

In the name of God

1



Skeletal & Muscular systems

part 4

Skull

Axial skeleton

✓ Skull

■ Vertebral column

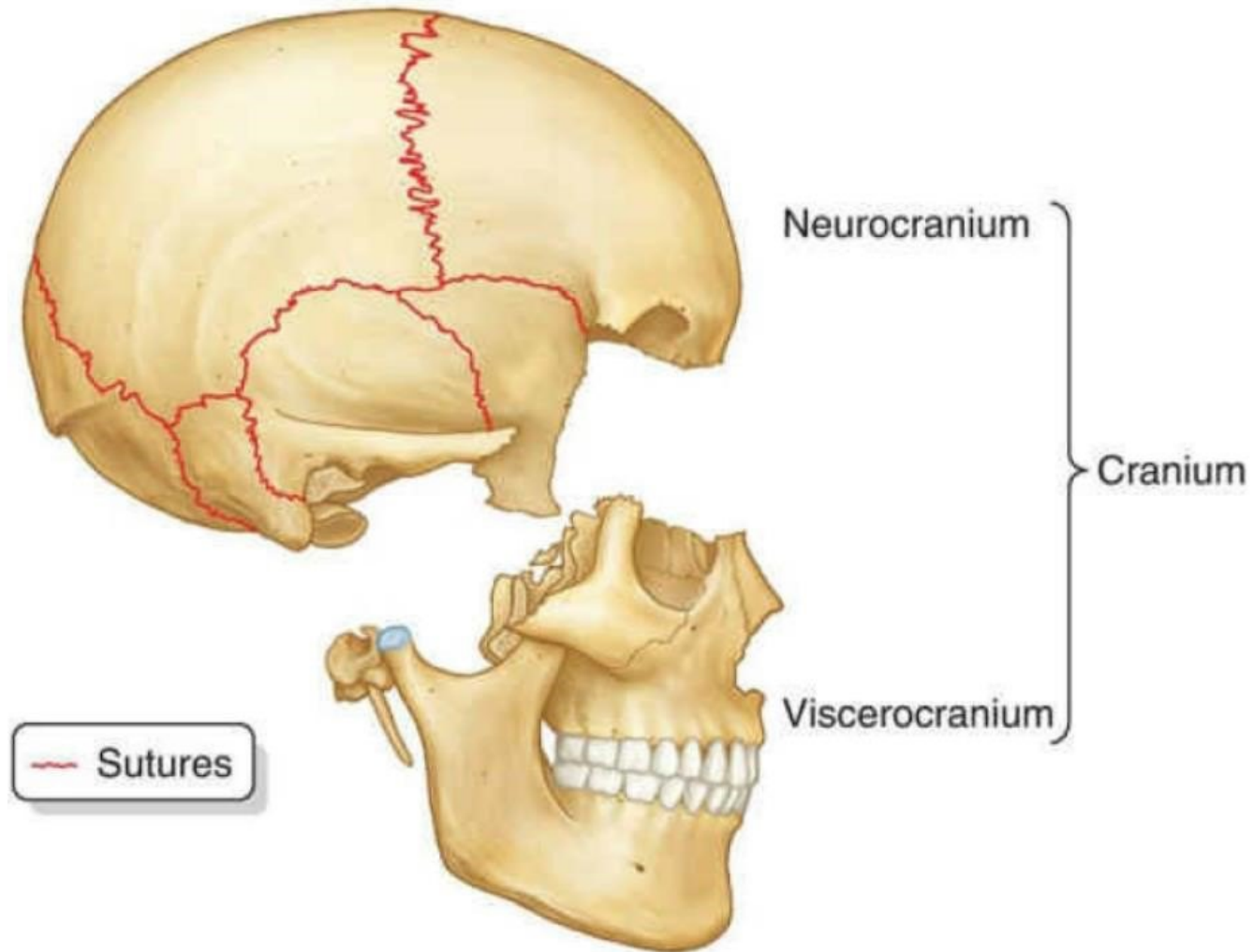
■ Ribs

■ Sternum

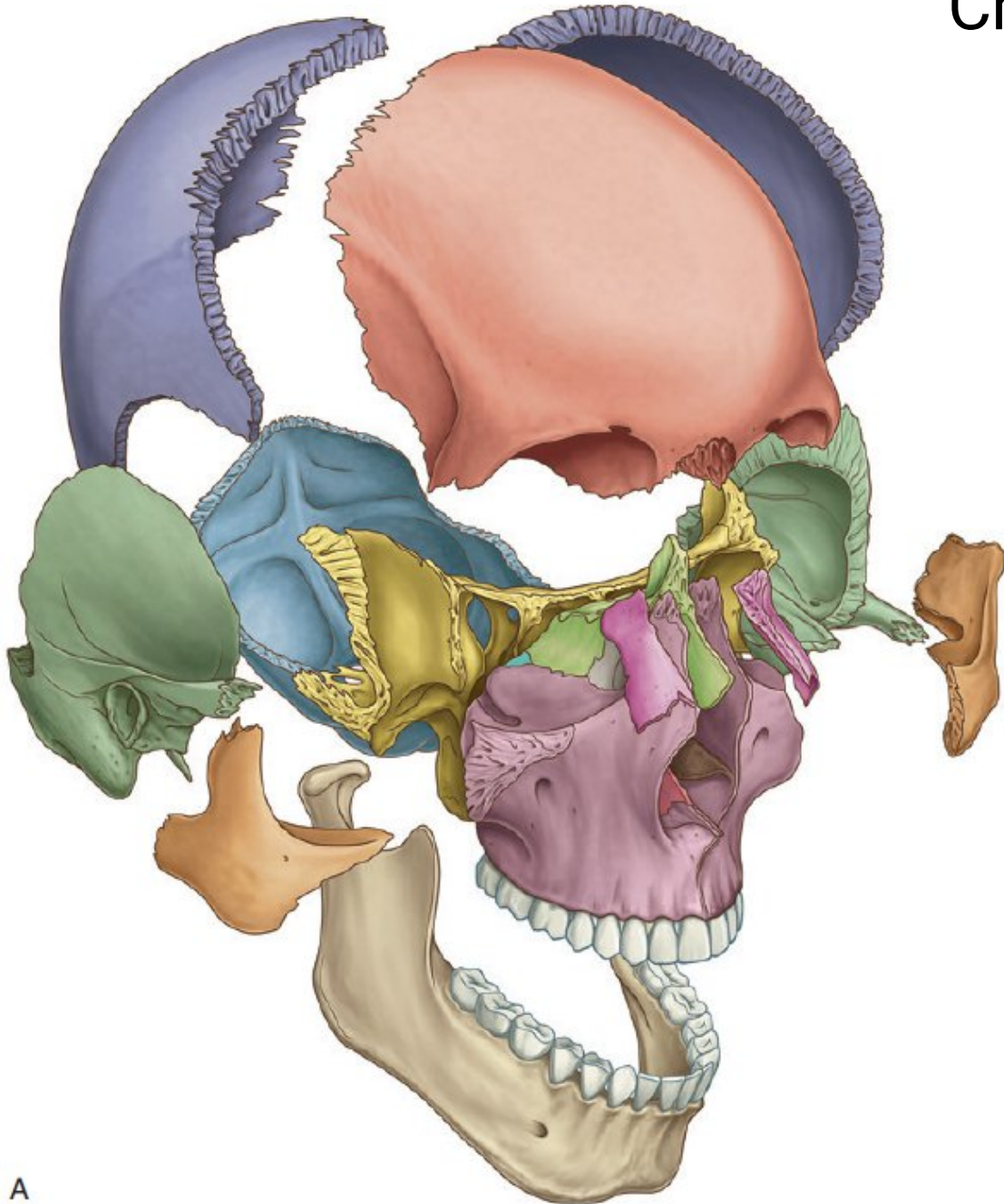


Skull (cranium)

3



Cranial Bones



Cranial bones n=22

1. Frontal bone
2. Parietal bone (×2)
3. Occipital bone
4. Sphenoid bone
5. Temporal Bone (×2)
6. Ethmoid Bone
7. Inferior nasal concha (×2)
8. Lacrimal bone (×2)
9. Nasal bone (×2)
10. Vomer
11. Maxilla (×2)
12. Palatine bone (×2)
13. Zygomatic bone (×2)
14. Mandible

Frontal bone



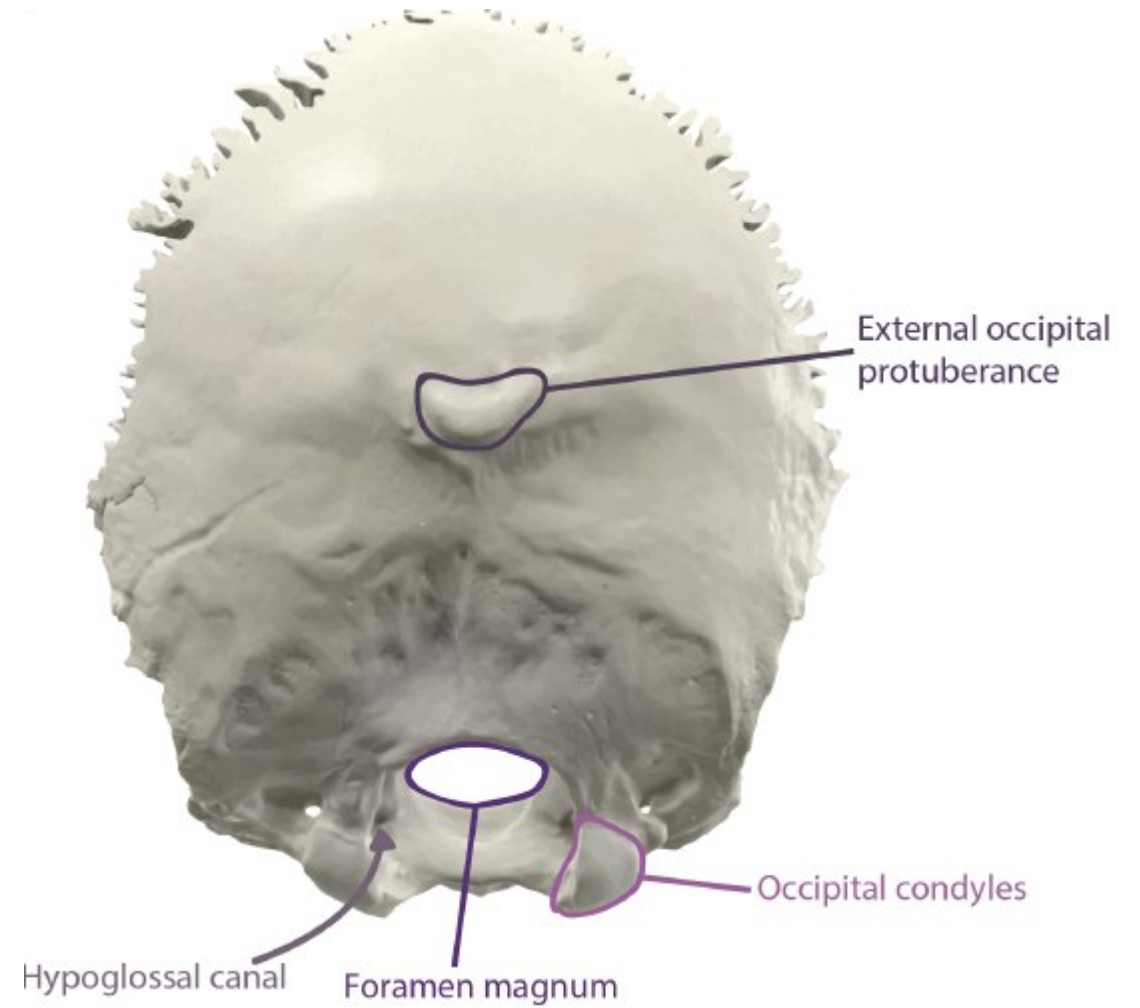
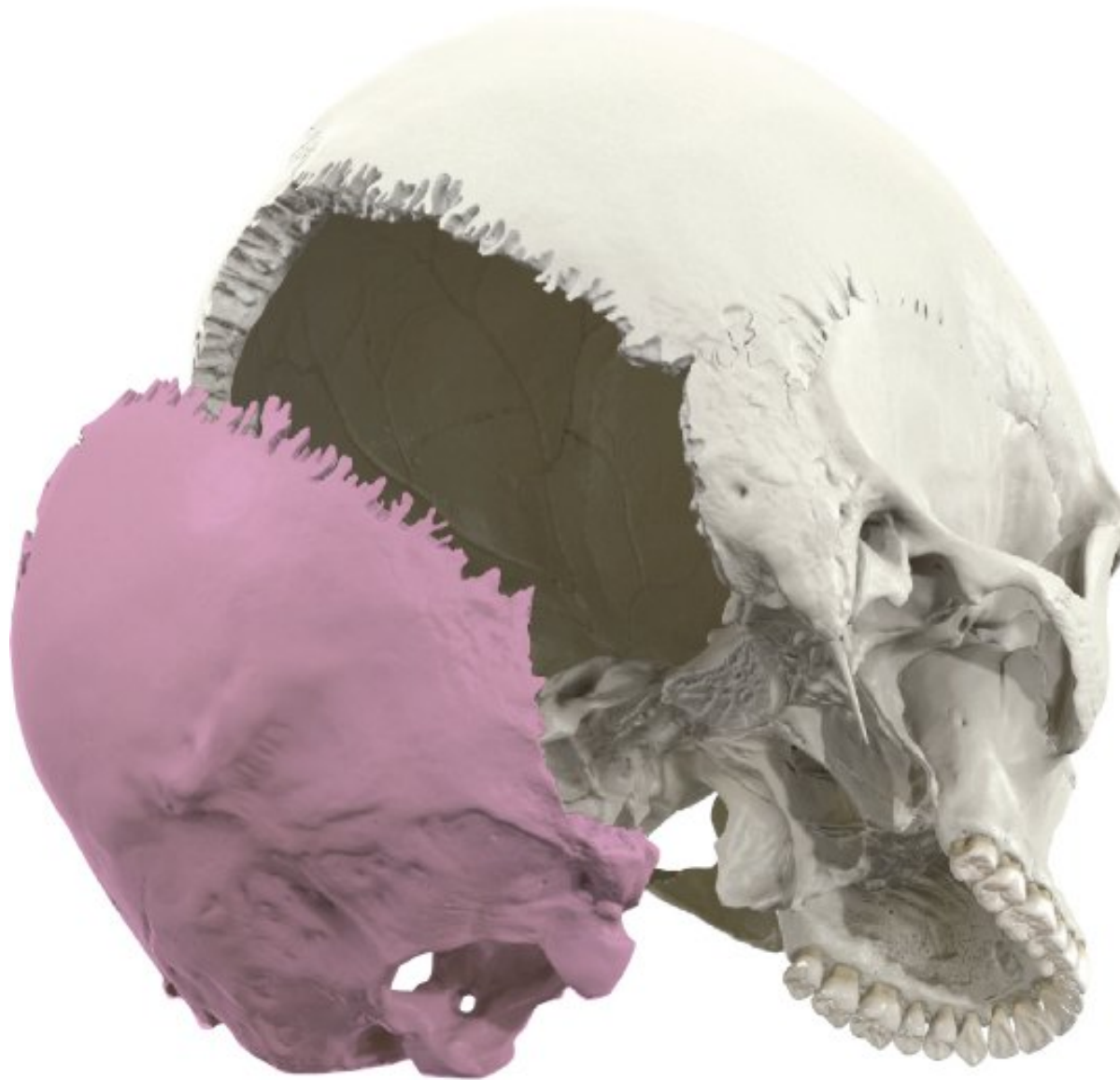
Parietal bones

