



Boundaries

Contents

superior mediastinum

Ant. : manubrium sterni
Post. : upper 4 thoracic vertebrae & IVDs
above : thoracic inlet
below : plane of sternal angle
on sides: 2 lungs & pleurae

- Thymus gland
- Lt brachiocephalic v.
- Rt brachiocephalic v.
- upper 1/2 of SVC.
- end of arch of azygos
- Rt phrenic n.
- arch of aorta & its 3 branches
- Lt. vagus & Lt phrenic n. & Lt sup. intercostal V.
- Trachea & Rt. vagus on its rt side
- Oesophagus & thoracic duct on its left side
- Lt recurrent laryngeal n. () esophagus & trachea

ant. mediastinum

Ant. : body of sternum
Post. : pericardium
above : plane of sternal angle
below : diaphragm
on sides: 2 lungs & pleurae

- 1- Sternopericardial ligaments :- connect pericardium to body of the sternum
- 2- Thymus
- 3- Fat & 2-3 mediastinal l.n

middle mediastinum

Ant. : ant. mediastinum
Post. : post. mediastinum
above : plane of sternal angle
below : diaphragm
on sides: 2 lungs & pleurae

- 1- Pericardium & its contents???
- 2- Phrenic nerves & pericardiophrenic vessels
- 3- Main bronchi & pulmonary arteries & pulmonary veins

post. mediastinum

Ant. : pericardium & diaphragm
Post. : lower 8 thoracic vertebrae & IVDs
Above : plane of sternal angle
Below : diaphragm.
on sides: 2 lungs & pleurae

- 1- descending thoracic aorta
- 2- esophagus & 2 vagi forming the oesophageal plexuses
- 3- thoracic duct
- 4- azygos vein
- 5- inferior & superior hemiazygos veins
- 6- posterior mediastinal l.n.