

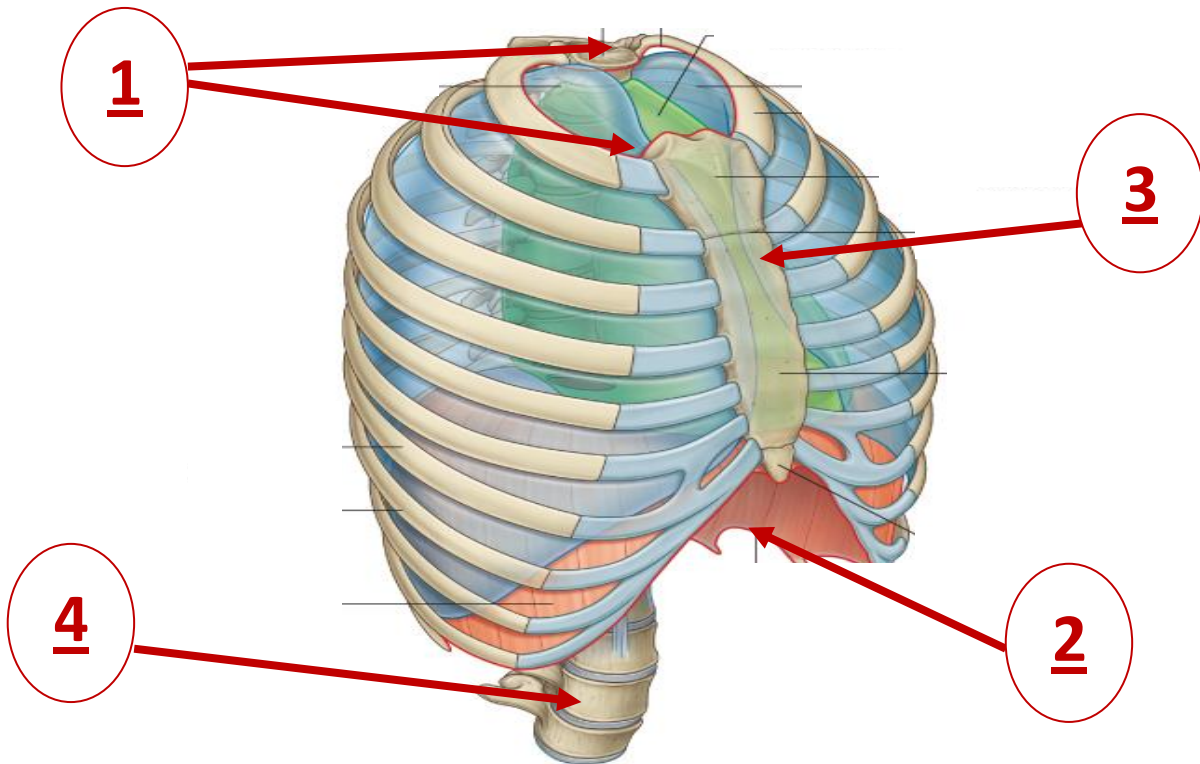
## *\*Respiratory Block:.*

### *\*Anatomy Team Students-430:.*

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- Aysha Almahboob
- Hanan Al salman.
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- Mohanned Al Essa.
- Samar Shetawe .
- Sarah Alsukait.
- Turki Al Sagri.