6



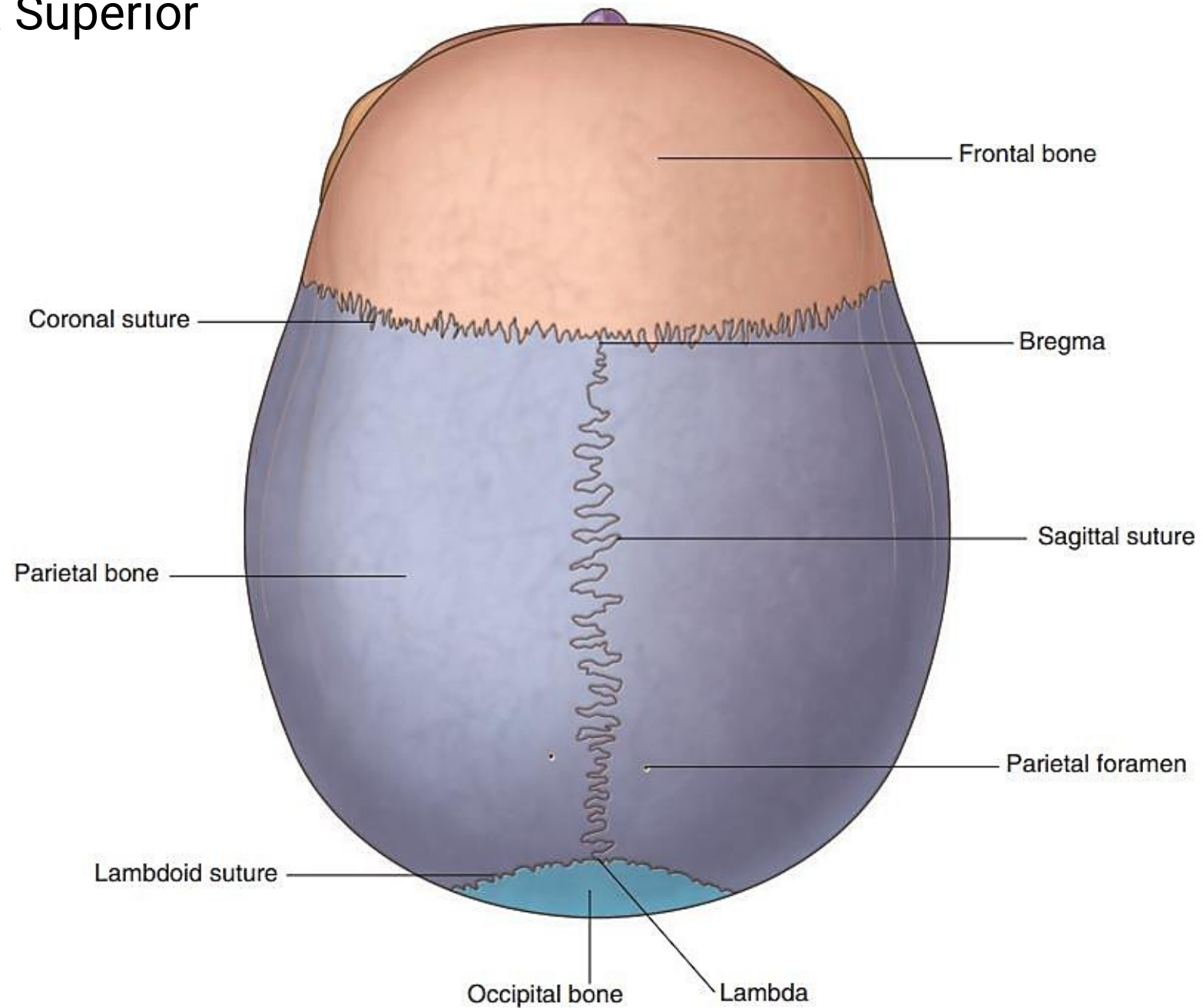
Occipital bone

7



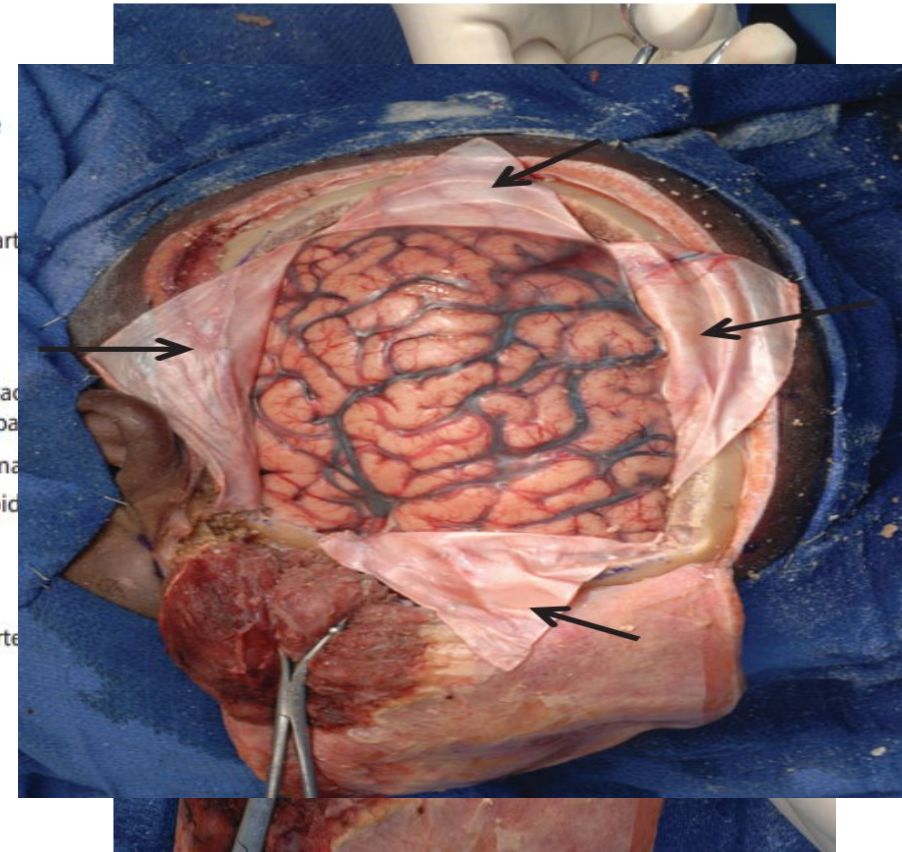
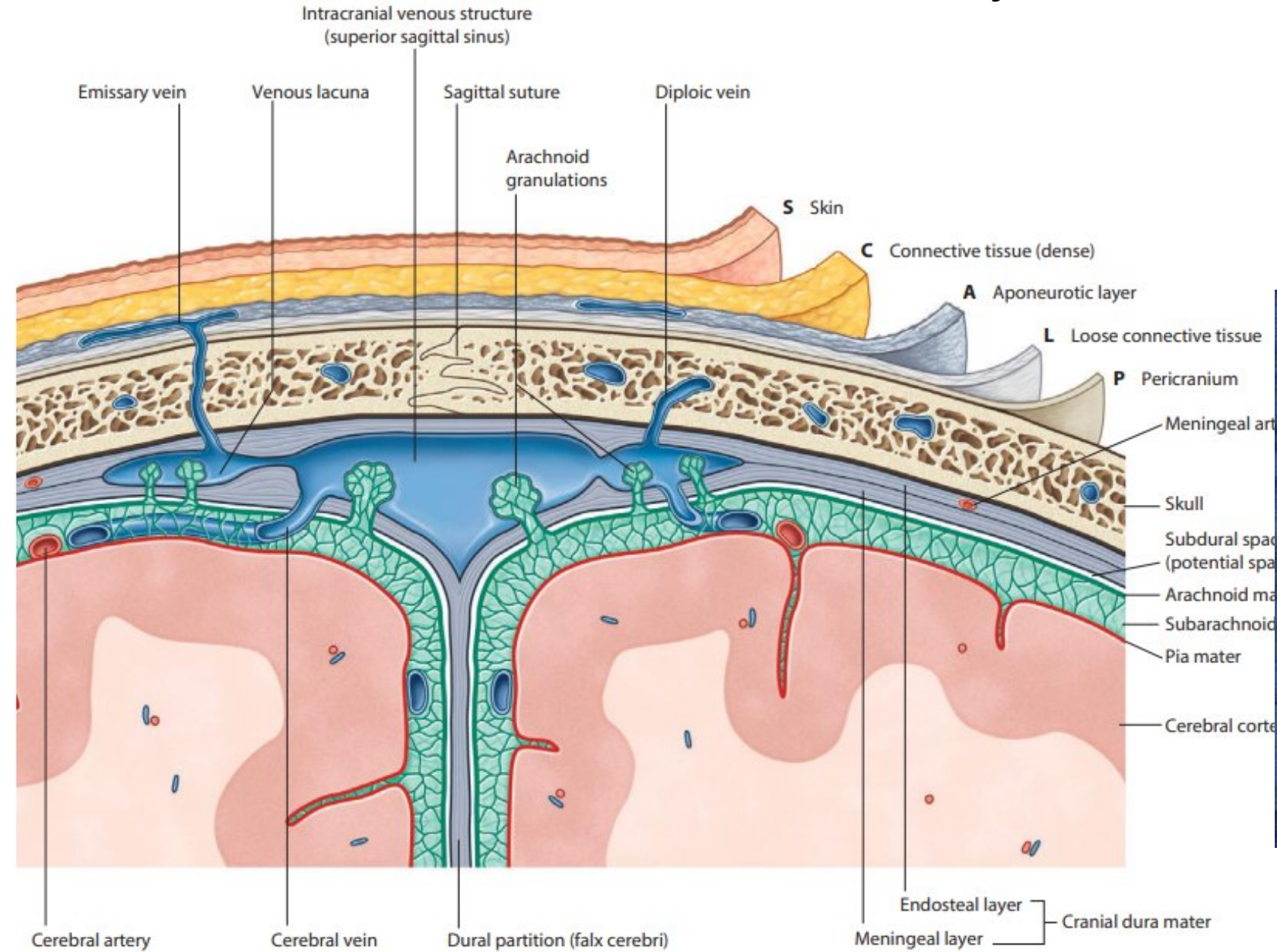
Skull; Norma Superior

