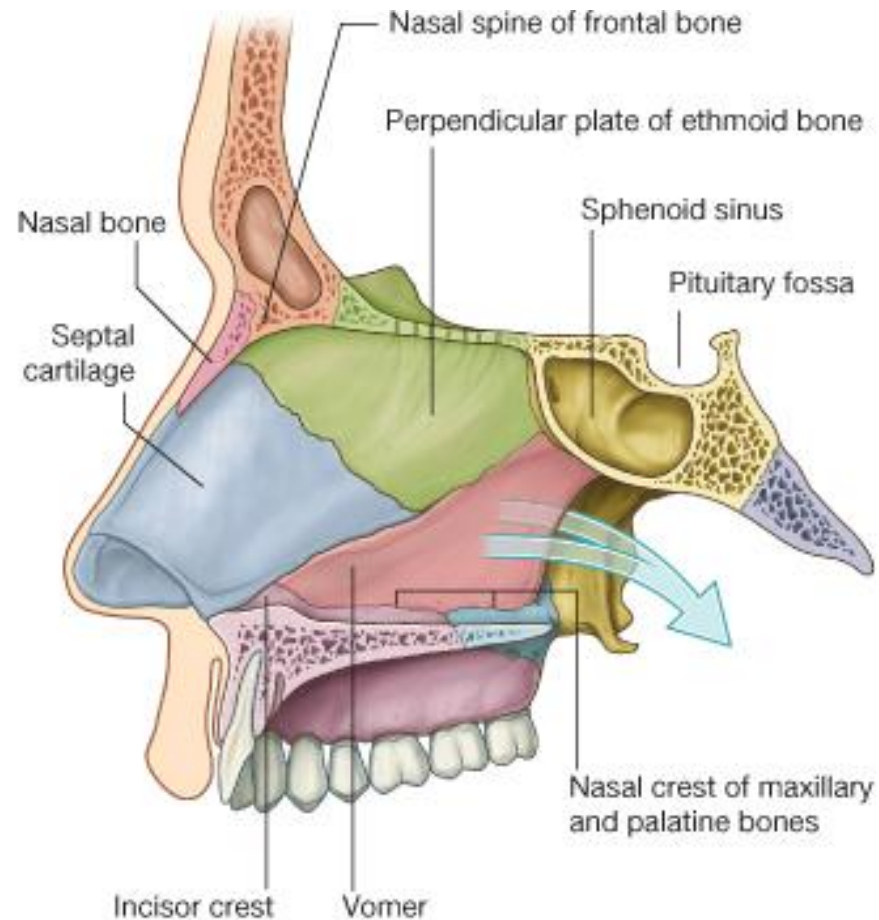


بنام مهربان ترین

گروه علوم تشریحی
دانشکده پزشکی شیراز
سعید کربلایی دوست

Nasal cavity



اهداف یادگیری

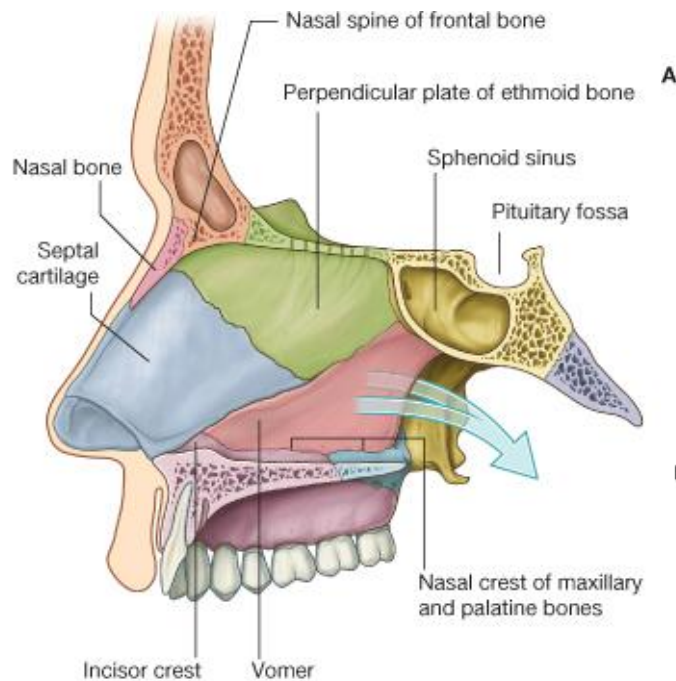
در انتهای این مبحث از یادگیرنده انتظار می رود:

