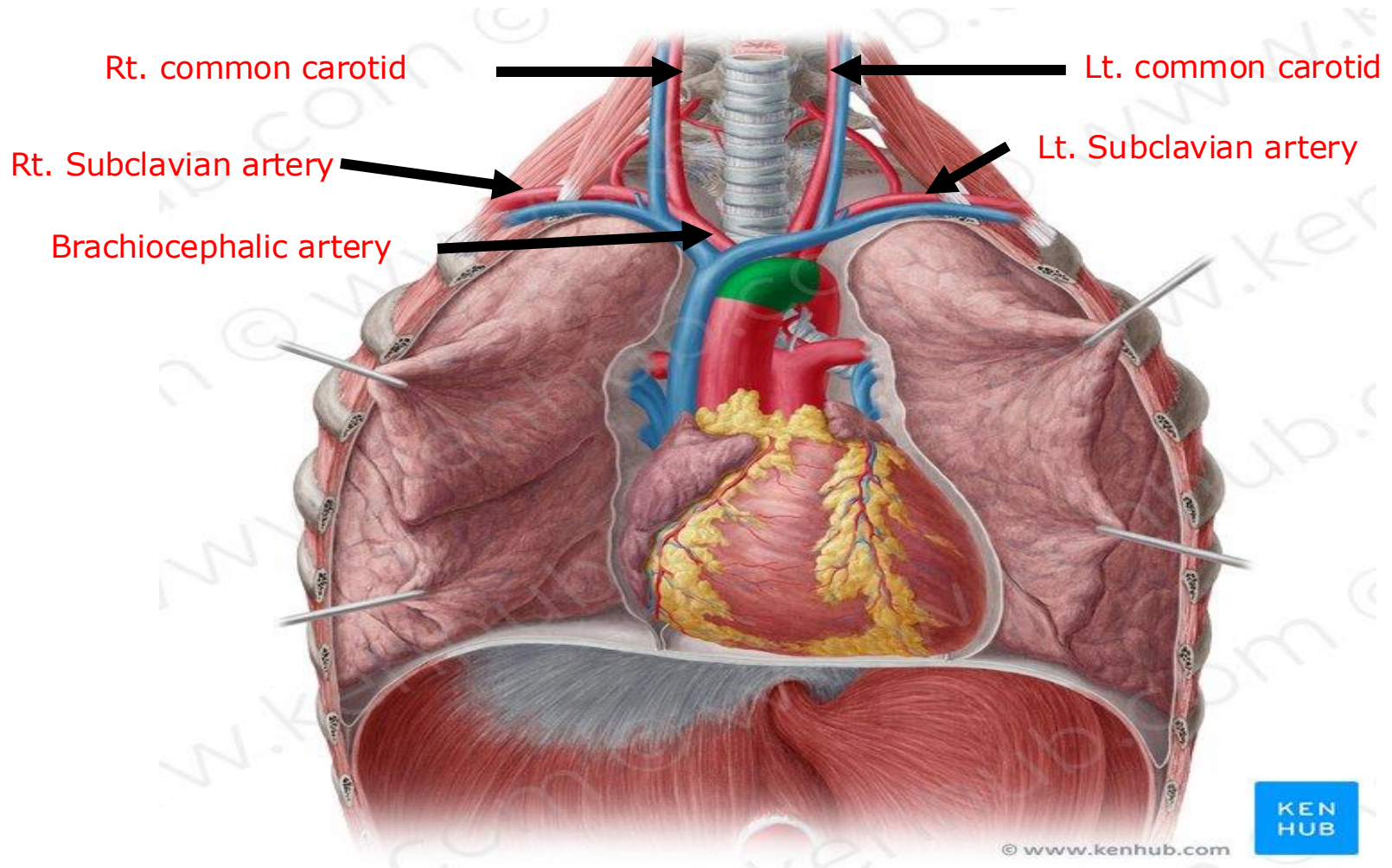


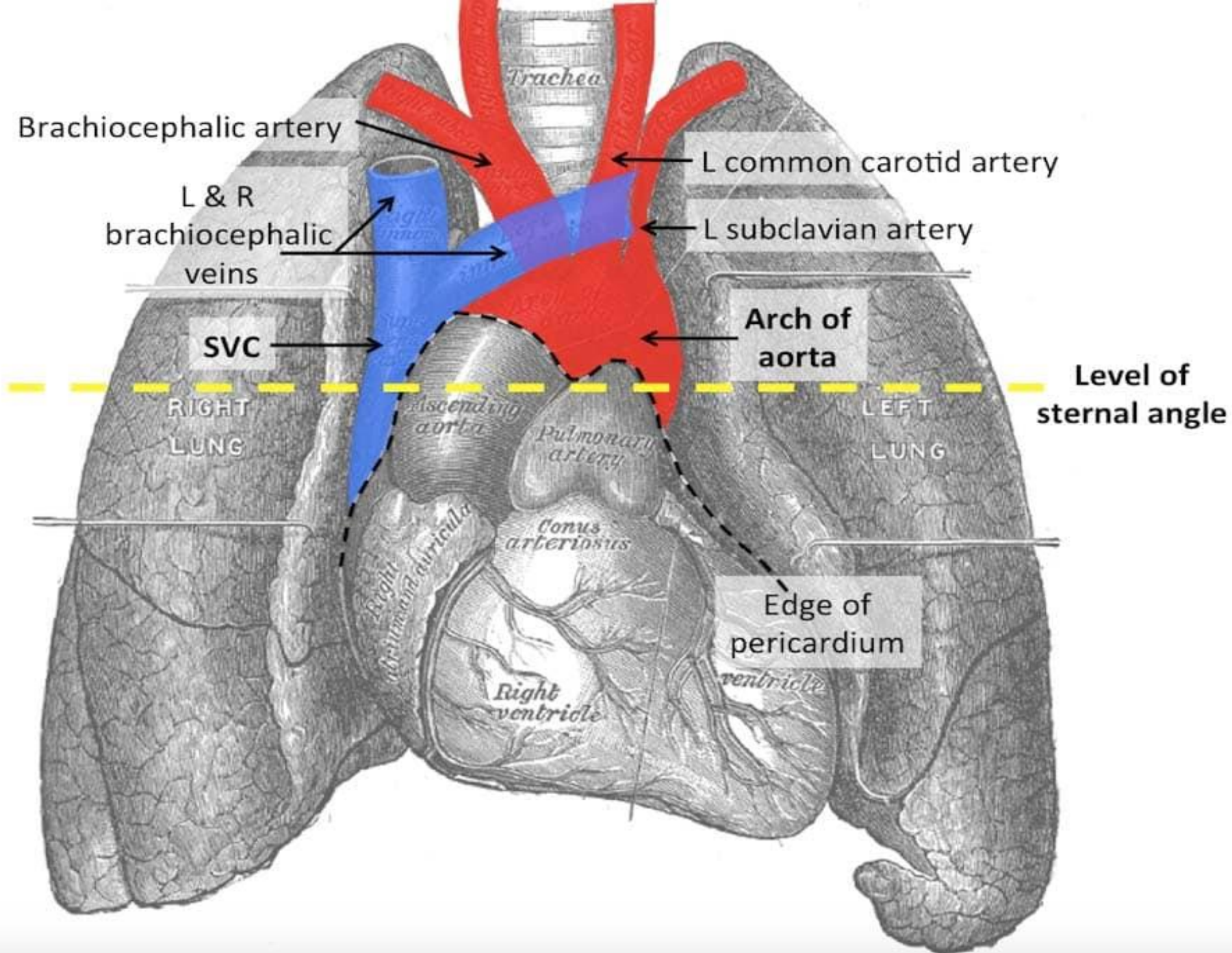
-  Superior mediastinum
-  Anterior mediastinum
-  Middle mediastinum