8



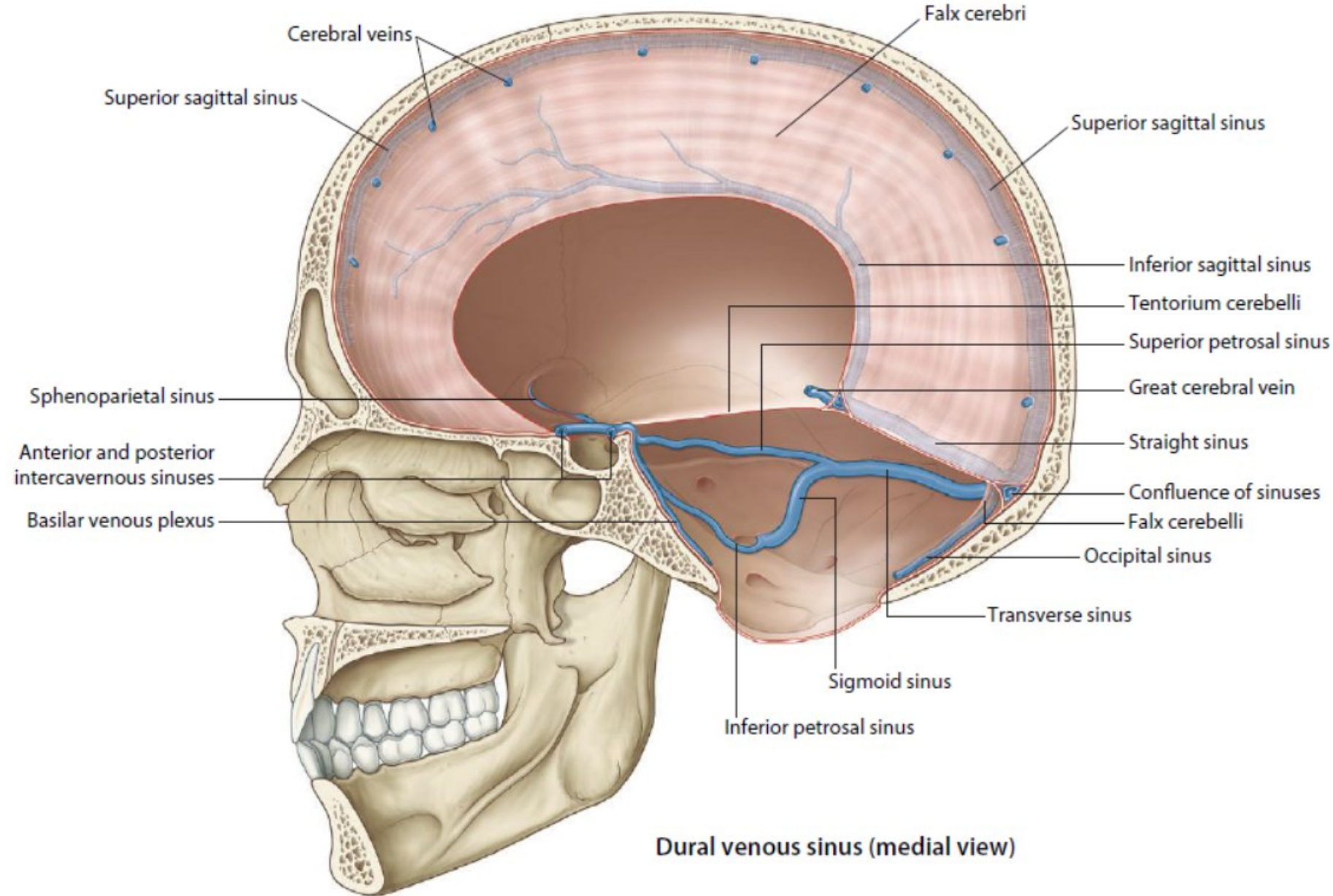
SCALP layers

9



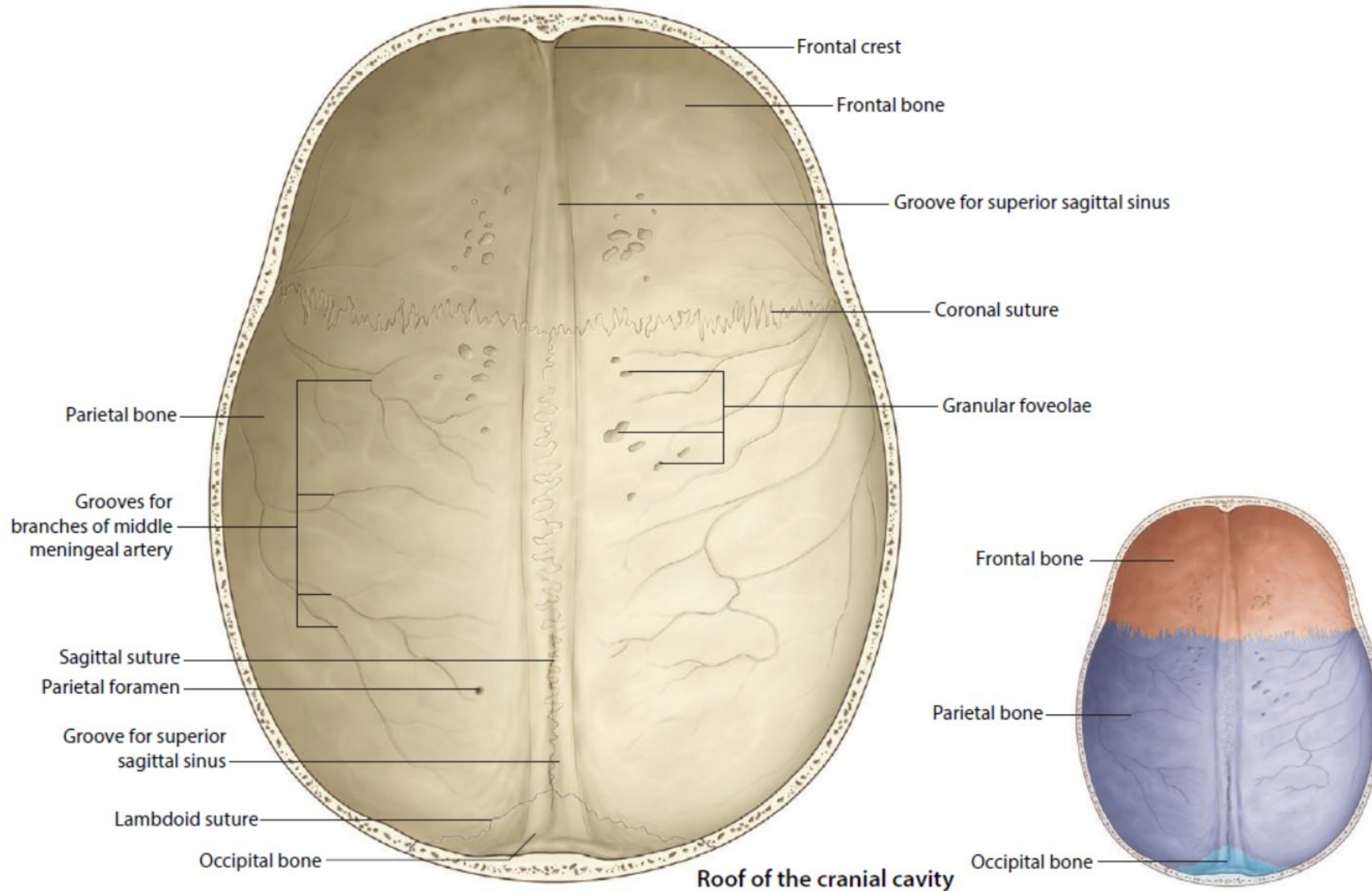
Dura; Falx Cerebri

10



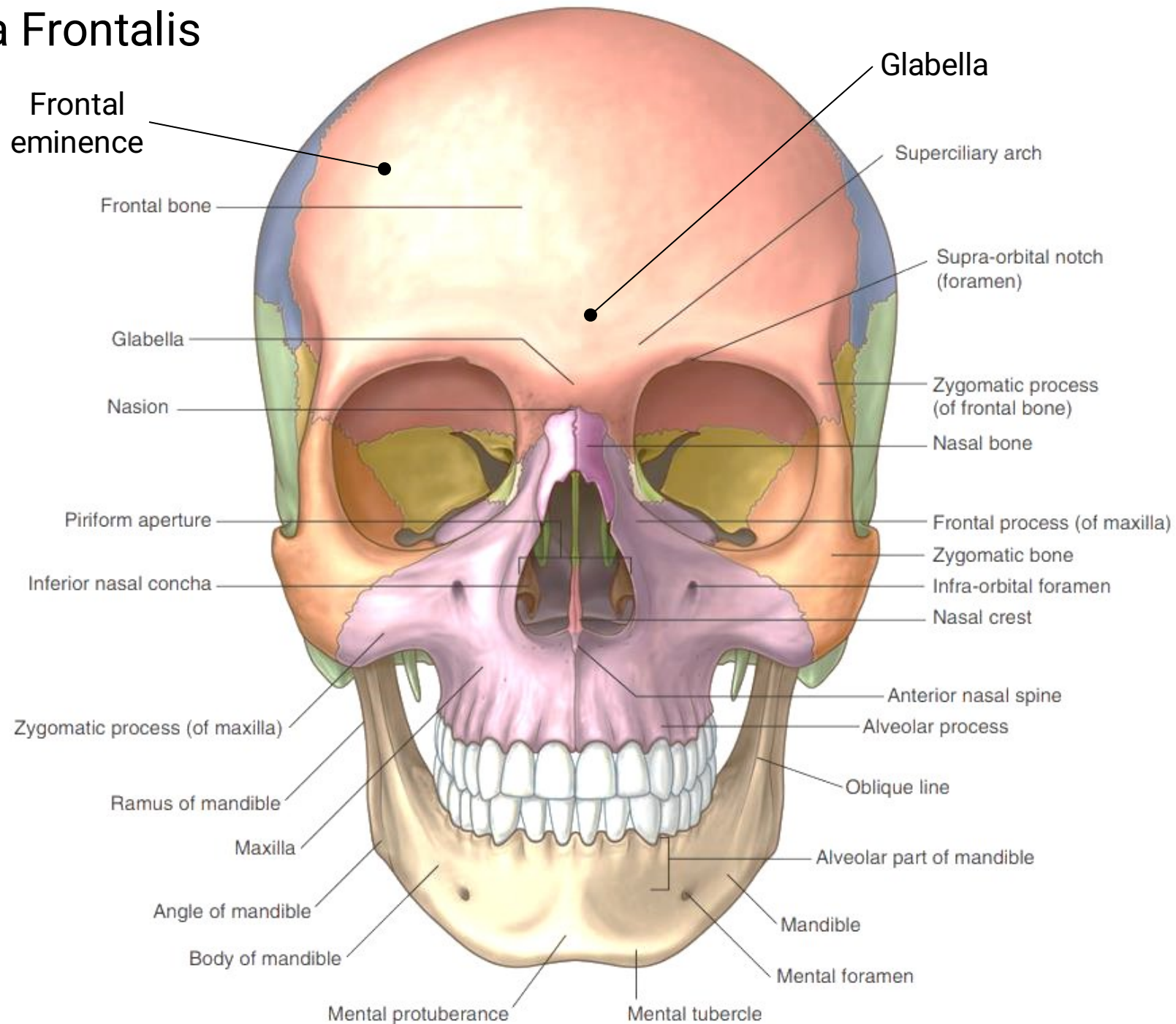
Skull; Calvaria (Roof)

11



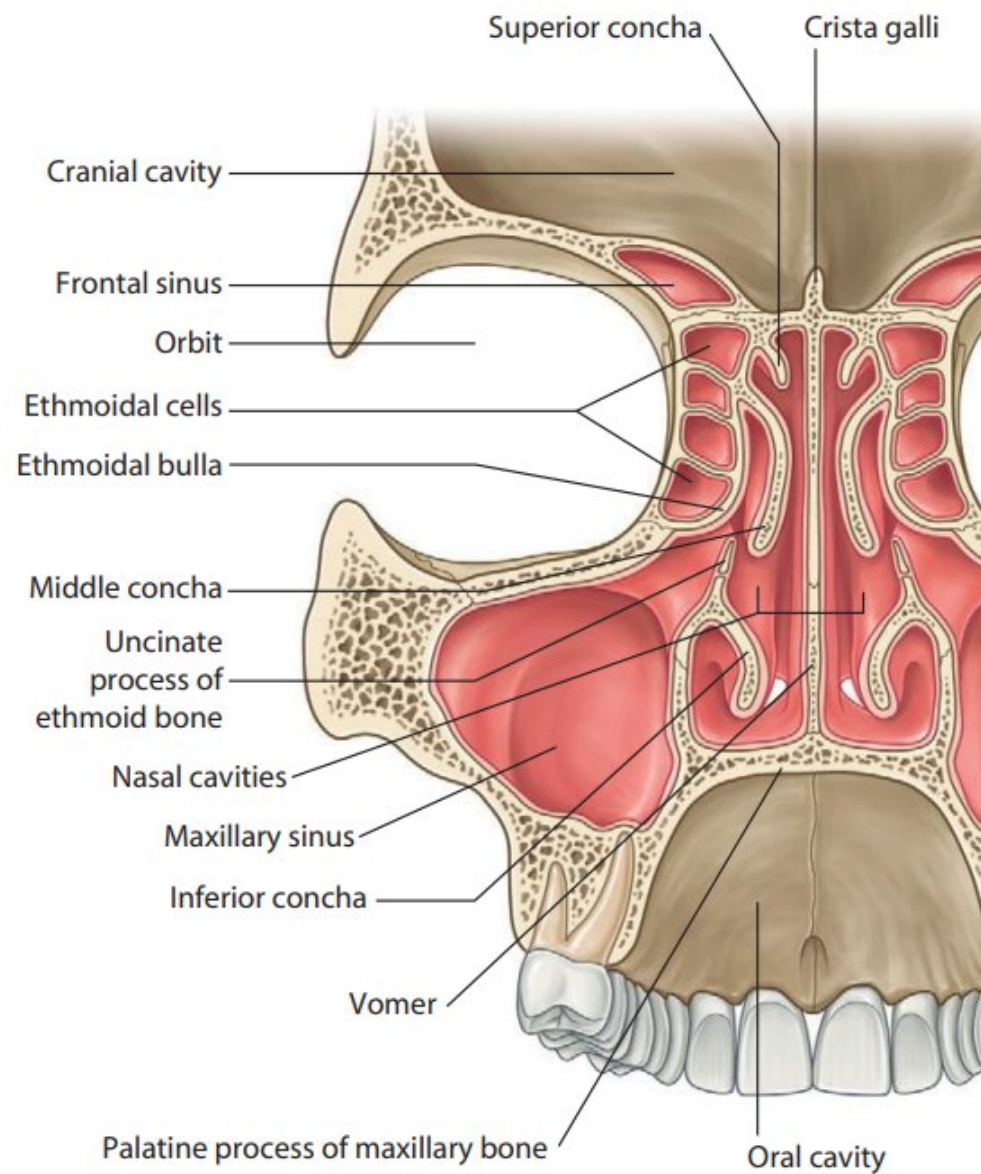
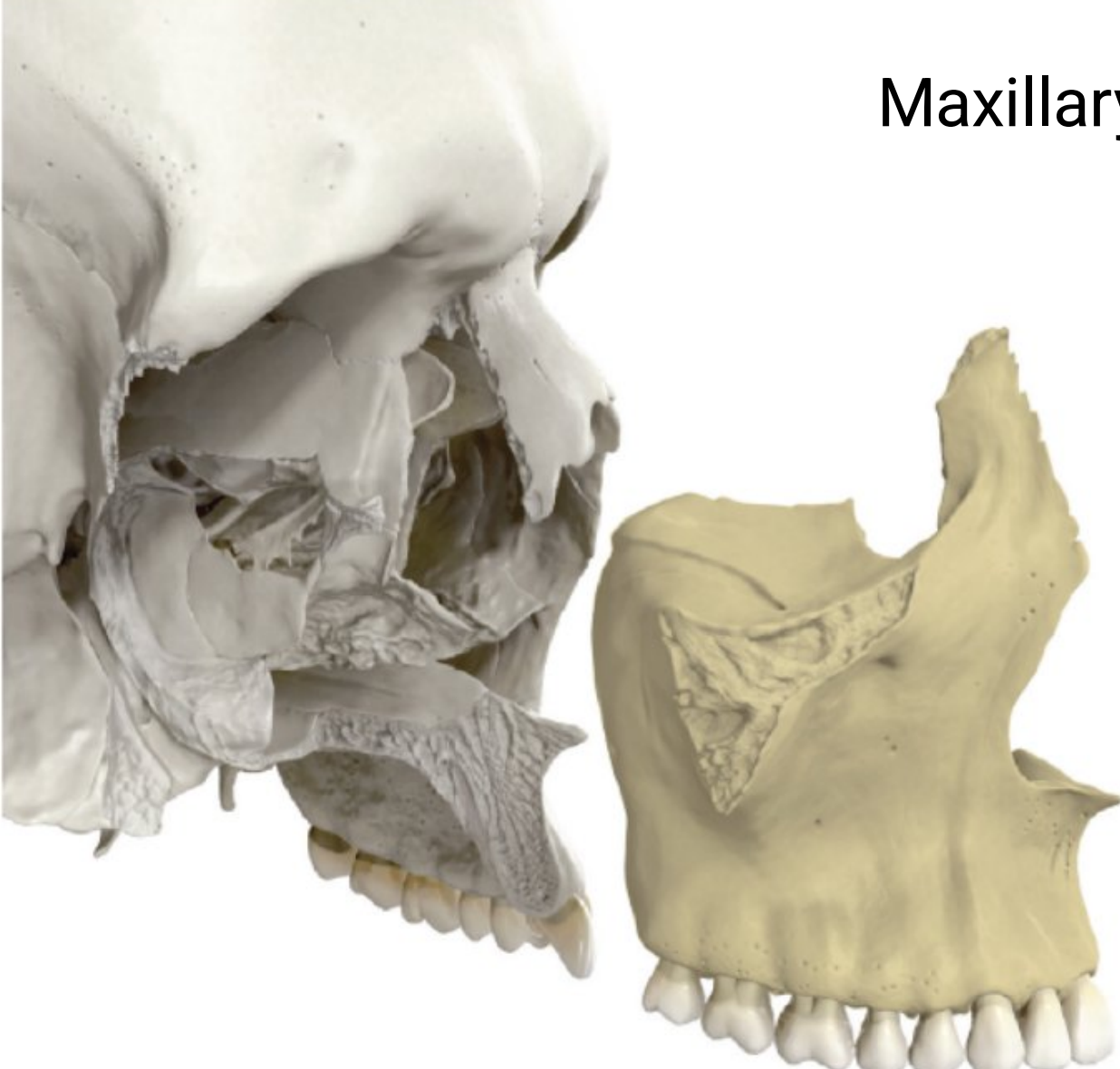
Skull; Norma Frontalis

