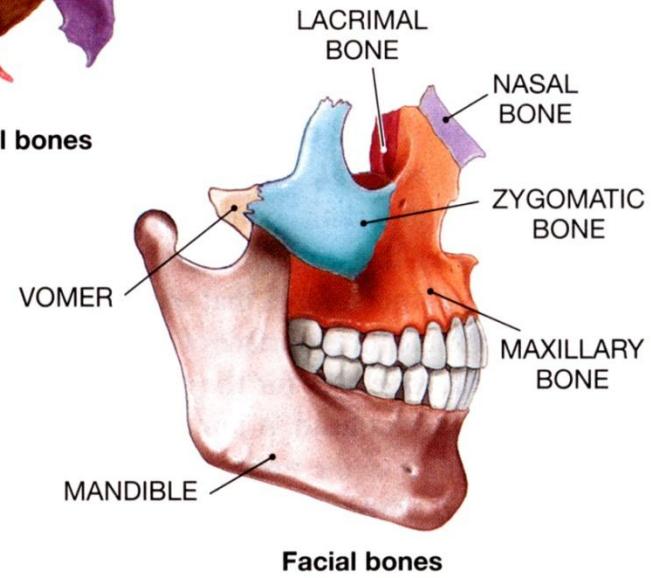


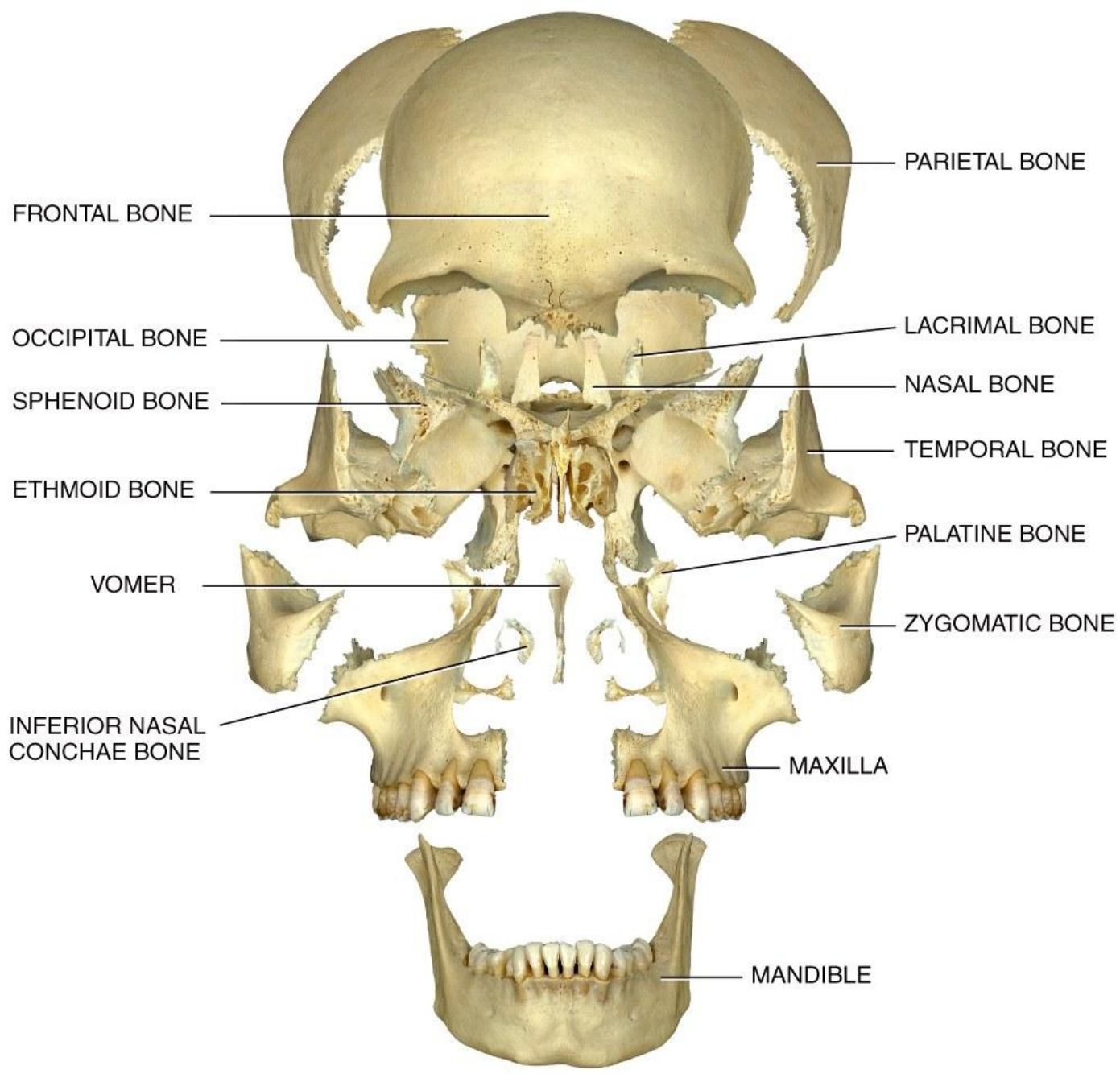
SKULL	
ASSOCIATED BONES	7
Auditory ossicles (detailed in Chapter 17)	6
Hyoid bone	1
CRANIUM	8
Occipital bone	1
Parietal bones	2
Frontal bone	1
Temporal bones	2
Sphenoid	1
Ethmoid	1
Cranial bones	
FACE	14
Maxillary bones	2
Palatine bones	2
Nasal bones	2
Vomer	1
Inferior nasal conchae	2
Zygomatic bones	2
Lacrimal bones	2
Mandible	1

Within temporal bones

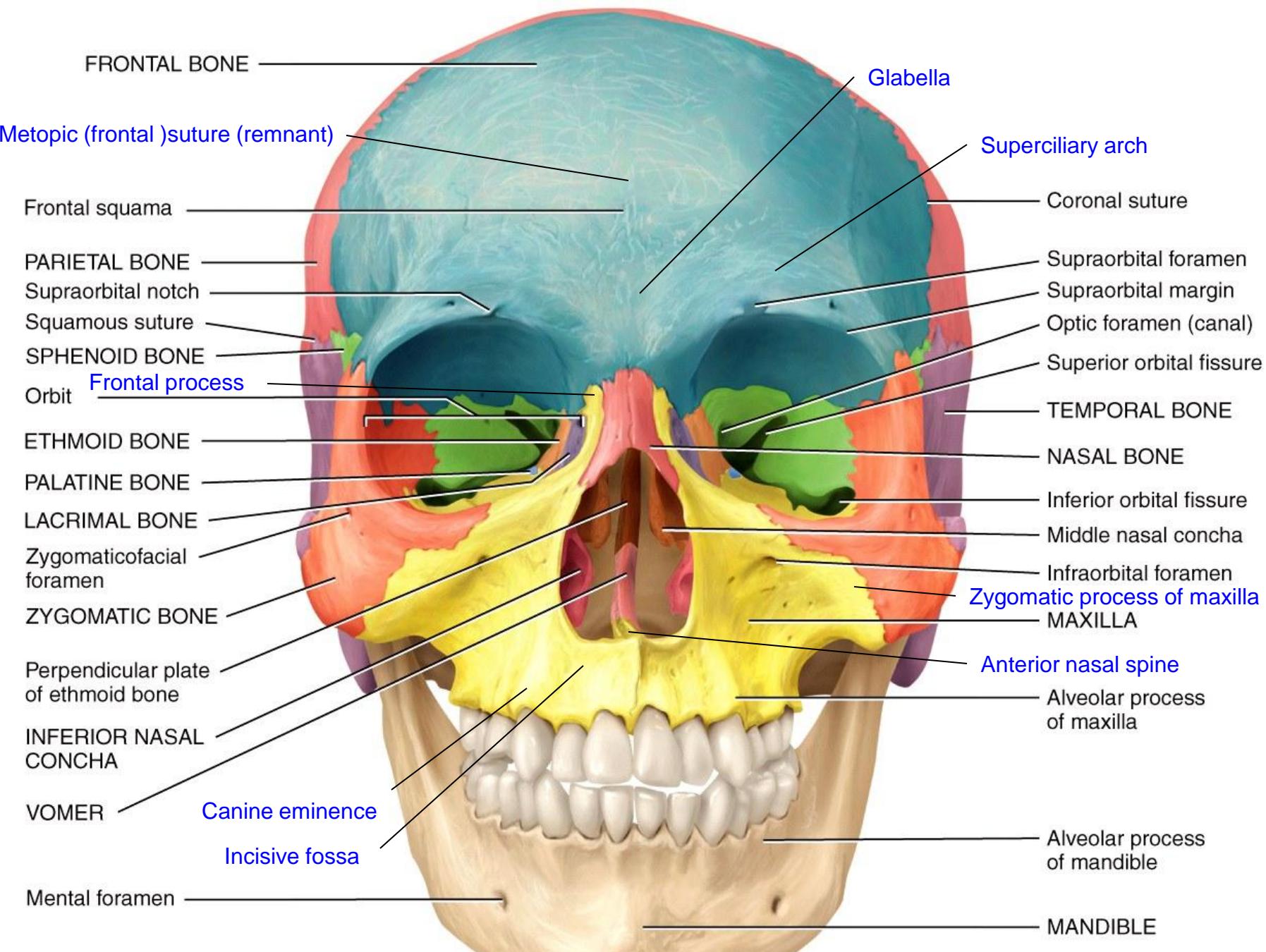
Suspended from temporal bones



**•FIGURE 7–2**  
**Cranial and Facial Subdivisions of the Skull.**  
The seven associated bones are not illustrated.



(b) Anterior view of disarticulated skull



(a) Anterior view

FRONTAL BONE

Metopic (frontal) suture (remnant)