# ★Mediastinum★

## ★Borders of mediastinum:



### \*Superiorly :

1 -Thoracic inlet(boundaries of thoracic inlet), root of neck

### \*Inferiorly:

2 -Diaphragm\_

### \*Anteriorly;

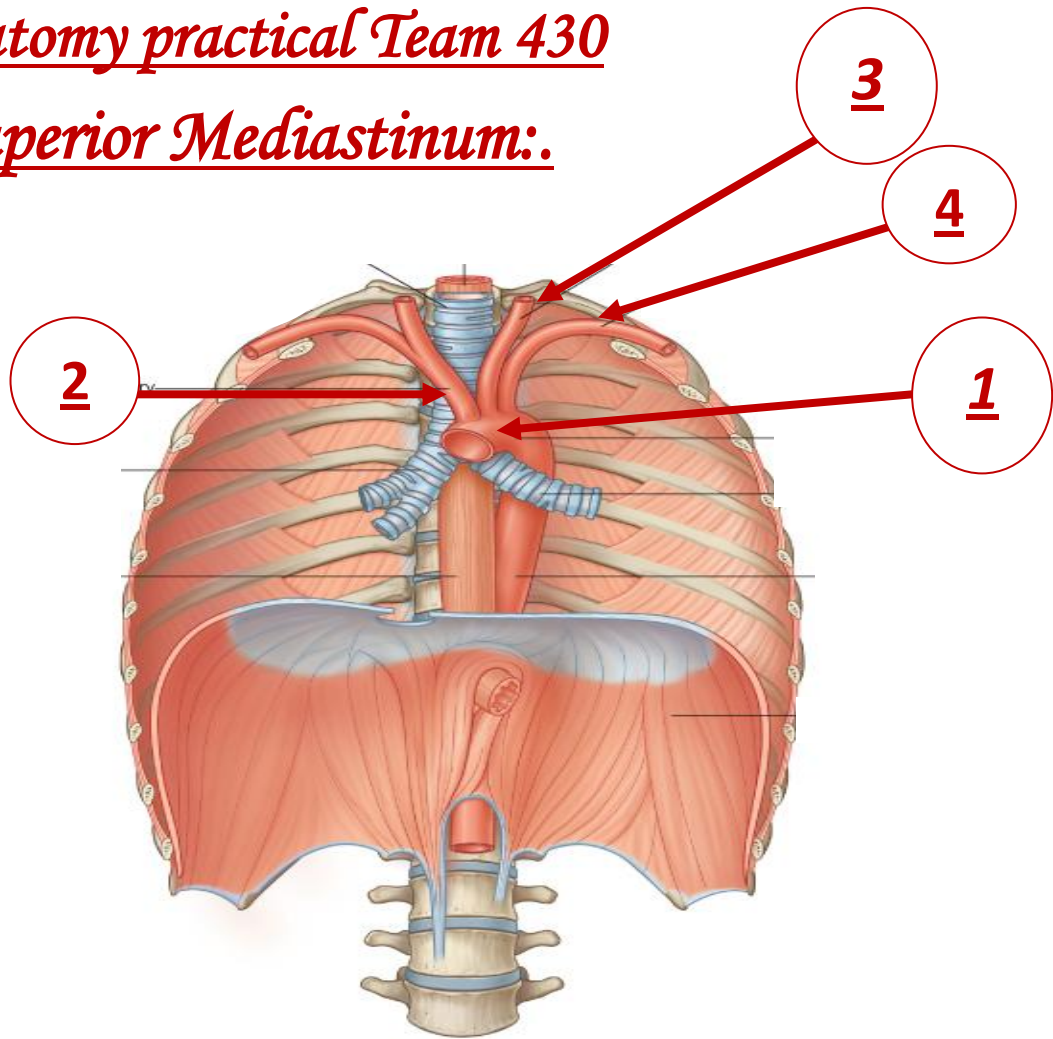
3 -Sternum

### \*Posteriorly;

4 -vertebral column .

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### ☆Superior Mediastinum:.



