

BRONCHIAL TREE ANATOMY

Detailed Anatomical Reference & Classification

Upper Conducting Zone

- Trachea Main Windpipe
- Carina Bifurcation Point
- Primary Bronchi Right & Left Main

Secondary & Tertiary

- Lobar Bronchi 3 Right / 2 Left
- Segmental Bronchi Bronchopulmonary Units
- Subsegmental Small Airway Branching

Lower Respiratory Zone

- Terminal Bronchioles End of Conducting Path
- Respiratory Bronchioles Gas Exchange Begins
- Alveolar Ducts Passageway to Sacs

Microscopic Structures

- Alveolar Sacs Clusters of Alveoli
- Alveoli Individual Air Sacs
- Capillary Network External Gas Interface

Branching Hierarchy Visualization

[*Illustration Space: Trachea → Primary → Secondary → Tertiary → Bronchioles → Alveoli*]

Cartilage Profile

- Trachea C-shaped Rings
- Bronchi Cartilage Plates
- Bronchioles Smooth Muscle Only

Epithelium Type

- Upper Pseudostratified Ciliated
- Middle Simple Cuboidal

- Lower Simple Squamous
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Respiratory System Chart â€¢ Anatomical Series â€¢ Educational Use Only