Glabella

Superciliary arch

PARIETAL BONE

SPHENOID BONE

Supraorbital notch

Orbit

ZYGOMATIC BONE

Zygomatico facial foramen

Perpendicular plate  
of ethmoid bone

Zygomatic process of maxilla

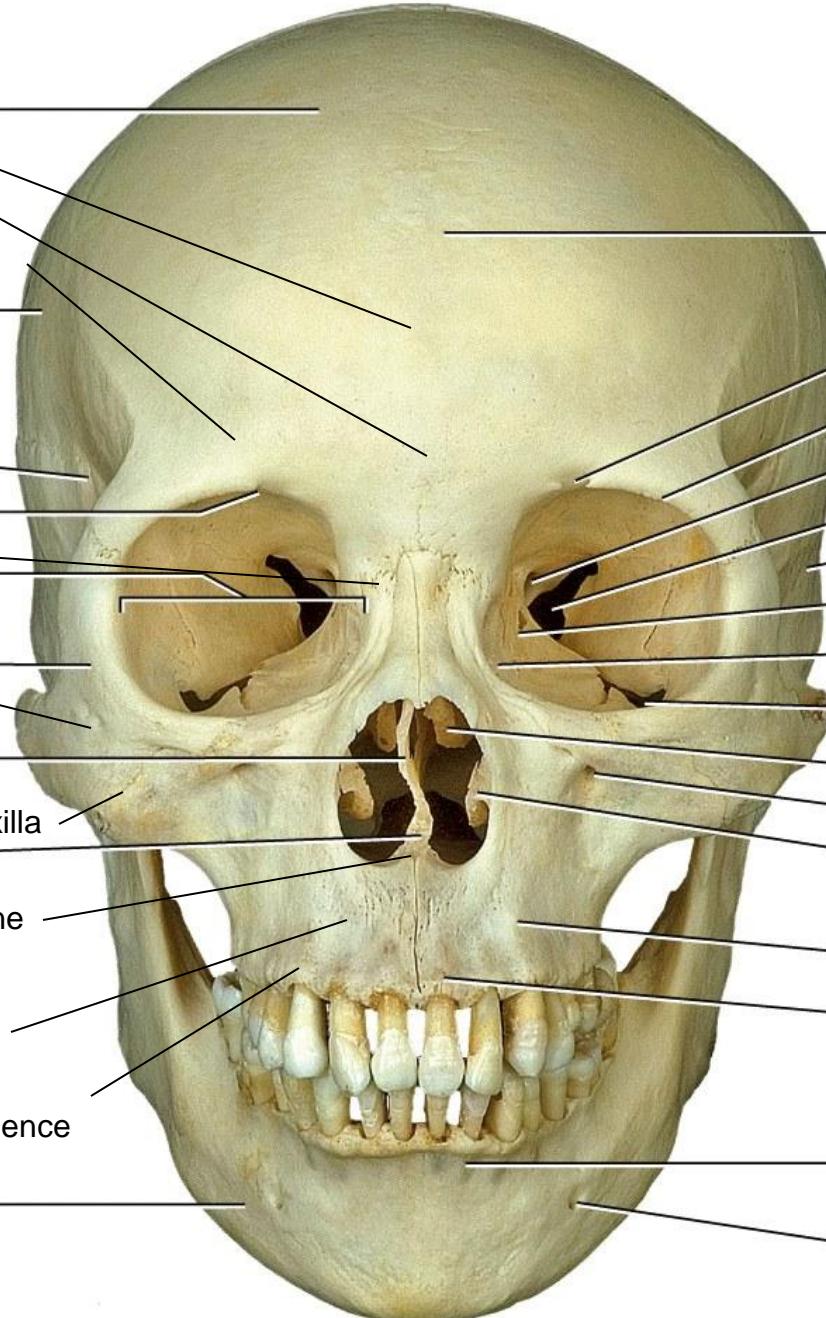
VOMER

Anterior nasal spine

Incisive fossa

Canine eminence

MANDIBLE



(b) Anterior view

Frontal squama

Supraorbital foramen

Supraorbital margin

Optic foramen

Superior orbital fissure

TEMPORAL BONE

ETHMOID BONE

LACRIMAL BONE

Inferior orbital fissure

Middle nasal concha

Infraorbital foramen

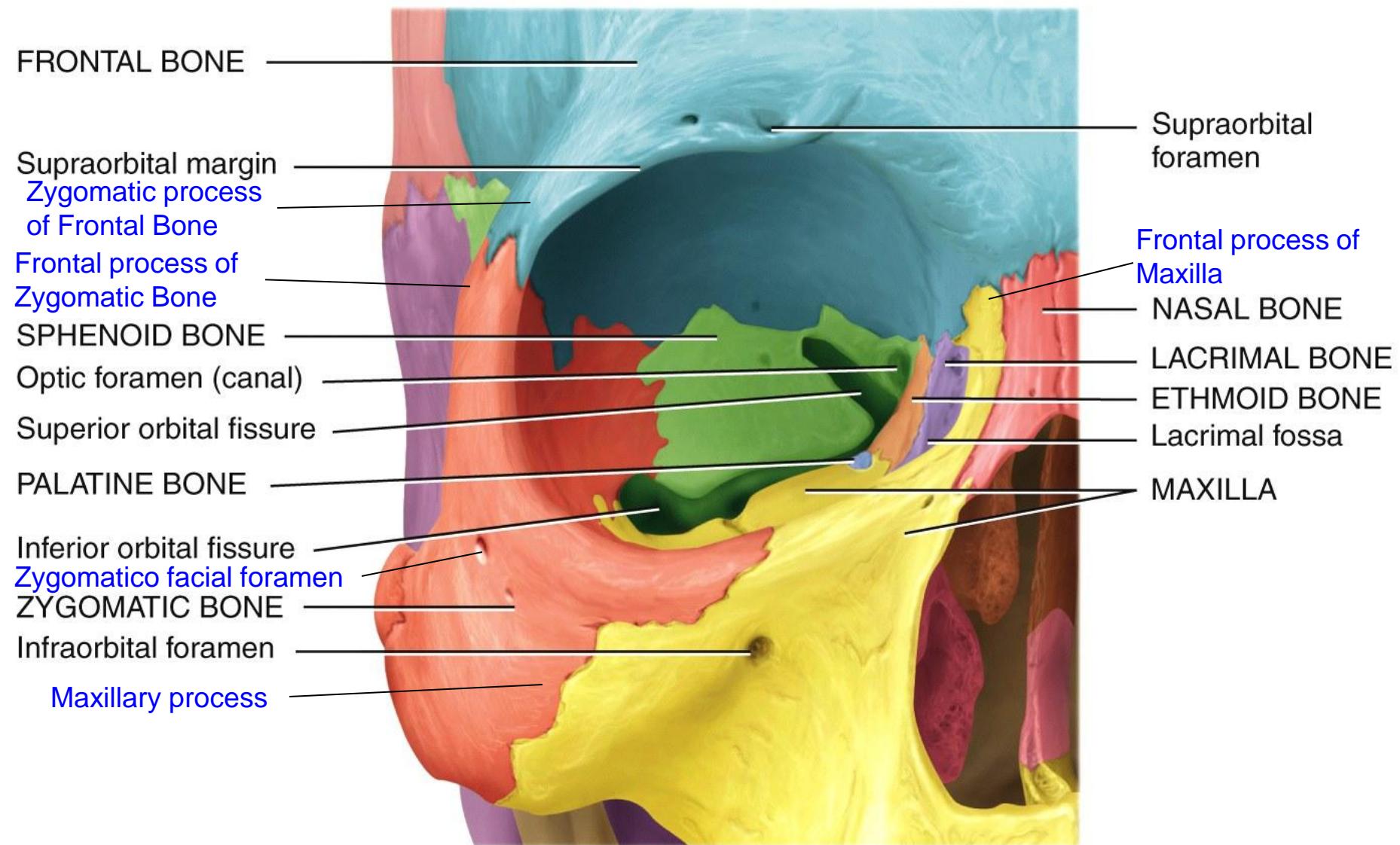
INFERIOR NASAL CONCHA

MAXILLA

Alveolar process of maxilla

Alveolar process of mandible

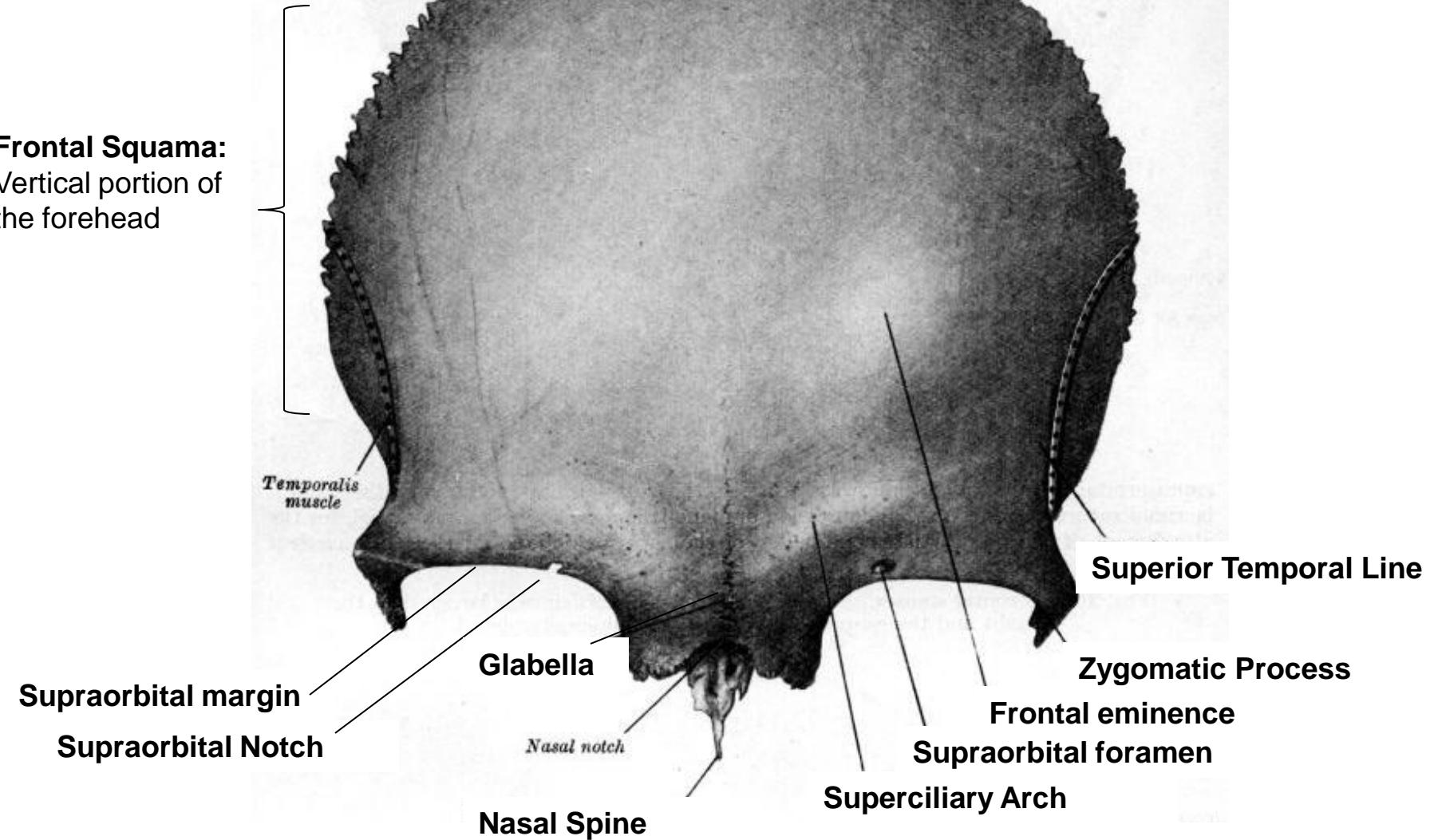
Mental foramen



Anterior view showing the bones of the right orbit



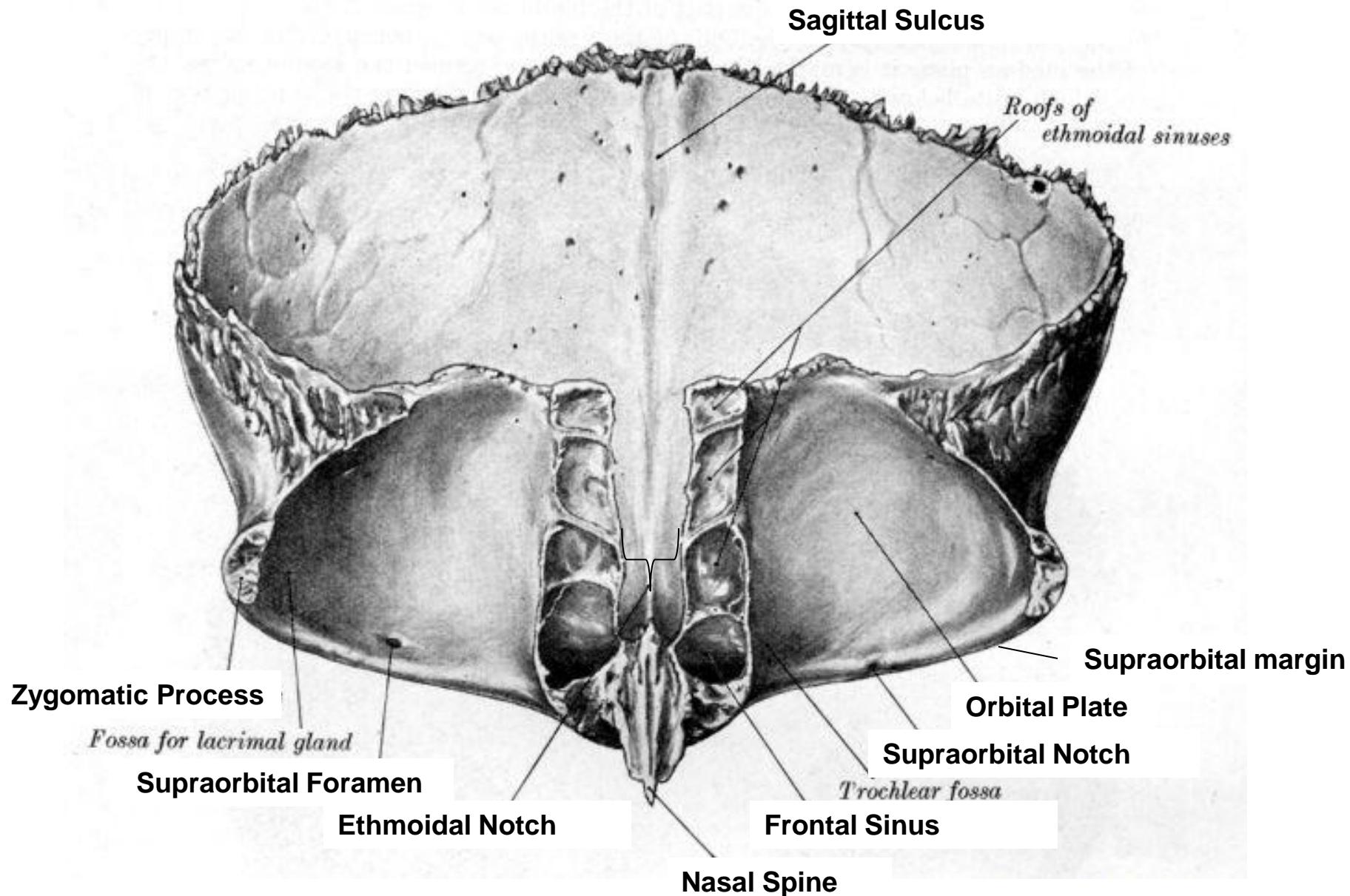
# Frontal Bone

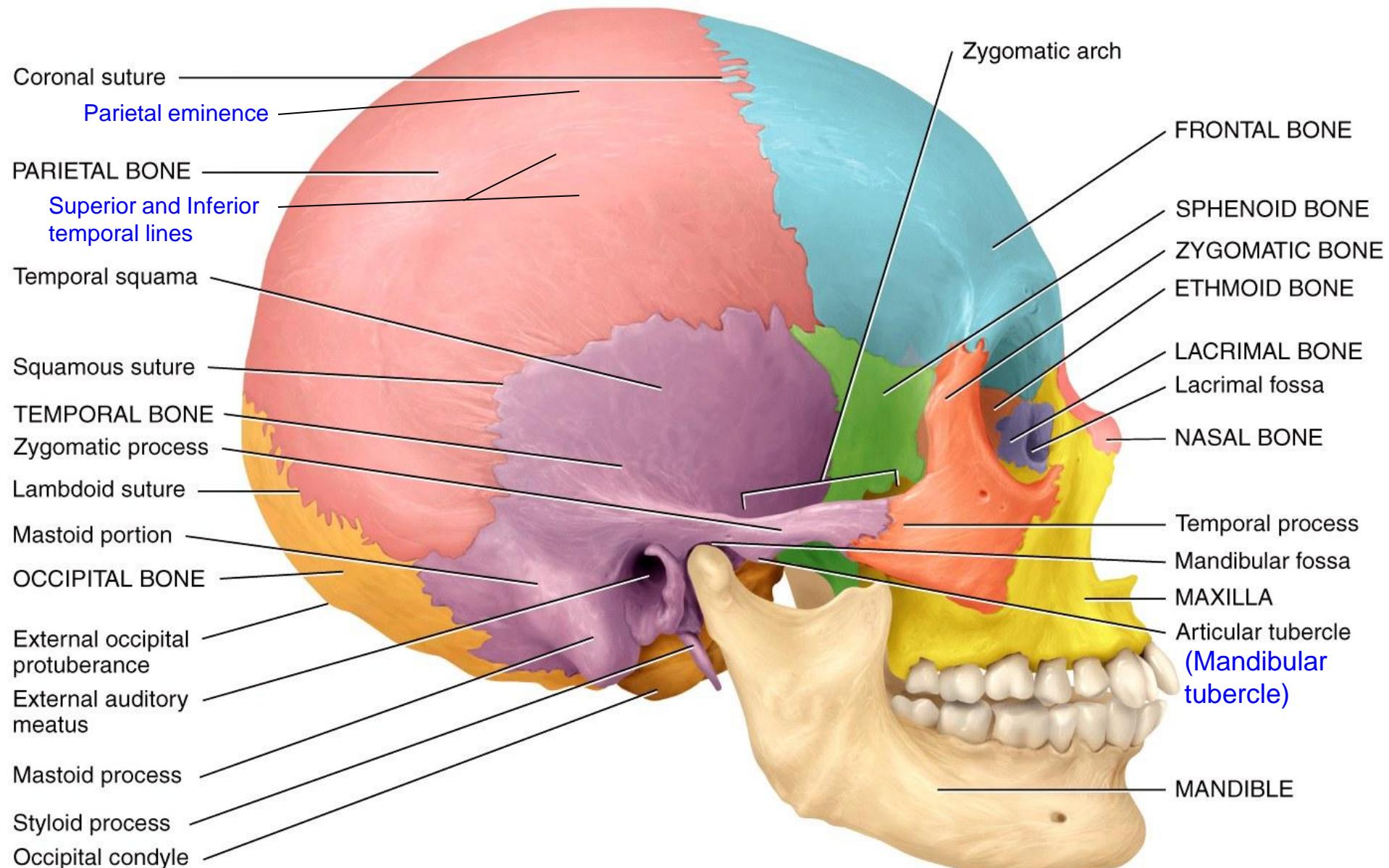


Orbital Plate

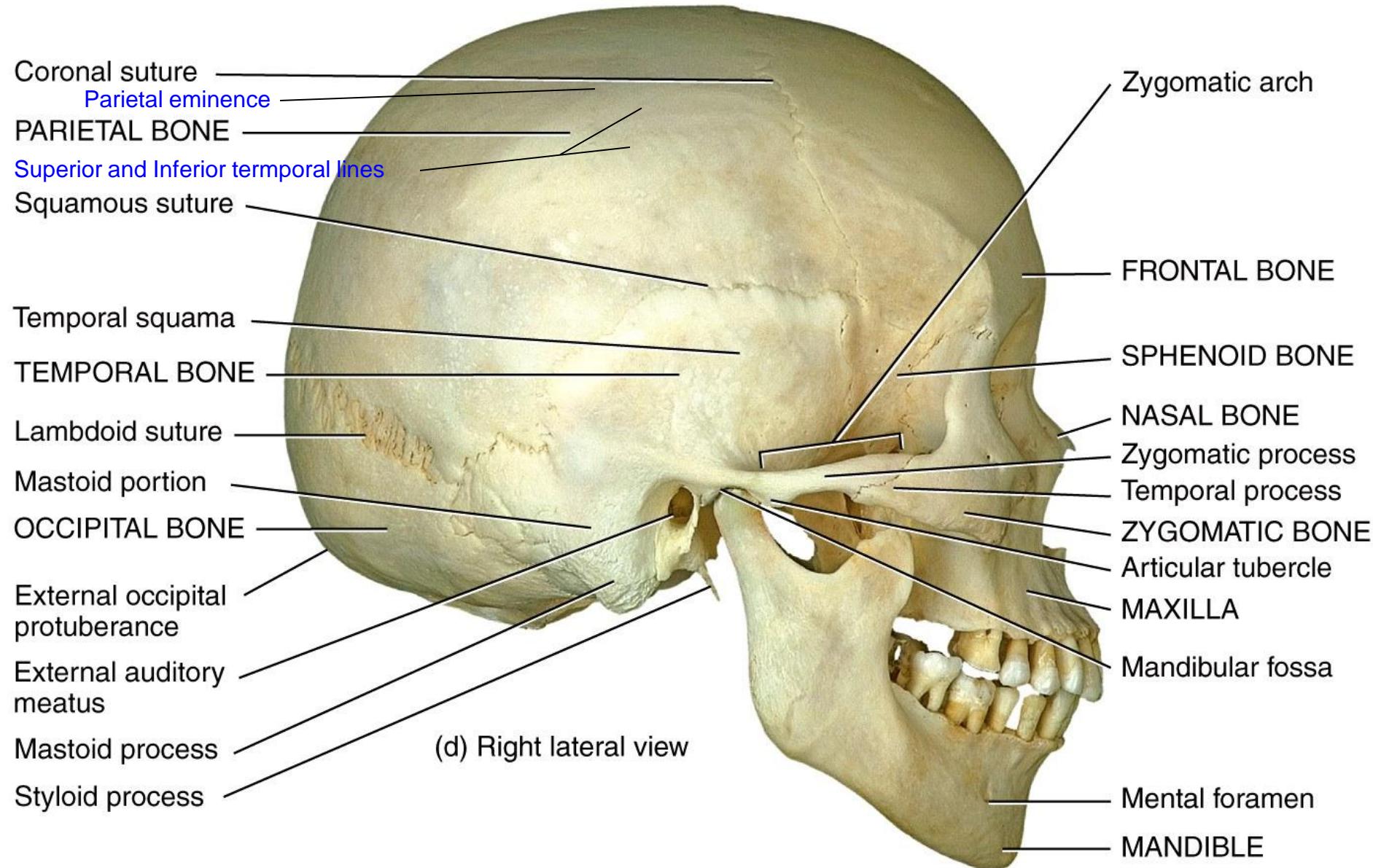
# Frontal Bone

FIG. 363.—The frontal bone. Viewed from below.

