

RESPIRATORY SYSTEM ANATOMY

Physiological Reference Chart

[Anatomical Illustration Placement]

NASAL CAVITY

Filters, warms, and humidifies incoming air via mucous membranes.

PHARYNX & LARYNX

Passageway for air; contains vocal cords and the protective epiglottis.

TRACHEA

Main airway reinforced by C-shaped cartilaginous rings.

BRONCHI / BRONCHIOLES

Branching network distributing air throughout the pulmonary lobes.

ALVEOLI

Primary site of gas exchange (O_2 , CO_2) via the capillary network.

DIAPHRAGM

Primary muscle of respiration; contracts to create negative pressure.