12



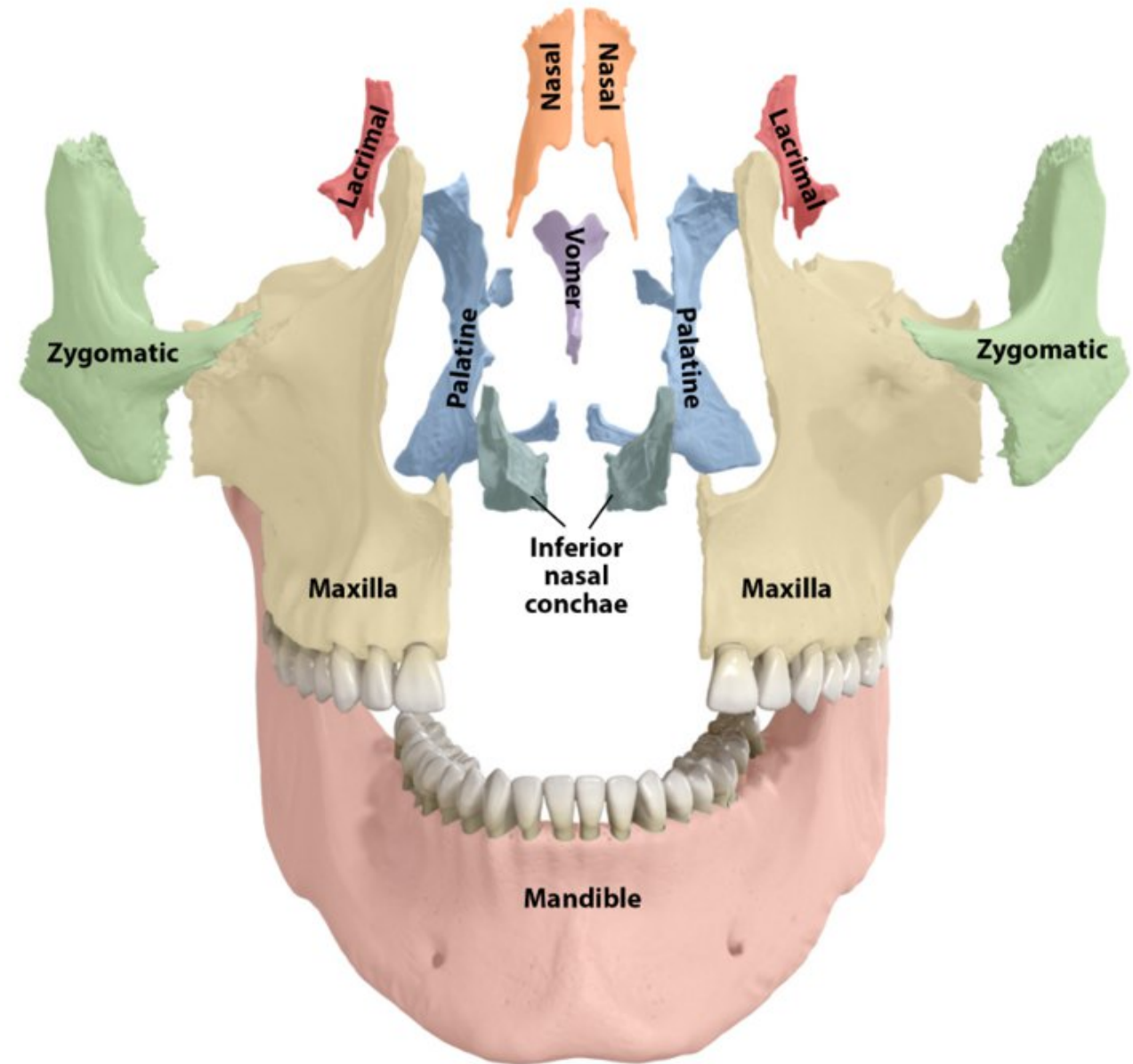
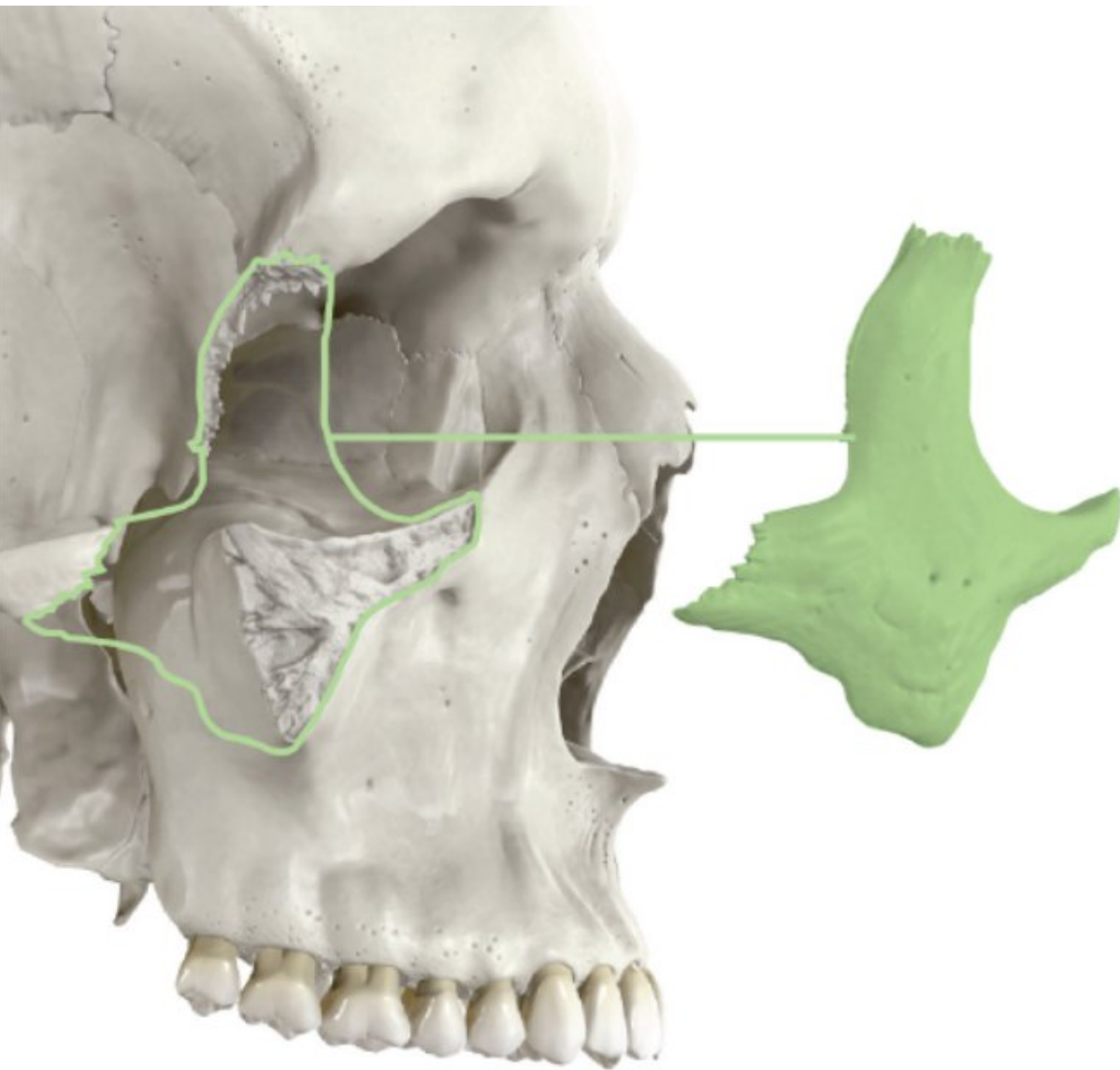
Maxillary bone

