

Keywords: [Illegible text]

Introduction

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The nasal cavity is a complex structure with various anatomical features that contribute to its function. The nasal septum divides the cavity into two halves, while the turbinates (inferior, middle, and superior) are bony structures that help to filter and humidify the air. The mucosal lining of the nasal cavity is highly vascularized and contains numerous goblet cells that produce mucus. This mucus traps dust and pathogens, preventing them from entering the lungs. The cilia on the mucosal surface move the mucus towards the nostrils, where it can be expelled or swallowed. The olfactory epithelium is located in the upper part of the nasal cavity and is responsible for the sense of smell. The paranasal sinuses (maxillary, ethmoid, and sphenoid) are air-filled cavities that are connected to the nasal cavity. They help to lighten the skull and produce mucus. The Eustachian tube connects the middle ear to the nasopharynx and helps to equalize the pressure in the ear.

The nasal cavity is a highly sensitive organ that can be affected by a variety of conditions. Allergic rhinitis is a common condition characterized by inflammation of the nasal mucosa due to an allergic reaction to environmental allergens. This leads to symptoms such as sneezing, runny nose, and nasal congestion. Viral infections, such as the common cold and influenza, can also cause inflammation and swelling of the nasal mucosa. Structural abnormalities, such as a deviated nasal septum or enlarged turbinates, can lead to chronic nasal obstruction and difficulty breathing. The nasal cavity is also involved in the regulation of body temperature and humidity, and any disruption of its normal function can lead to respiratory problems.

The nasal cavity is a complex organ with a variety of functions. It is responsible for filtering and humidifying the air we breathe, and it also plays a role in the sense of smell. The nasal cavity is highly sensitive to environmental changes and can be affected by a variety of conditions. Understanding the anatomy and function of the nasal cavity is essential for diagnosing and treating nasal disorders. The nasal cavity is a complex organ with a variety of functions. It is responsible for filtering and humidifying the air we breathe, and it also plays a role in the sense of smell. The nasal cavity is highly sensitive to environmental changes and can be affected by a variety of conditions. Understanding the anatomy and function of the nasal cavity is essential for diagnosing and treating nasal disorders.

Discussion

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Conclusion

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Acknowledgement

Conflict of Interest

References

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