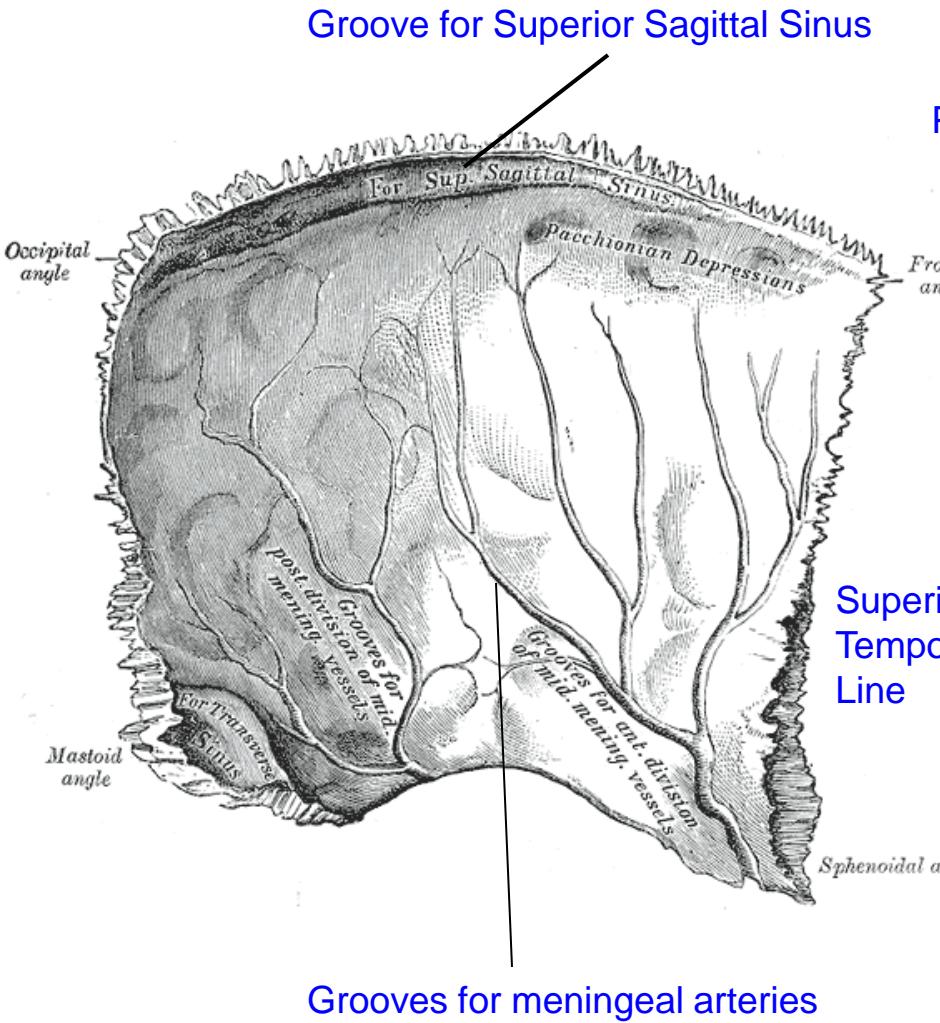




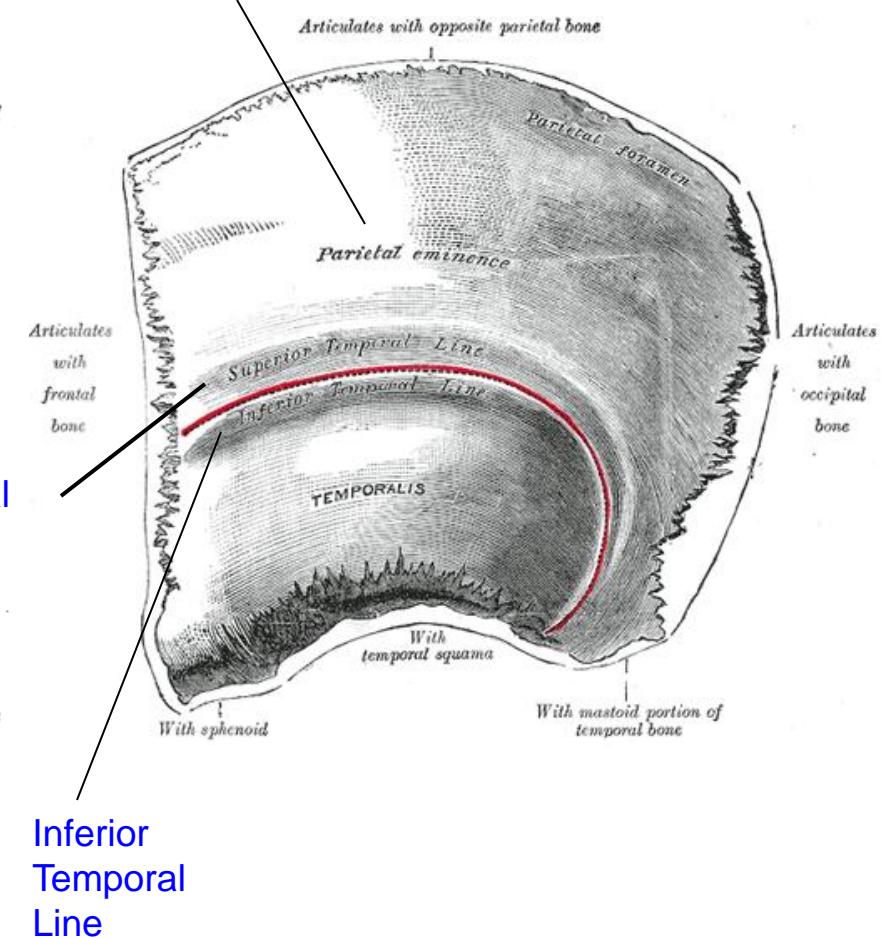
(b) Right lateral view



# Parietal Bone



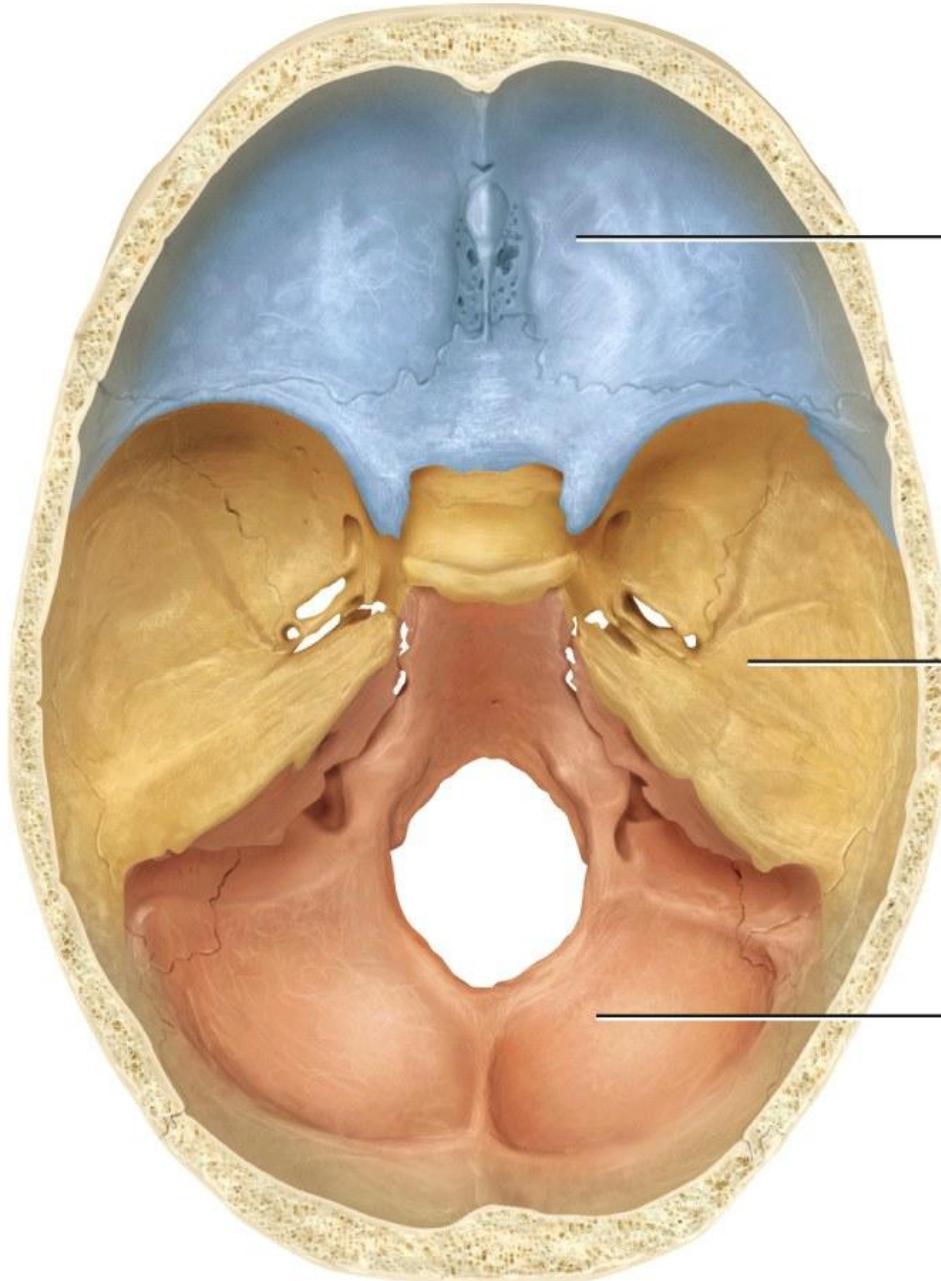
Parietal eminence



Superior  
Temporal  
Line

Inferior  
Temporal  
Line

# Cranial Fossa

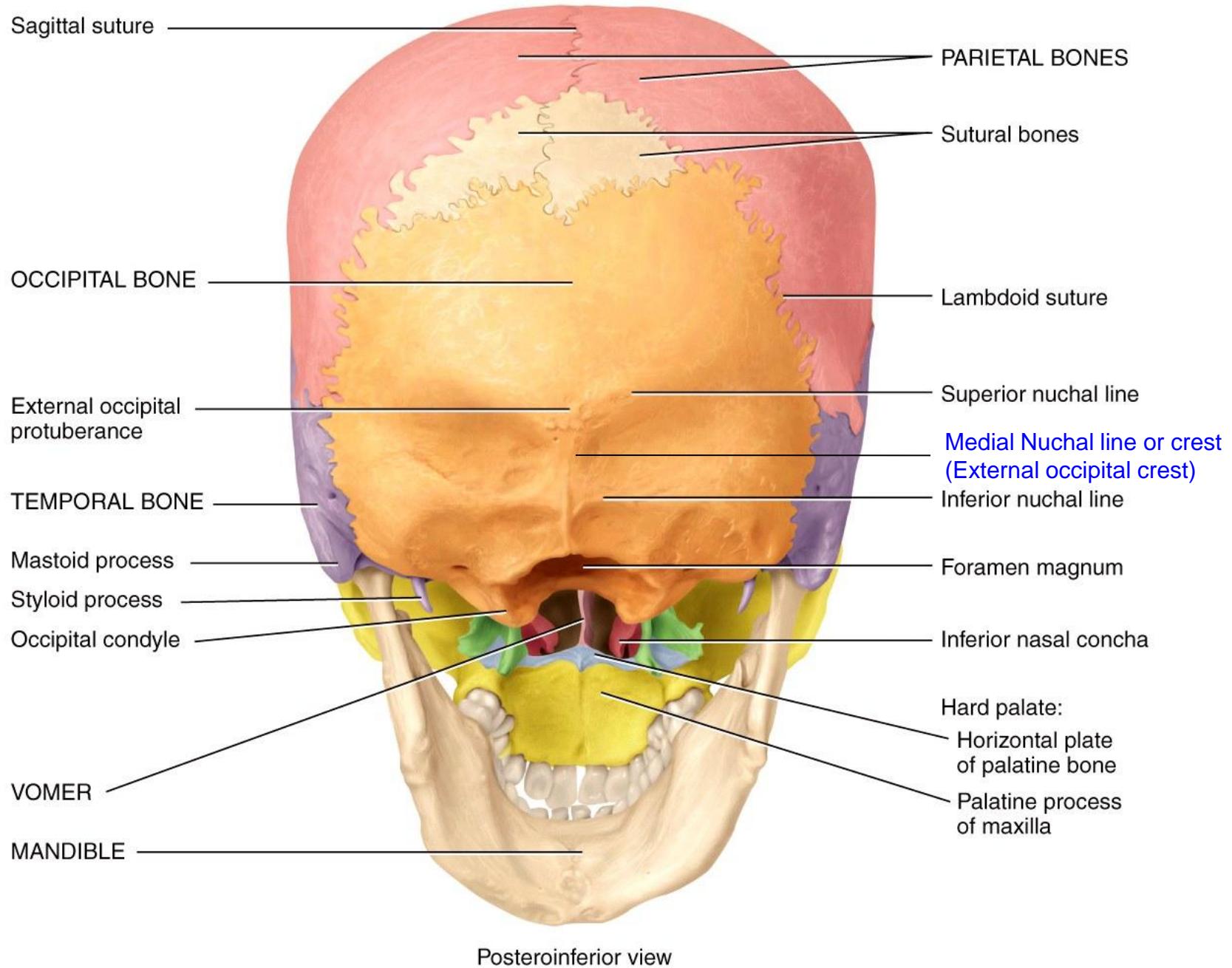


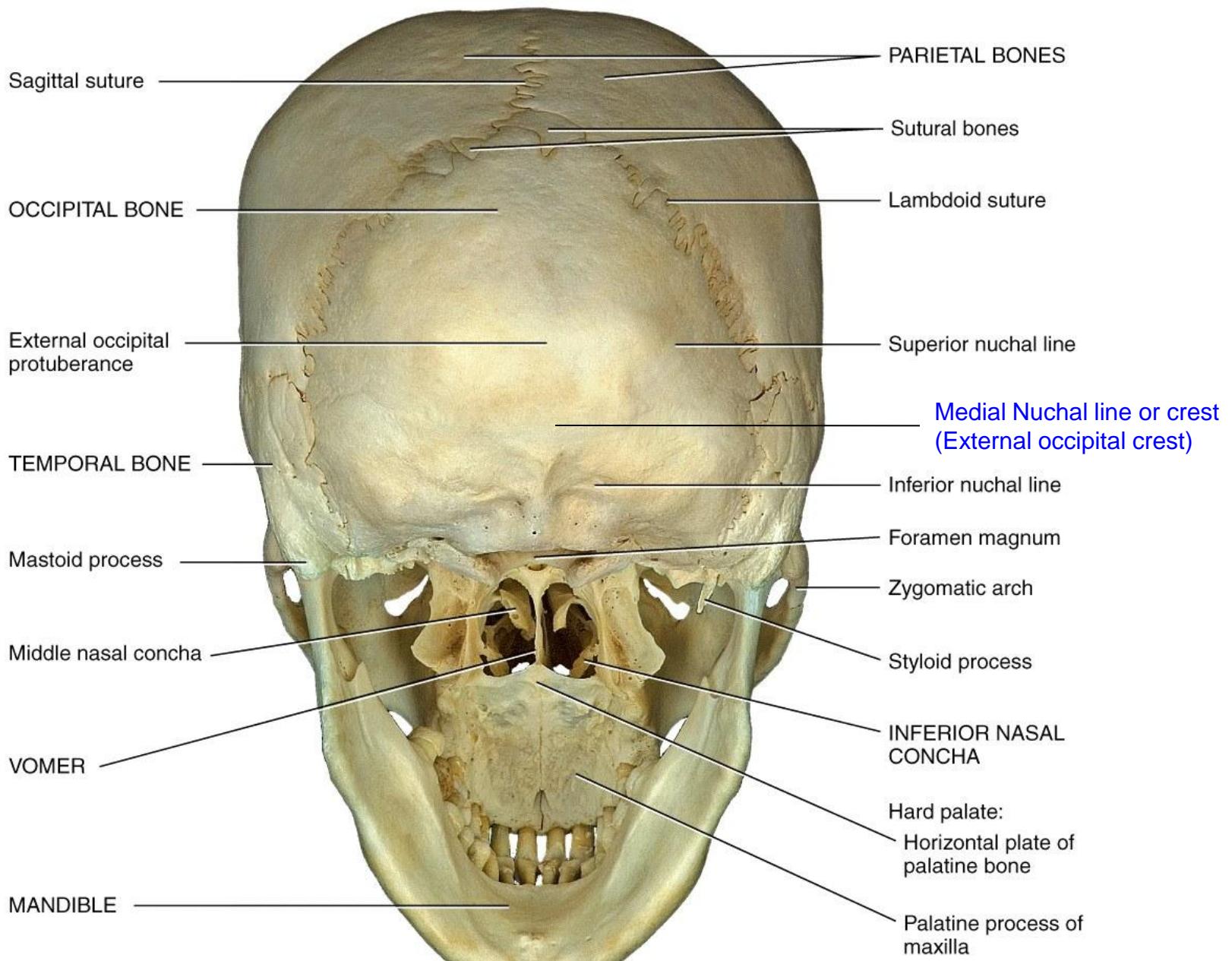
Anterior  
cranial  
fossa

Middle  
cranial  
fossa

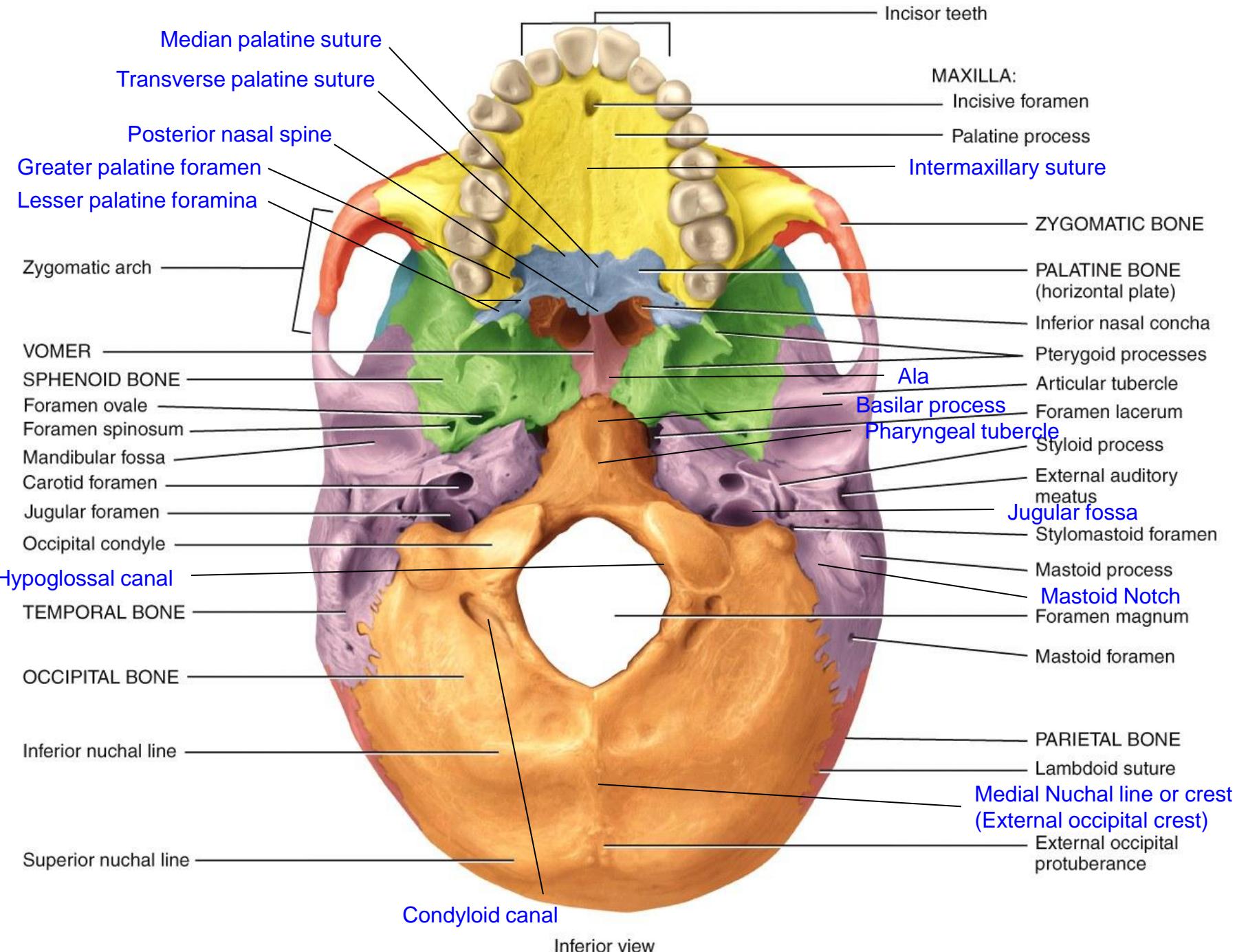