13



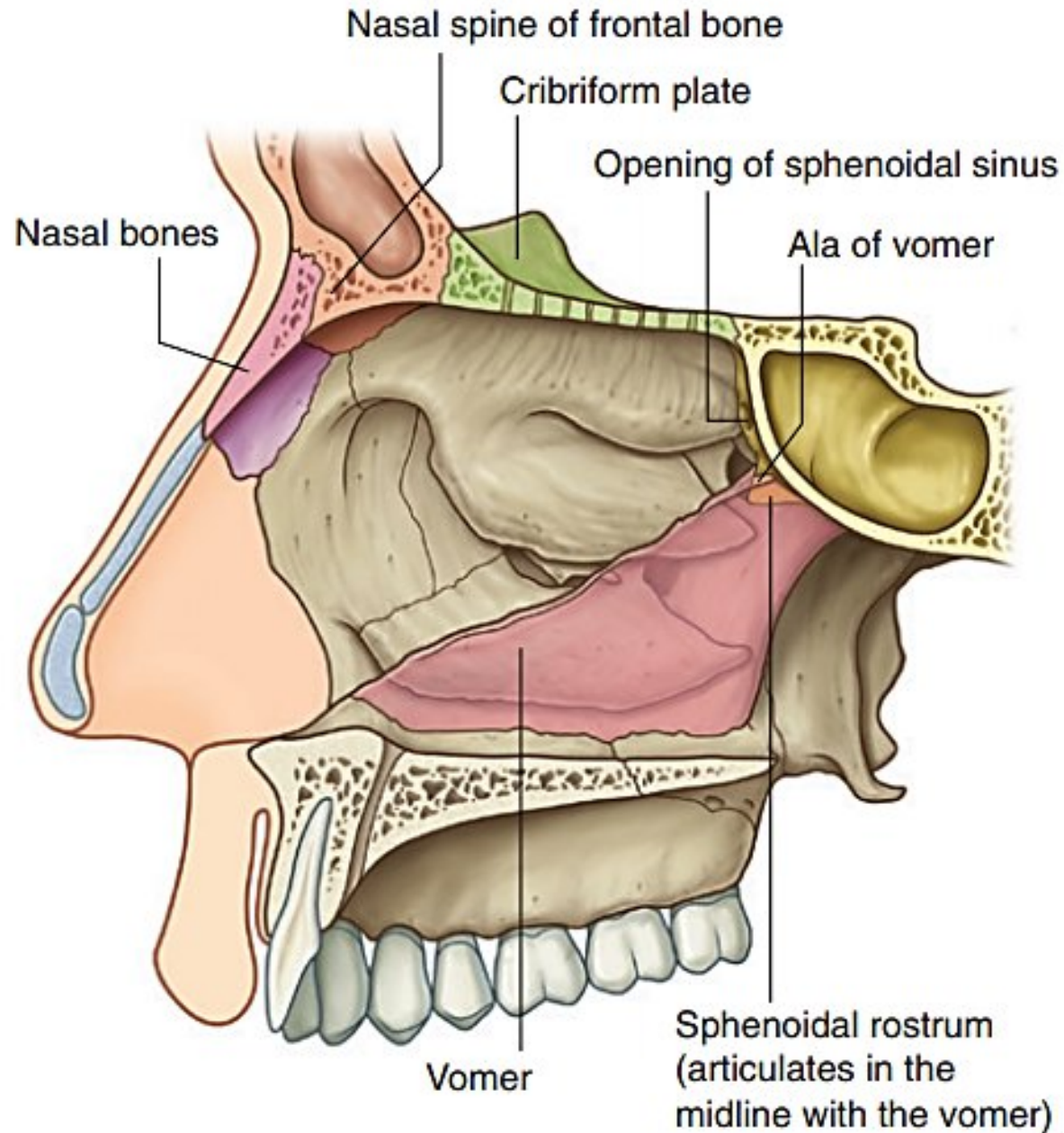
Zygomatic bone

14



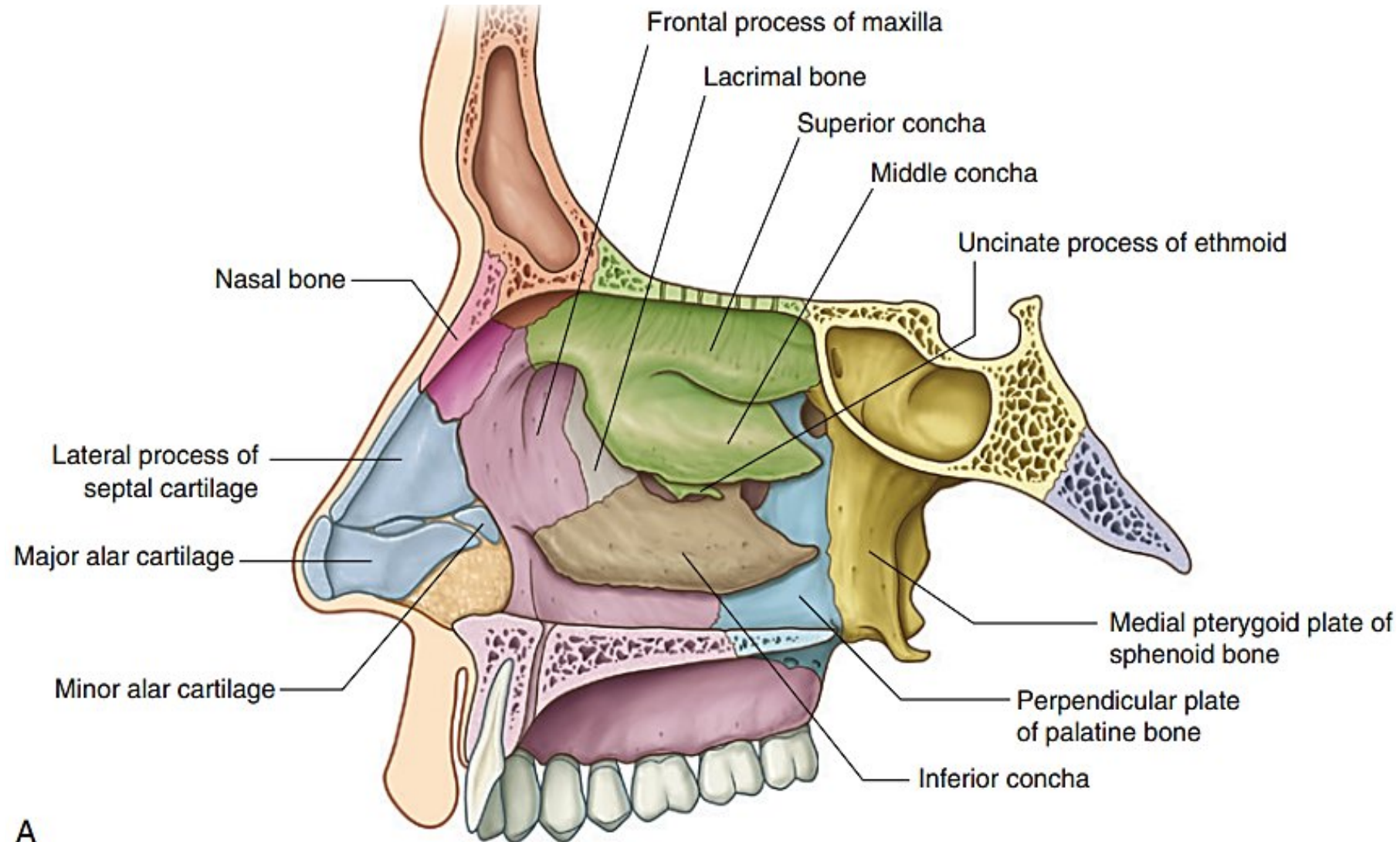
Roof of nasal cavity

15



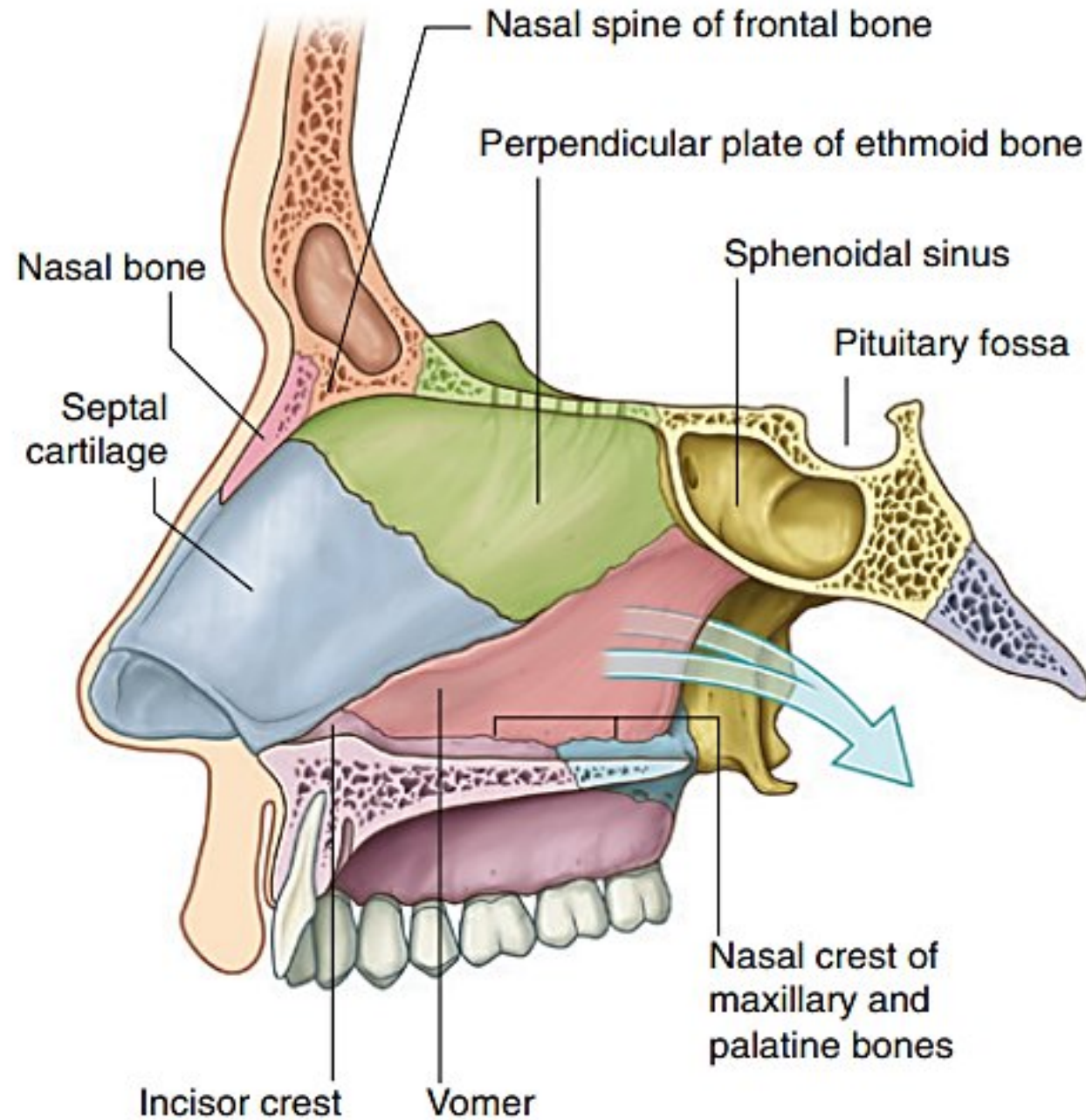
Lateral wall

16



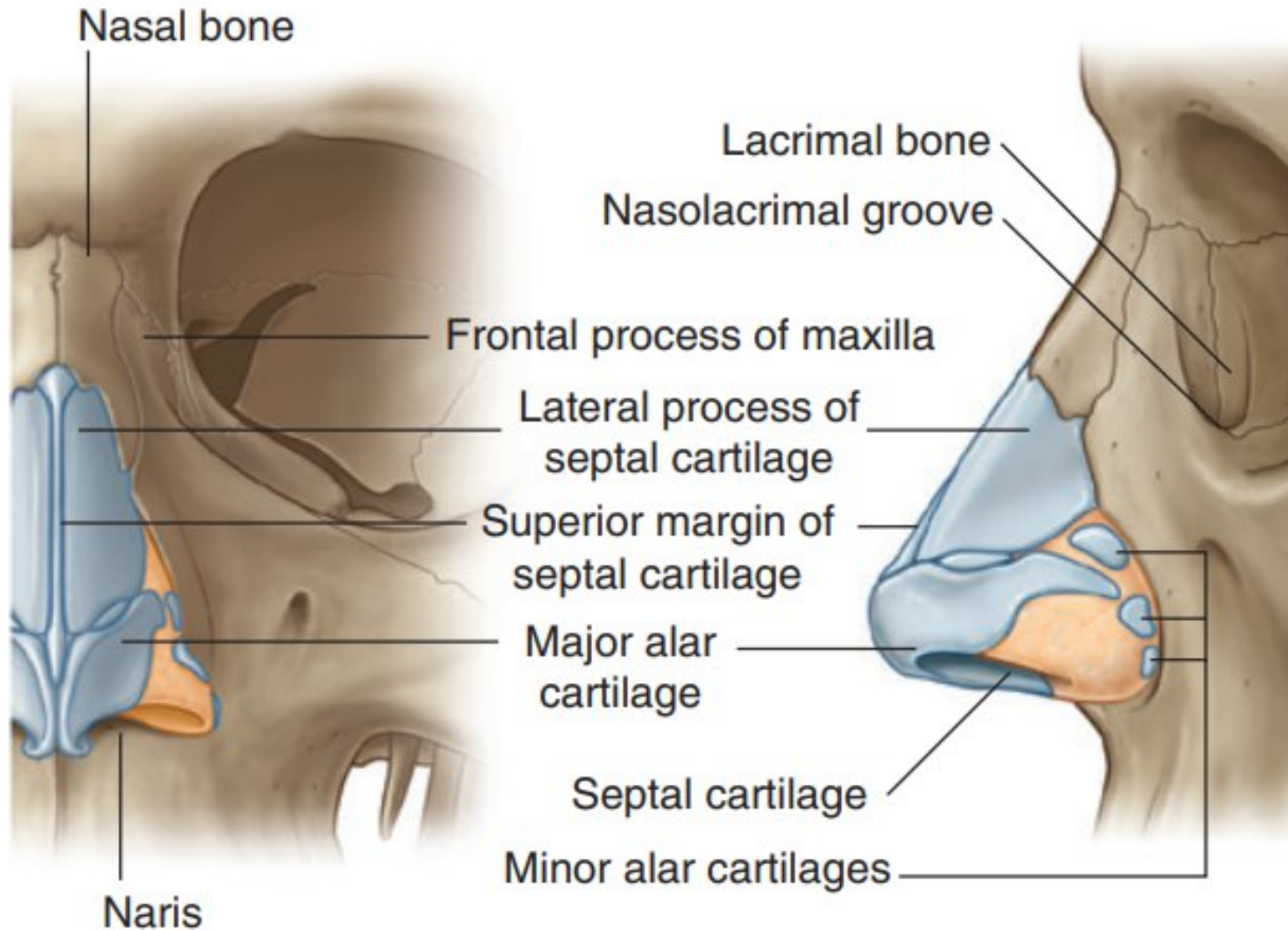
medial wall & floor

17



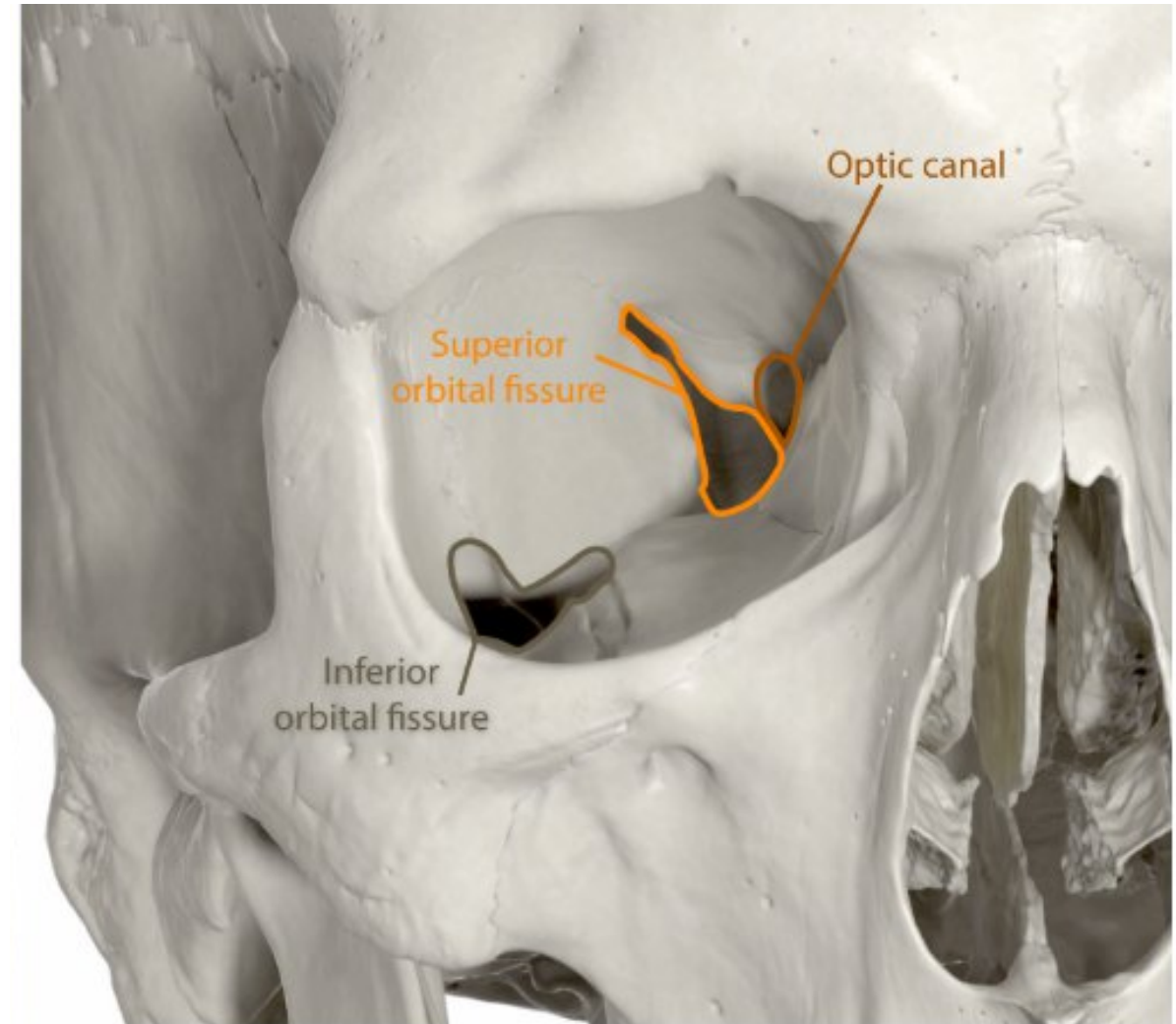
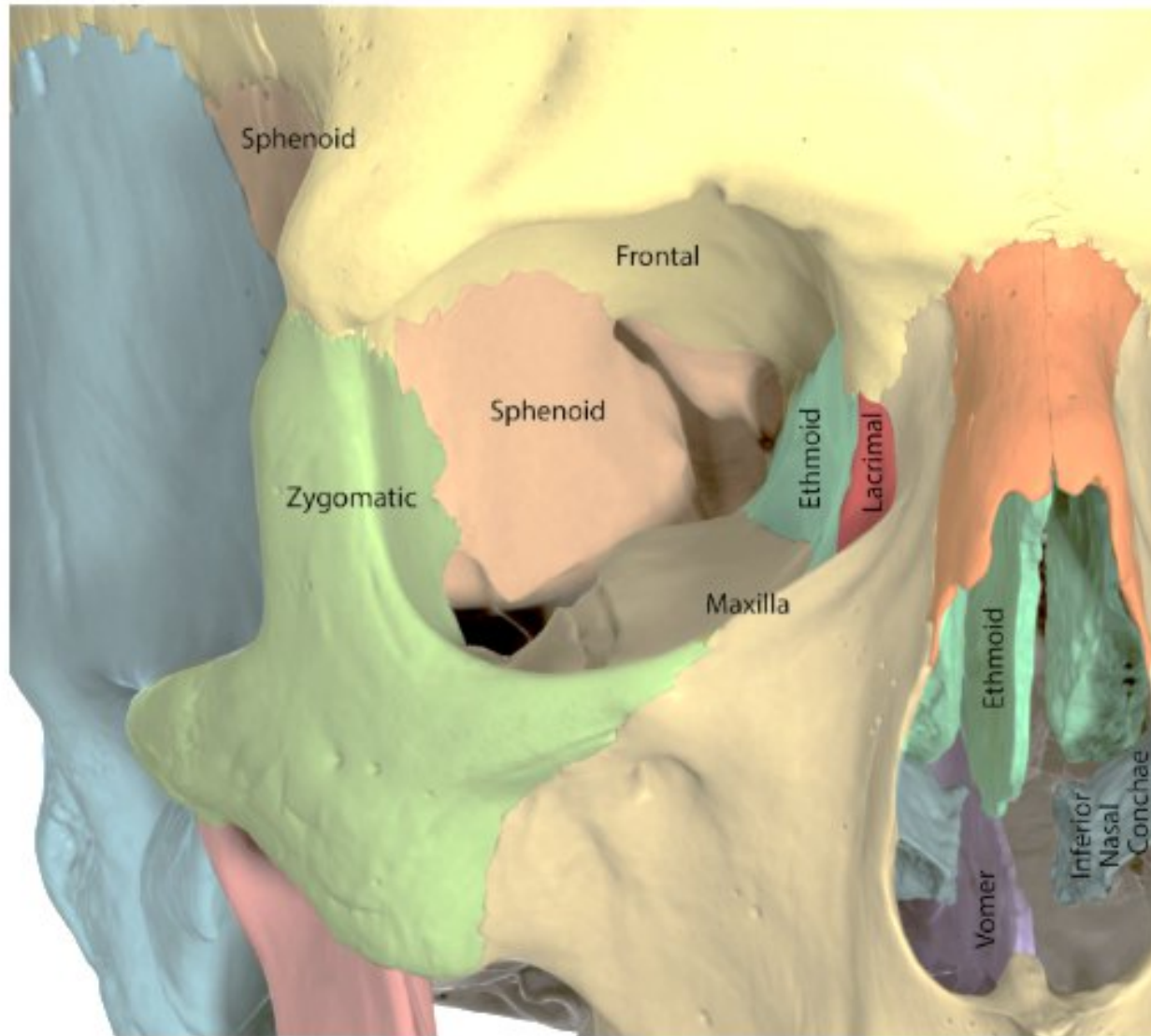
Nasal bones