● استخوان بندی و آناتومی دهانه جلویی و عقبی بینی را بیان نماید

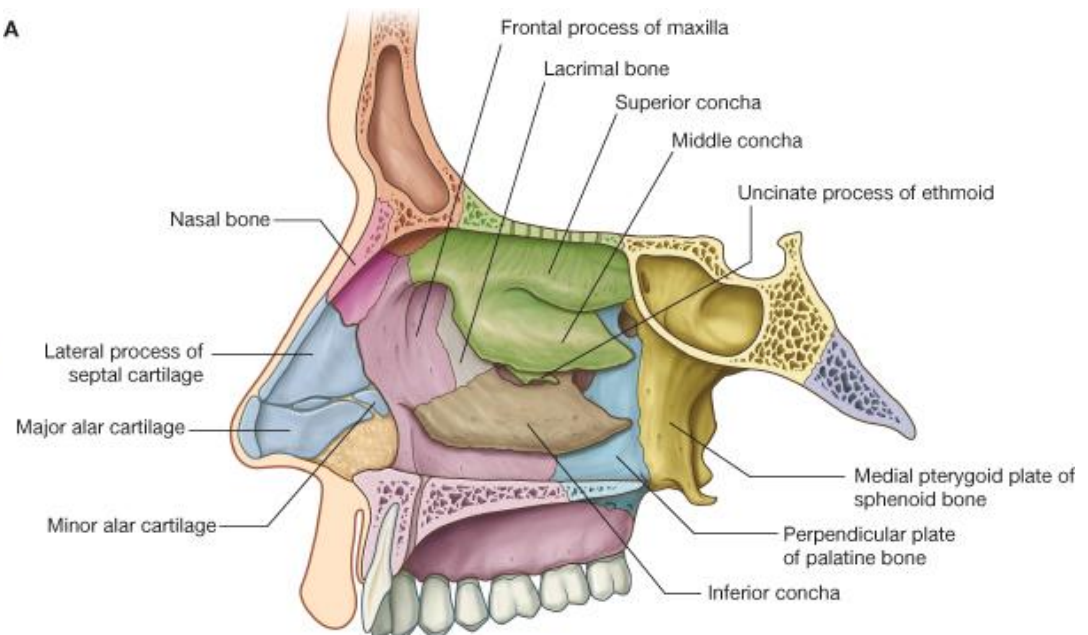
● در صورت دیدن عکس های CTS, MRI و دیدن مولاژ، آناتومی مرتبط با آن را شرح دهد.

