Anatomy of the nose
ANATOMY OF EXTERNAL NOSE
ANATOMY OF EXTERNAL NOSE
ANATOMY OF EXTERNAL NOSE
ANATOMY OF EXTERNAL NOSE
THE NASAL VESTIBULE
The nasal cavity
The Roof
The Floor
The Medial Wall (Nasal Septum)
Lateral Nasal Wall
Lateral Nasal Wall
The Olfactory Mucosa
Histology respiratory mucosa
The Respiratory Mucosa
Histology of respiratory epithelium
Histology of the turbinates

- respiratory epithelium
- bone
- vein
Histology septum

Nasal Septum

hyaline cartilage

mucus membrane
Olfactory mucosa
Arterial Blood Supply

- External Carotid
  - Maxillary
  - Facial
- Internal Carotid
  - Ophthalmic
Arterial blood Supply
Blood Supply Of The Nasal Cavity

Lateral Wall

Nasal Septum
Kesselbach’s Plexus/Little’s Area

- Anterior Ethmoid (Opth)
- Superior Labial A (Facial)
- Sphenopalatine (maxillary)
- Greater Palatine (maxillary)
Venous Drainage

- Facial vein
  ↓
  Internal jugular

- Angular vein
  ↓
  Ophthalmic
  ↓
  Cavernous sinus
Olfactory Nerve Supply

The central olfactory projections
Sensory Nerve Supply

- Ophthalmic and maxillary branches of the trigeminal
Autonomic Nerve Supply

- Sphenopalatine ganglion
  - Sympathetic: SCG
  - Parasympathetic: SSN
ANATOMY OF THE PARANASAL SINUSES
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Diagram showing various parts of the paranasal sinuses, including the frontal, ethmoid, sphenoid, and maxillary sinuses.
The Maxillary Sinus
The Maxillary Sinus
The Maxillary Sinus

- Sinus ostium located in the middle meatus
The Ethmoid Sinuses
The Ethmoid Sinuses
The Ethmoid sinuses

- Anterior ethmoids: drain into the middle meatus
- Posterior ethmoids: drain into superior meatus
The Frontal Sinus
The Frontal Sinus
The frontal sinus
The Sphenoid Sinus
The Sphenoid Sinus
The Sphenoid Sinus
The Sphenoid Sinus