### ☆Identify the pointed area;.

1-Arch of aorta

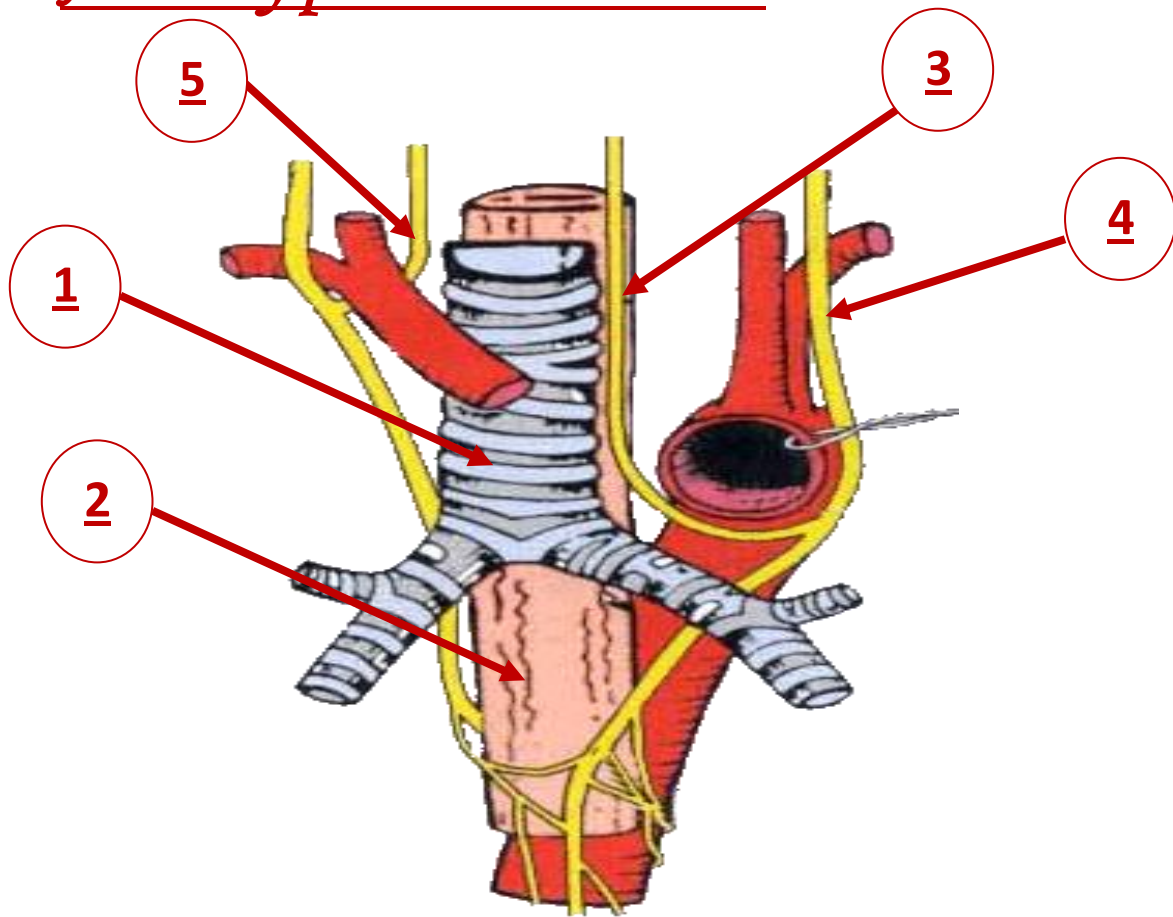
it have three branches:-

2-Brachiocephalic artery(most anteriorly).

3-Left common carotid artery(most superiorly).

4-Left Subclavian artery(most posteriorly).

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*\*Identify the pointed area;.*