18



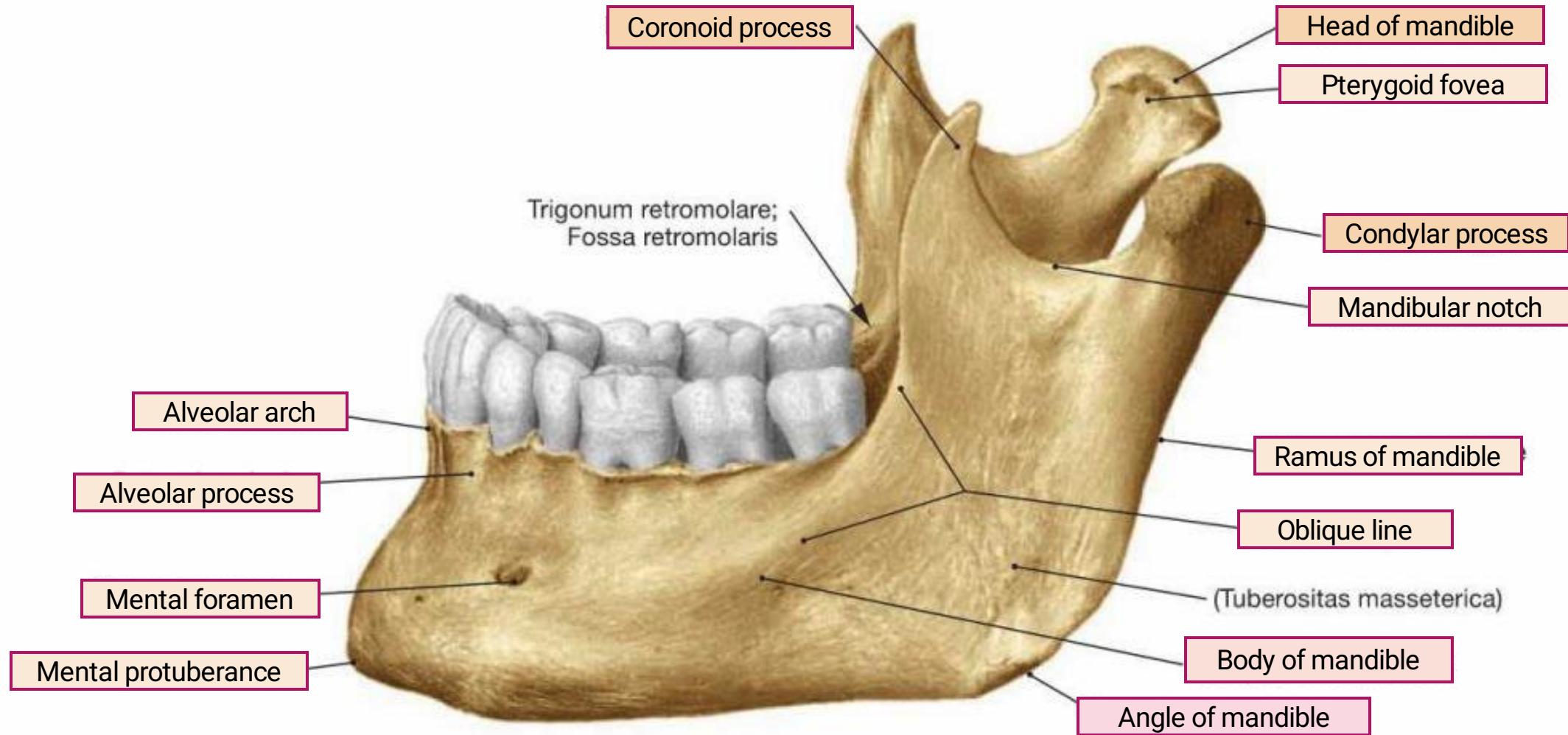
Orbit

19



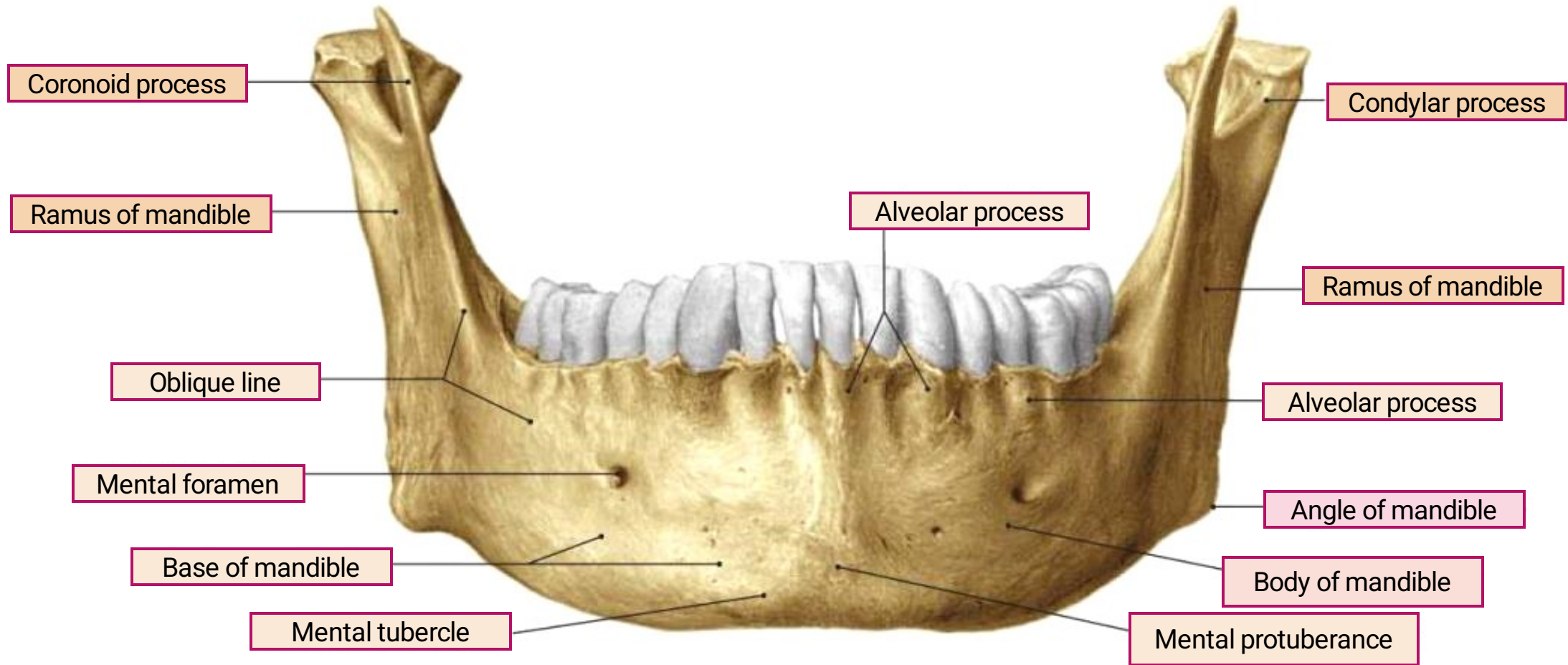
Mandible

20



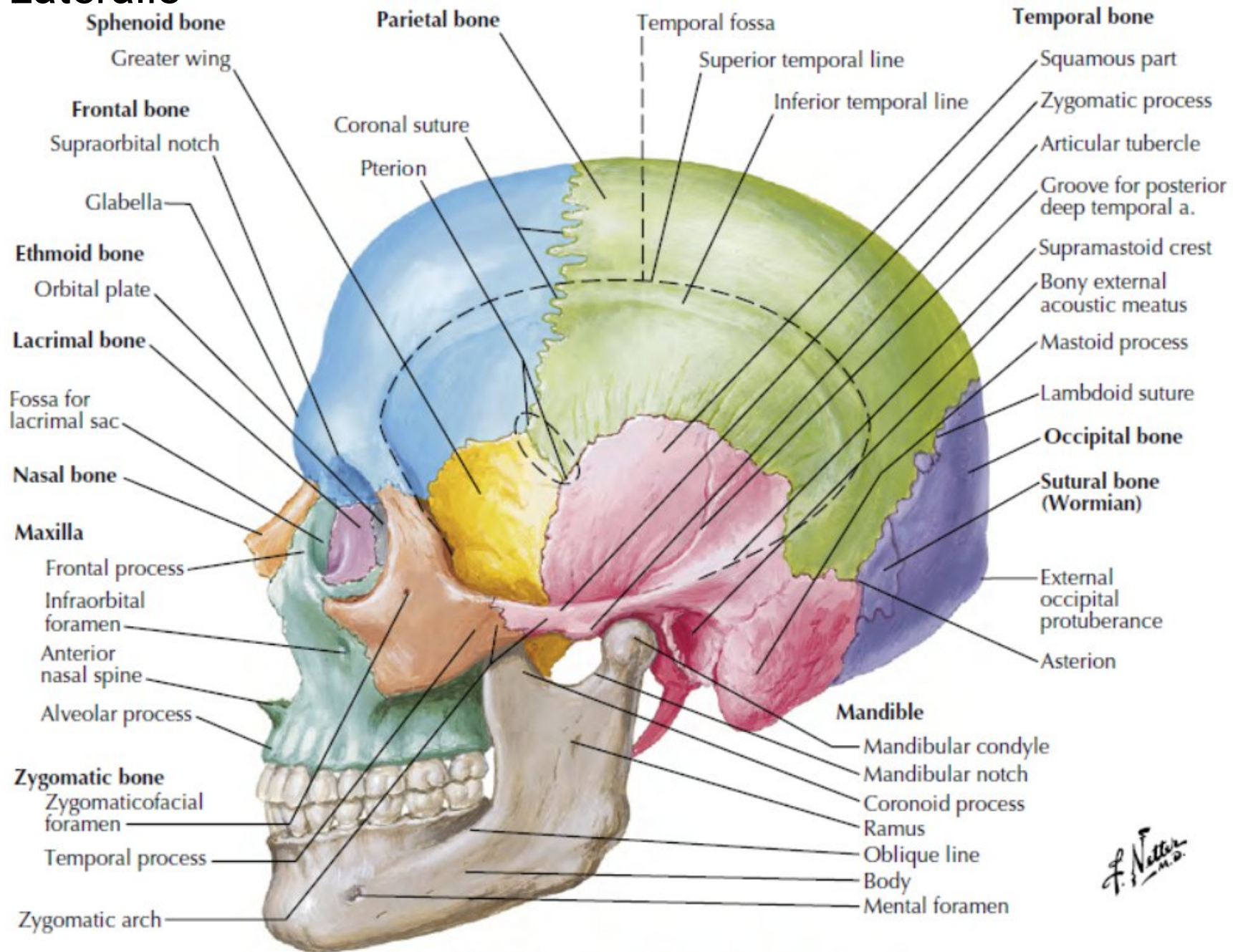
Mandible

21



Skull; Norma Lateralis

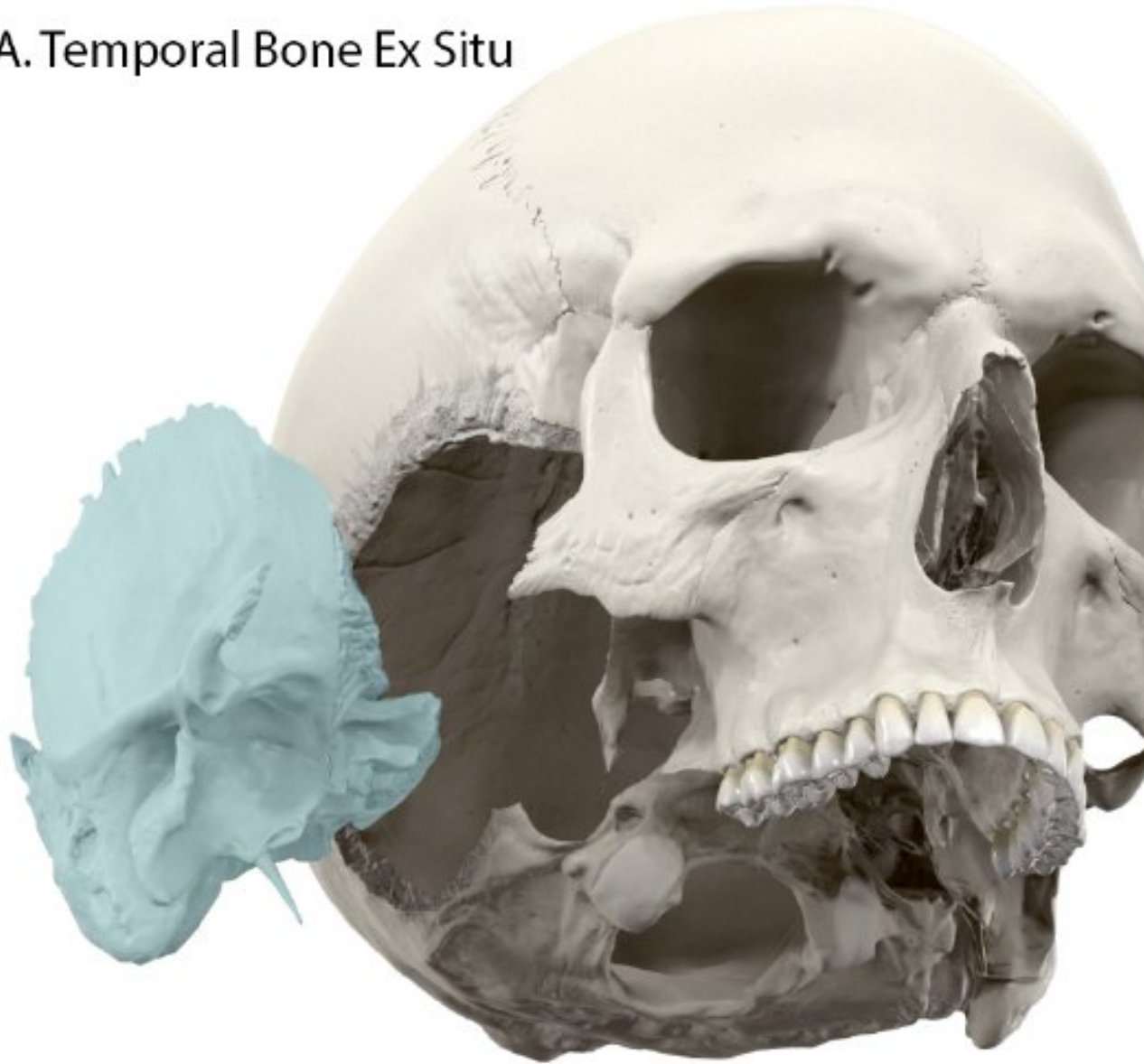
22



Temporal bones