-  Posterior mediastinum

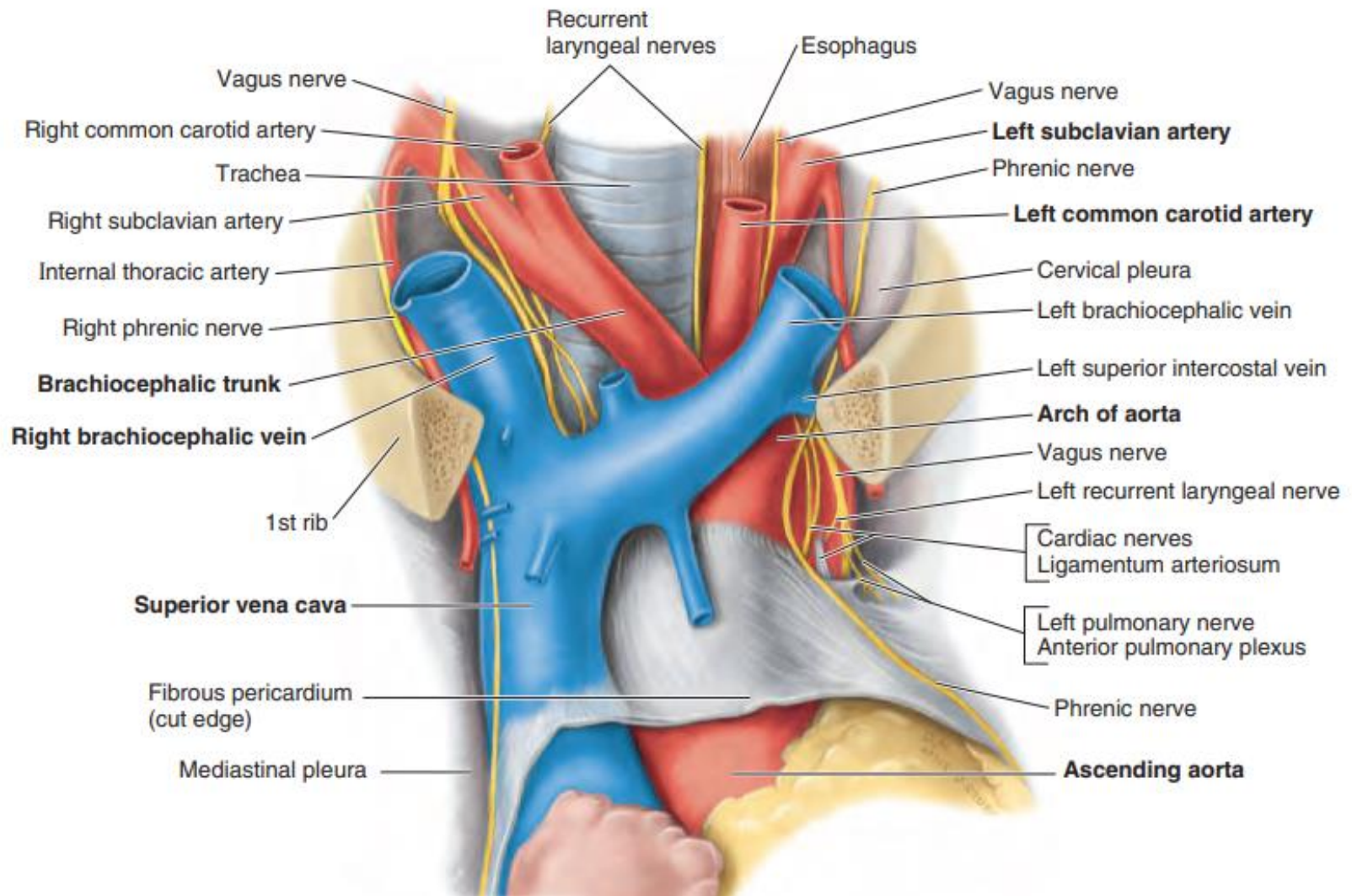
Superior Mediastinum - contents

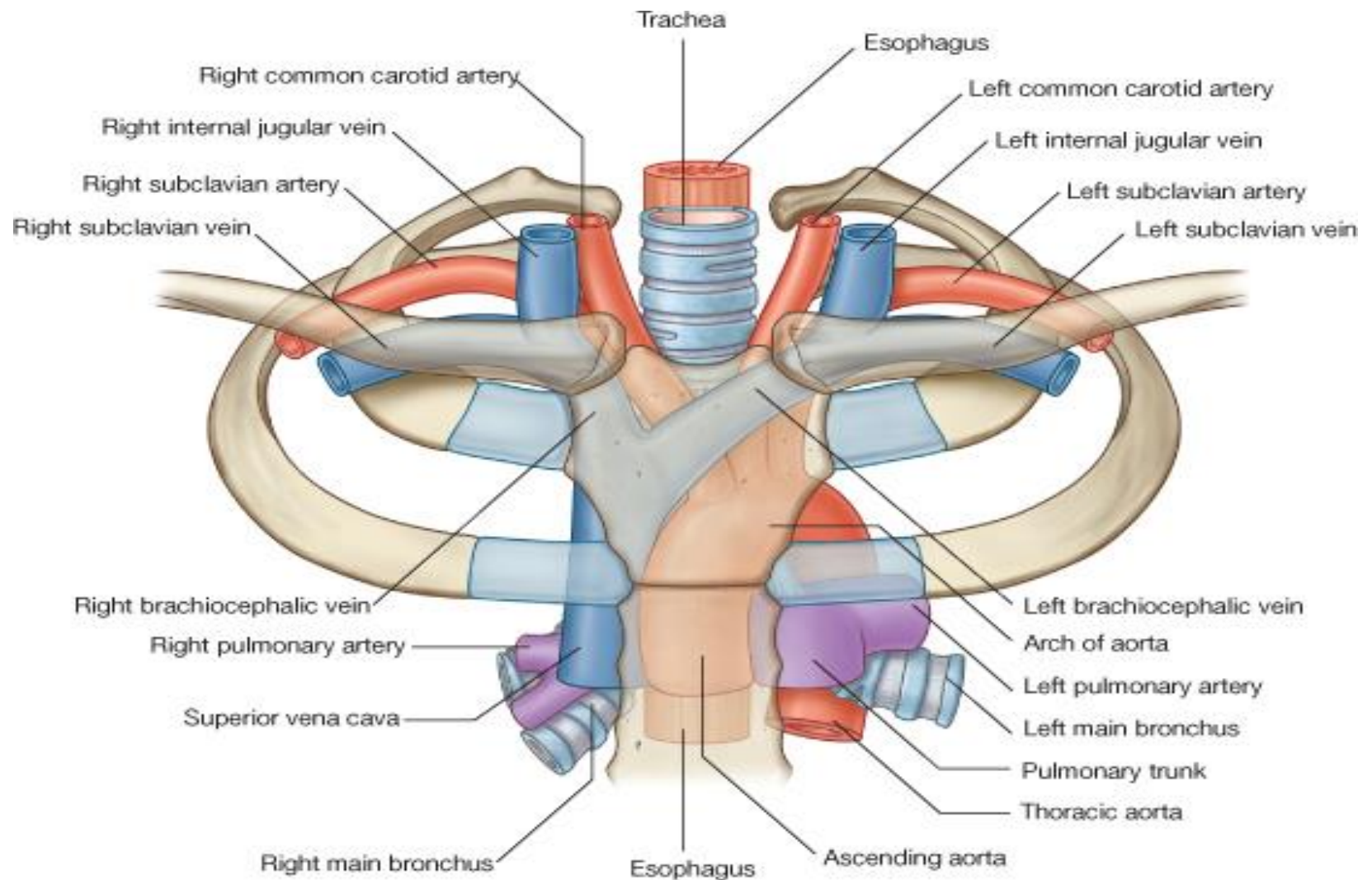






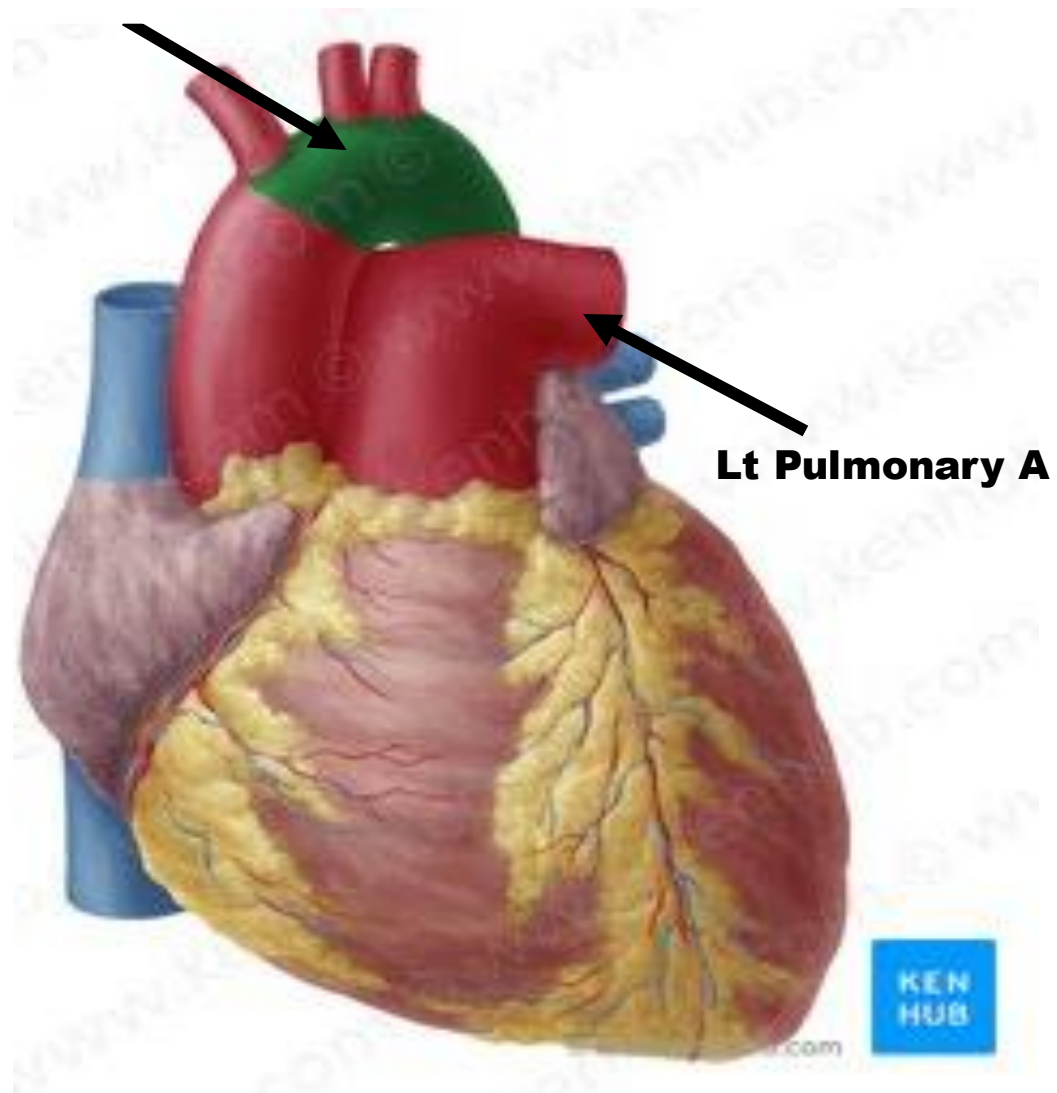


