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*Shaping Lives...
Empowering Communities...*

Functions and disorders of the nose

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Understand the functions and disorders of the sensory system

Essential Questions

- What are the functions of the sensory system?
- What are some disorders of the sensory system?
- How are sensory system disorders treated?
- How do you relate the body's communication to the sensory system?



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Understanding the functions of the nose

Smell



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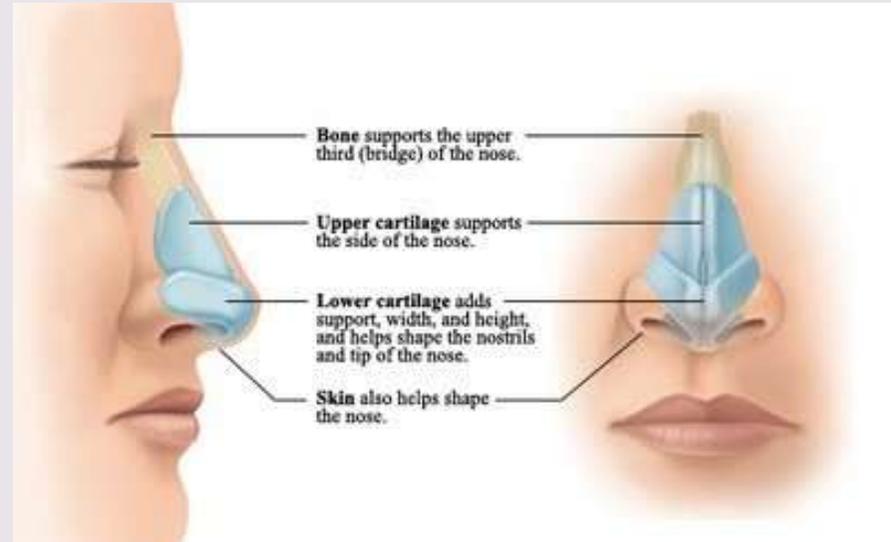
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Understanding the functions of the nose

v **Nares (nostrils)**



v **Nasal cilia**





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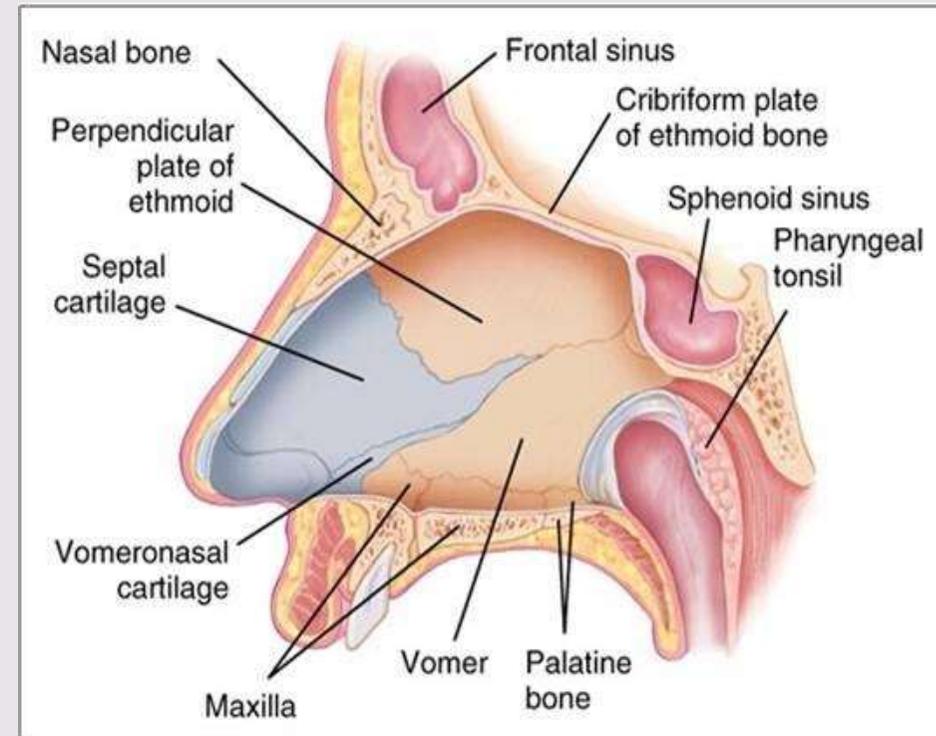
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Understanding the functions of the nose

