



Respiratory System Anatomy

Functionally, the respiratory system also consists of two parts.

(1) **The conducting zone** consists of a series of interconnecting cavities and tubes both outside and within the lungs.

These include the

Nose, Nasal cavity, Pharynx, Larynx, Trachea, Bronchi, Bronchioles, and Terminal bronchioles;

their function is to filter, warm, and moisten air and conduct it into the lungs.

(2) **The respiratory zone** consists of tubes and tissues within the lungs where gas exchange occurs. These include the

Respiratory bronchioles, Alveolar ducts, Alveolar sacs, and Alveoli They are the main sites of gas **exchange** between air and blood.



















