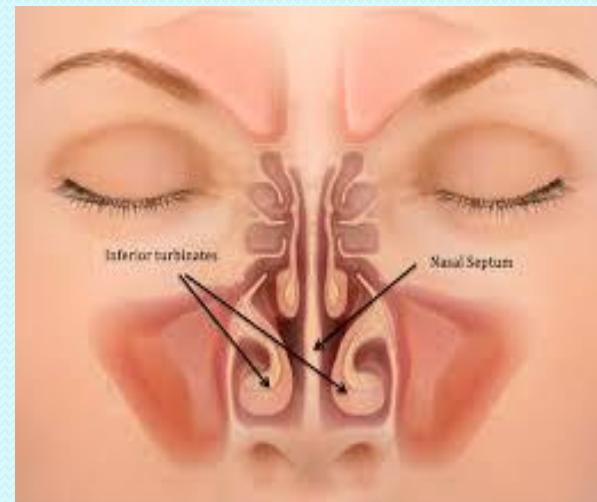
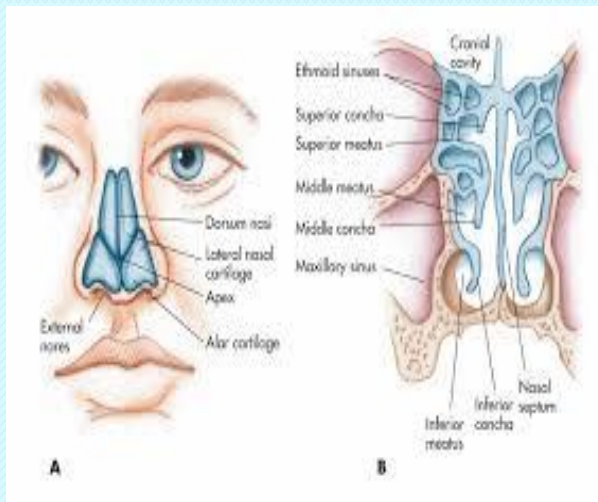
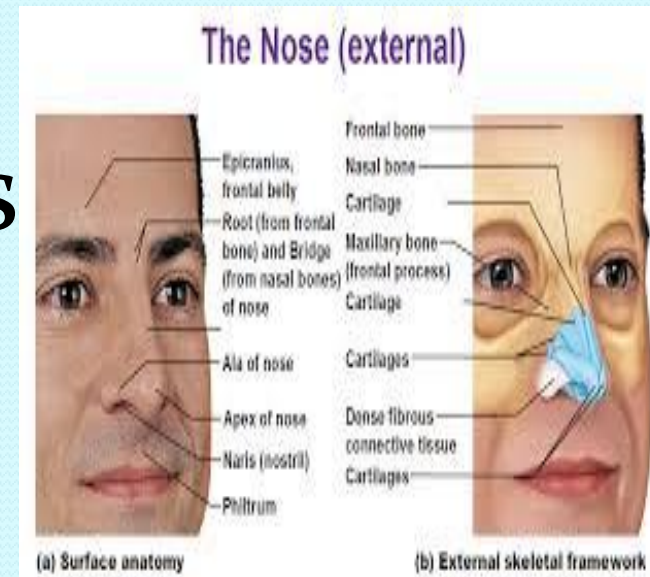


