



## PLASTINATED SPECIMENS OF RESPIRATORY SYSTEM

Specimens are dissected from a real body and own their unique feature. Considering the individual difference of anatomical structures, any picture shown here should not be used as standard.

### RSP0001

#### Overview of Respiratory Organs



or

A mid-sagittal cut half head with a continuation from nasal cavity, larynx, trachea, bronchi to lungs is dissected to reveal the organization of the respiratory organs. The mid-sagittal cut exposes the junction of pharynx and larynx, epiglottis and interior of the larynx. Further dissection of one lung is done to show the formation of the unilateral bronchial tree.

### RSP0002

#### Paranasal Sinuses and Openings



A mid-sagittal cut half head is dissected to expose the lateral wall of the nasal cavity. Color sticks are used to indicate openings into the paranasal sinuses.

### RSP0003

#### Laryngeal Cartilages

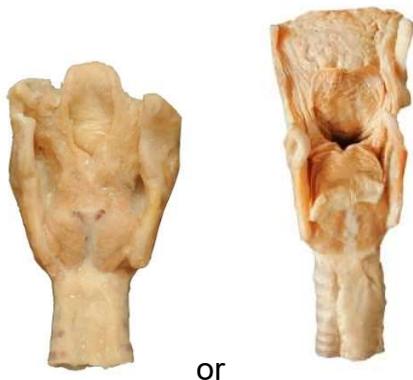


The larynx with the upper end of the trachea is dissected from the body to reveal its cartilaginous components.



**RSP0004**

**Laryngeal Muscles**



or

The larynx with the upper end of the trachea is dissected from the body to reveal its cartilaginous components. Intrinsic muscles are retained on the laryngeal cartilages.

**RSP0005**

**Mid-sagittal Cut of Larynx**



The larynx is dissected into two halves through a mid-sagittal cut to reveal internal structure of the larynx.

**RSP0006**

**Mid-sagittal Cut of Larynx and Trachea**



or

The larynx with trachea is dissected into two halves through a mid-sagittal cut to reveal internal structure of the larynx and the trachea.

**RSP0007**

**Larynx, Trachea and Bronchi**



The larynx, trachea, primary bronchi and lungs connected are dissected from the body. Further dissection to remove vessels and stroma of both lungs is done to reveal all pulmonary bronchi.

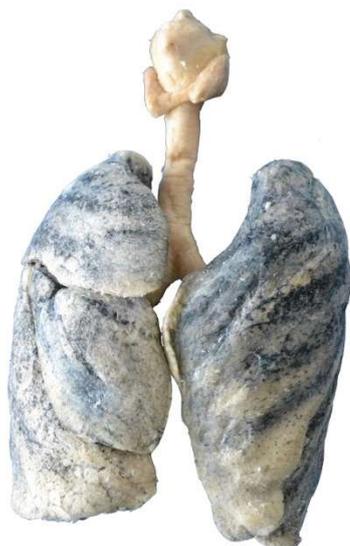


**RSP0008**  
**Paired Lungs**



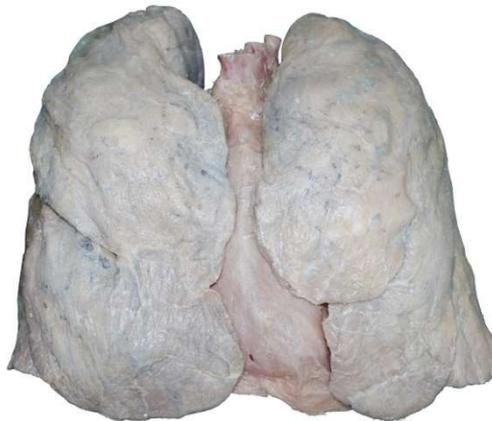
Right and left lungs with connected bronchi and trachea are dissected from the non-smoker body to reveal their external features.

**RSP0009**  
**Lungs with Larynx and Trachea**



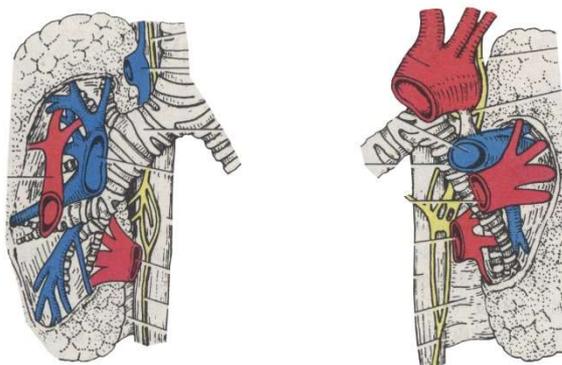
Right and left lungs with connected bronchi, trachea and larynx are dissected from the non-smoker body to reveal their external features.

**RSP0010**  
**Lungs and Heart**



Right and left lungs with connected bronchi and trachea, including heart linked through pulmonary vessels, are dissected from the body to reveal their external features and anatomical relationship. The pericardium is opened to expose complete heart with aorta arch. Myocardium is dissected.