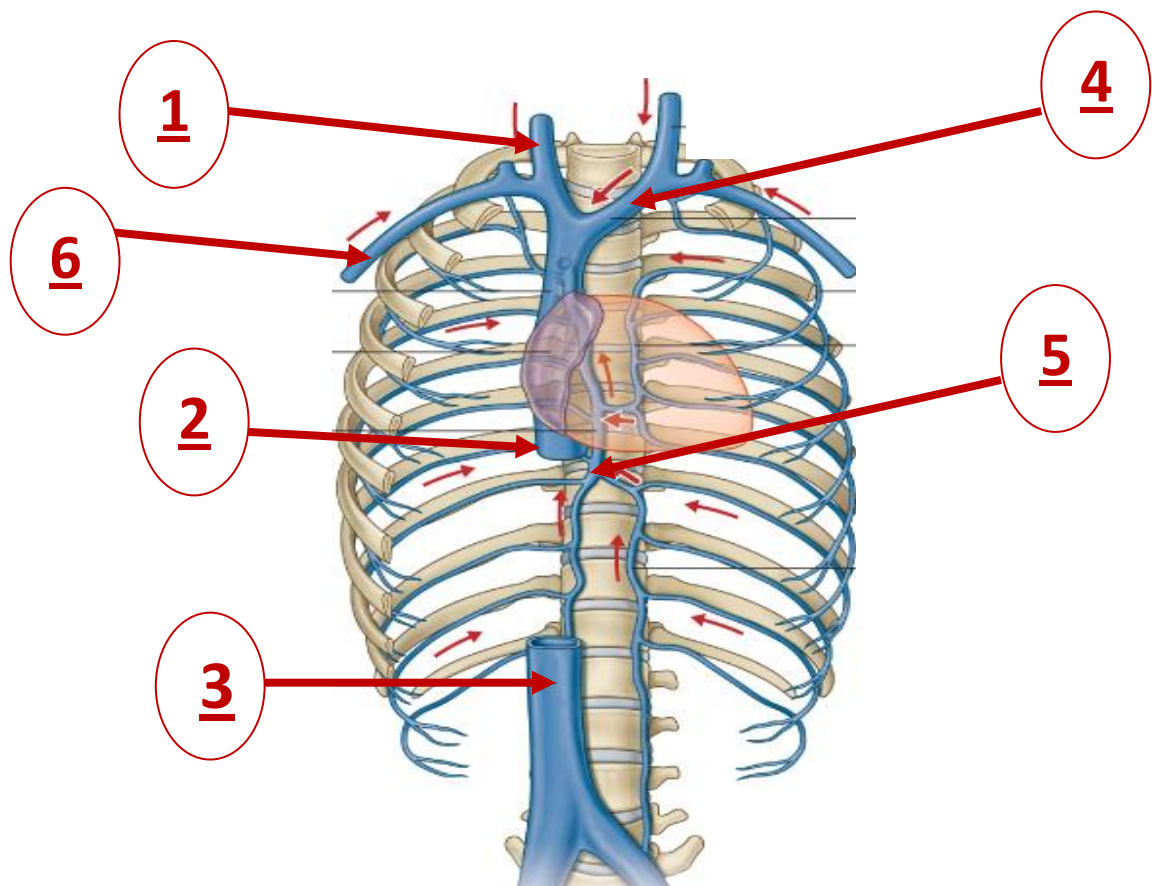
1-Trachea

2-Esophagus

3-Left recurrent laryngeal nerve which is a branch of 4-vagus nerve.

5- Right recurrent laryngeal nerve

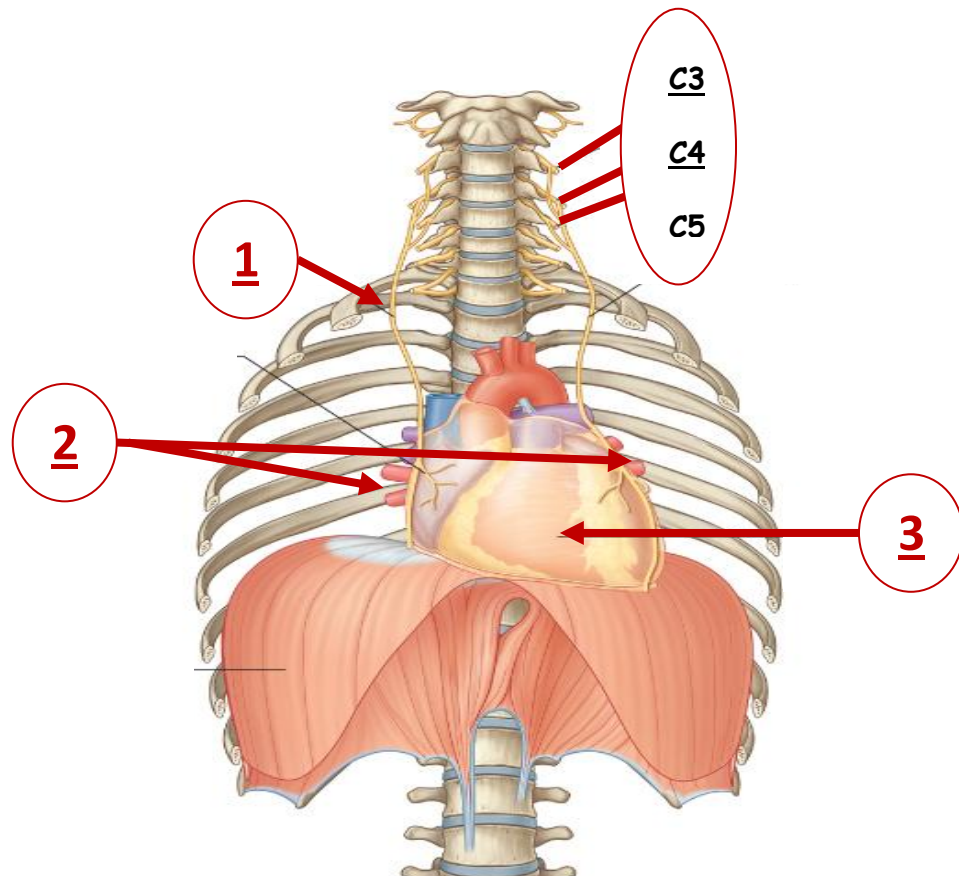
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*\*Identify the pointed area;.*