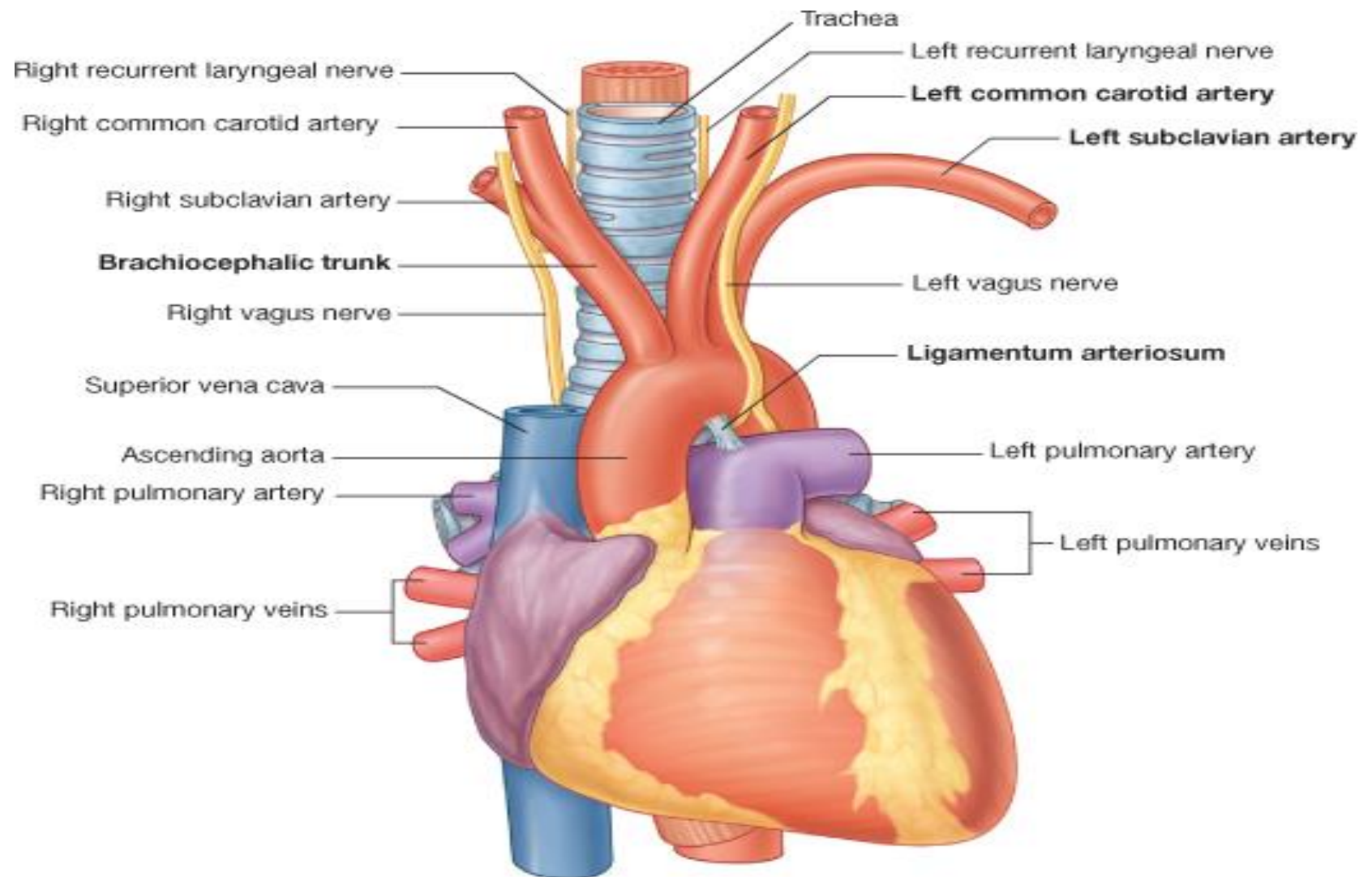




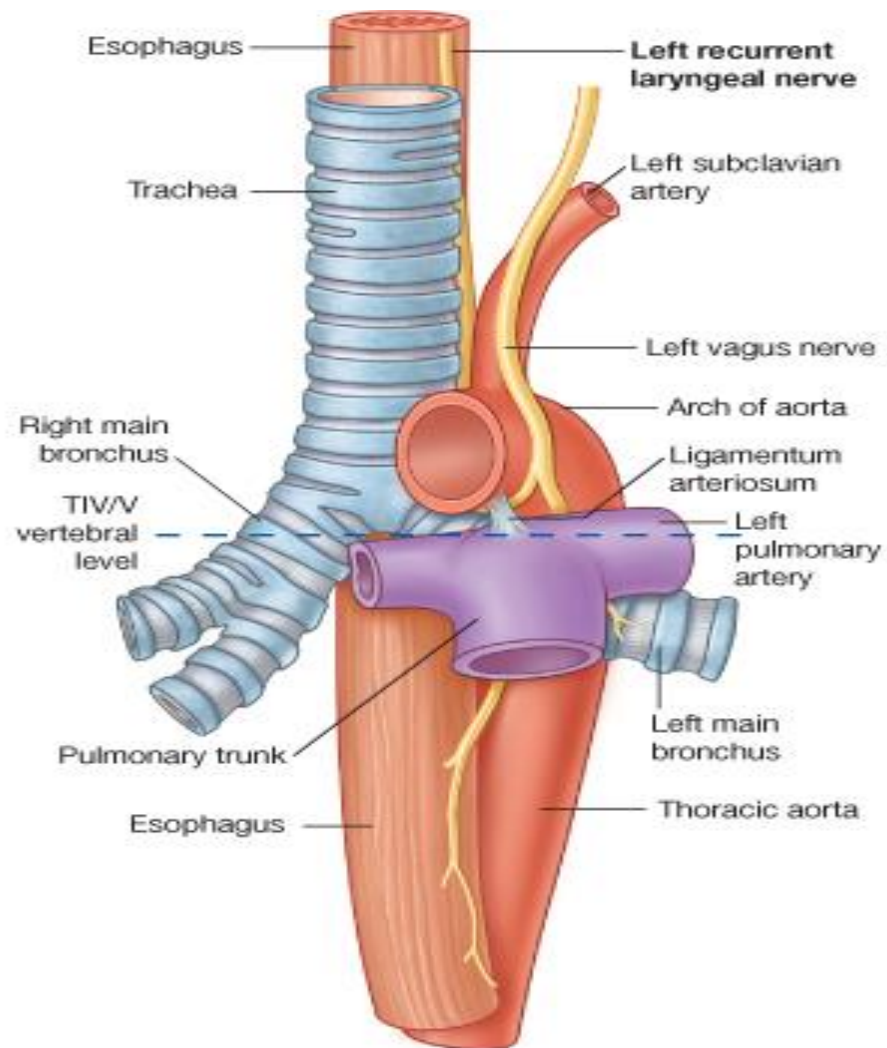
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Arch of Aorta