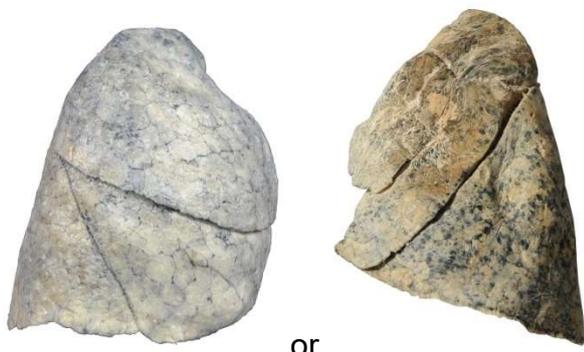
**RSP0012**  
**Single Lung with Hilus Dissection**



Right or left lung is dissected from the body. Further dissection is done on the hilus to reveal connections of bronchus and vessels to it.



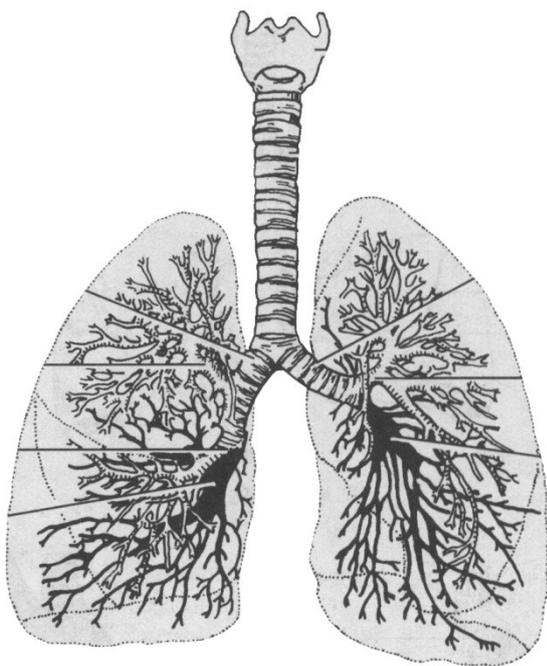
**RSP0013**  
**Single Lung**



or

Right or left lung is dissected from the body.

**RSP0014**  
**Larynx, Trachea and Bronchial Tree**



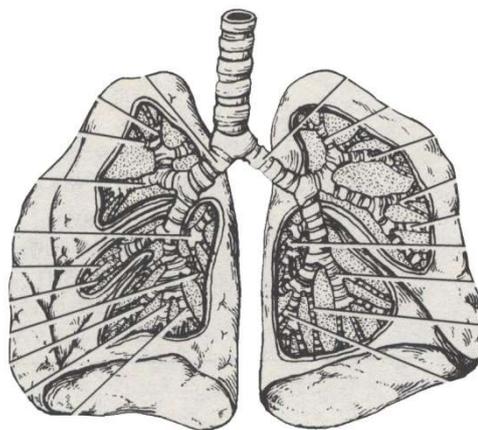
The larynx, trachea, primary bronchi and lungs connected are dissected from the body. Further dissection to remove vessels and stroma of both lungs is done to reveal a formation of the bronchial tree.

**RSP0015**  
**Trachea and Bronchial Tree**



The trachea, primary bronchi and lungs connected are dissected from the body. Further dissection to remove vessels and stroma of both lungs is done to reveal a formation of the bronchial tree.

**RSP0016**  
**Pulmonary Bronchi**

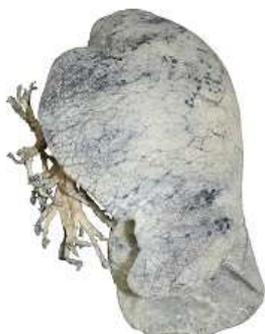


Right and left lungs with connected primary bronchi and trachea are dissected from the body. Further dissection to remove vessels and stroma of both lungs is done to reveal all pulmonary bronchi.



**RSP0017**

**Paired Lungs with Single Bronchial Tree**



(front)



(back)

Right and left lungs with connected primary bronchi and trachea are dissected from the body. Further dissection is done on one lung to remove vessels and stroma of it and to reveal a formation of the bronchial tree unilaterally.

**RSP0018**

**Lungs and Bronchial Tree with Larynx & Trachea**

Right and left lungs with connected primary bronchi, trachea and larynx are dissected from the body. Further dissection is done on both lungs to remove vessels and stroma and to reveal a formation of the bronchial tree.

**RSP0019**

**Lungs in Pleural Cavity through Thorax**



A thoracic segment is dissected from the body. Further dissection is done to expose both lungs within the pleural cavity through thoracic cage.

**RSP0020**

**Mediastinum**



A thoracic segment with upper part of abdomen is dissected from the body. Further dissection is done to remove anterior costal wall of both pleural cavities to make two large windows. Lungs are removed but mediastinum and diaphragm are kept intact. It is to reveal the formation of the mediastinum between sternum and vertebral column.



RSP0022

Thoracic Cavity with Organs *in situ*



A thoracic segment is dissected from the body. Body surface is skinned to reveal superficial muscles. The anterior thoracic wall is removed to expose viscera and associated vessels within the thoracic cavity.