1. Right internal jugular vein.
2. superior vena cava.
3. inferior vena cava.
4. left brachiocephalic vein
5. azygos vein.
- 6- .Right subclavian vein

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\*Identify the pointed area;.

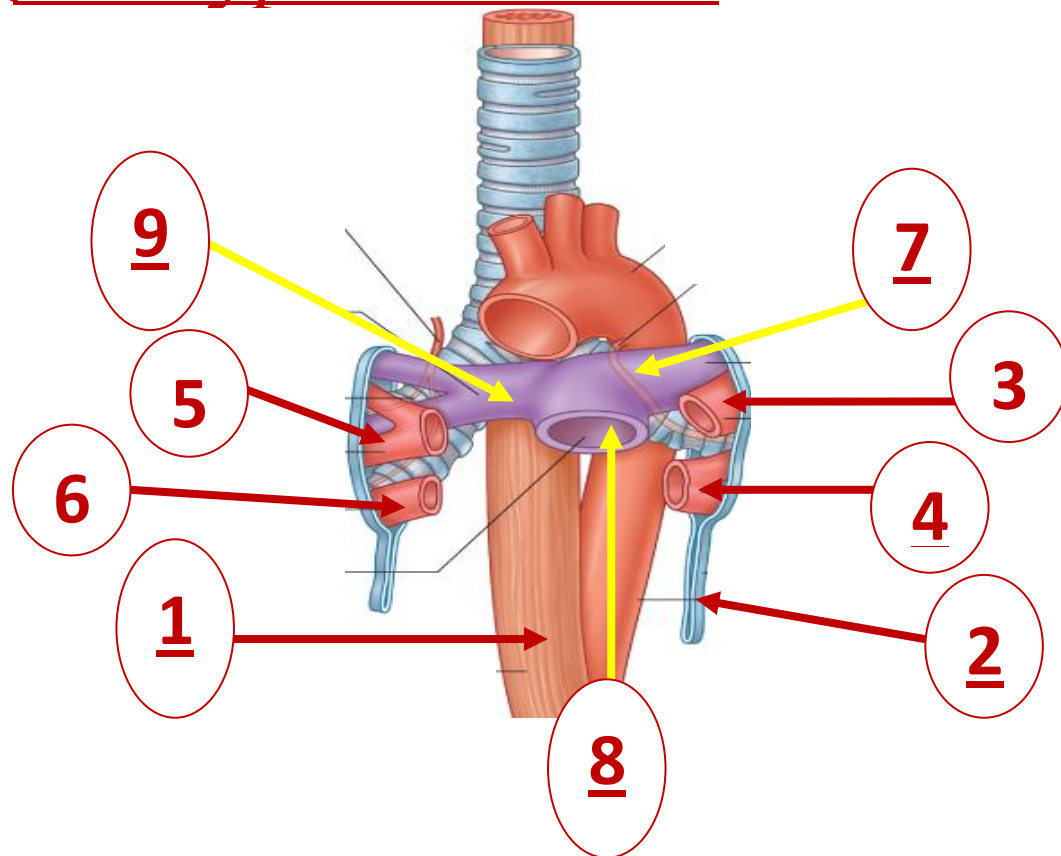
1. phrenic nerve.
2. pulmonary veins (carries an oxygenated blood).
3. Pericardium

\*complete the following ;.

The phrenic nerve originated from C3, C4 and C5 vertebrae .