Nasal cavity

Anterior & posterior nasal apertures, walls, floor, and roof



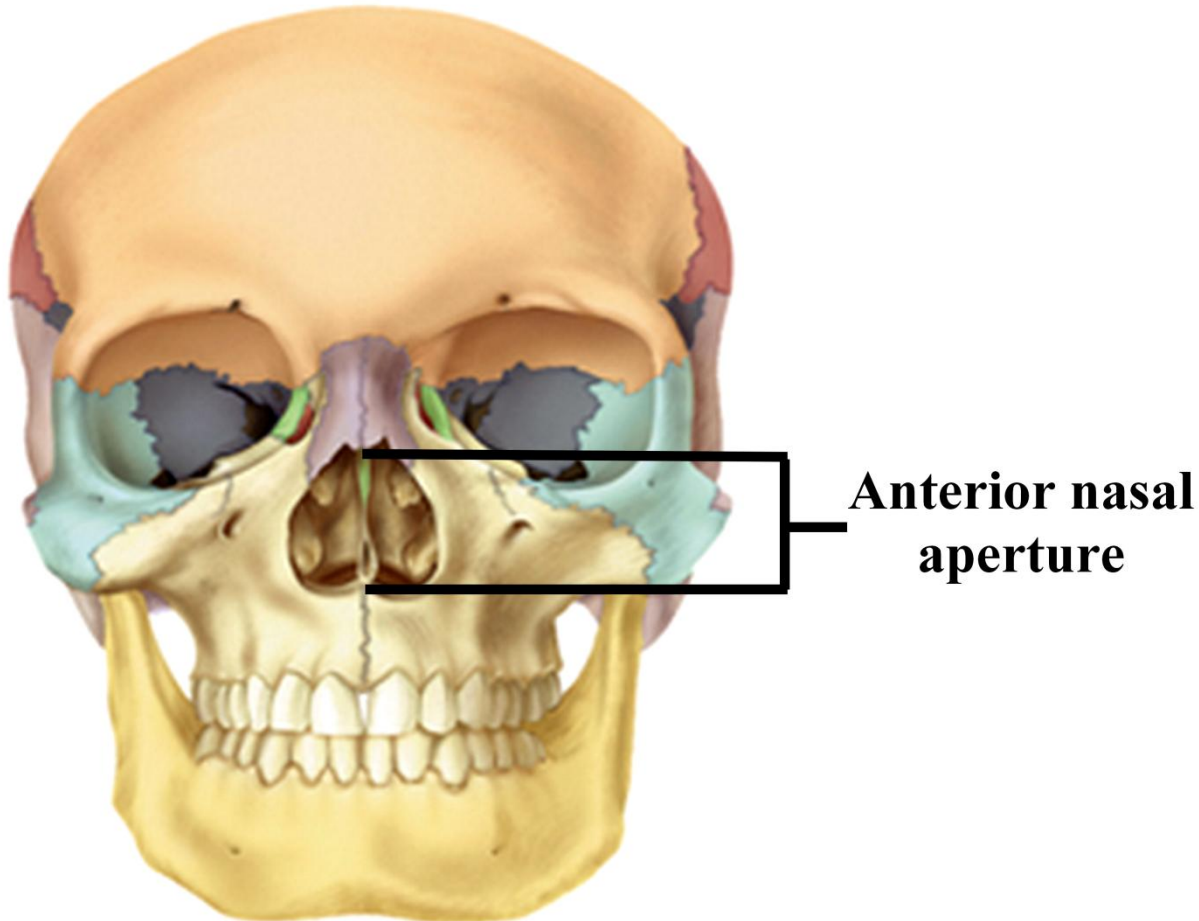
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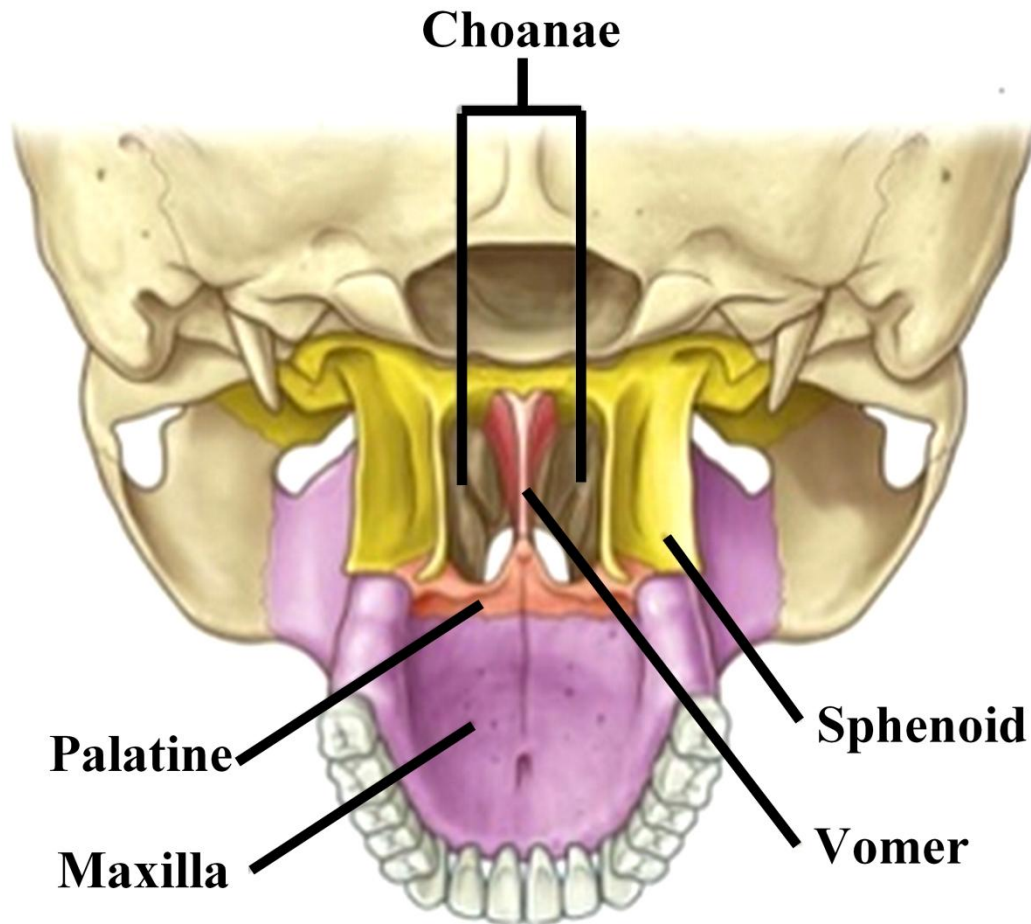
Anterior nasal aperture

The piriform aperture, or anterior nasal aperture, is a pear-shaped opening in the human skull.