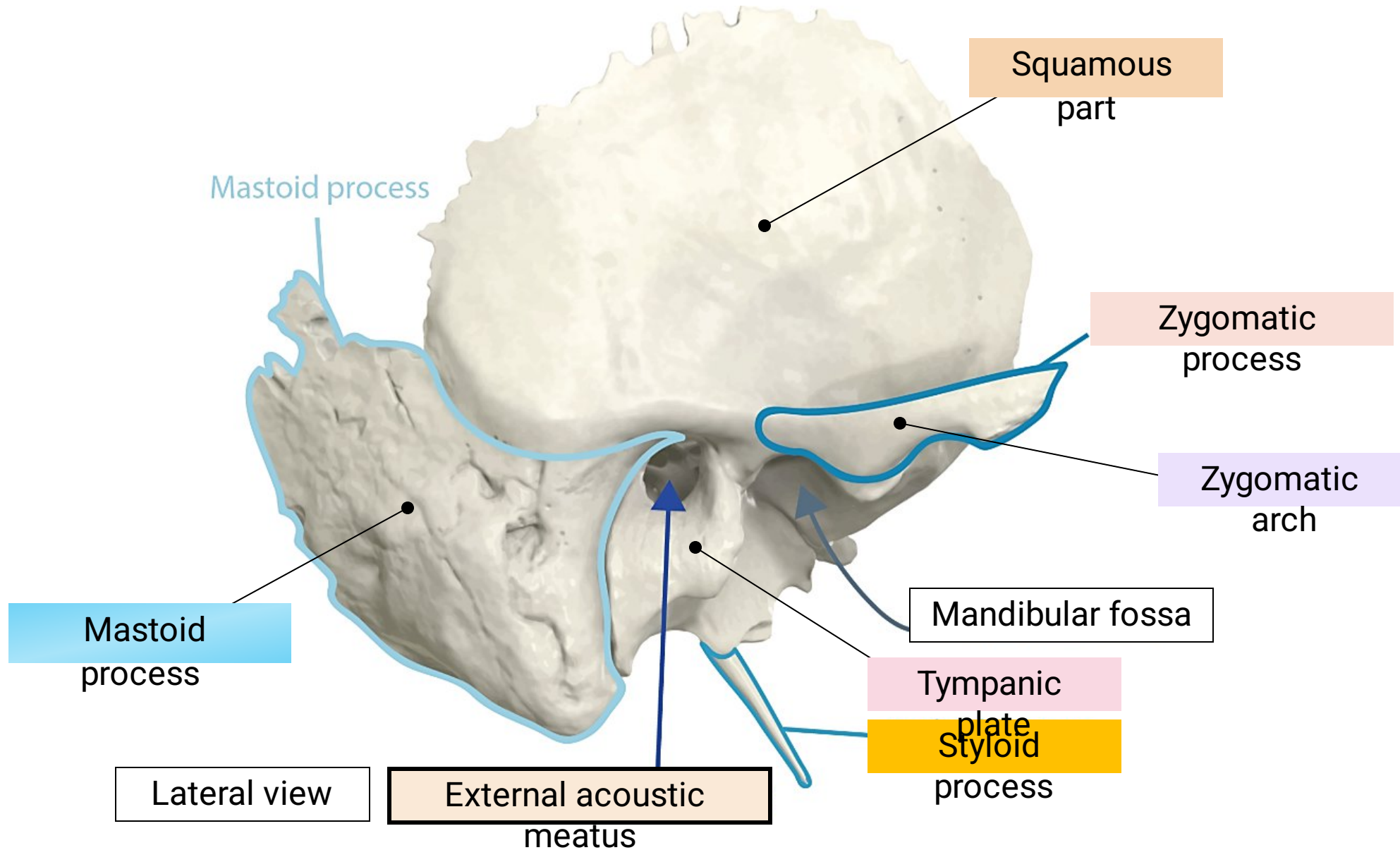
23

A. Temporal Bone Ex Situ



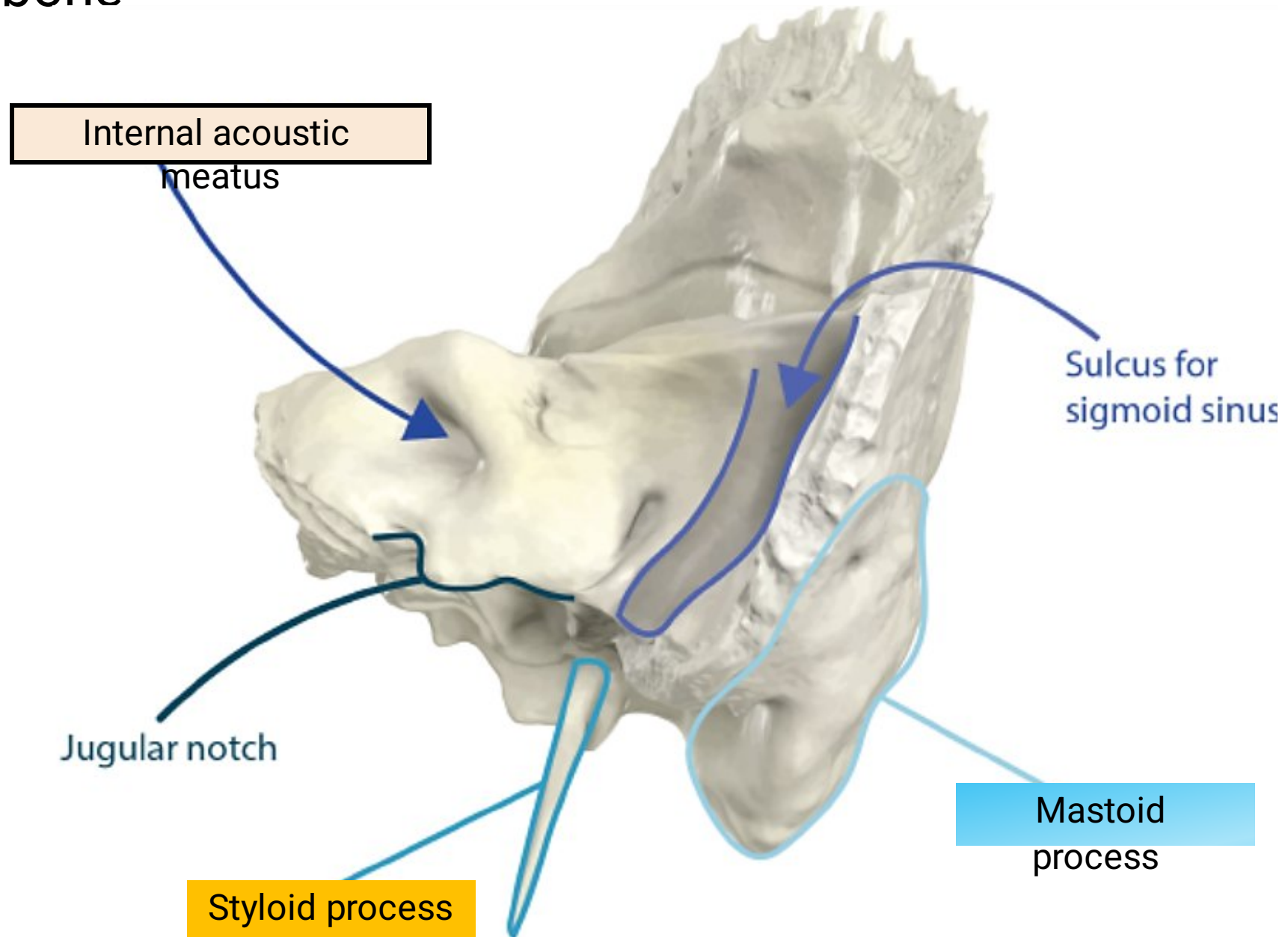
Temporal bone

24



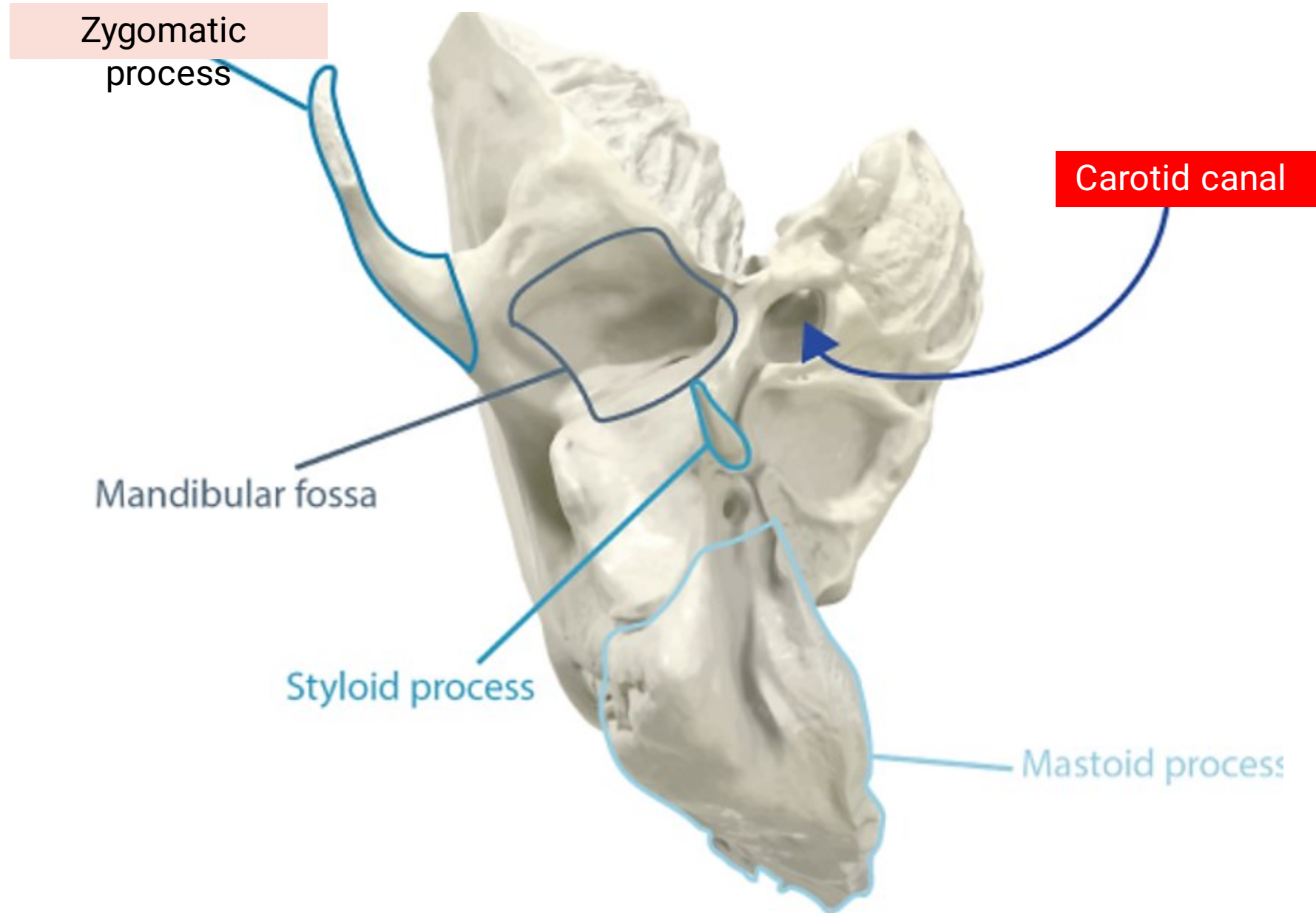
Temporal bone

25



Temporal bone

26

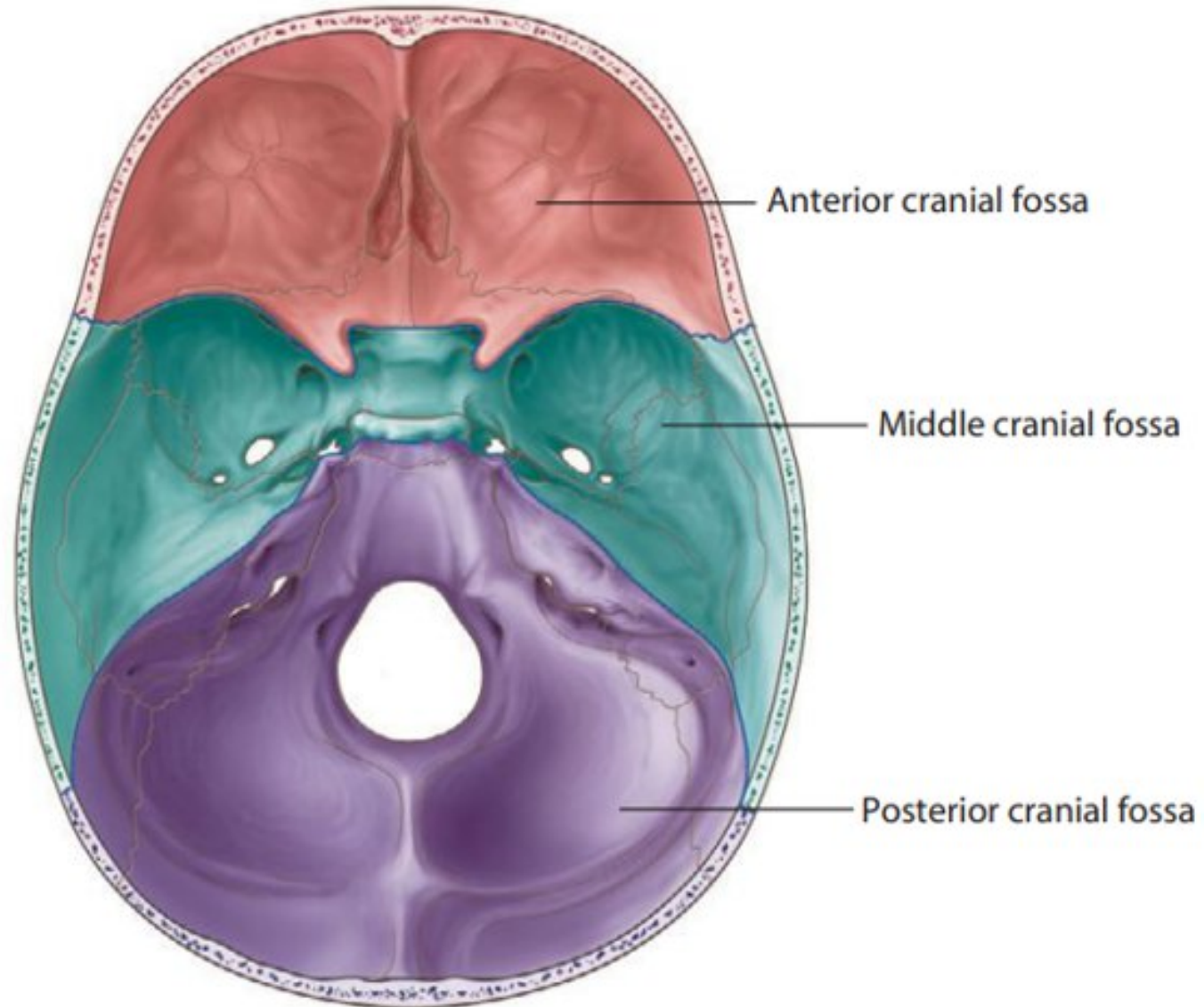