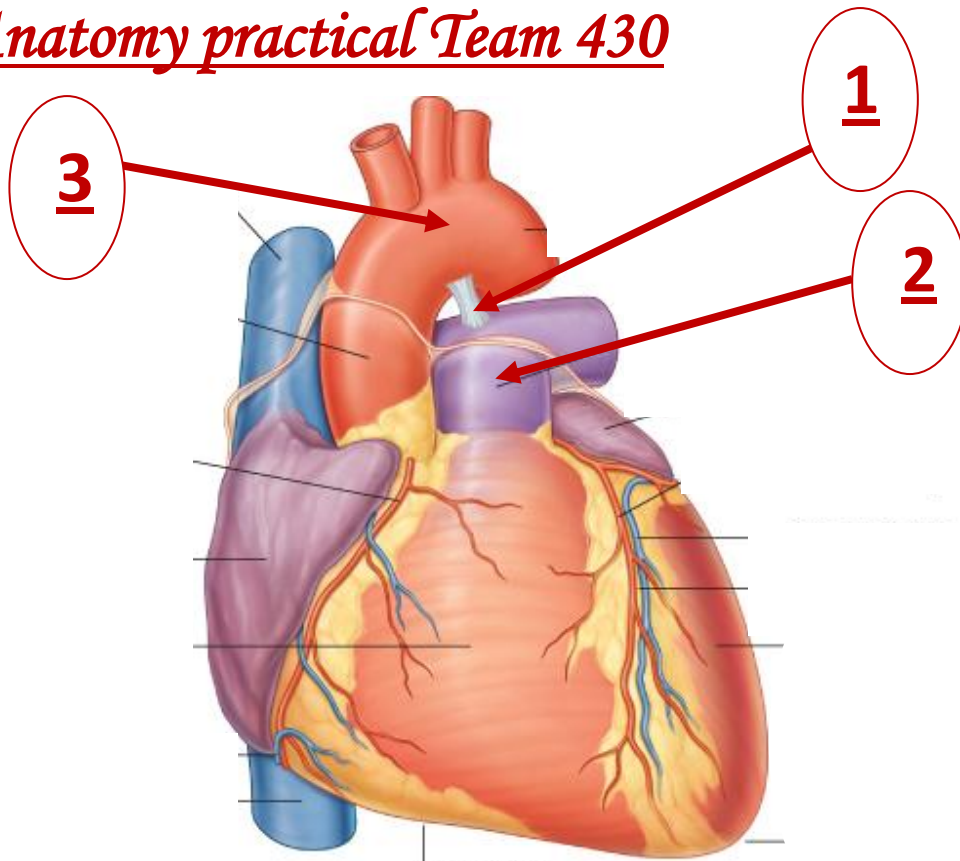
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\*Identify the pointed area;.

1. Esophagus .
2. pulmonary ligament
- 3-Left superior pulmonary vein
- 4-Left inferior Pulmonary vein
- 5.Right superior pulmonary vein
- 6.Right inferior pulmonary vein
- 7.Right pulmonary artery
- 8.Pulmonary trunk
- 9.Right pulmonary artery

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**\*Identify the pointed area;.**

**1.ligamentum arteriosum.**

**2.pulmonary trunk(carries a deoxygenated blood).**

**3.arch of aorta .**



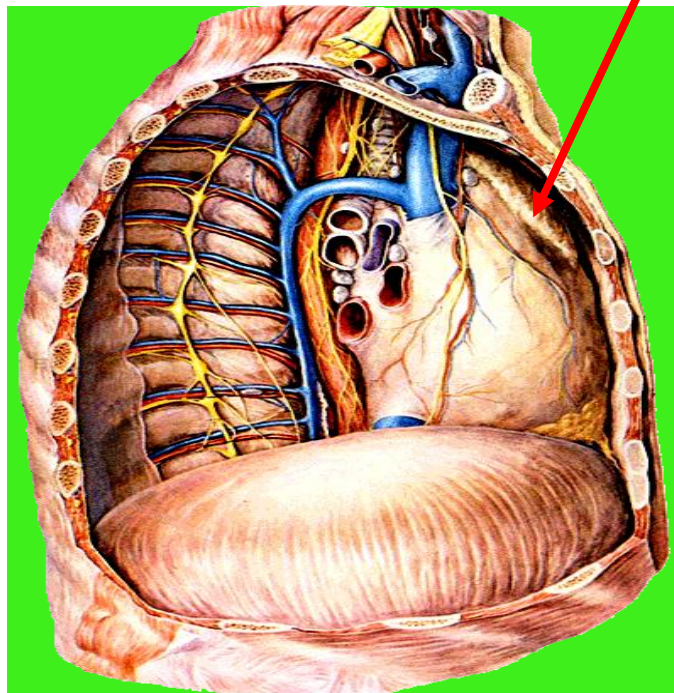
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## \*inferior mediastinum:

### ☆ Anterior Mediastinum:

-Identify the structure??