Posterior  
cranial  
fossa

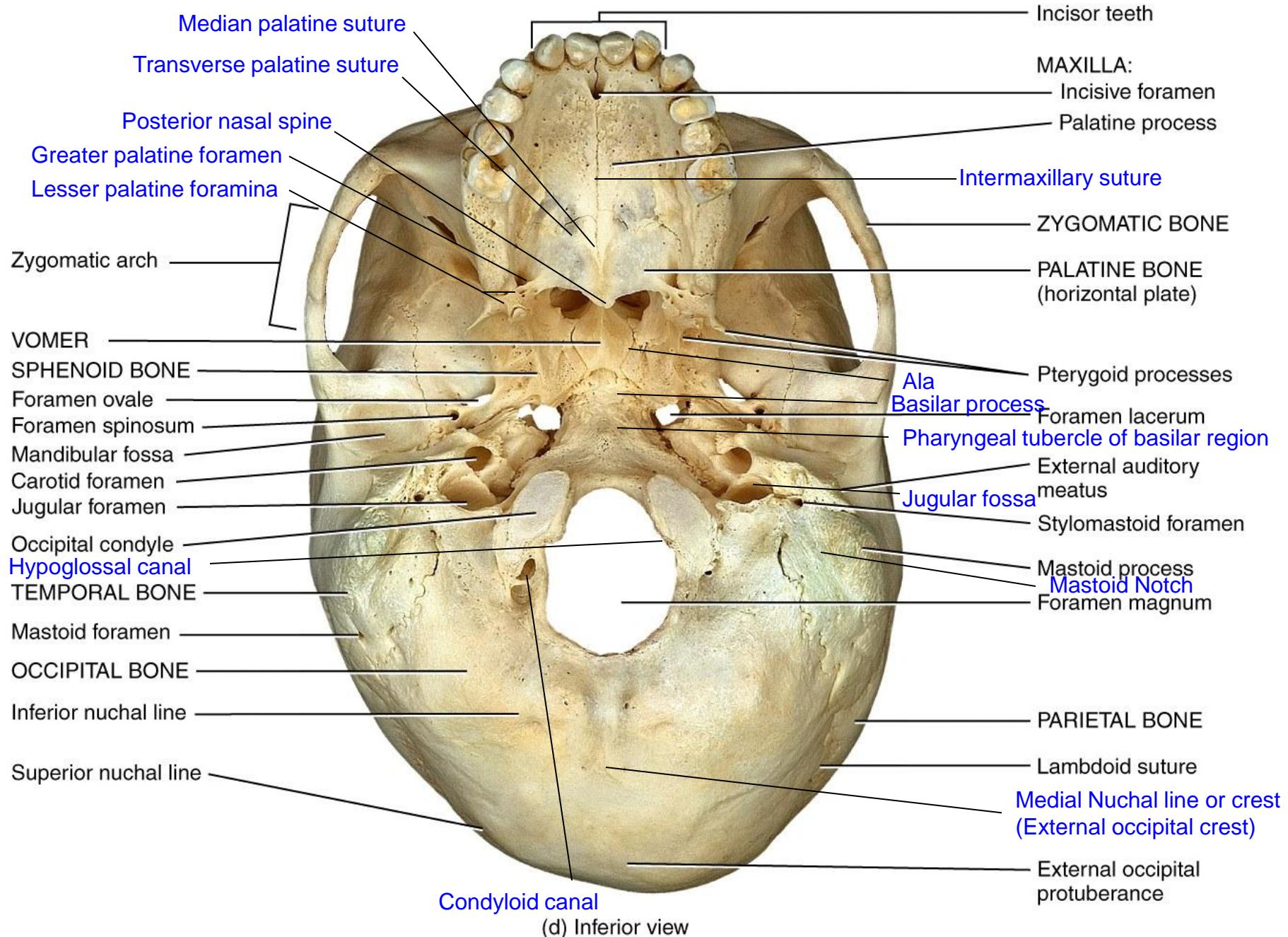
Superior view of floor of cranium



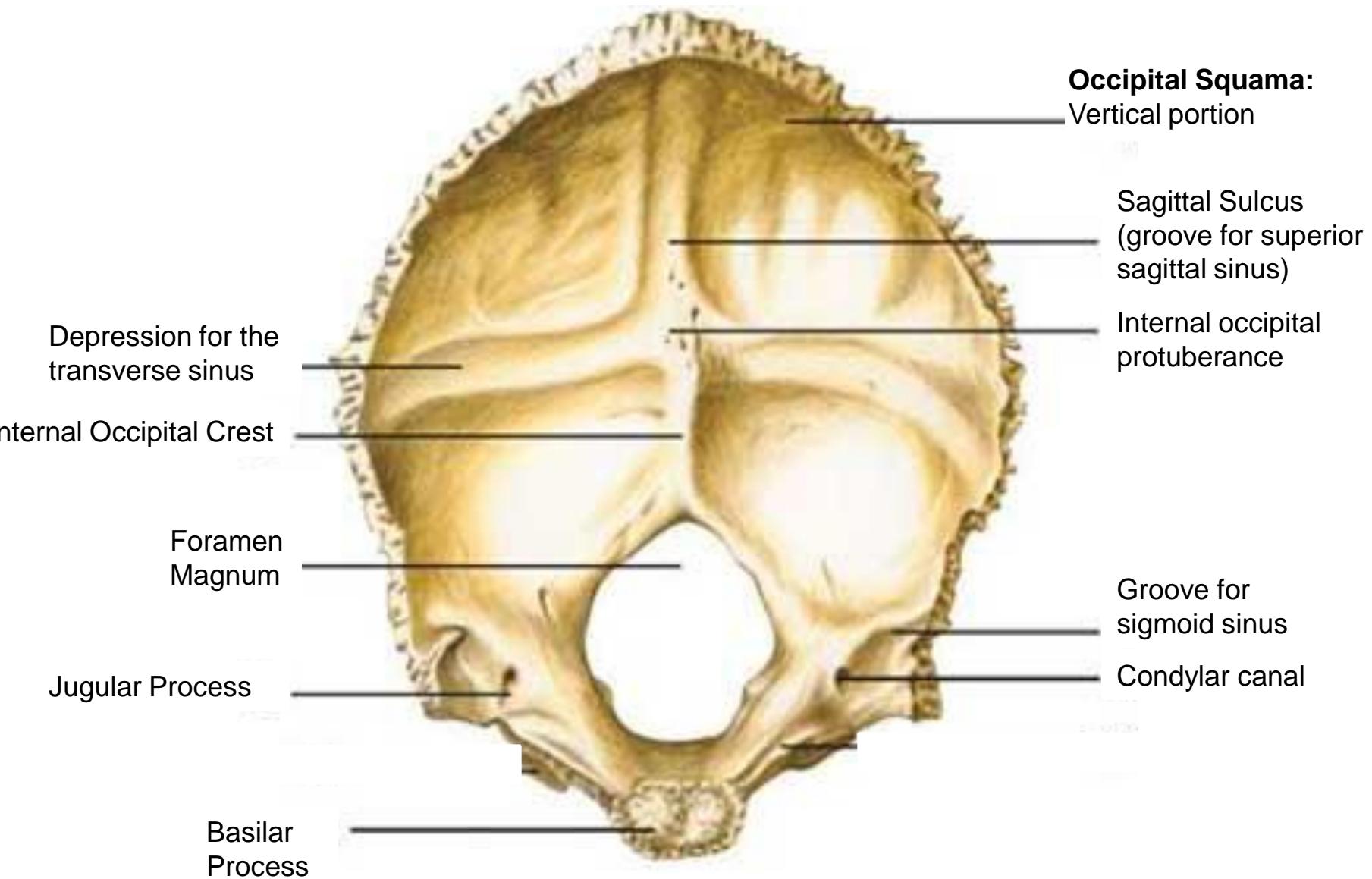


(b) Posteroinferior view

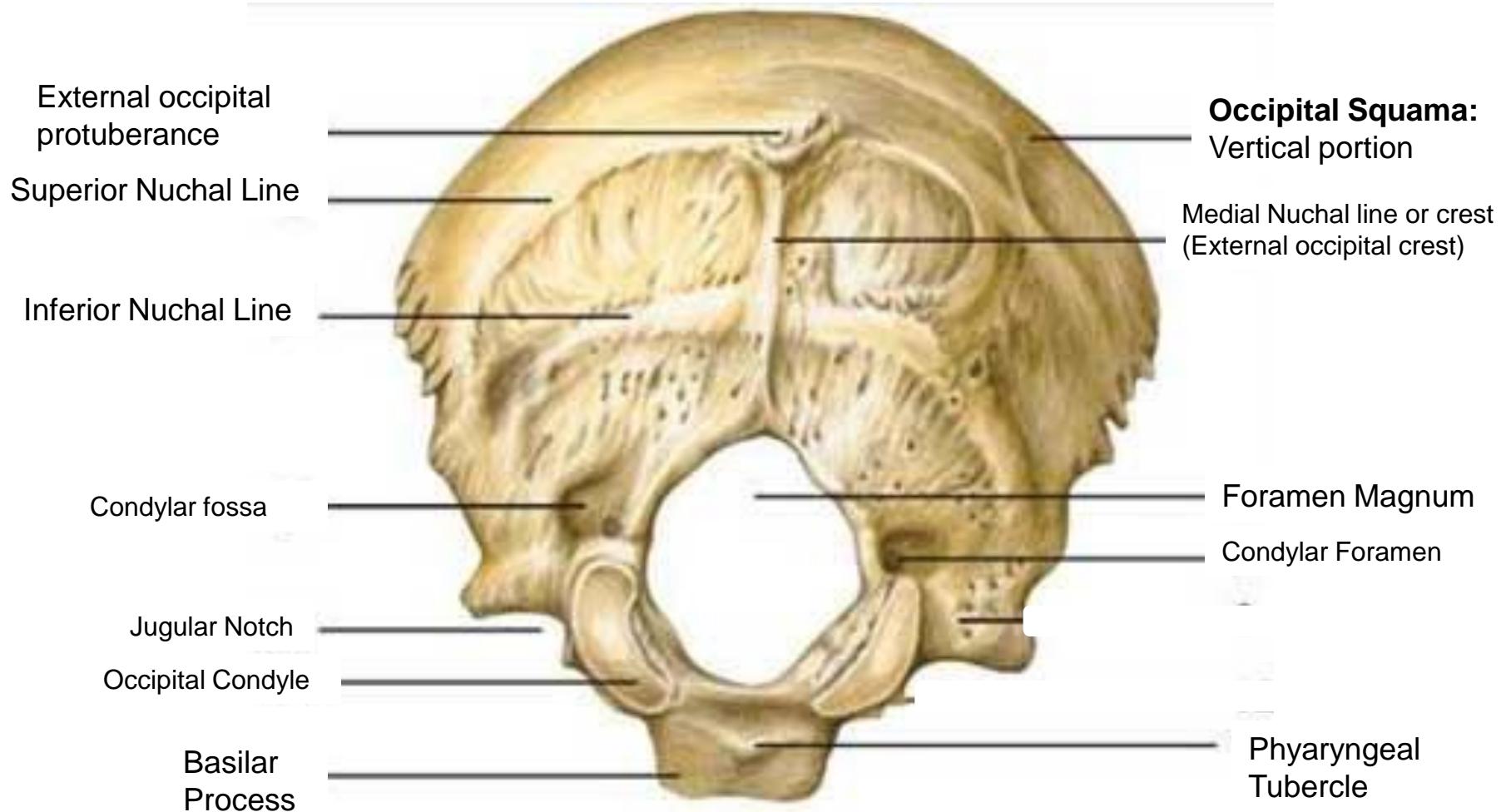




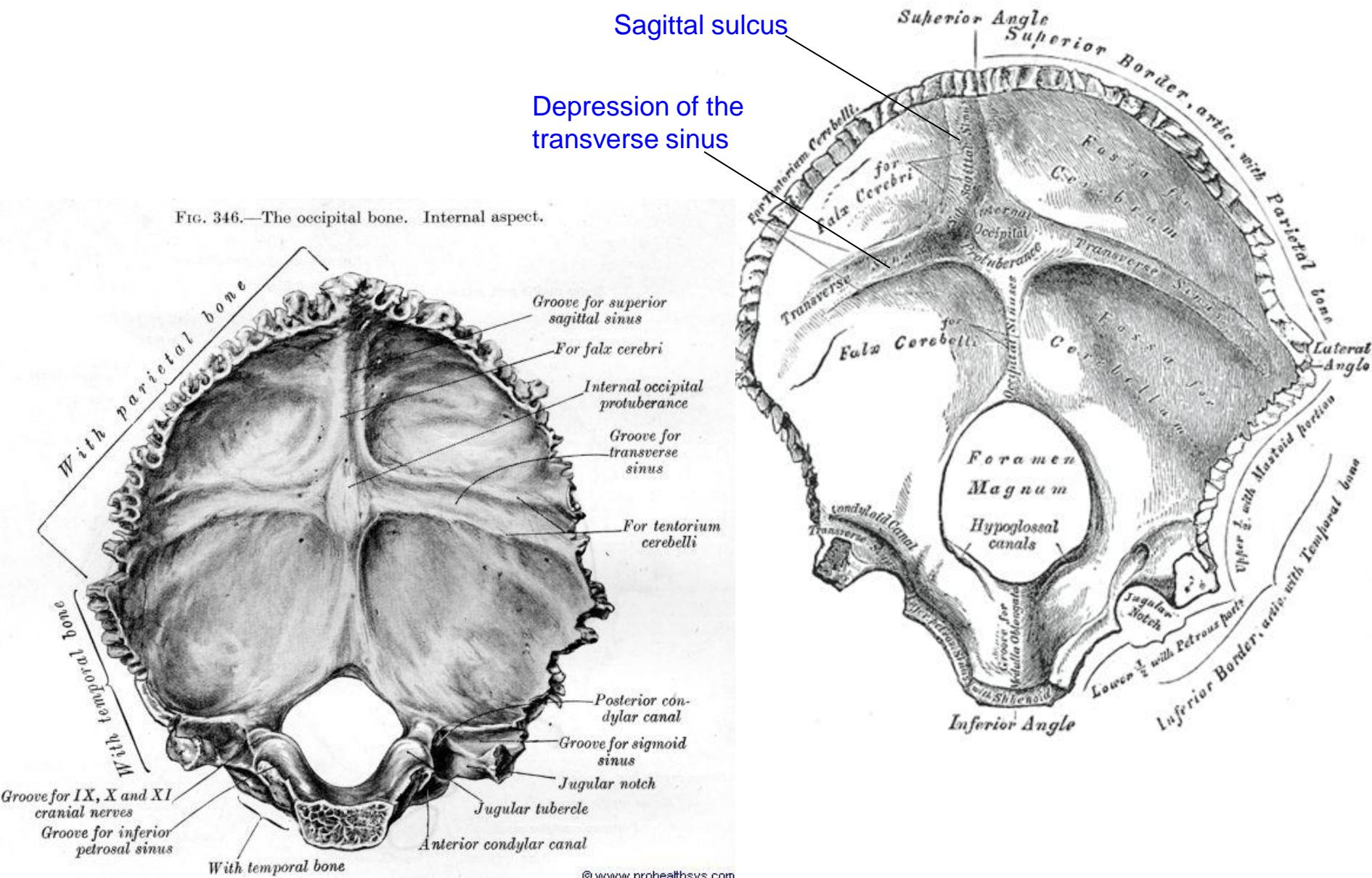
# Occipital Bone: Internal View



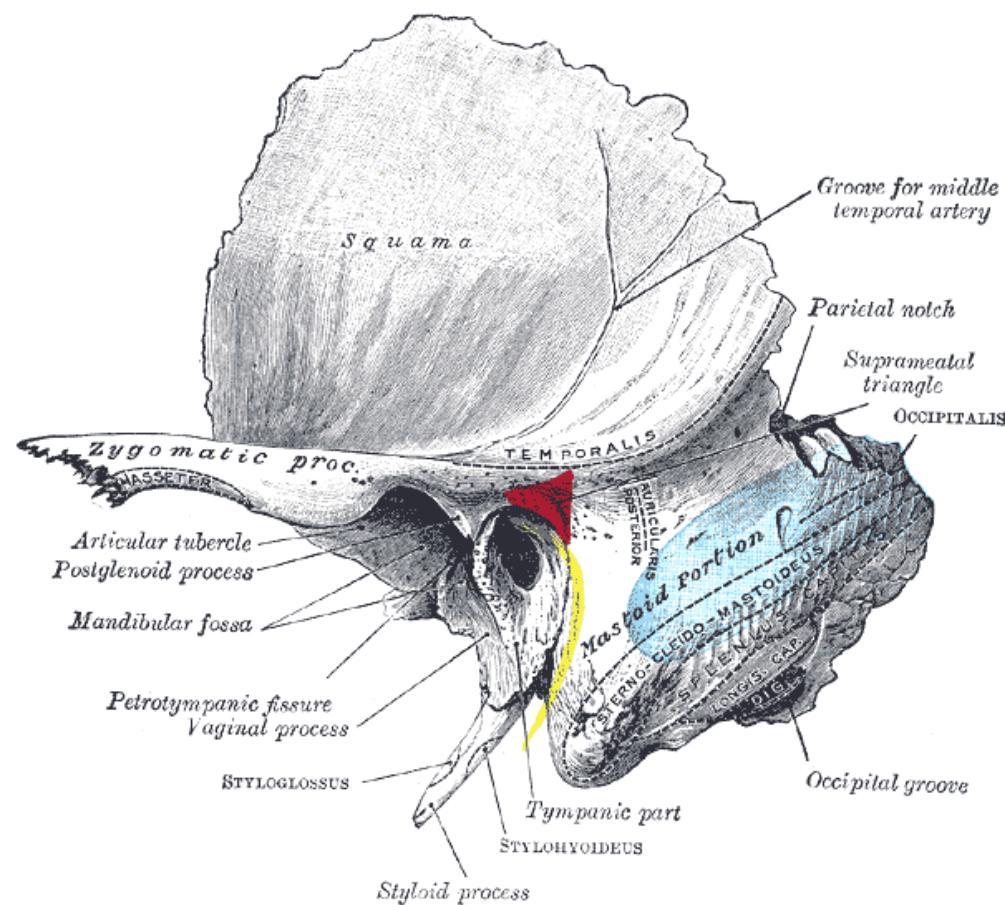
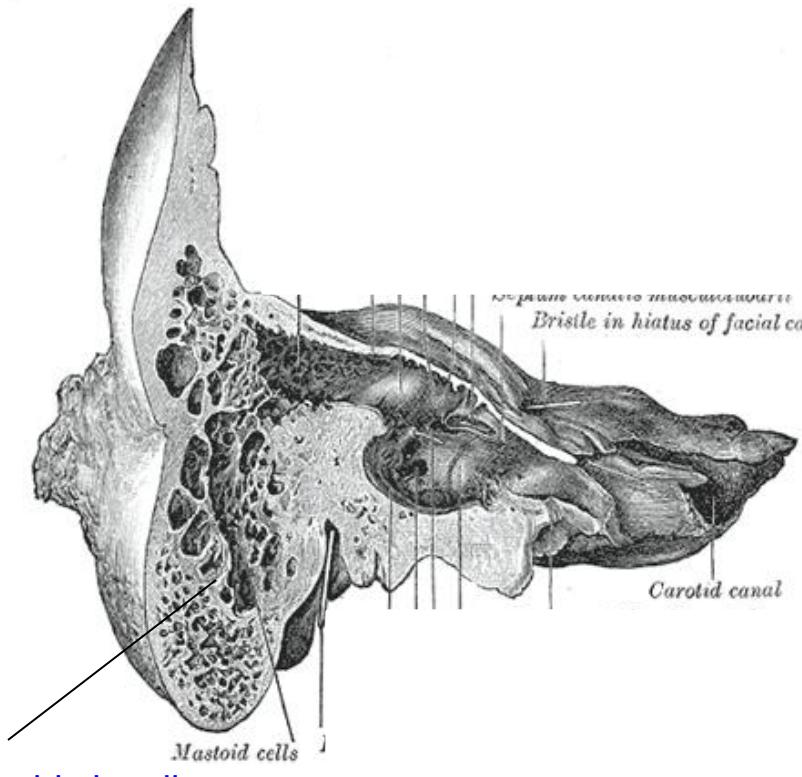
# Occipital Bone: External View