Posterior nasal aperture

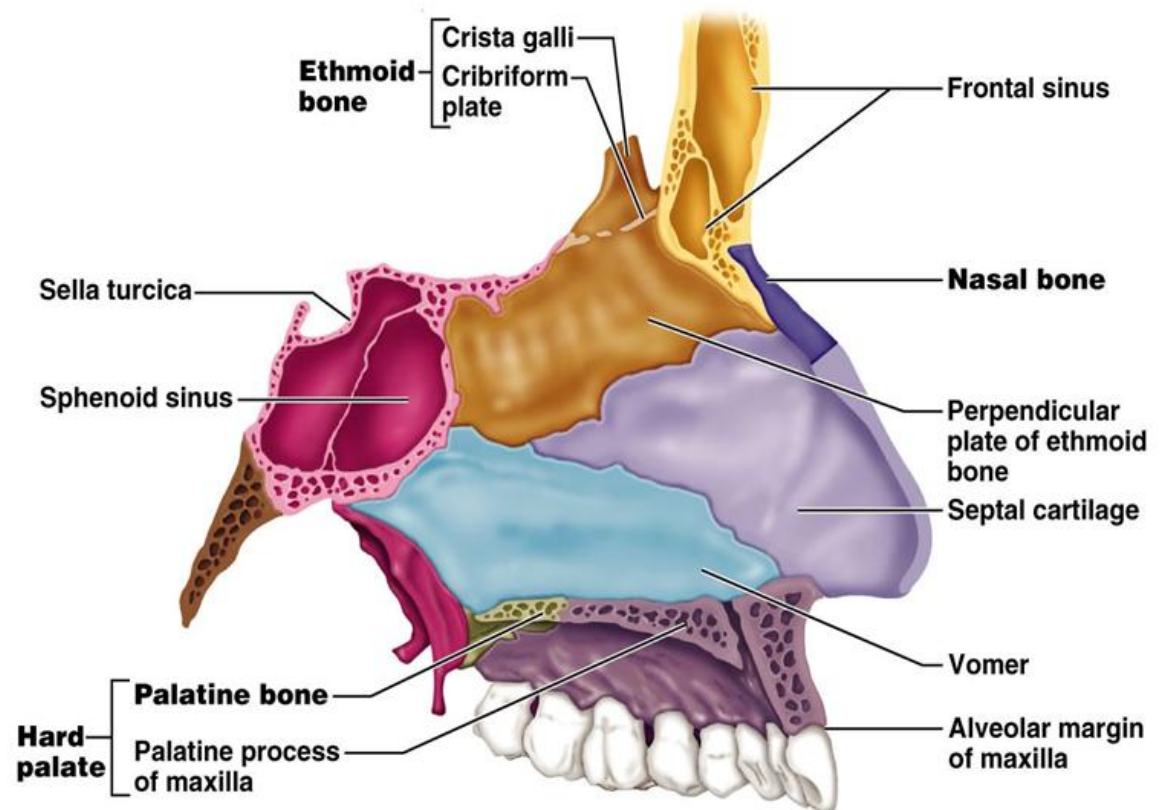
The **posterior nasal aperture** or Choana , which open into the nasopharynx



Nasal cavity (roof)

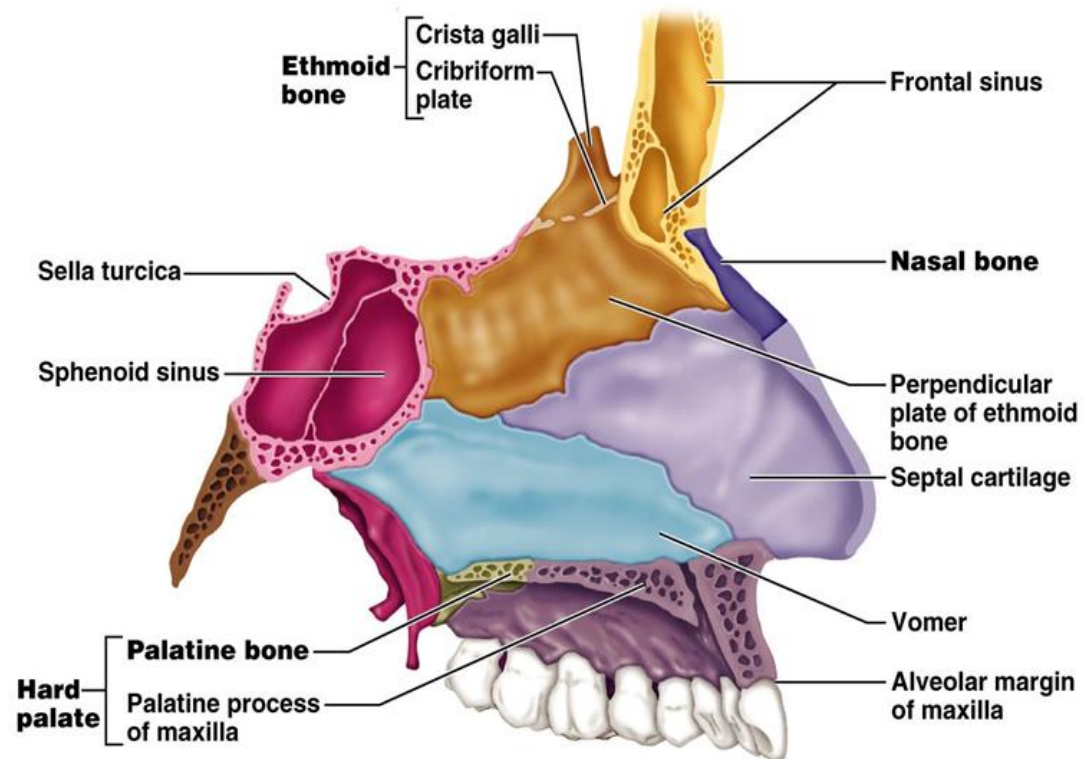
Formed by :

1. Cribriform plate of the ethmoid bone
2. Nasal and frontal bones, and posteriorly sphenoid bone.



Nasal cavity (floor)