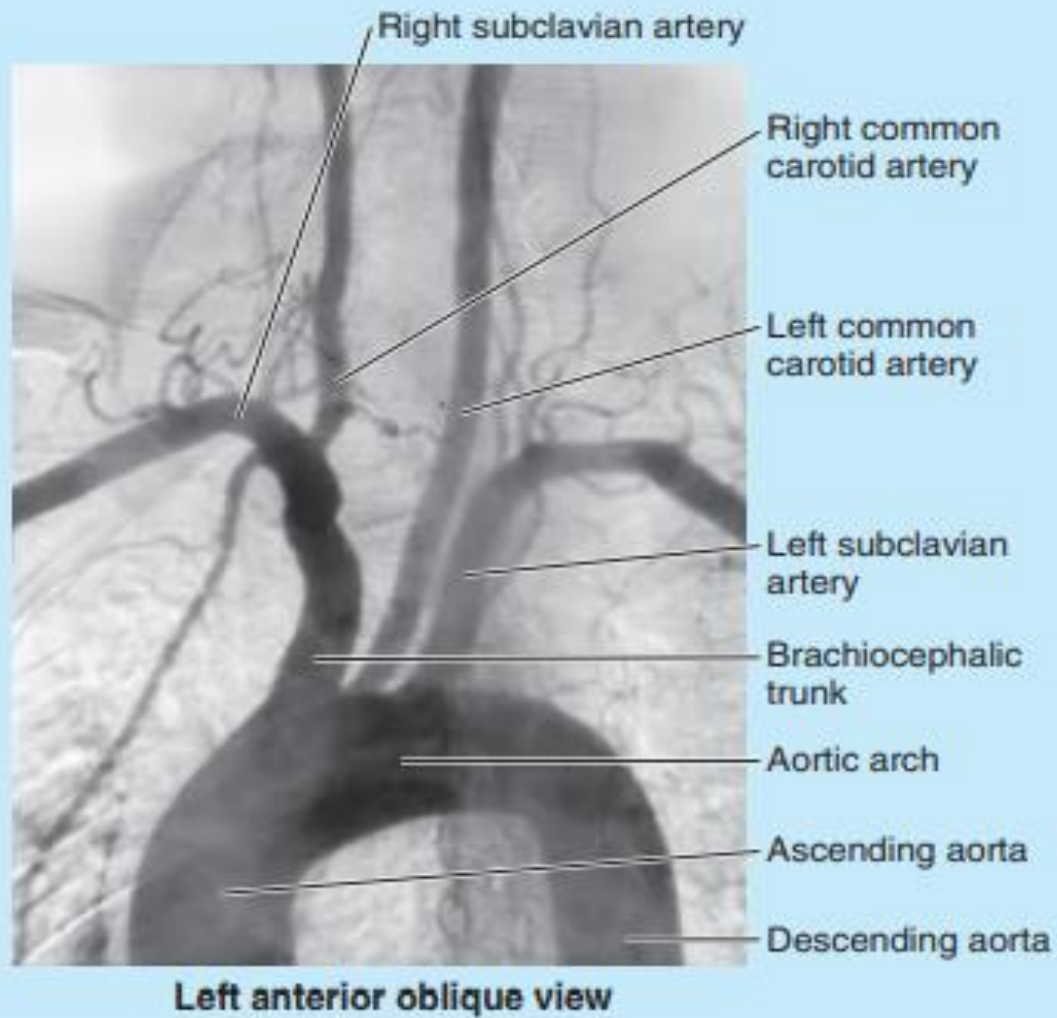




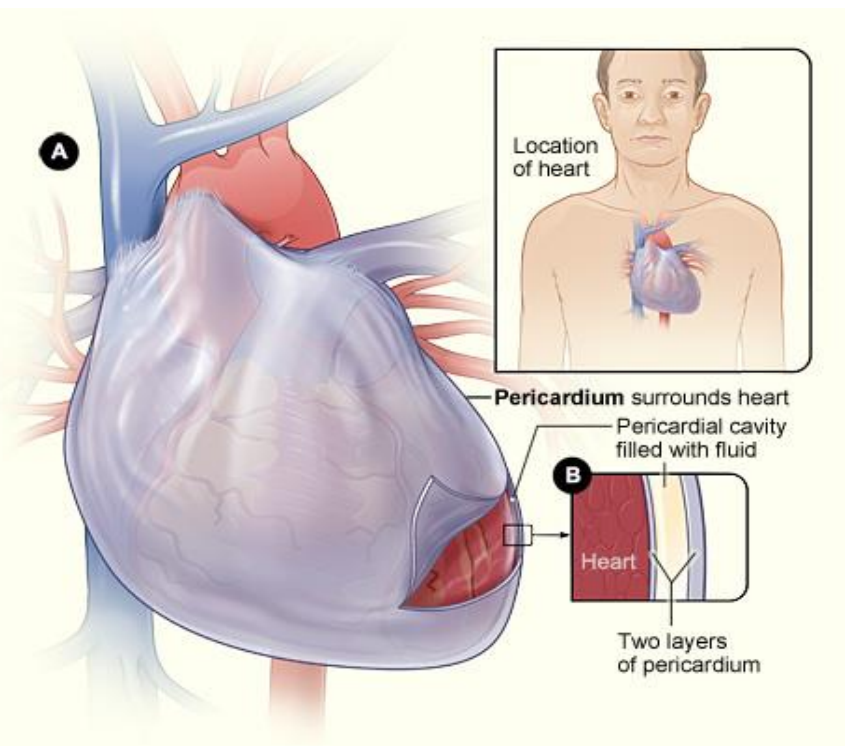
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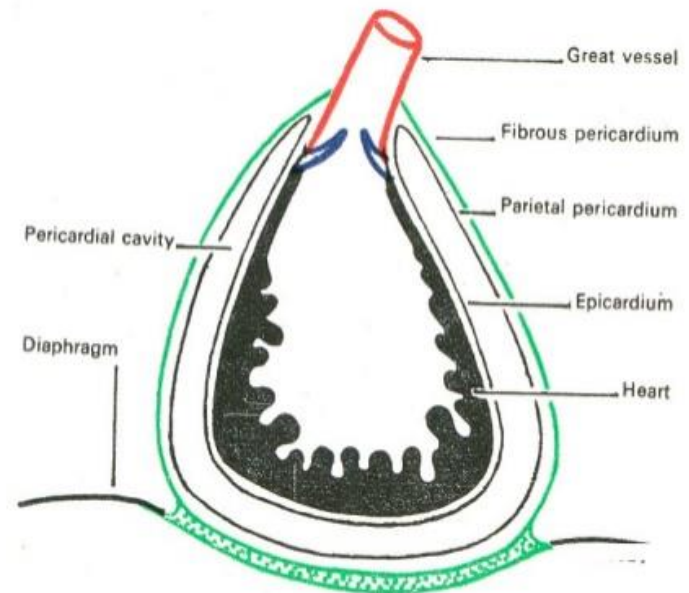