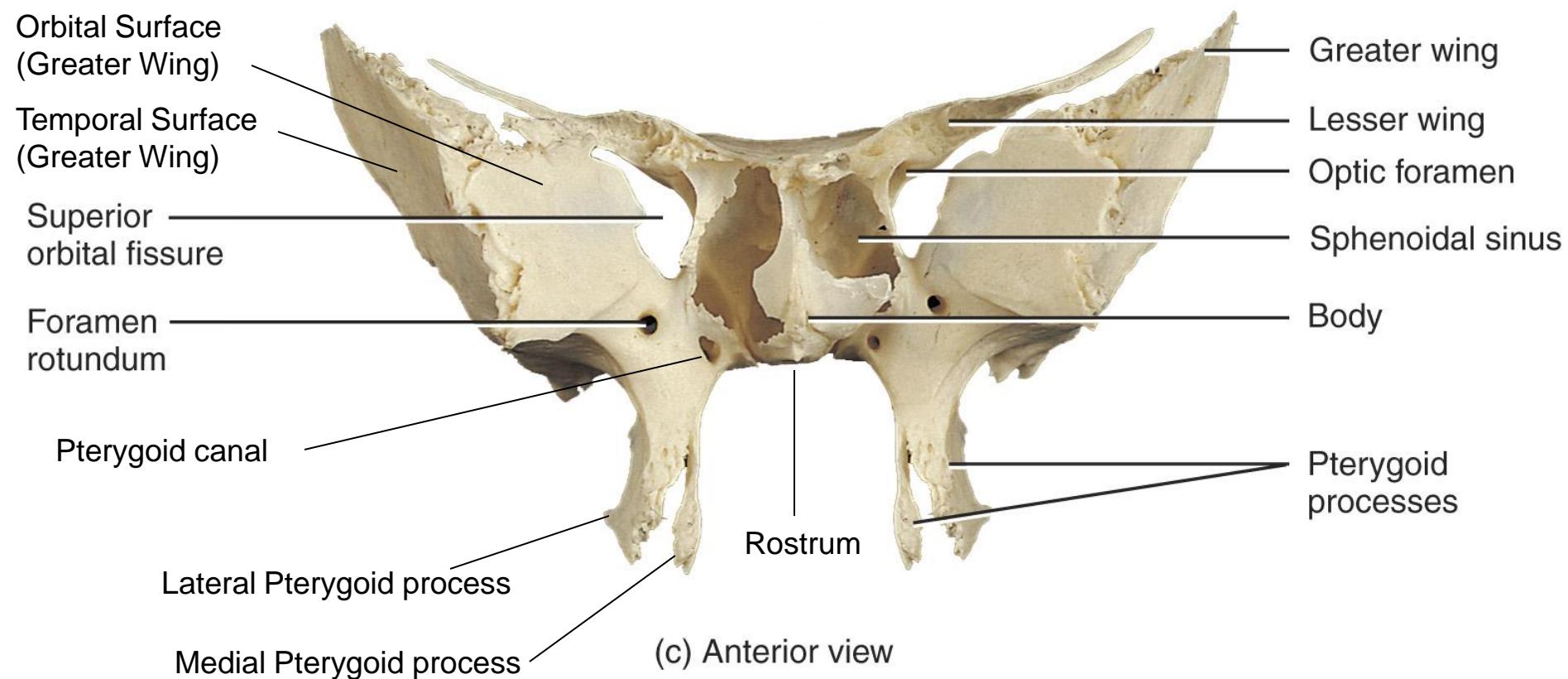
# **Occipital Bone**



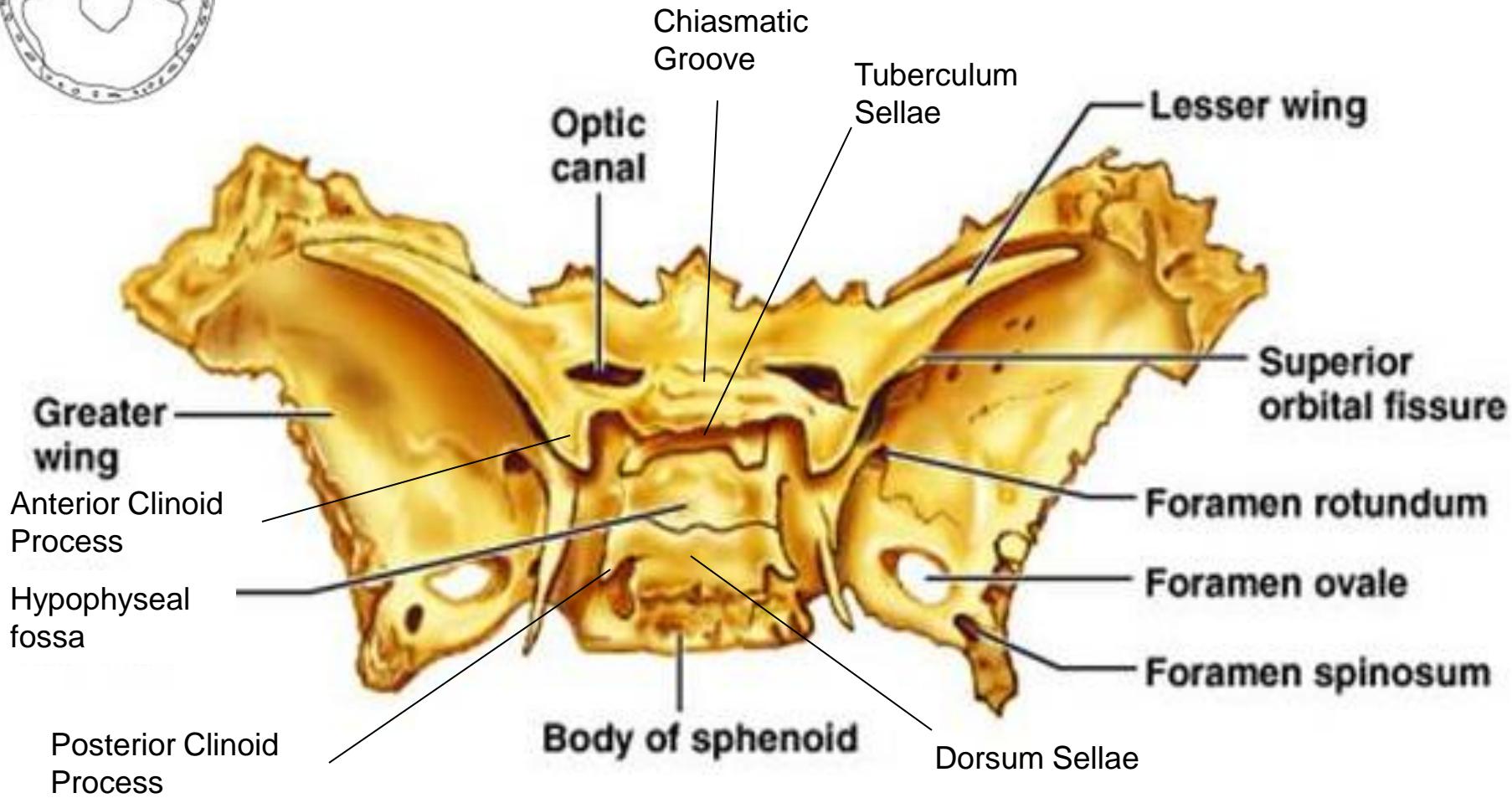
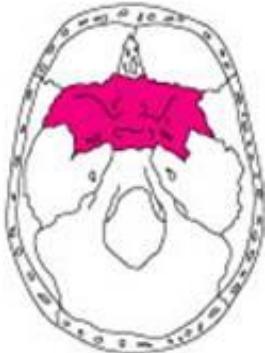
# Temporal Bone

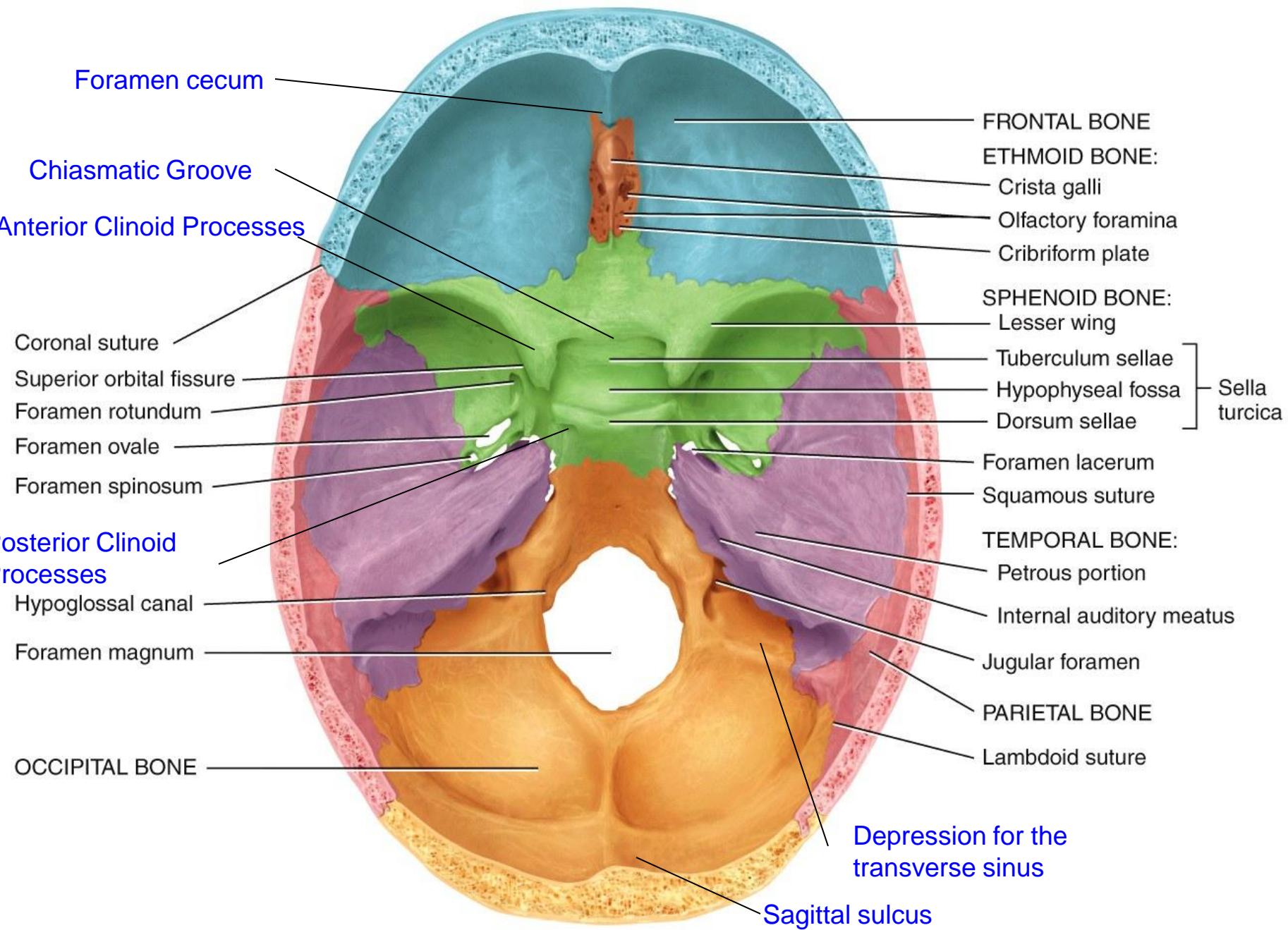


# Sphenoid Bone: Anterior View



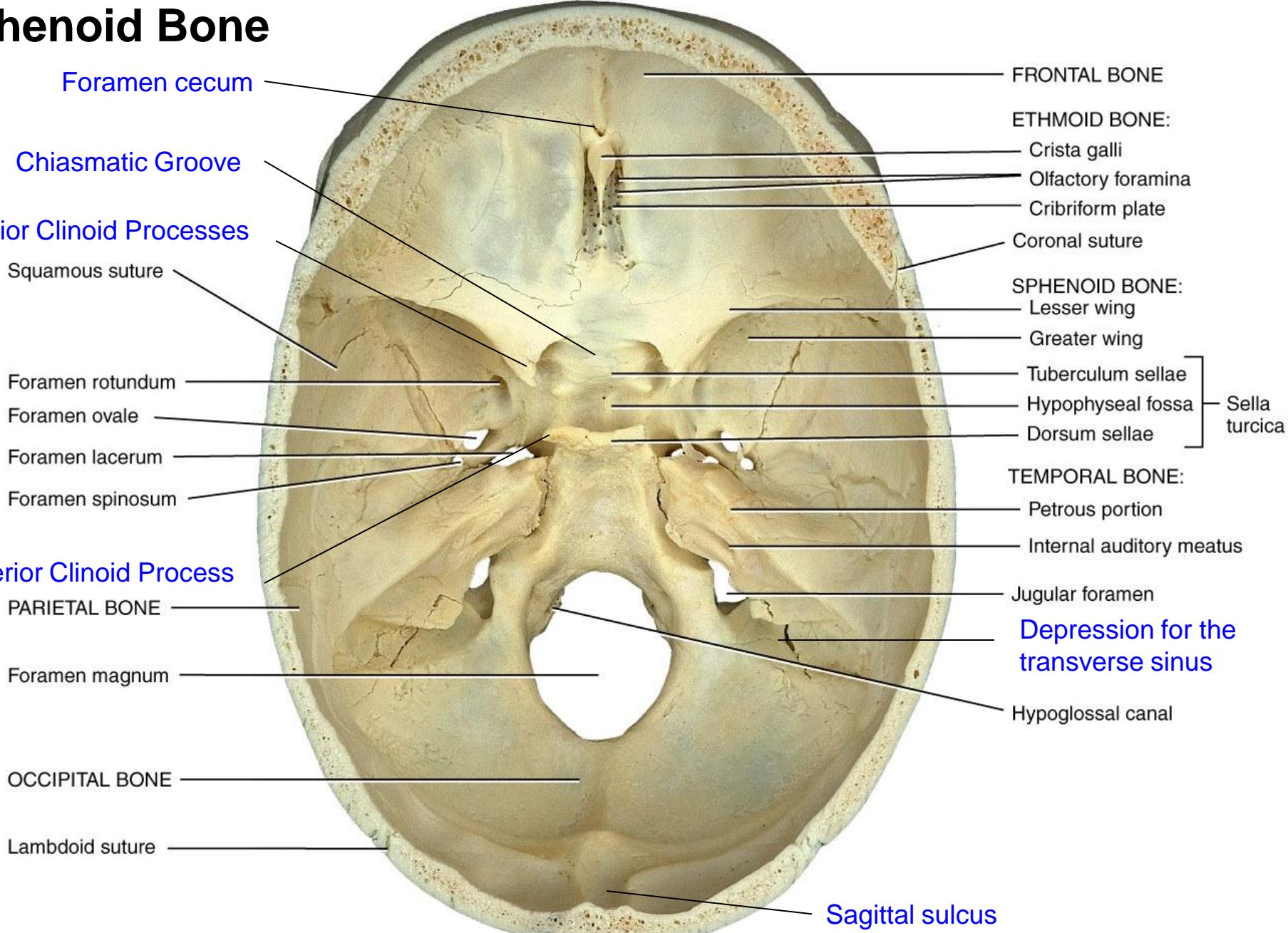
# Sphenoid Bone: Superior View





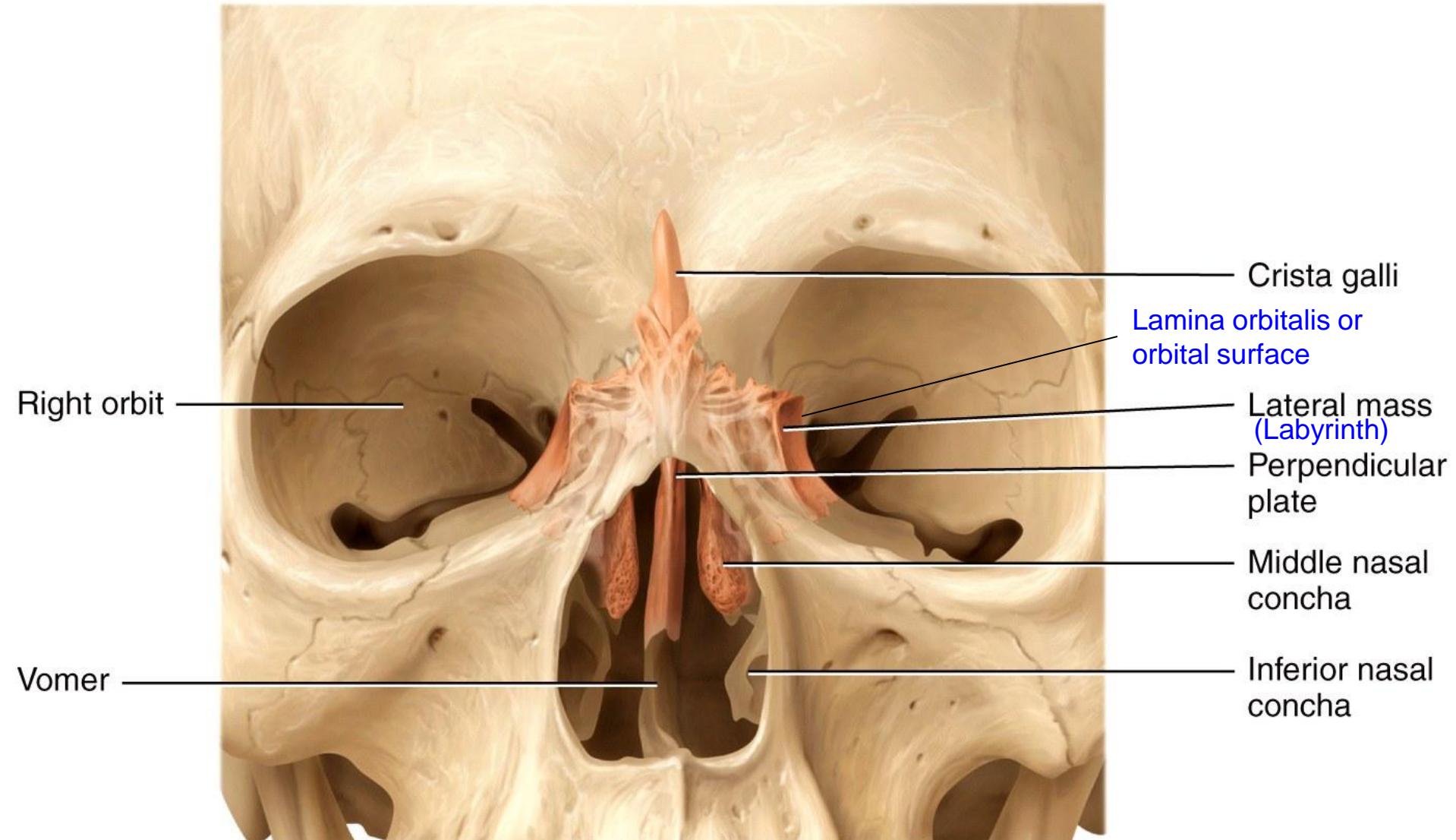
(a) Superior view of sphenoid bone in floor of cranium

