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Product Name :

Human Mediastinum Model

Product Code :

SLE/A/75



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Description :

Human Mediastinum Model (Product Code: SLE/A/75) is a life-size model of the central compartment of the chest, the space between the lungs that holds the heart, great vessels, trachea and esophagus. It is dissectible into 5 parts: the sternum and thymus lift away to reveal the pericardial sac and the major pulmonary and systemic vessels, and a separate 2-part heart shows the chambers and valves inside. Anatomy, cardiology, respiratory-therapy and nursing courses use it for thoracic anatomy teaching. It is made by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, Ambala.

Specifications

Parameter	Detail
Scale	Life size
Dissectible	Into 5 parts
Removable structures	Sternum and thymus, revealing the pericardial sac and major pulmonary and systemic vessels
Heart	Separate 2-part heart with internal detailing of chambers and valves
Other structures	Esophagus, trachea and diaphragm
Base	Mounted on a durable polymer base
Key	Included
Size	40 x 26 x 30 cm

Typical Use

The mediastinum is one of the hardest regions for students to picture because so many structures overlap. This model lets them uncover it in layers, much as in a dissection: first the sternum and thymus at the front, then the pericardial sac wrapping the heart, then the great vessels leaving it, with the trachea and esophagus running behind and the diaphragm forming the floor. Opening the separate heart shows the chambers and valves, so the model also doubles as a heart model for anatomy lessons on blood flow.

Clinical tutors use it to explain chest procedures, the position of the heart behind the sternum and why problems in one structure can affect its neighbours. Surgical and emergency-care trainees find the life-size scale helpful when relating surface landmarks to deeper organs. After each session, check that all 5 parts are back in place on the polymer base and wipe the surfaces with a soft cloth.

Manufacturer

This mediastinum model is manufactured by Jain Scientific Equipments Private Limited, the company behind the ScienceLab brand in Ambala, Haryana, for medical colleges and training institutes in India and international markets. Learn more on the company profile.

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