**MEDIASTINUM**

The area in the thorax that lies between the lungs BUT does not extend above the first rib

- **Suprasternal notch**
- **Angle of Louis** (manubriosternal junction)

Superior: Above angle of Louis and below thoracic inlet
Inferior: Below angle of Louis and above the diaphragm (divided into anterior, middle, posterior)
Right vagus nerve passing medial to azygos arch

Sympathetic chain with medial visceral branches and lateral grey rami communicantes

Azygos vein

Right lateral view of mediastinum

Superior vena cava

Right phrenic nerve

Left vagus with recurrent laryngeal nerve passing under aortic arch

Left phrenic nerve

Sympathetic chain with medial visceral branches and lateral grey rami communicantes

Oesophagus is midline until it approaches the diaphragm when it moves anteriorly and to the left. It lies immediately posterior to the left atrium

Left lateral view of mediastinum
MEDIAL SURFACE OF RIGHT LUNG
(Postmortem impressions)

- Hilum:
  - Bronchi
  - Pulmonary A & V
  - Bronchial A & V
  - Lymphatics
  - Nerves

MEDIAL SURFACE OF LEFT LUNG
(Postmortem impressions)

- Hilum:
  - Bronchi
  - Pulmonary A & V
  - Bronchial A & V
  - Lymphatics
  - Nerves

- Groove for 1st rib
- Oblique fissure
- Azygos arch
- Upper & main bronchus
- Pulmonary veins
- Pulmonary ligament
- Inferior border
- Oblique fissure
- Middle lobe
- SVC
- IVC
- Right atrium
- Horizontal fissure (incomplete in 60% & absent in 10%)
- Subclavian artery
- Groove for 1st rib
- Oblique fissure
- Pulmonary arteries
- Bronchus
- Pulmonary veins
- Pulmonary ligament
- Aortic arch
- Descending
- Left ventricle
- Diaphragmatic surface
- Lingula
- Cardiac notch
- Oblique fissure