# Sphenoid Bone



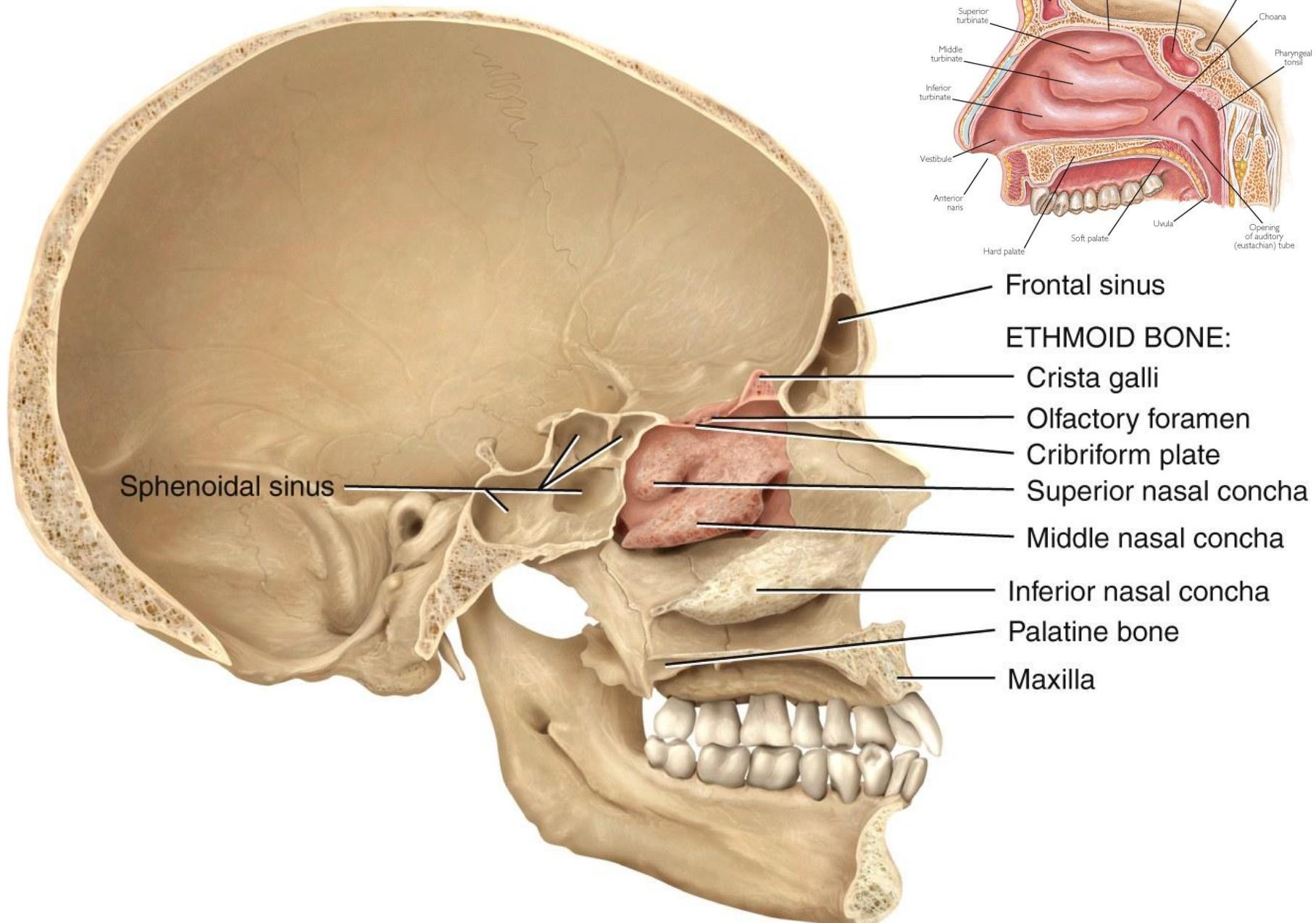
(b) Superior view

# Ethmoid Bone



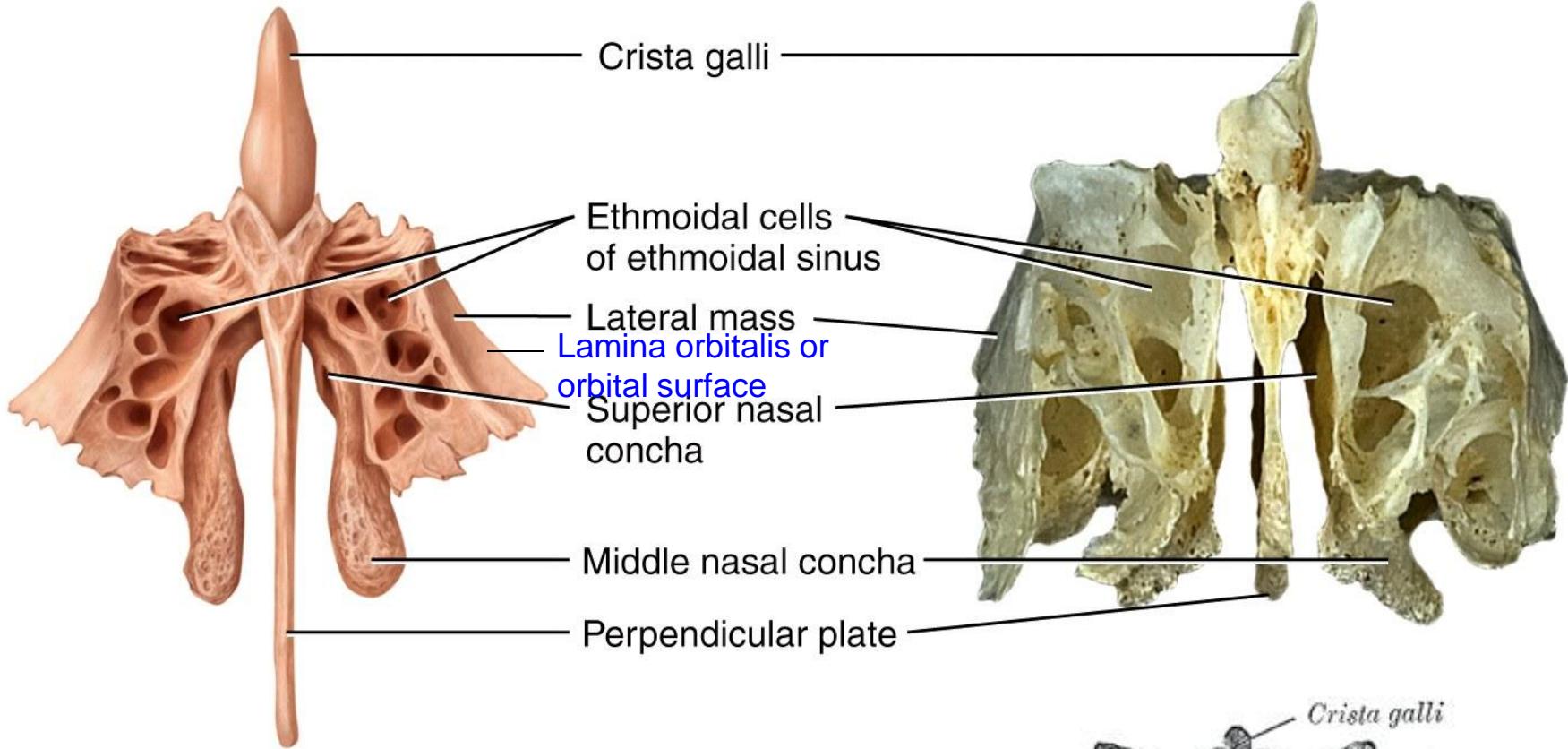
(d) Anterior view of position of ethmoid bone in skull  
(projected to the surface)