Anterior  
**Mediastinum**



Lies :

Posterior to:

- Body of sternum
- Costal cartilages

Anterior to :

- Heart
- Pericardium.

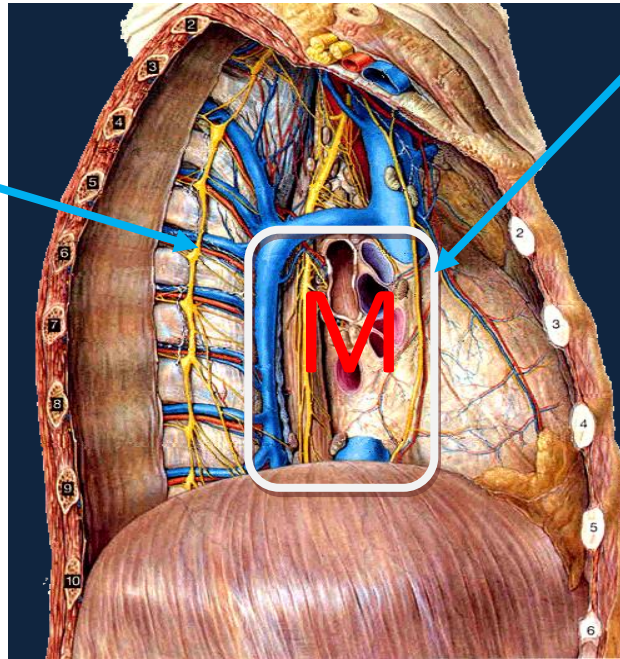
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## \*Middle Mediastinum;

-Identify the structure??

Middle  
**Mediastinum**

1



### Contents :

-Heart and Pericardium

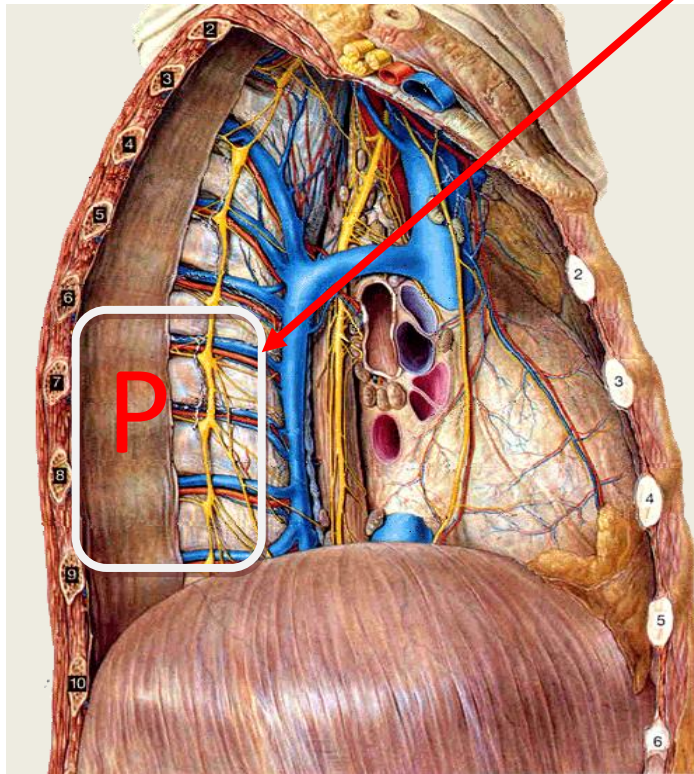
\*Identify the pointed  
area;

1-Sympathetic trunk.

## ★Posterior Mediastinum

Identify the structure??

