

## **A215: RESPIRATORY COMPONENTS**

<i>Respiratory Component (note: this isn't an all-inclusive list!)</i>	<i>Anatomical Characteristics (include what structures it contains, functions, etc.)</i>
<p>Nasopharynx</p> <p>*Choanae → End of soft palate (Uvula)*</p>	<p>(Lined with pseudostratified ciliated columnar epithelium with goblet cells). Conducts air. Three parts: Uvula, Pharyngotympanic (Eustachian) Tubes, Pharyngeal Tonsils</p>
<p>Oropharynx</p> <p>*Uvula → Level of hyoid*</p>	<p>(Lined with nonkeratinized stratified squamous). Conducts air and food. Contains Palatine Tonsils and Lingual Tonsils.</p>
<p>Laryngopharynx</p> <p>*Hyoid → Larynx*</p>	<p>(Lined with nonkeratinized stratified squamous). Conducts air to larynx &amp; food to esophagus.</p>
<p>Trachea</p> <p>*Windpipe*</p>	<p>Connects larynx to primary bronchi. 15-20 "C-Shaped" hyaline cartilage pieces. Lined by pseudostratified ciliated columnar epithelium with goblet cells. Behind sternum – divides into left &amp; right primary bronchi.</p>
<p>Alveolus</p>	<p>Openings for gas exchange to take place.</p>
<p>Nasal Cavity</p>	<p>Anterior Space = Vestibule. Posterior Opening = Choanae. Contain respiratory mucosa (pseudostratified ciliated columnar epithelium with goblet cells)</p>
<p>Paranasal Sinuses</p>	<p>Paired cavities in the maxilla, frontal, sphenoid &amp; ethmoid bones. Connect to nasal cavity.</p>

Right Lung	2 Fissures & 3 lobes
Left Lung	1 fissure, 2 lobes & 1 cardiac notch
Larynx	“Voice box”. Directs food and liquids to esophagus, conducts air to trachea & vocalization. 9 cartilages & 2 laryngeal muscles.
Pleura (both parietal and visceral)	Serous membranes. Parietal: attaches directly to the internal chest wall. Visceral: attaches directly to the surface of the lung.