# Ethmoid Bone



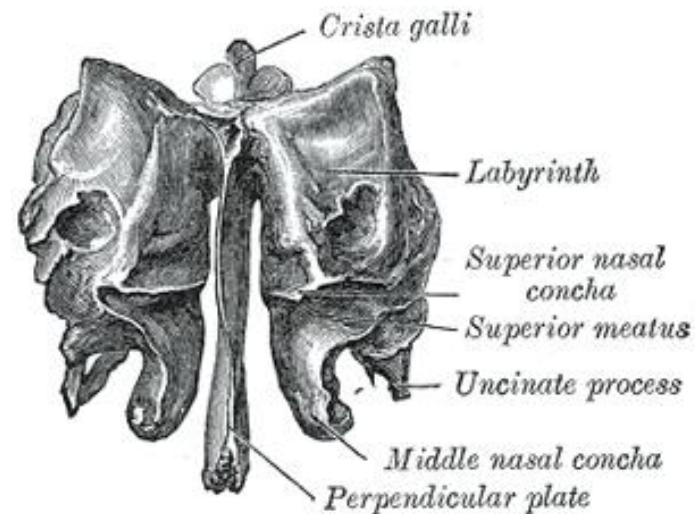
# Ethmoid Bone

SUPERIOR

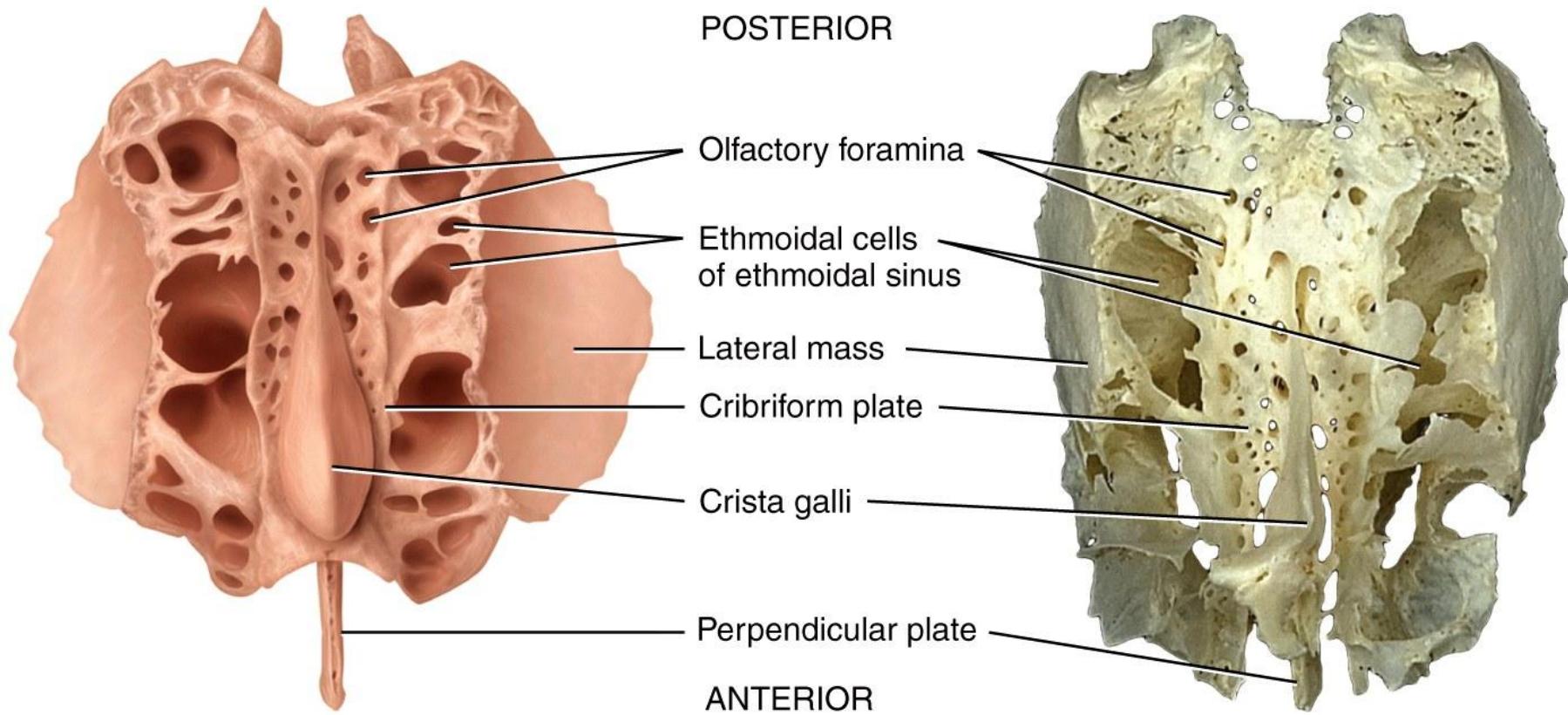


INFERIOR

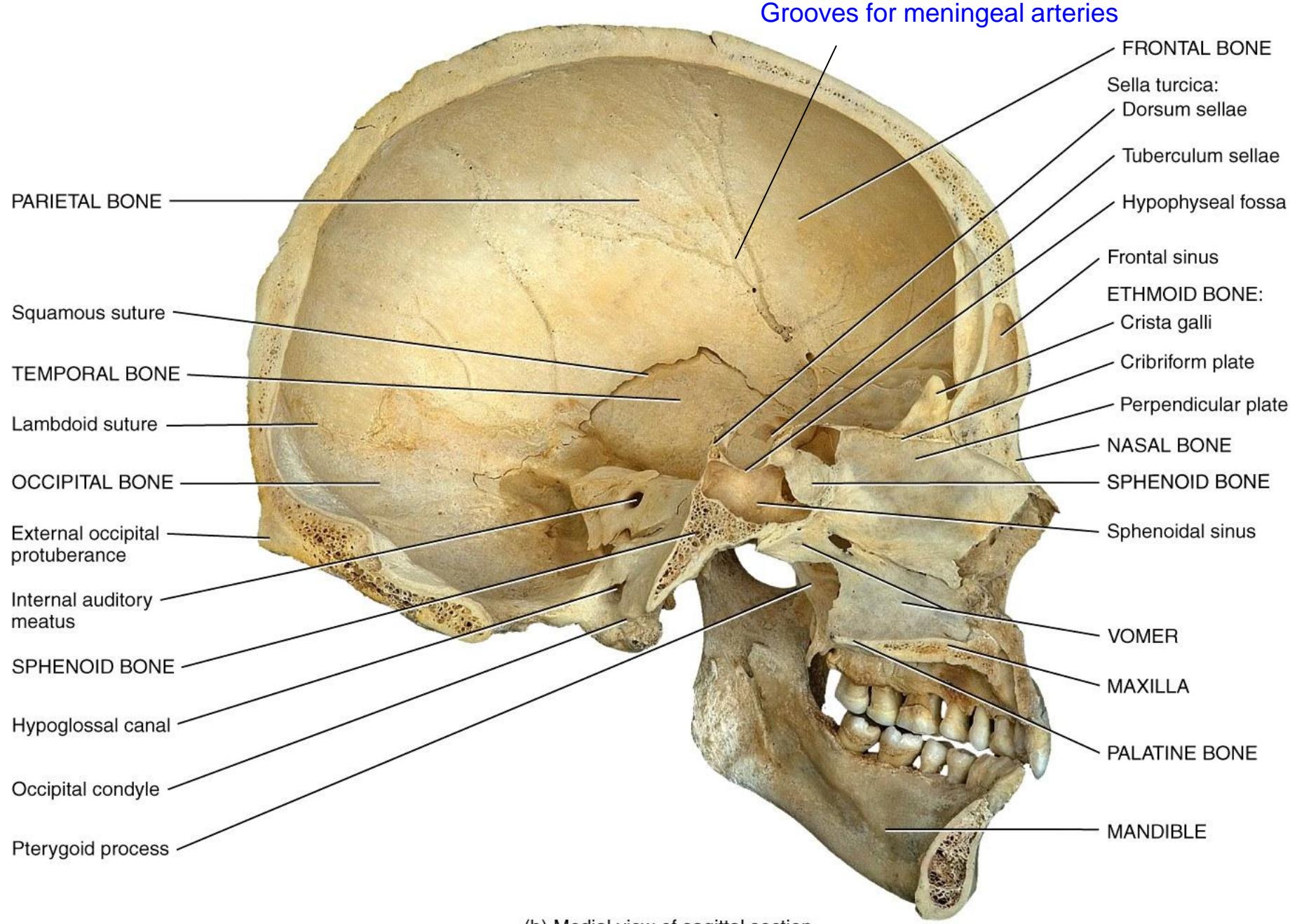
(c) Anterior view



# Ethmoid Bone

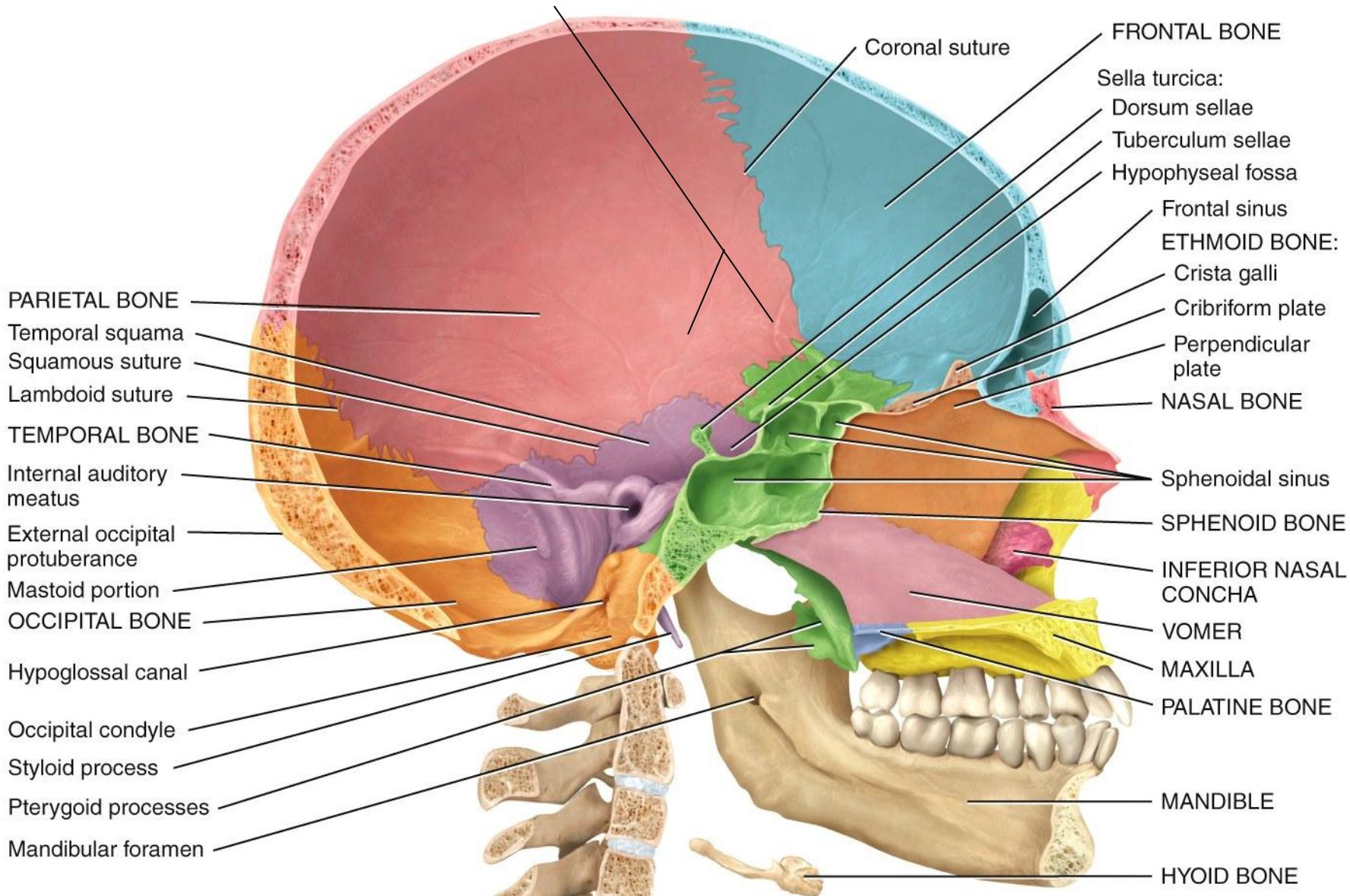


(b) Superior view

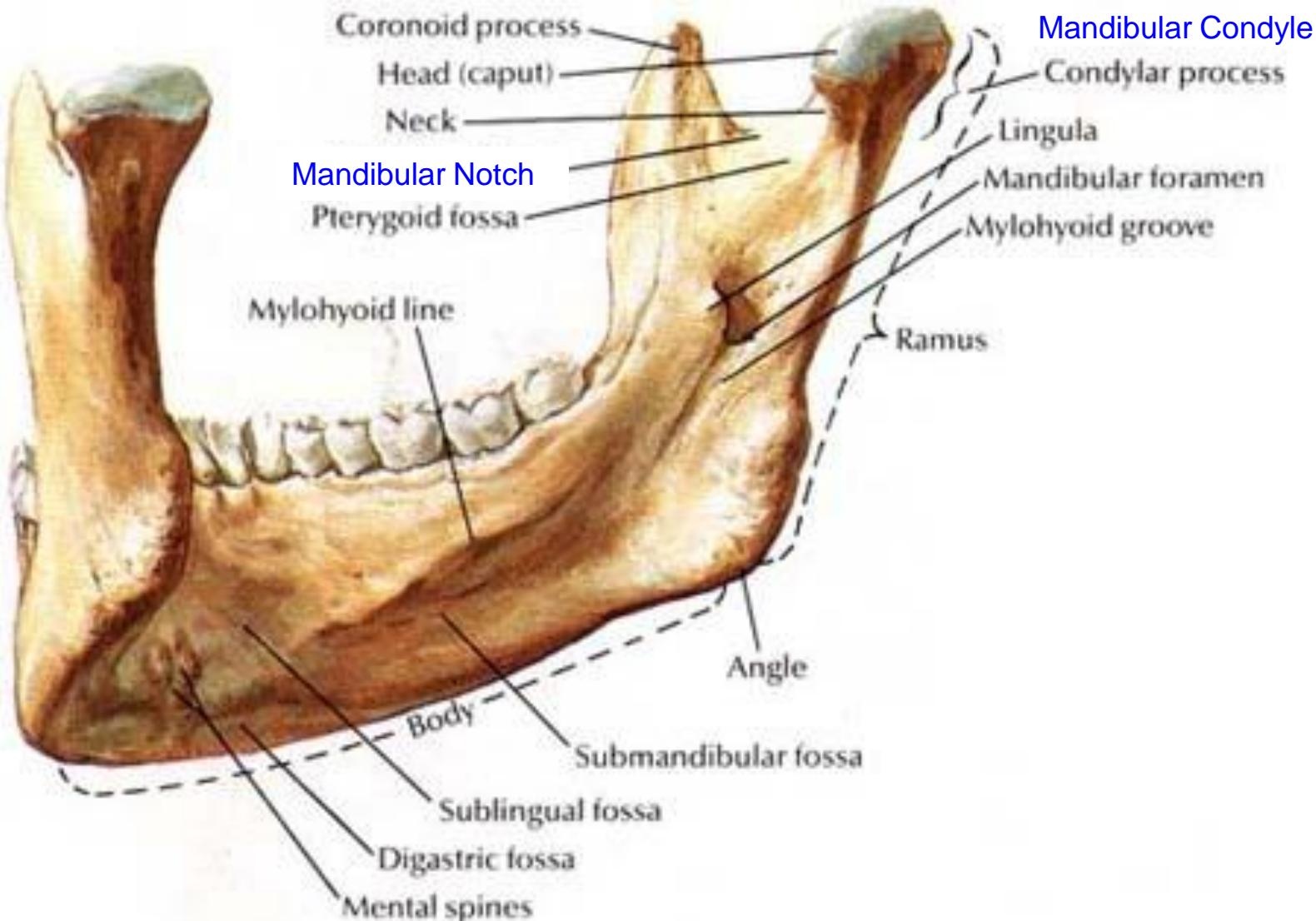


(b) Medial view of sagittal section

## Grooves for meningeal arteries

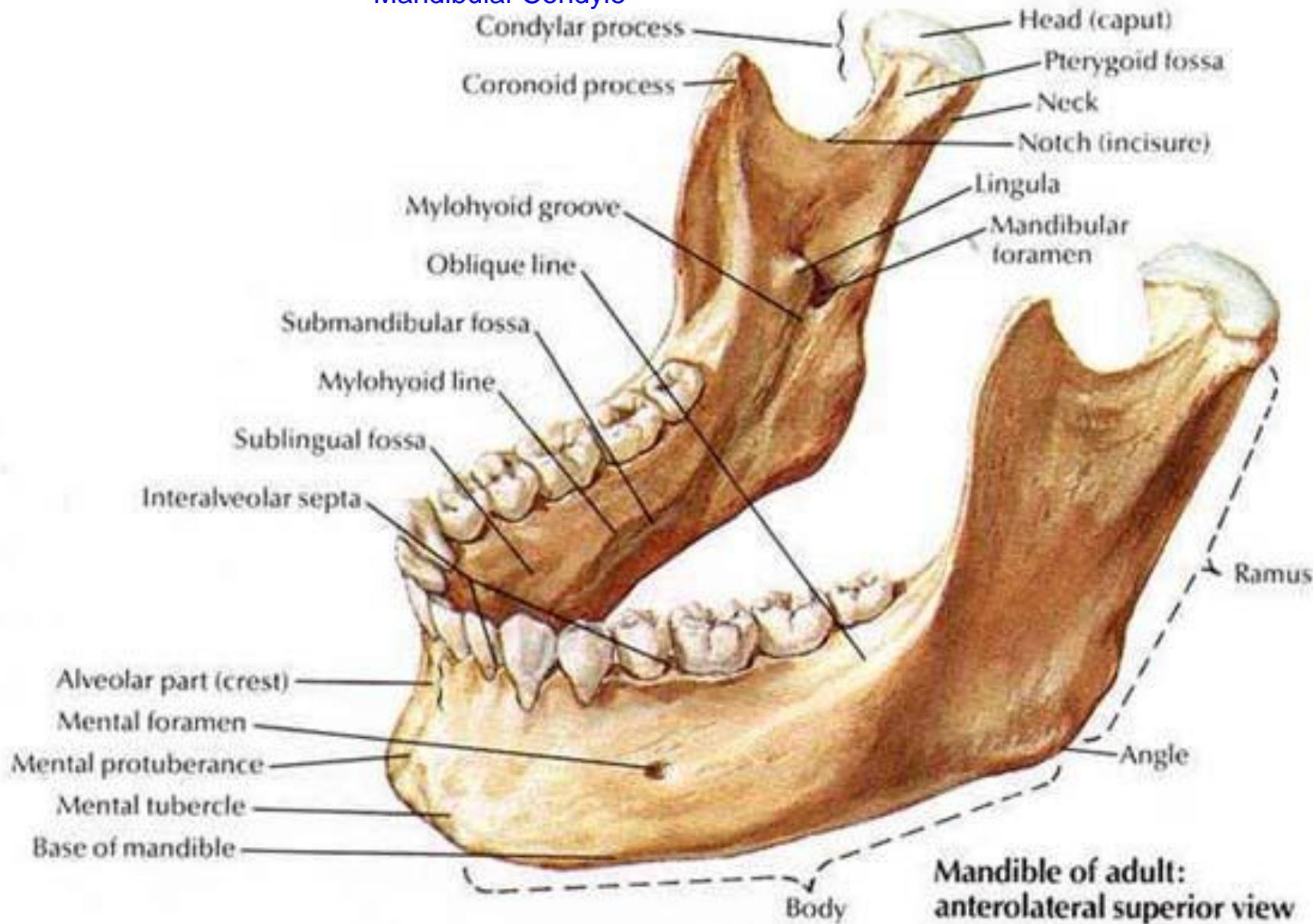


Medial view of sagittal section



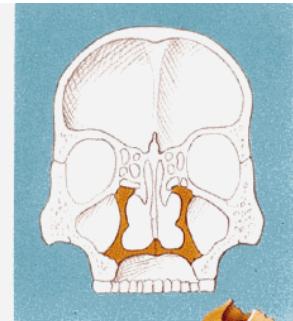
**Mandible of adult:  
left posterior view**

### Mandibular Condyle

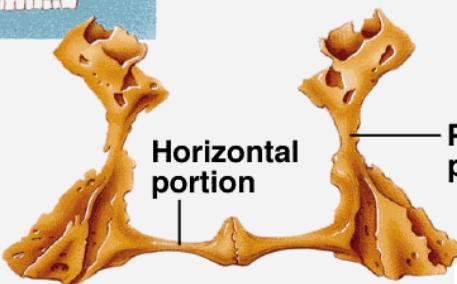


# Palatine Bones

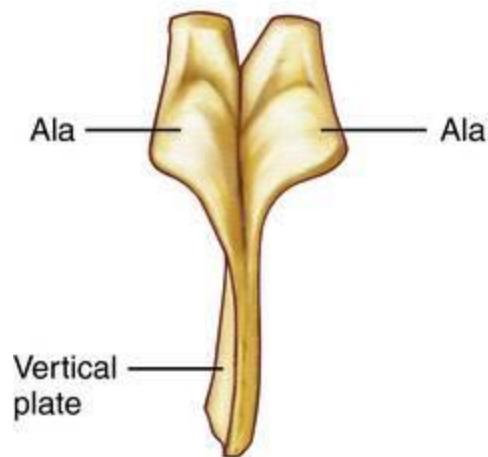
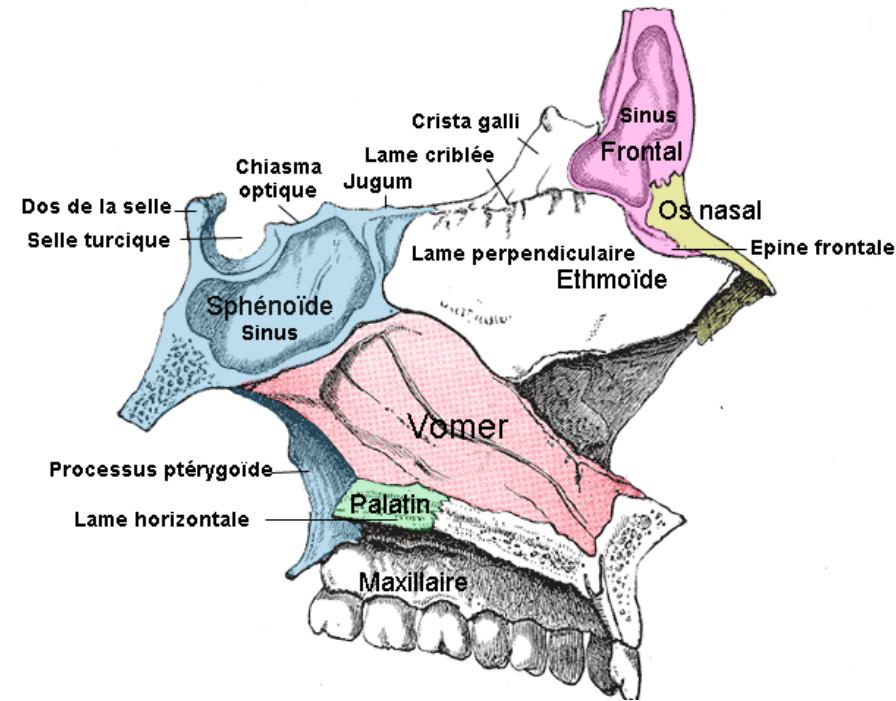
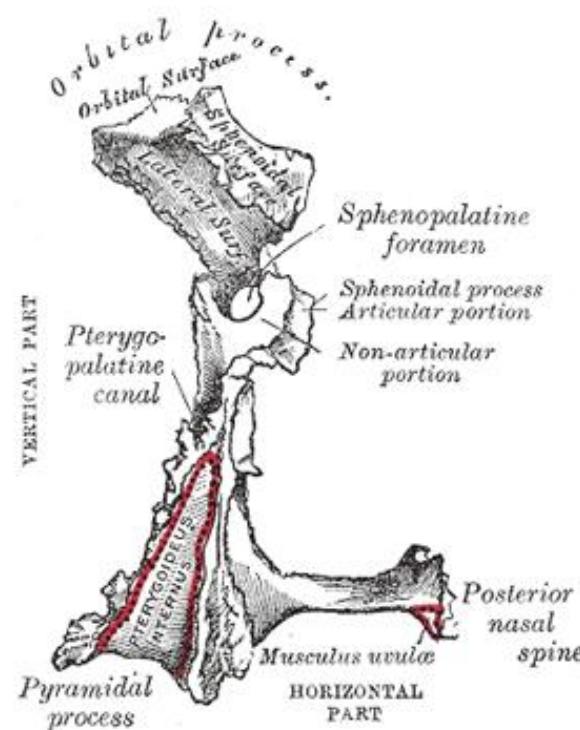
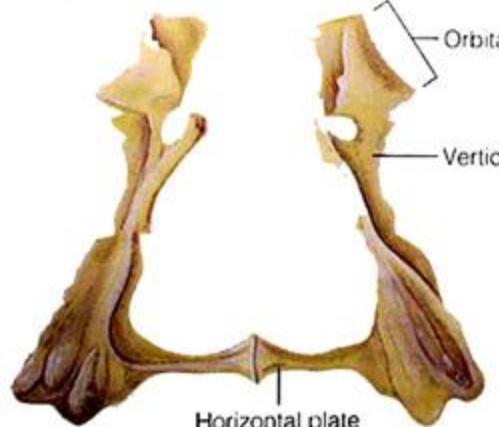
# Vomer