Nose + P.N.S



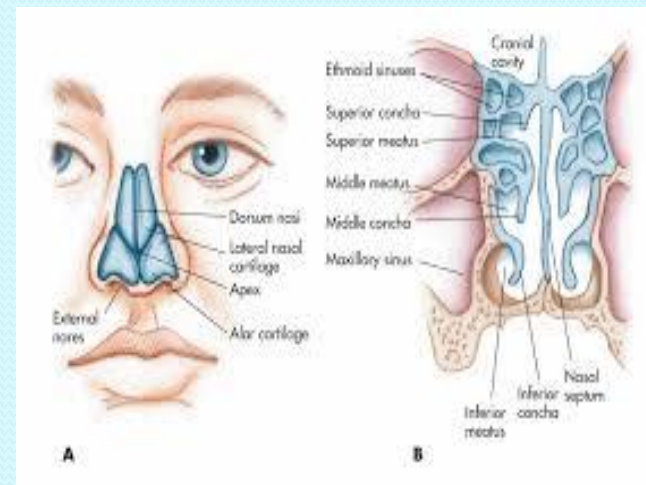
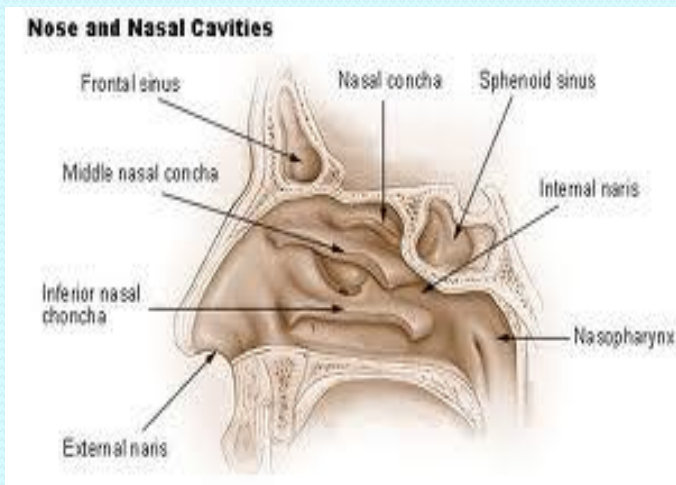
ANATOMY

- I- External nose
- Bony + cartilaginous parts
- II- Nasal cavity
- Two openings, 4 walls



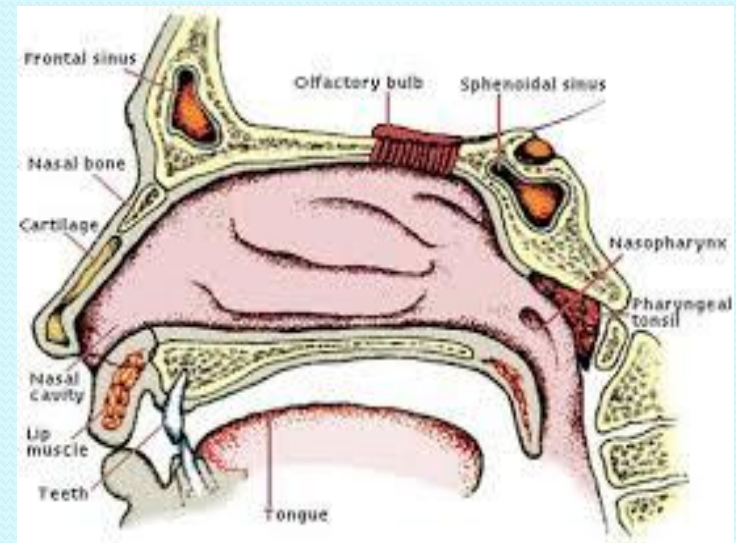
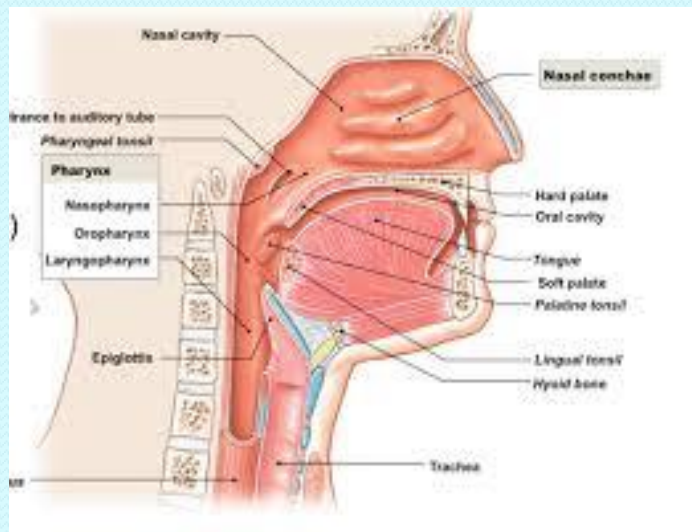
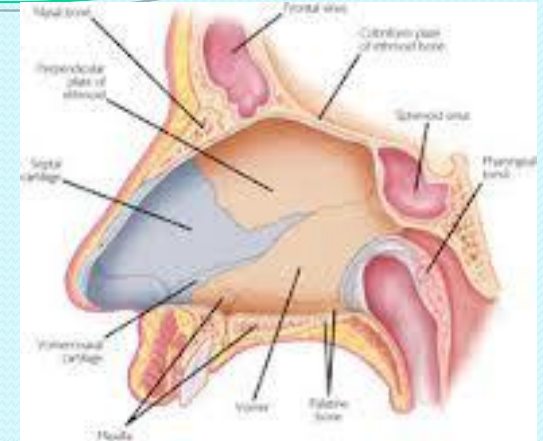
Nasal cavity