Posterior  
**Mediastinum**



-Site:

**Posterior to :**

**-Heart**

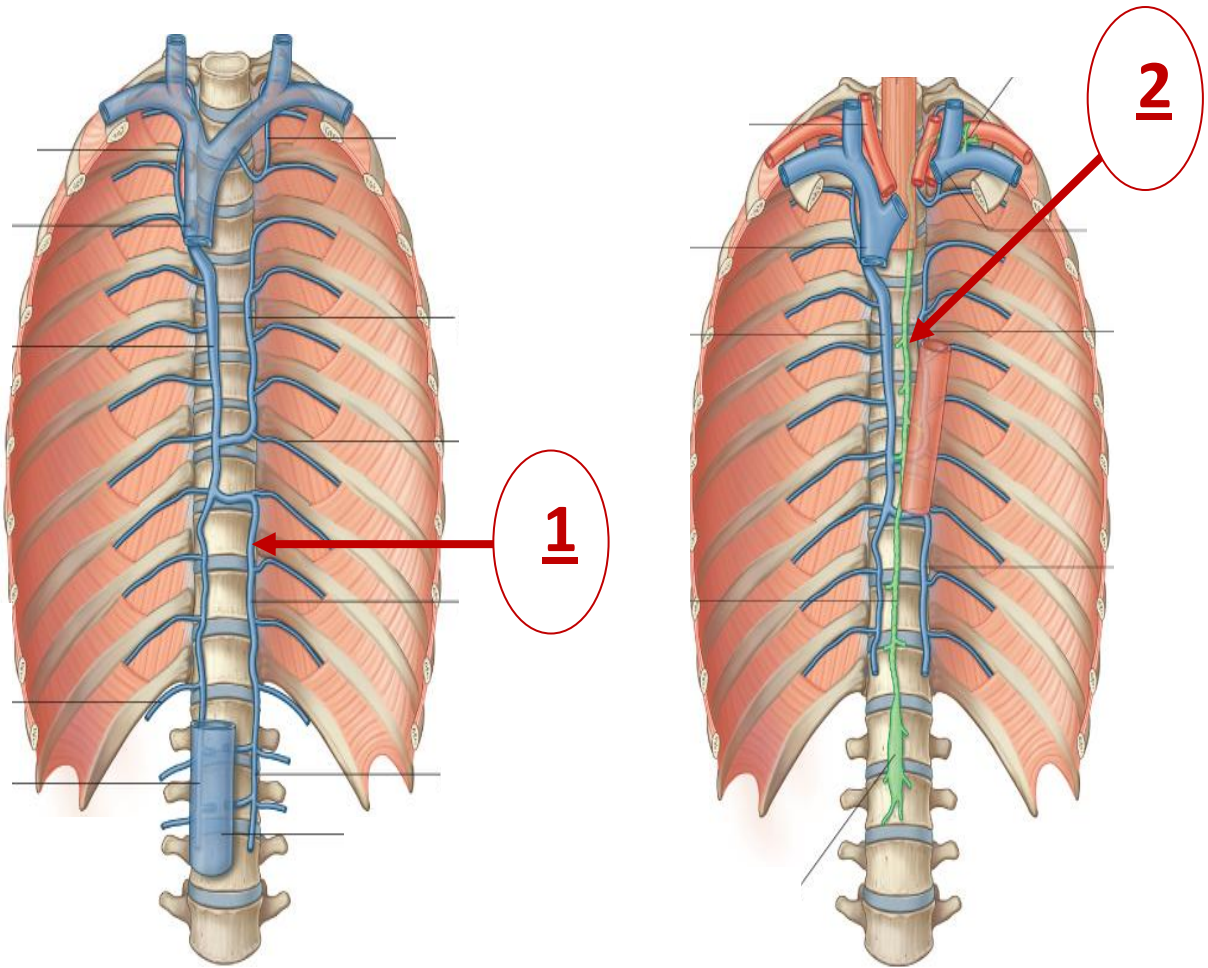
**-pericardium**

**Anterior to:**

**-vertebrae**

**(T5—T12)**

★ Pictures:



-Identify the pointed structure :

-Hemiazygos vein (1)

-Thoracic duct (lymphatic duct)

(2)