

Internal thoracic Artery: / Internal mammary Artery

→ 1st internal thoracic artery is 1st
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Origin: From the 1st part of subclavian
artery.

Termination: It ends in the 6th
intercostal space by dividing into superior
epigastric and musculophrenic Arteries.

Extend: It descends behind the medial
end of the clavicle of upper 6th costal cartilages.

Branches:

⇒ Pericardiophrenic Artery.

⇒ Mediastinal branch.

⇒ Anterior intercostal arteries.

⇒ Perforating branches.

⇒ Superior epigastric artery.

⇒ Musculophrenic Artery.

CLINICAL CORRECTION:

⇒ In the treatment of various coronary heart
disease.

⇒ Internal mammary artery graft (IMA graft)

Pleural Cavities:

⇒ Each lung is covered by mesothelium for
cellular factor called pleural cavity.

⇒ Pleura is a serous membrane - lined by mesothelium.
2 sac, 1 on either side of the mediastinum.

⇒ Costal layer - parietal pleura.

⇒ Inner layer is visceral pleura.
except hilum all part covered.

Visceral

Parietal

Development

Splanchnic meso

Serous pleuric meso

Position

Line of junction of lung and the tissue

Line thoracic wall, media

Nerve supply

Sympathetic

Thoracic phrenic