v **Nasal septum**

v **Olfactory
receptors**

v **Turbinates**

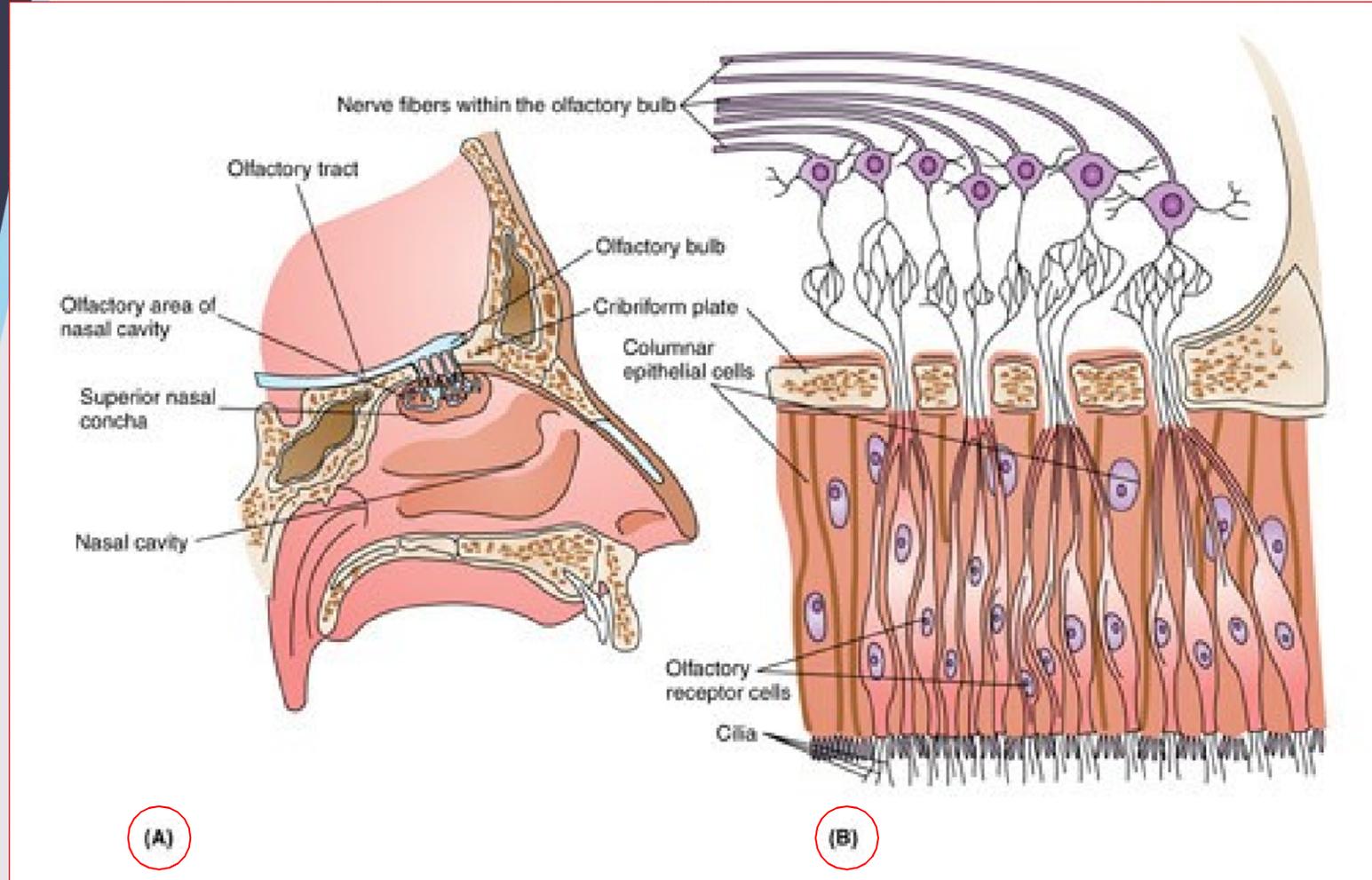




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Understanding the functions of the nose



(A) Pathway of smell

(B) Nerve activity in smell



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Smell Trivia...

Perfume

Did you know???

The beginnings of perfume use can be traced back thousands of years to the early Egyptians.

- Burning of resins and woods were used for their fragrance during religious ceremonies.

Perfume was developed to attract the goodwill of the gods.

When Tutankhamen's tomb was discovered, there was still a trace of the strong fragrance detected. He was buried over 3,300 years ago.



Function of the nose: Smell



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Pleasant or unpleasant?

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Function of the nose: Smell

Smell Activity

What is that smell?

