

# BRONCHIAL TREE ANATOMY

## Respiratory System Reference Chart

Chart Ref: PT-BRONCH-001 Classification: Lower Respiratory Tract

Generation / Level	Anatomical Structures	Functional Notes
<b>Trachea</b>	Main trunk; C-shaped cartilaginous rings.	<i>Conducting zone; bifurcation at Carina.</i>
<b>Primary Bronchi</b>	Left and Right main bronchi entering the hilum.	<i>Right is shorter and more vertical.</i>
<b>Secondary Bronchi</b>	Lobar bronchi (3 Right, 2 Left).	<i>Supplies specific lung lobes.</i>
<b>Tertiary Bronchi</b>	Segmental bronchi.	<i>Supplies bronchopulmonary segments.</i>
<b>Conducting Bronchioles</b>	Smaller air passages lacking cartilage.	<i>Smooth muscle dominates wall.</i>
<b>Terminal Bronchioles</b>	Last part of the conducting zone.	<i>End of non-gas exchange path.</i>
<b>Respiratory Bronchioles</b>	First site of gas exchange.	<i>Transition to respiratory zone.</i>
<b>Alveolar Ducts &amp; Sacs</b>	Distal clusters of alveoli.	<i>Primary site of O<sub>2</sub>/CO<sub>2</sub> exchange.</i>

[ Space for Bronchial Tree Illustration / Diagram ]

Document for educational use only. © Pulmonary Sciences Template.