

LOWER RESPIRATORY TRACT

Anatomical Reference Guide

[ILLUSTRATION AREA: TRACHEA, BRONCHI, AND LUNGS]

Trachea (Windpipe)

The main airway leading from the larynx to the bronchi, reinforced by cartilaginous rings.

Primary Bronchi

The two main branches of the trachea entering the right and left lungs.

Bronchioles

Smaller branches of the bronchi that lead to the alveolar sacs.

Alveoli

Microscopic air sacs where the exchange of oxygen and carbon dioxide occurs.

Left Lung

Consists of two lobes (Superior and Inferior) to accommodate the heart.

Right Lung

Consists of three lobes (Superior, Middle, and Inferior).

Diaphragm

The primary muscle of respiration located at the base of the chest cavity.

Pleura

The serous membrane enveloping the lungs and lining the thoracic cavity.

Educational Template • Lower Respiratory System • For Study Purposes Only