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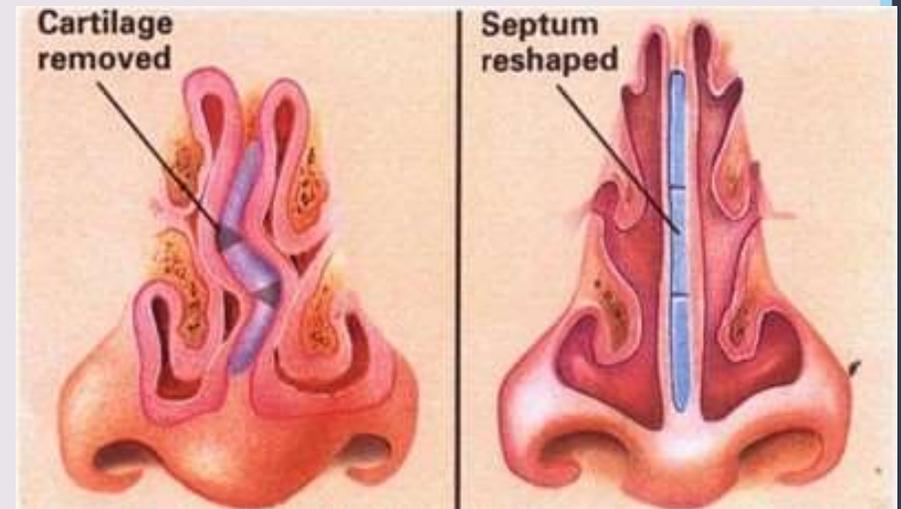
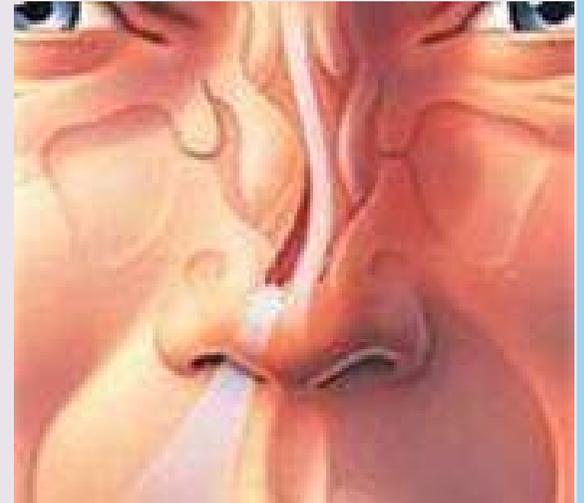
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Disorders of the nose

Deviated nasal septum

- √ What causes a deviated nasal septum?
- √ What is its impact on health?
- √ How does a septoplasty relieve symptoms?





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Disorders of the nose

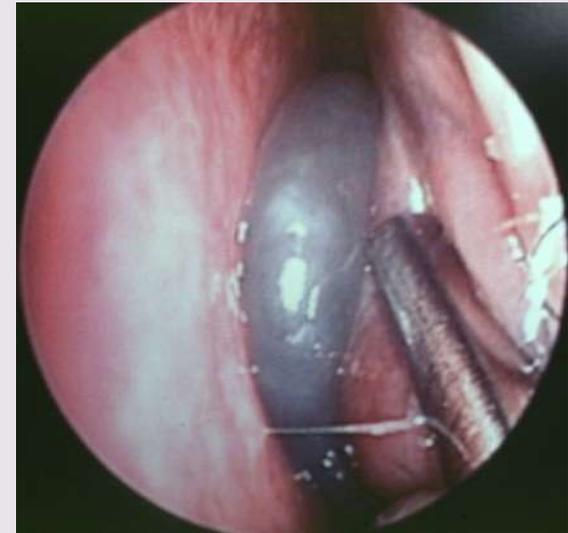
Nasal polyps

What are nasal polyps?

What causes nasal

polyps? How are they

treated?





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Disorders of the nose

Rhinitis

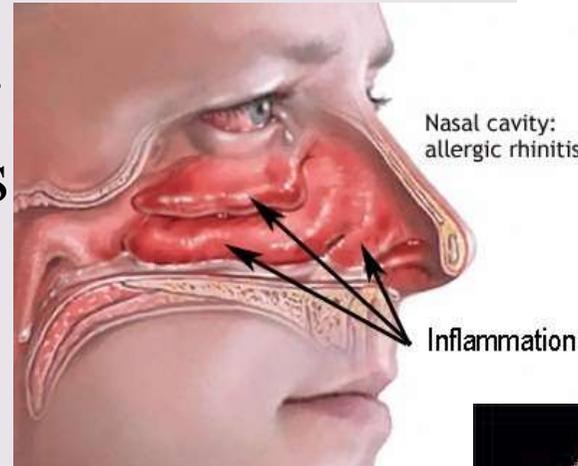
Define rhinitis.

Rhin- -itis

What causes rhinitis?

What are the symptoms?

How is rhinitis treated?





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