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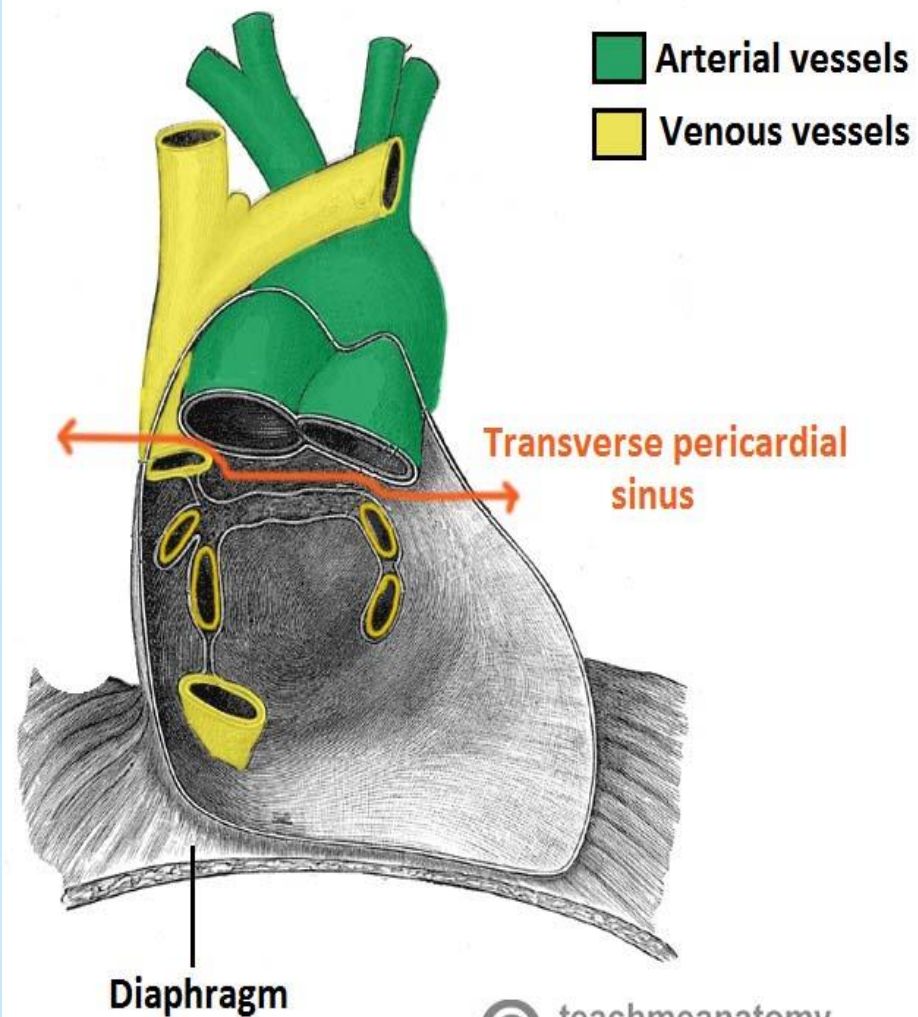
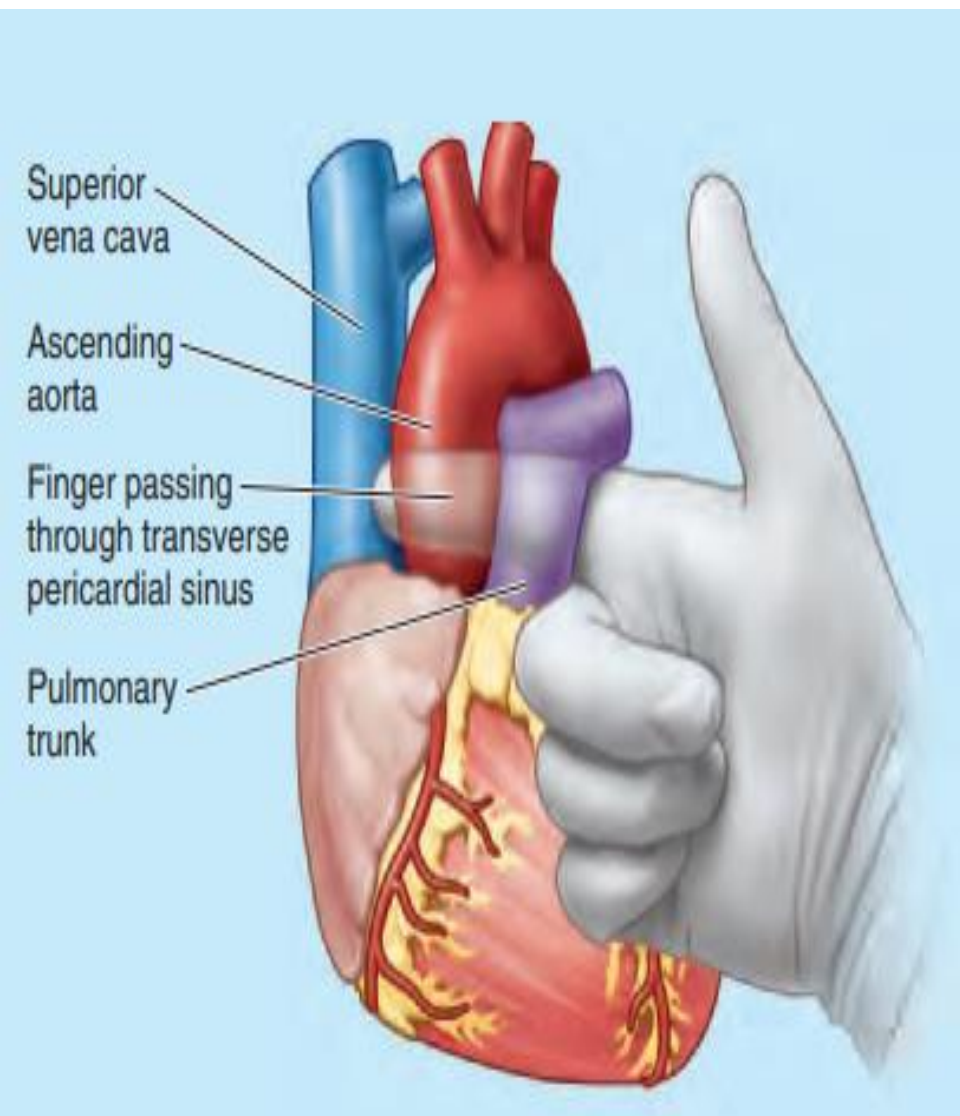