It consists of: Palatine process of the maxilla, horizontal plate of the palatine, which together form the hard palate



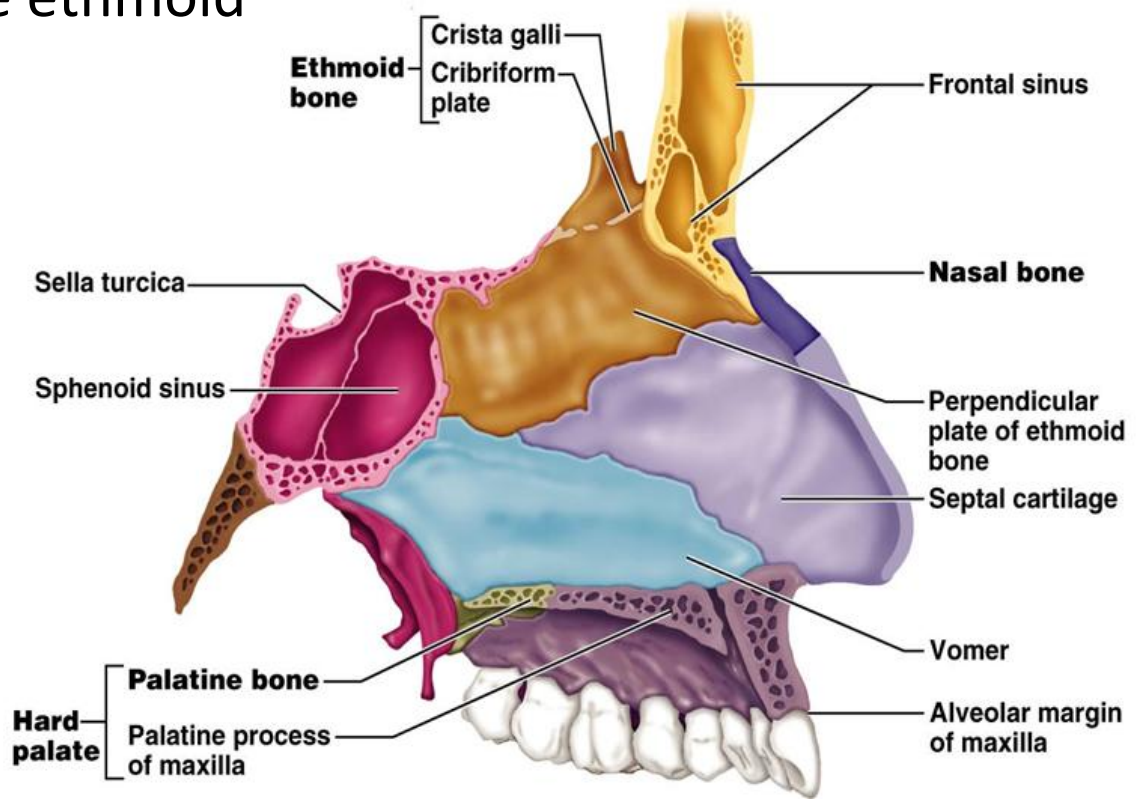
Nasal cavity (medial wall)

Medial wall (Nasal septum):

which is oriented vertically in median sagittal plane and separates right and left nasal cavities

Septum of:

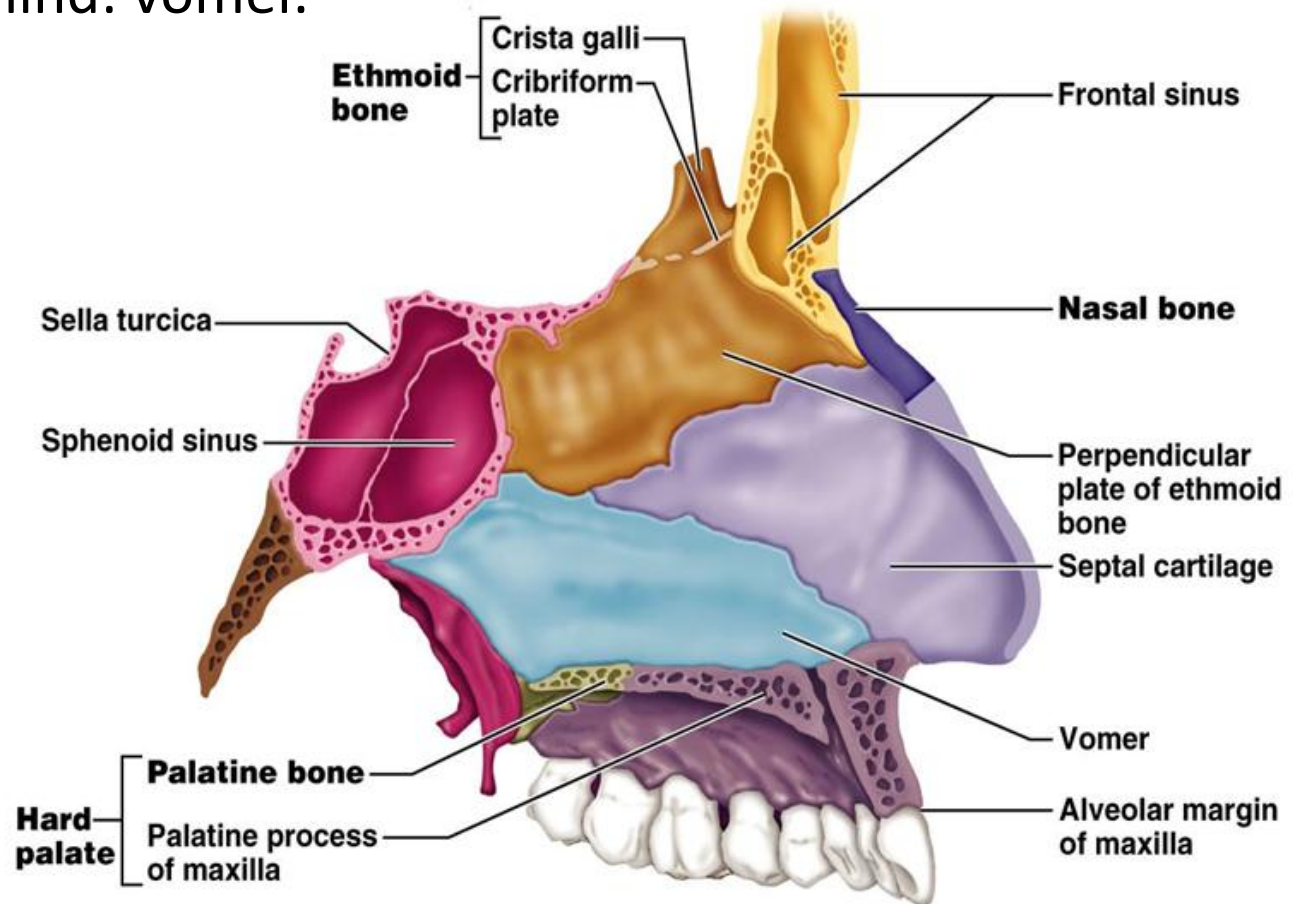
1. Septal cartilage
2. Perpendicular plate of the ethmoid
3. Vomer.



Nasal cavity (medial wall)

Nasal septum:

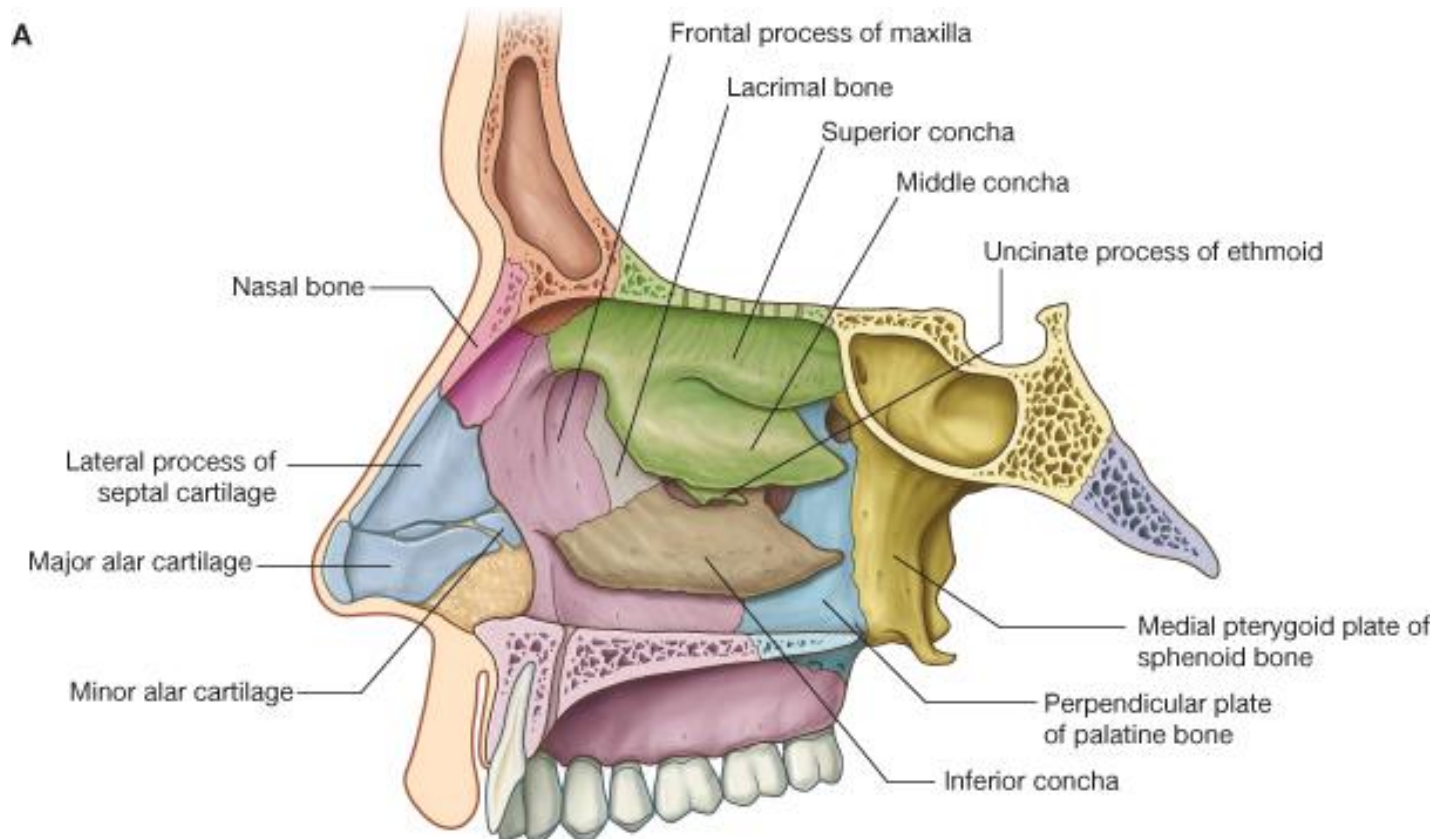
- Above: perpendicular plate of the ethmoid.
- Below and in front: septal cartilage.
- Below and behind: vomer.