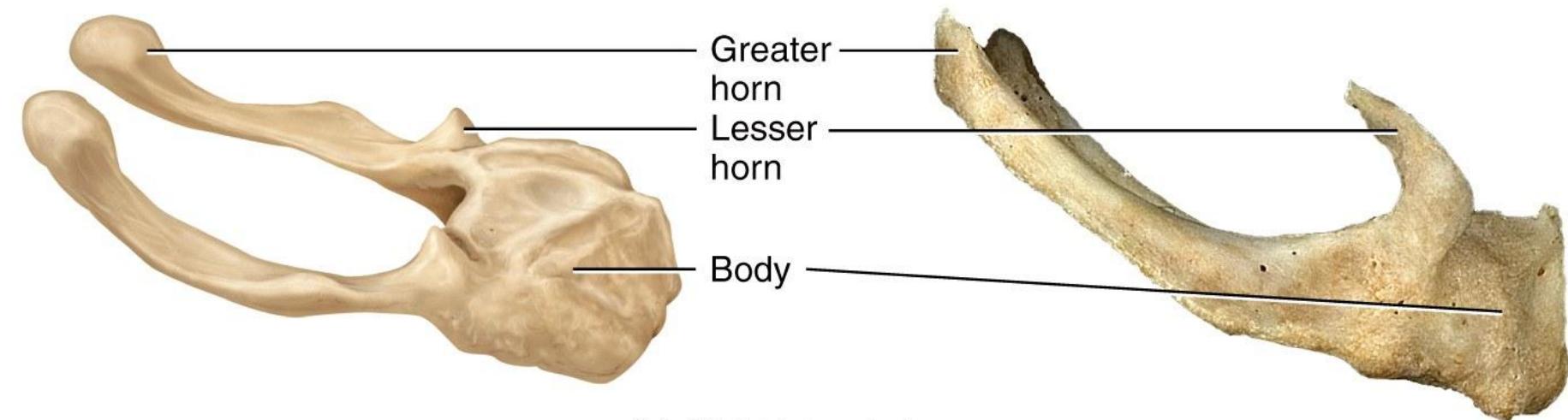
Palatine Bones



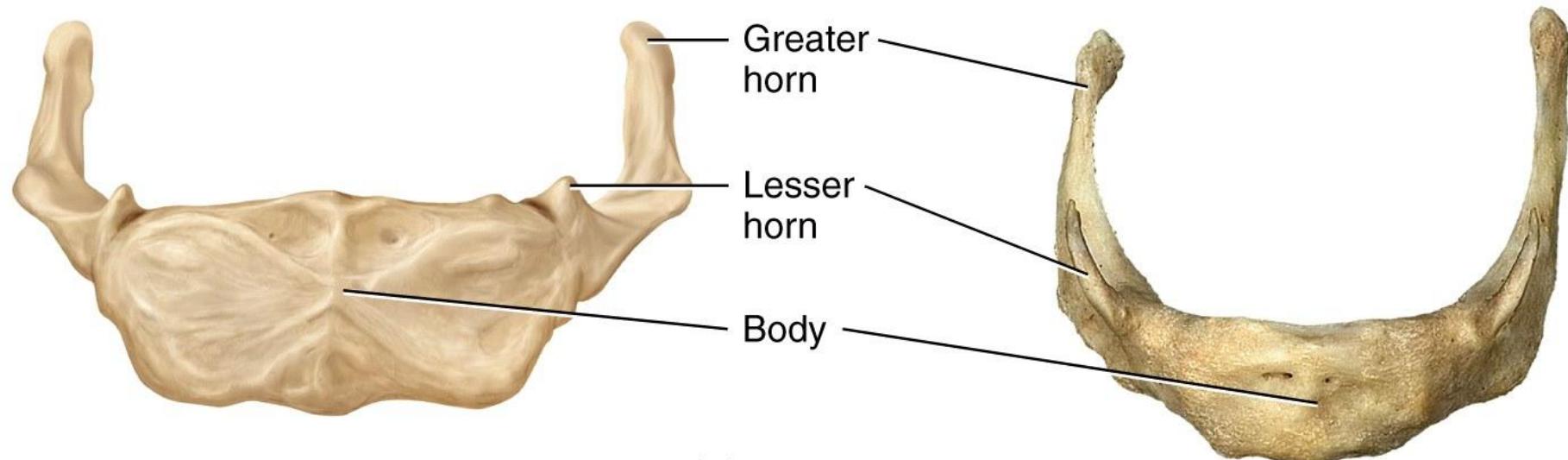
Coronal section



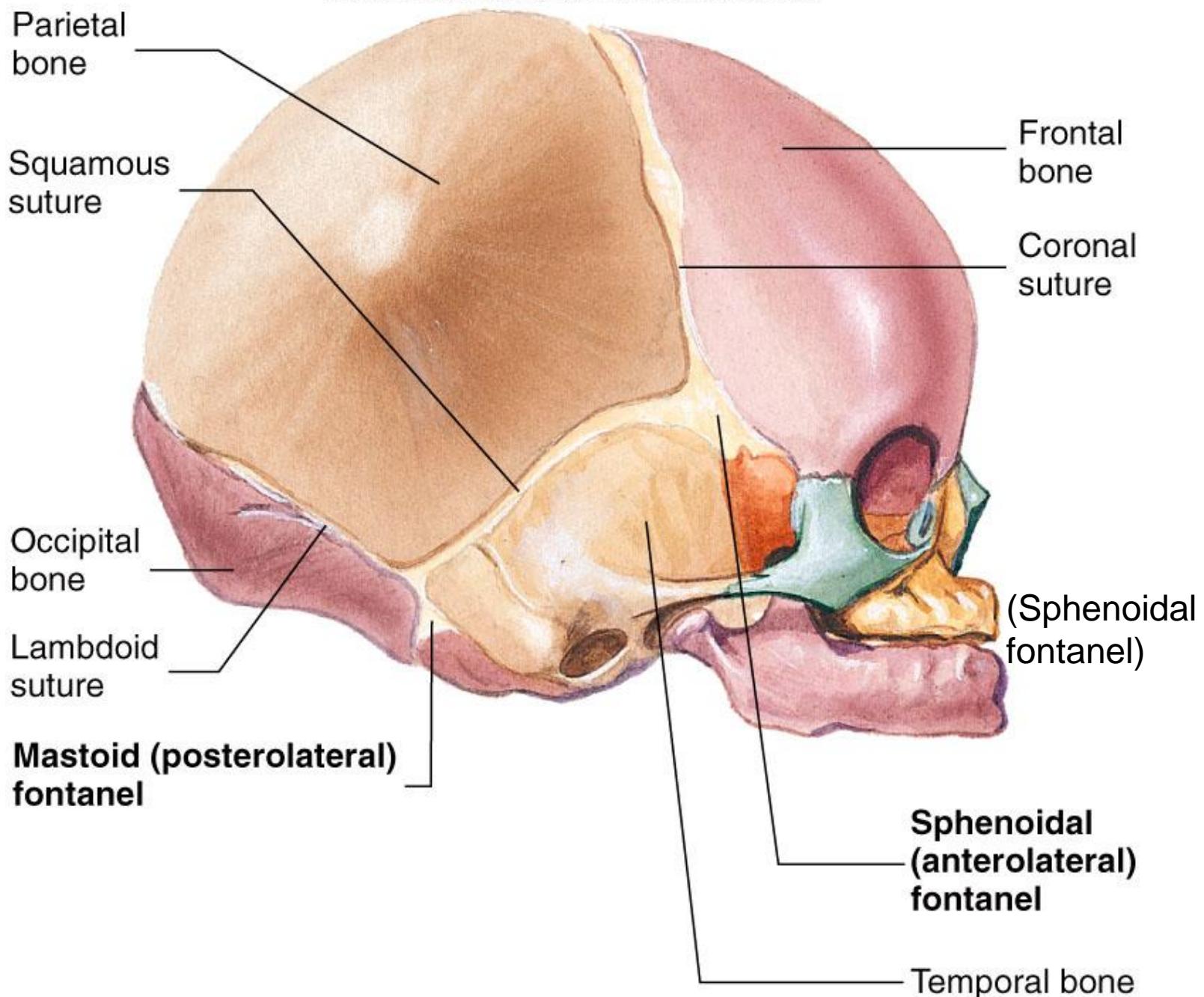
# Hyoid Bone



(c) Right lateral view



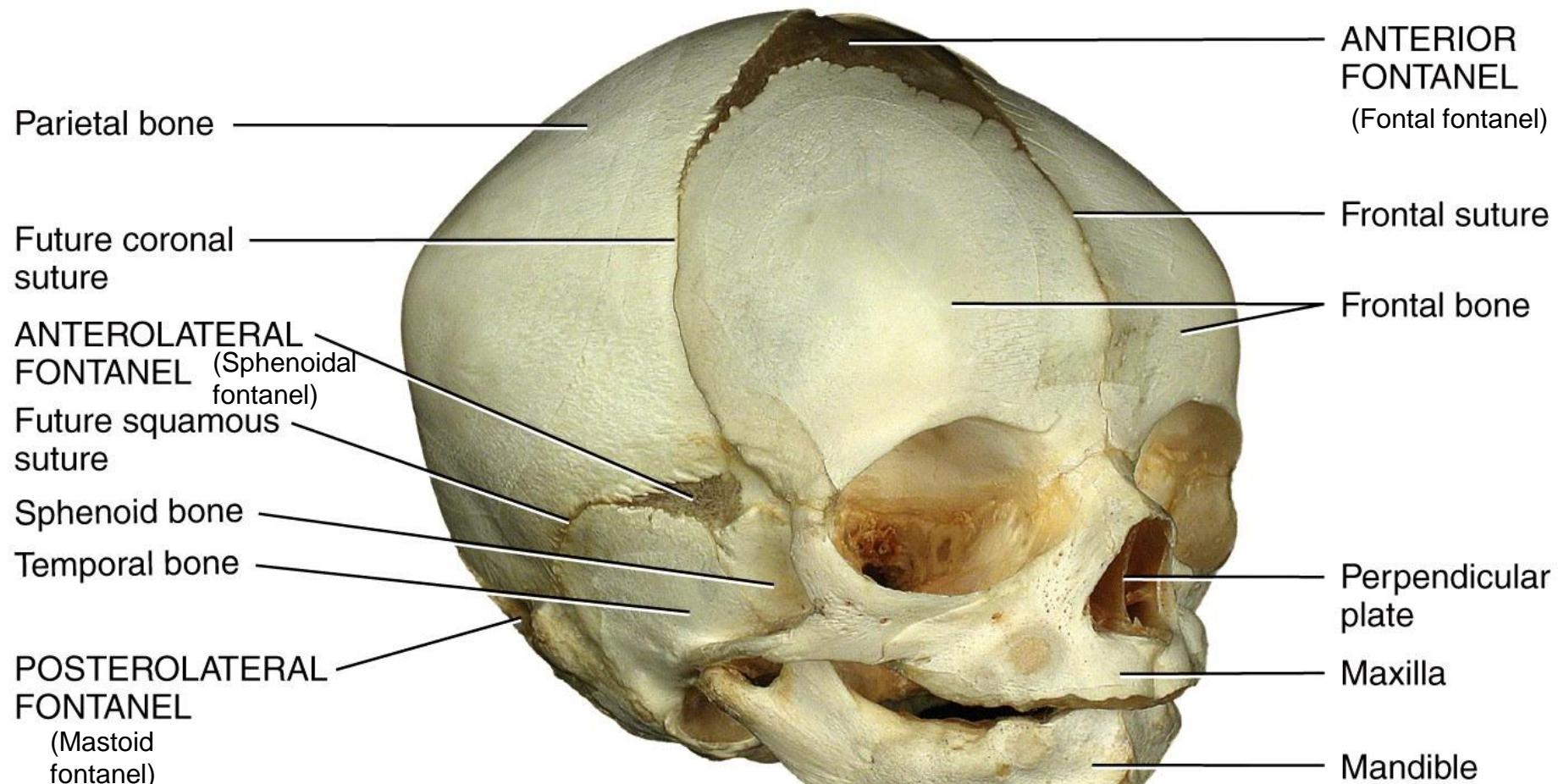
(b) Anterior view



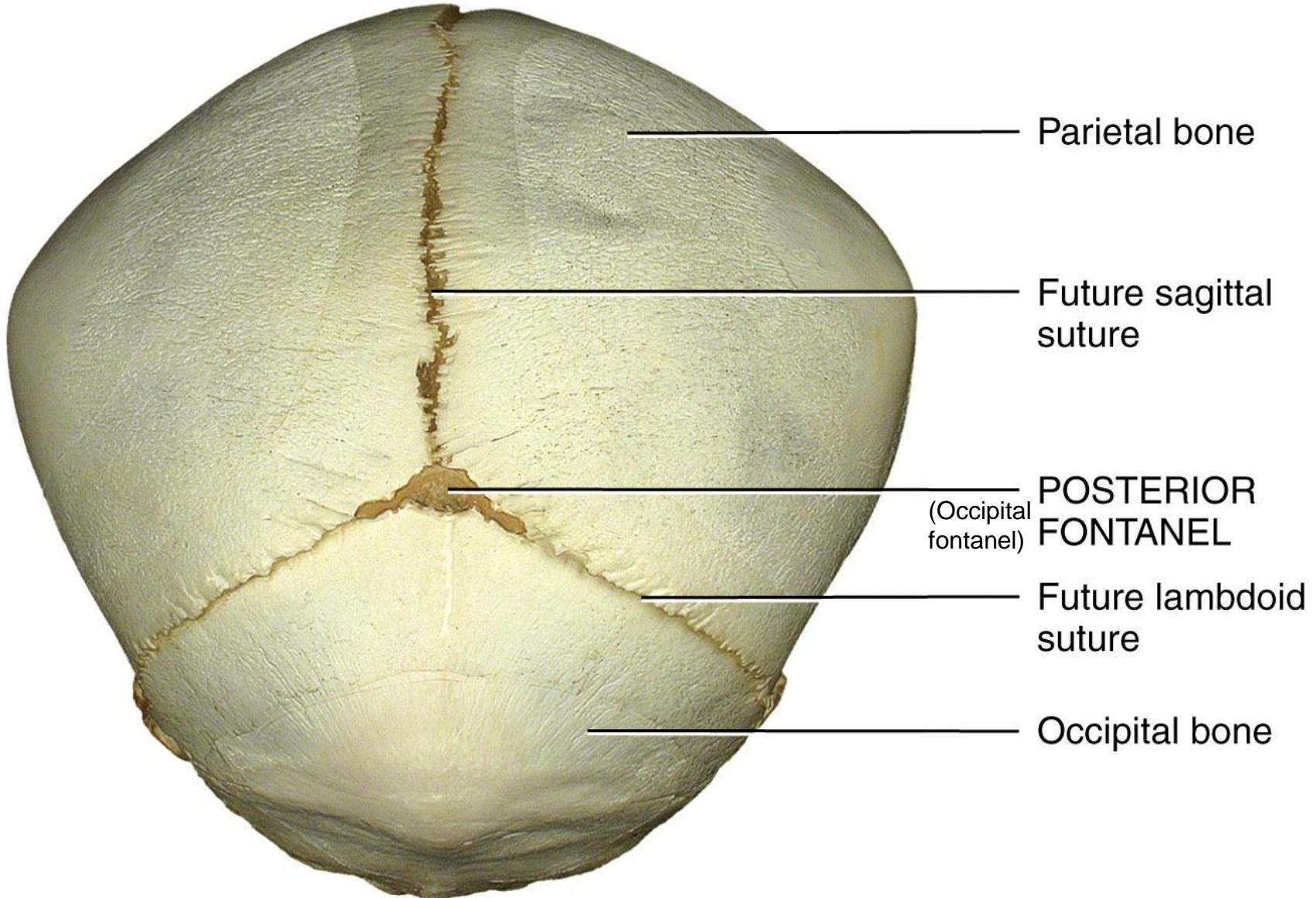
(a)

Lateral view

# Fetal Skull

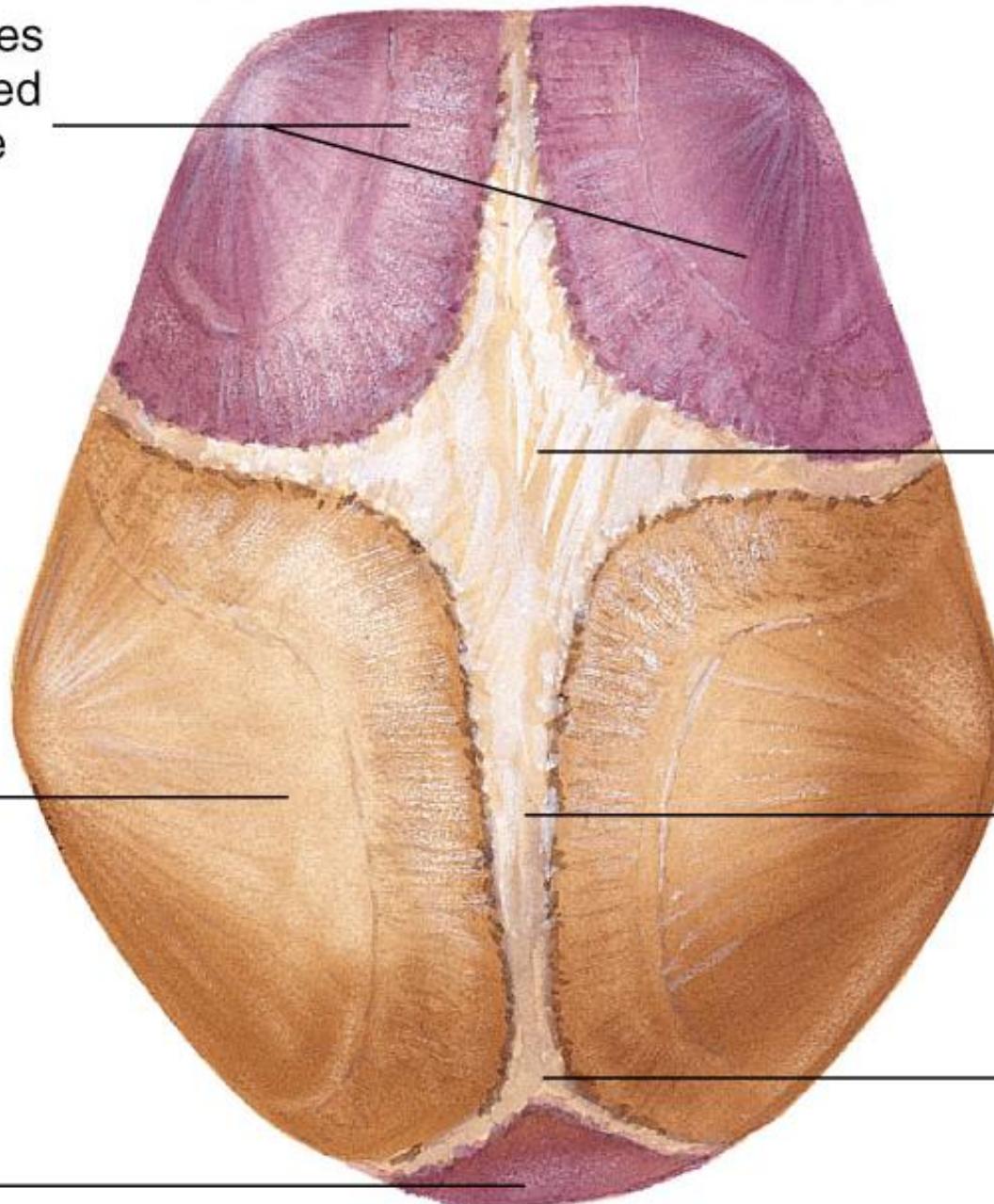


(b) Right anterolateral view



(c) Posterior view

Frontal bones  
(not yet fused  
into a single  
bone)



Frontal  
(anterior)  
fontanel

Parietal  
bone

Sagittal  
suture

Occipital  
bone

Occipital  
(posterior)  
fontanel

(b)

Superior view