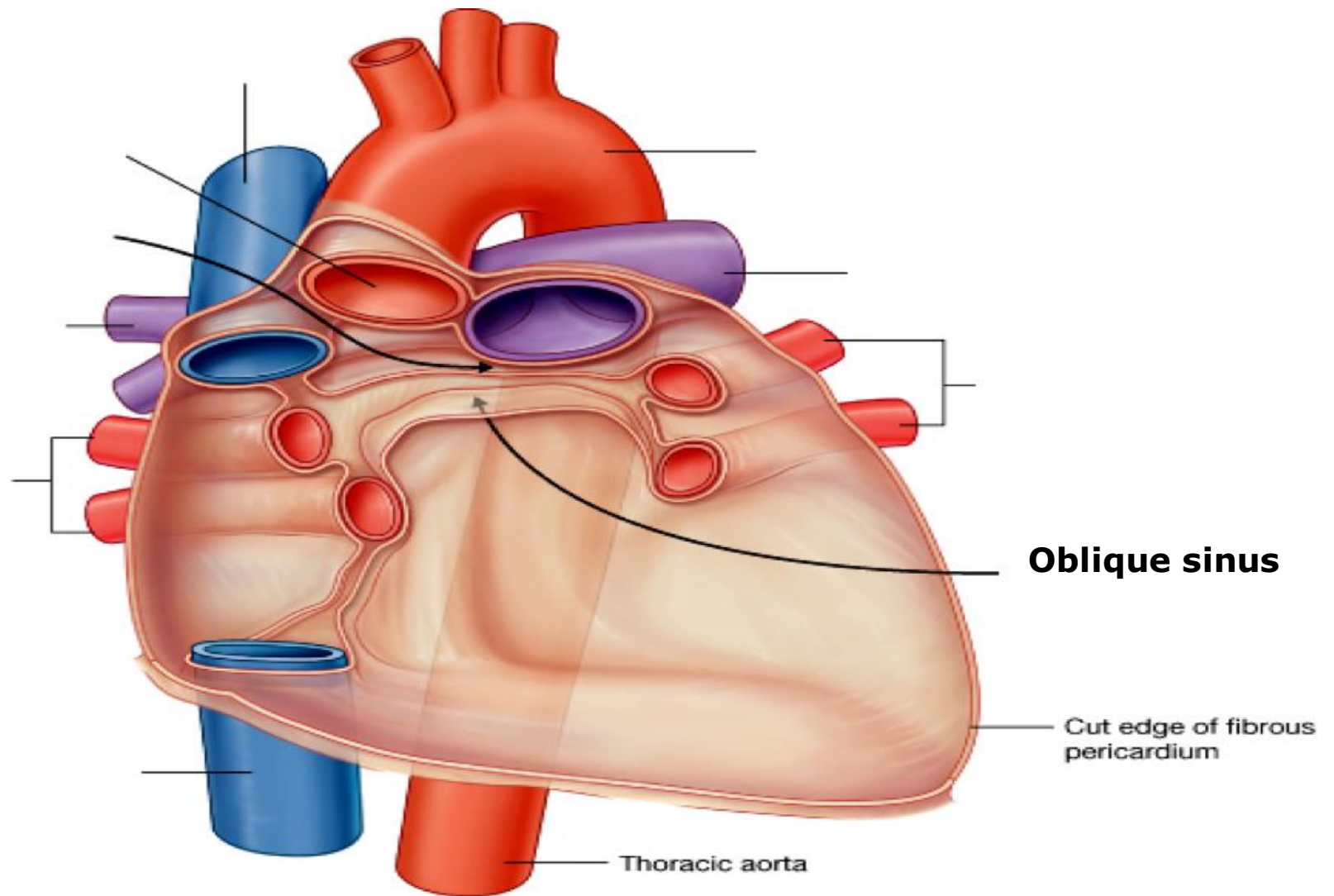
Aortic angiogram (aortogram)
Clinically Oriented Anatomy. Keith Moore.



Layers of Pericardium









*Thank
you!*

This is a vibrant illustration on a teal background. Two hands, wearing white sleeves, hold up a red rectangular sign with a white border. The sign features the words 'Thank you!' in a white, elegant cursive script. The scene is decorated with various festive elements: yellow and blue stars, white circles, and starburst patterns scattered around the sign.