Nasal cavity (lateral wall)

Lateral wall:

Superior & middle nasal concha of ethmoid, maxilla, nasal, lacrimal, inferior nasal concha, sphenoid

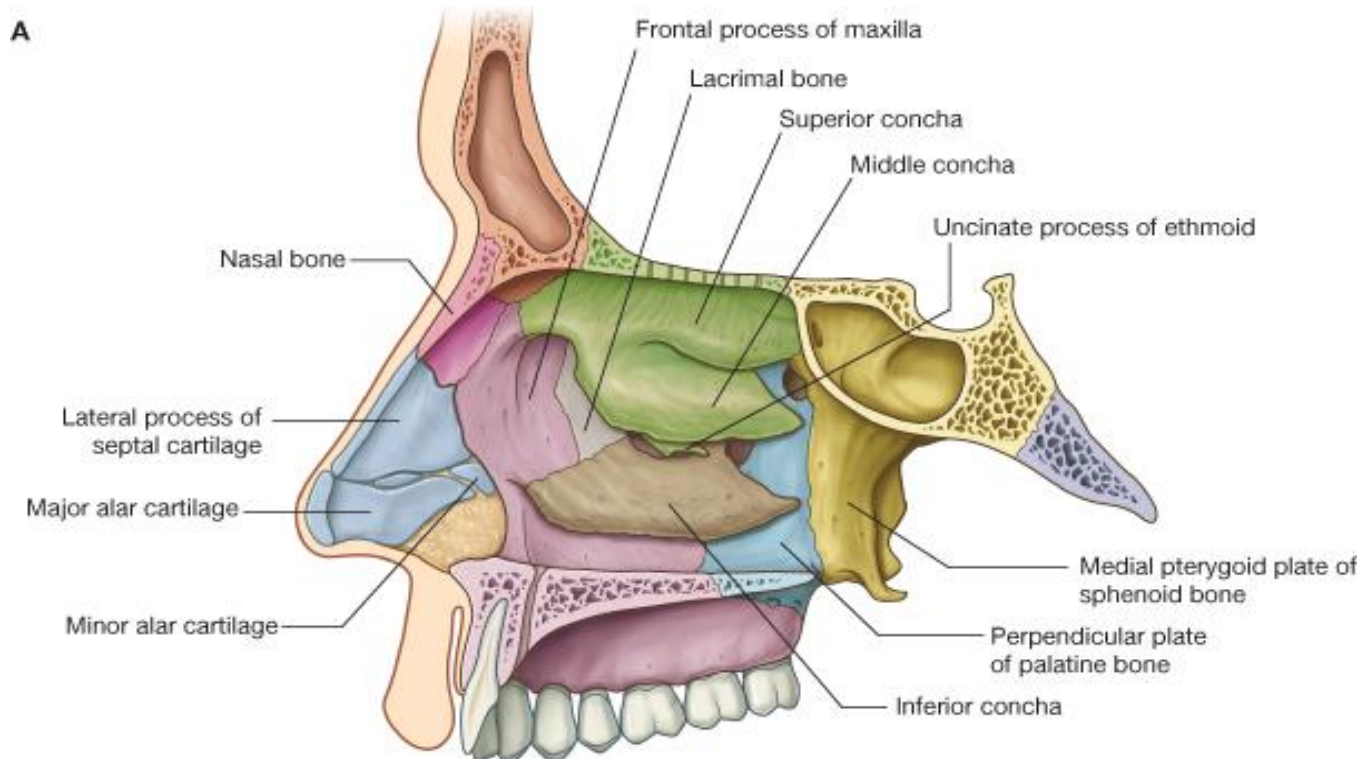


Nasal cavity (lateral wall)

