Mindluster Platform

About the course Larynx

The larynx, commonly called the voice box or glottis, is the passageway for air between the pharynx above and the trachea below. It extends from the fourth to the sixth vertebral levels. The larynx is often divided into three sections: sublarynx, larynx, and supralarynx. It is formed by nine cartilages that are connected to each other by muscles and ligaments. Illustration of the larynx The larynx plays an essential role in human speech. During sound production, the vocal cords close together and vibrate as air expelled from the lungs passes between them. The false vocal cords have no role in sound production, but help close off the larynx when food is swallowed. The thyroid cartilage is the Adam's apple. The epiglottis acts like a trap door to keep food and other particles from entering the larynx. The larynx, commonly called the voice box, is an organ in the top of the neck involved in breathing, producing sound and protecting the trachea against food aspiration. The opening of larynx into pharynx known as the laryngeal inlet is about 4â€“5 centimeters in diameter.The larynx houses the vocal cords, and manipulates pitch and volume, which is essential for phonation. It is situated just below where the tract of the pharynx splits into the trachea and the esophagus. The word larynx (plural larynges) comes from a similar Ancient Greek word What is the main function of larynx? The most basic function of the larynx is to provide sphincteric protection of the lower airway, most efficiently achieved by simultaneous adduction of both vocal cords. Such action serves to close the glottis by involving the activation of both thyroarytenoid muscles, among other groups of adductors.

Medical Category's Courses

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Lesson 14 : **Larynx cavity 3**

Lesson 15 : **Larynx nerve supply**

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