- 1- anterior + posterior nares
- 2- 4 walls – floor, roof, medial + lateral walls.



Nasal cavity

- Medial wall – septum
- Lateral wall – turbinates + meatus

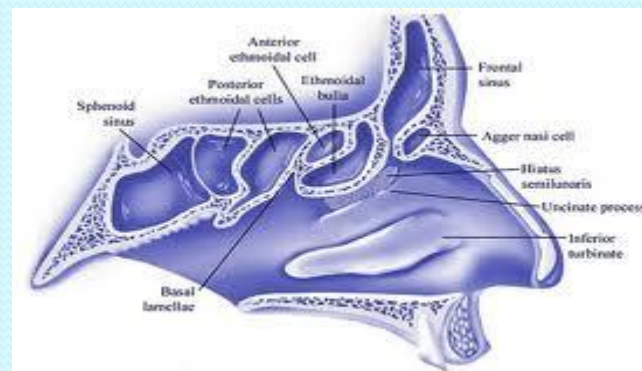


Para nasal sinuses



- Anterior + posterior groups of air cells
- Anterior – frontal, maxillary + anterior ethmoid
- Posterior – sphenoid + posterior ethmoid

P.N.S



SYMPTOMS OF NASAL DISEASES

- Nasal obstruction
- Nasal discharge
- Epistaxis
- Sneezing + itching
- Headache
- anosmia



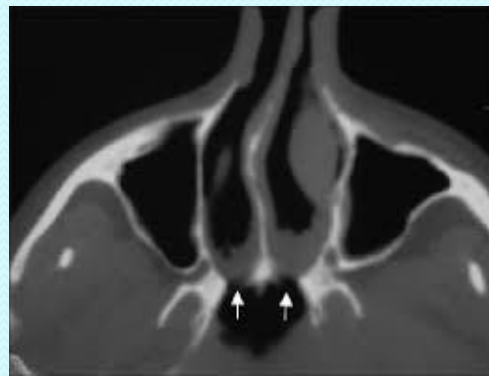
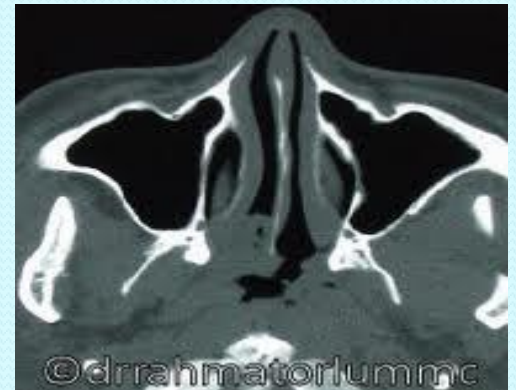
Nasal + P.N.S diseases

- 1- congenital
- 2- traumatic
- 3- inflammatory
- 4- neoplastic



Congenital choanal atresia

- Bony or membranous
- Uni or bilateral
- Discovered accidentally
- Emergency situation



Nasal F.B.

- Children
- Unilateral fetid nasal discharge



Fracture nasal bones

- Boxing or accidents
- Deformity + epistaxis
- Reduction + fixation

