

Bronchial Tree



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This 3D printed specimen preserves a human trachea, carina, and complete right and left bronchial trees to the level of the tertiary lobar bronchi. Each set of lobar bronchi have been colour-coded to demonstrate the bronchopulmonary segments of the right and left lobes.

From the right primary bronchus, the secondary bronchus to the upper lobe gives rise to tertiary bronchi to the apical (yellow), anterior (brown) and posterior (sienna) segments. The bronchus intermedius divides to supply the middle lobe (lateral [lilac] and medial [tan]) segments. The lower lobe bronchus then gives rise to the tertiary bronchi of the superior (yellow) and basal (anterior [purple], posterior [sienna], lateral [brown], medial [tan]) segments.

From the left primary bronchus, the secondary bronchus to the upper lobe gives rise to the tertiary bronchi to the apical-posterior (sienna), anterior (brown), superior lingual (tan), and inferior lingual (lilac) segments. The lower lobe bronchus gives rise to the tertiary bronchi to the superior (yellow) and basal (anteromedial [brown], lateral [tan], posterior [sienna]) segments.