It has 3 curved long projections called nasal concha:

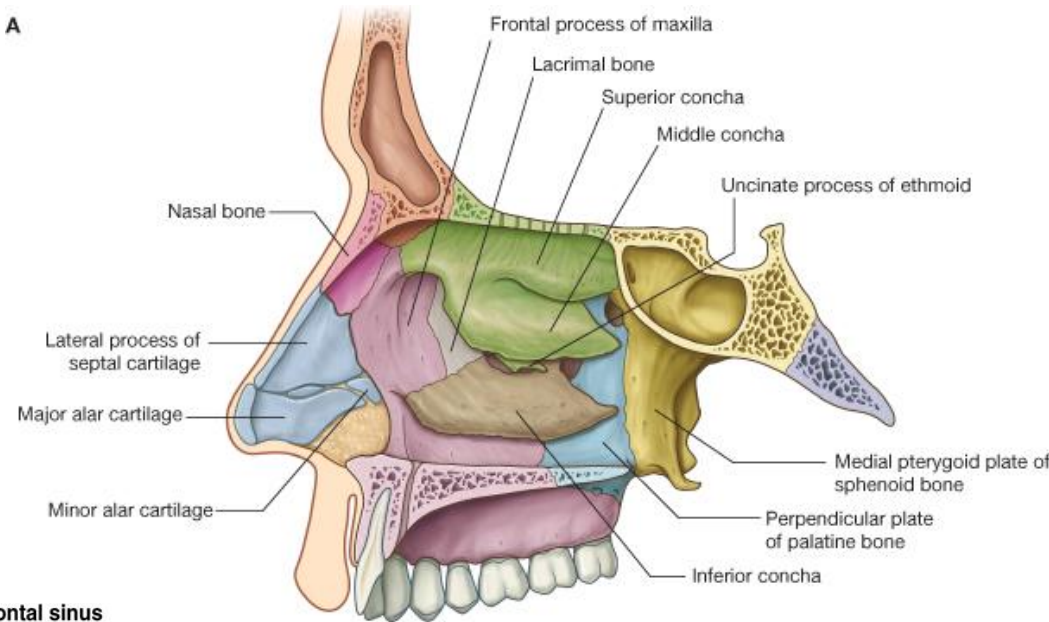
- 1) Superior concha
- 2) Middle concha
- 3) Inferior concha

The space below each of these conchae is called nasal meatus.

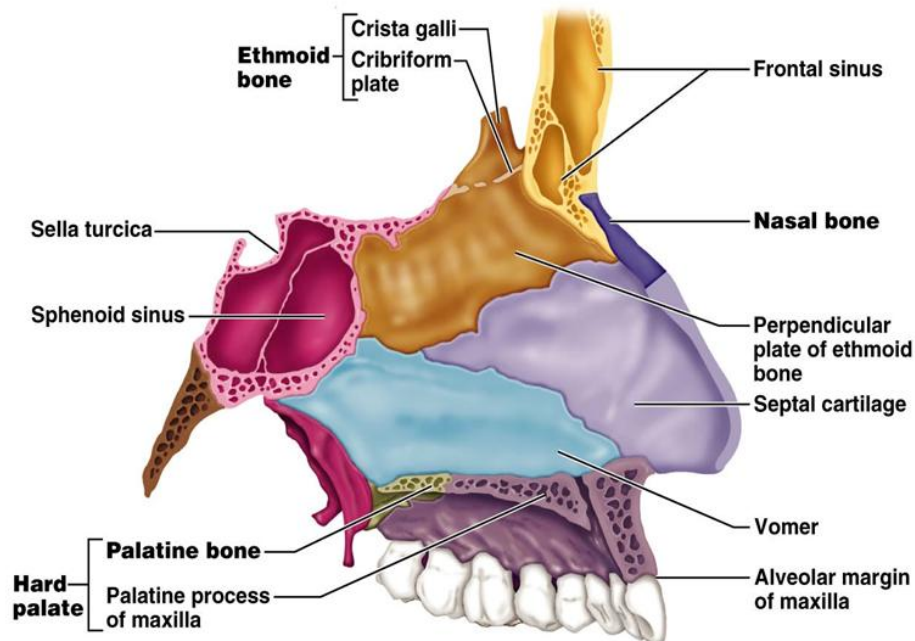


خلاصه

A



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- 1-Clinical Anatomy by Regions by Richard S. Snell , 2017
- 2-Gray's Anatomy for Students, 3rd Edition, 2017
- 3-Clinical Oriented Anatomy, KL Moore, 2017

آزمون

- 1- استخوان اتموئید در تشکیل کدام دیواره های بینی نقش دارد؟

شاد و سلامت باشید

گروه علوم تشریحی
دانشکده پزشکی شیراز
سعید کربلایی دوست