Inferior view

Cranial fossa

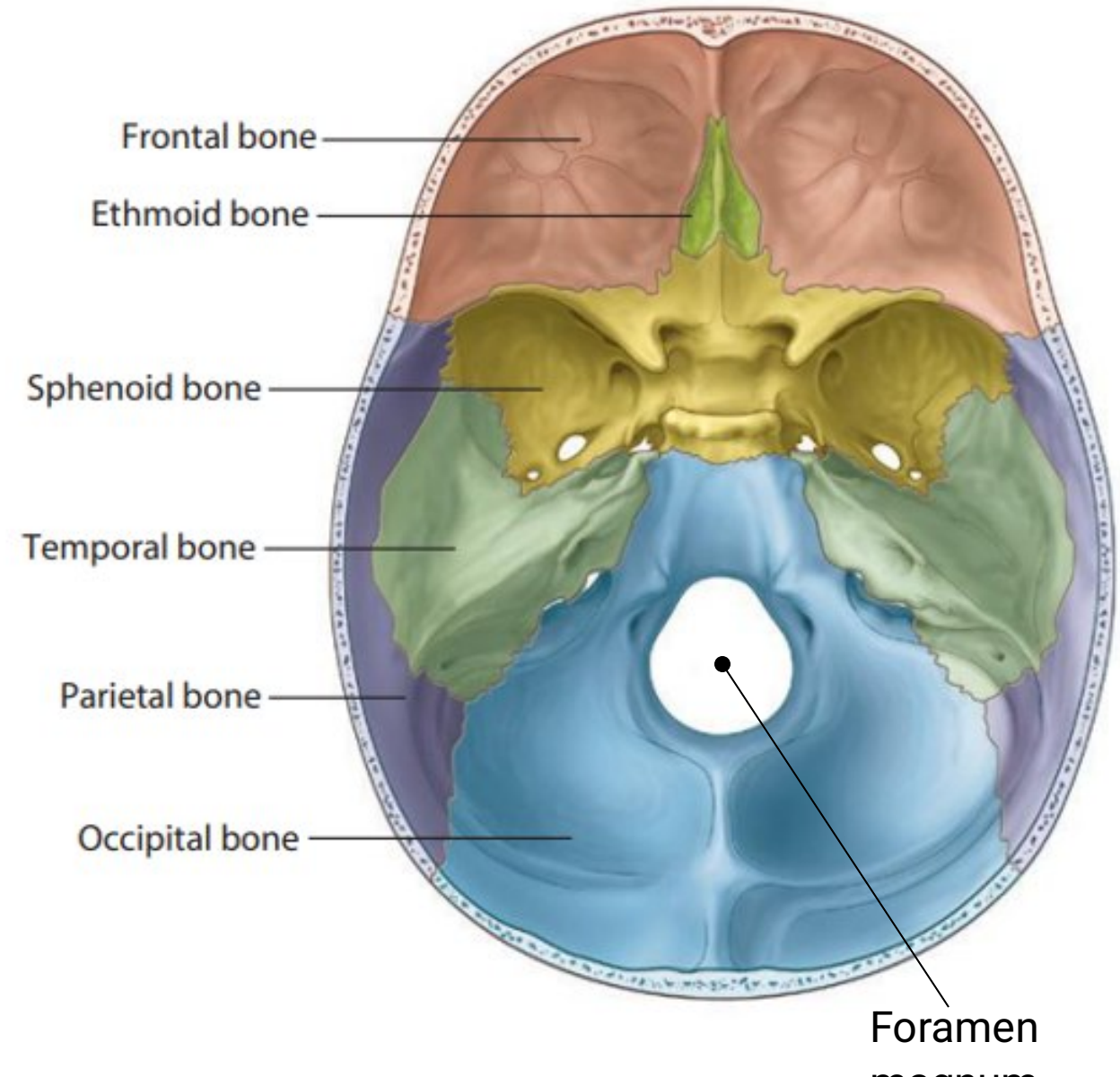
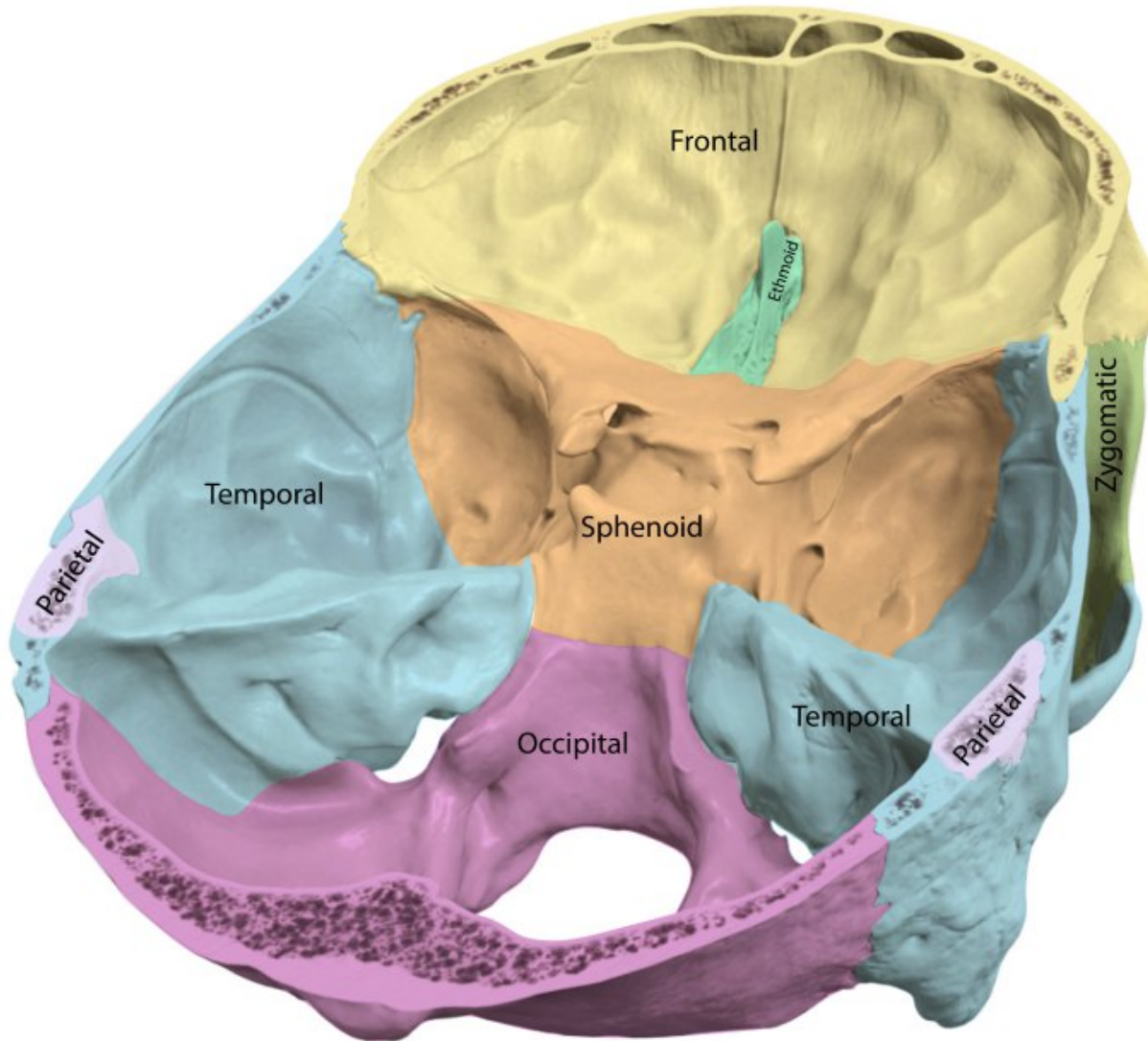
Cranial fossa

28



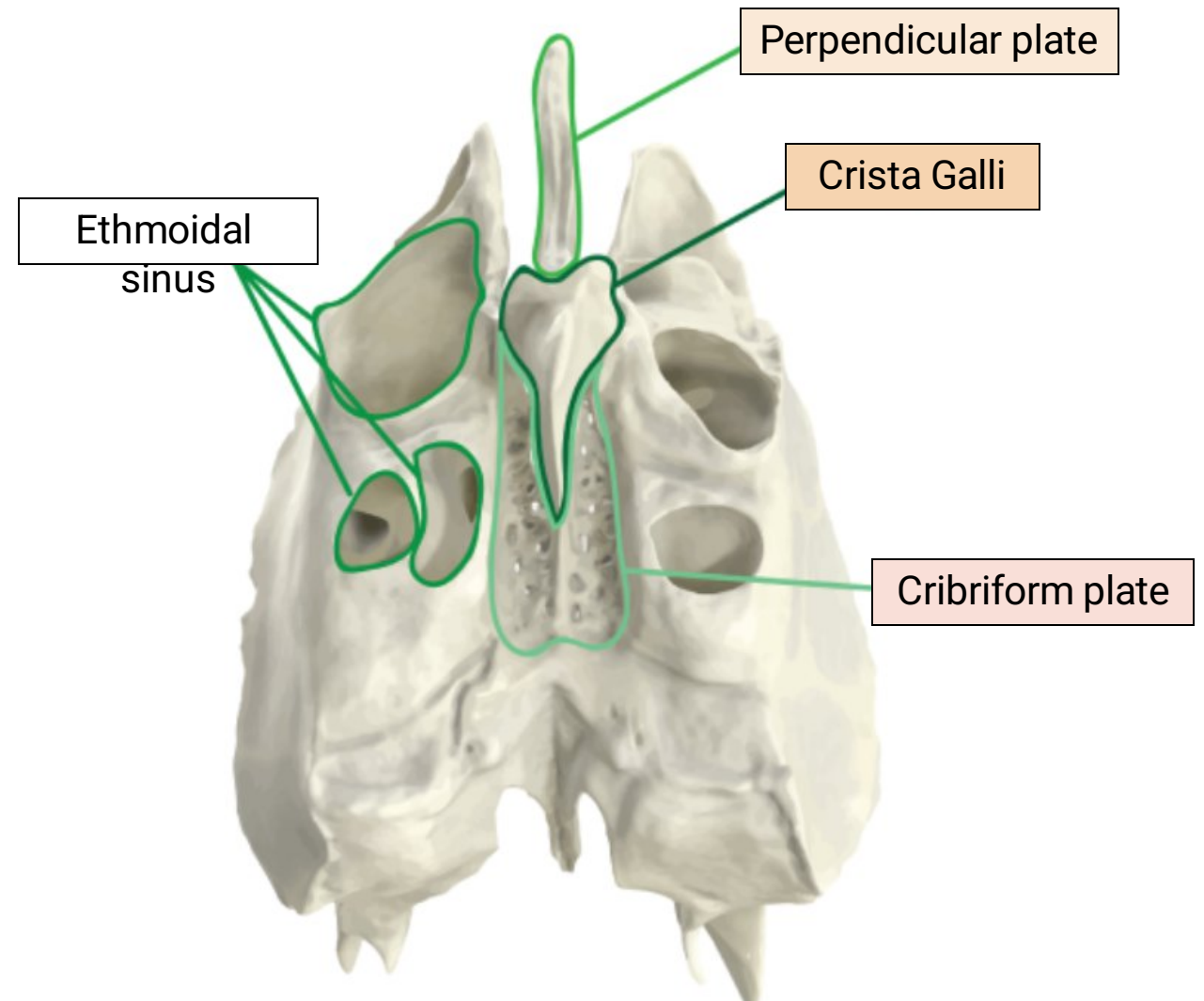
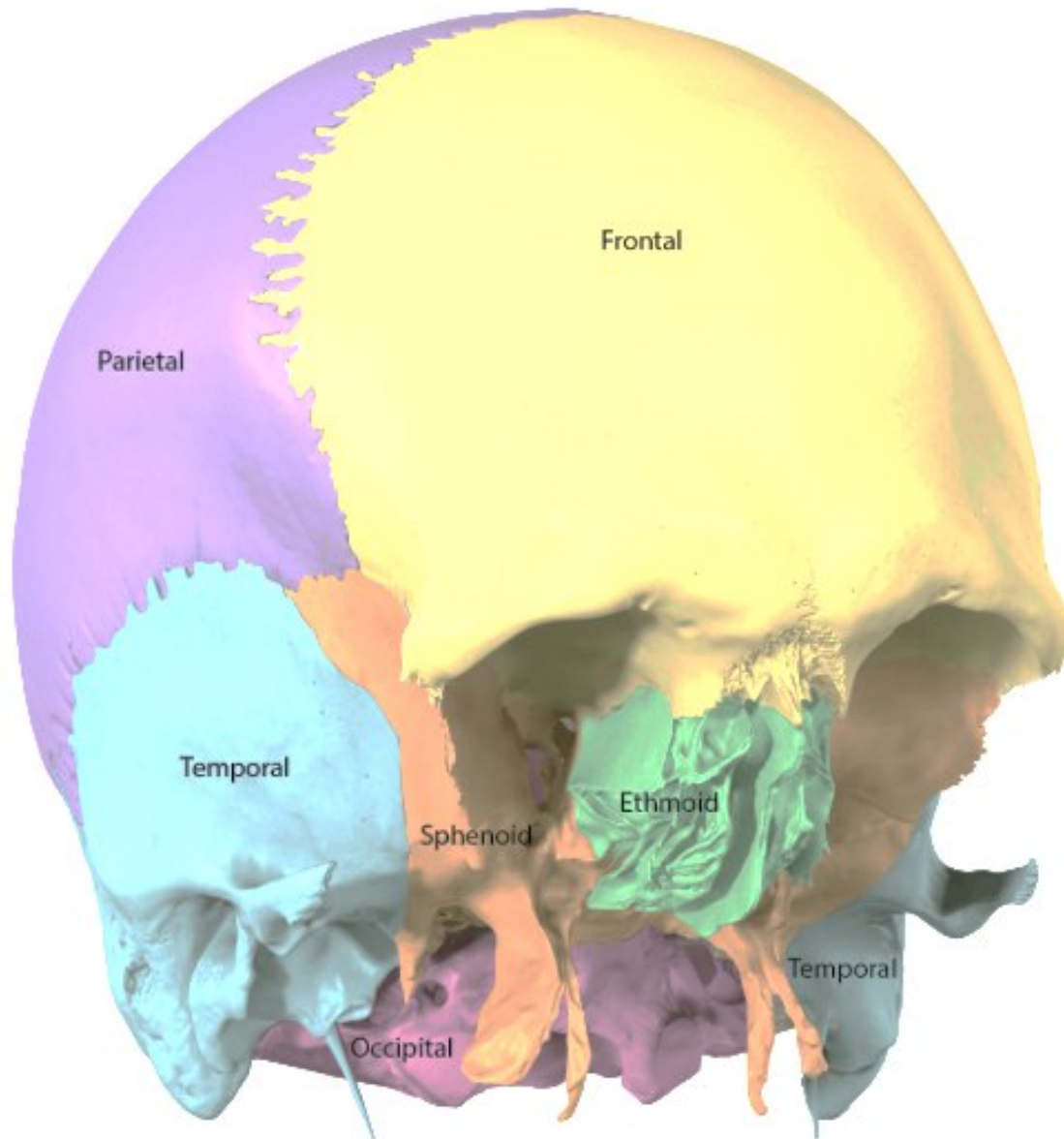
Skull; Norma interior

29



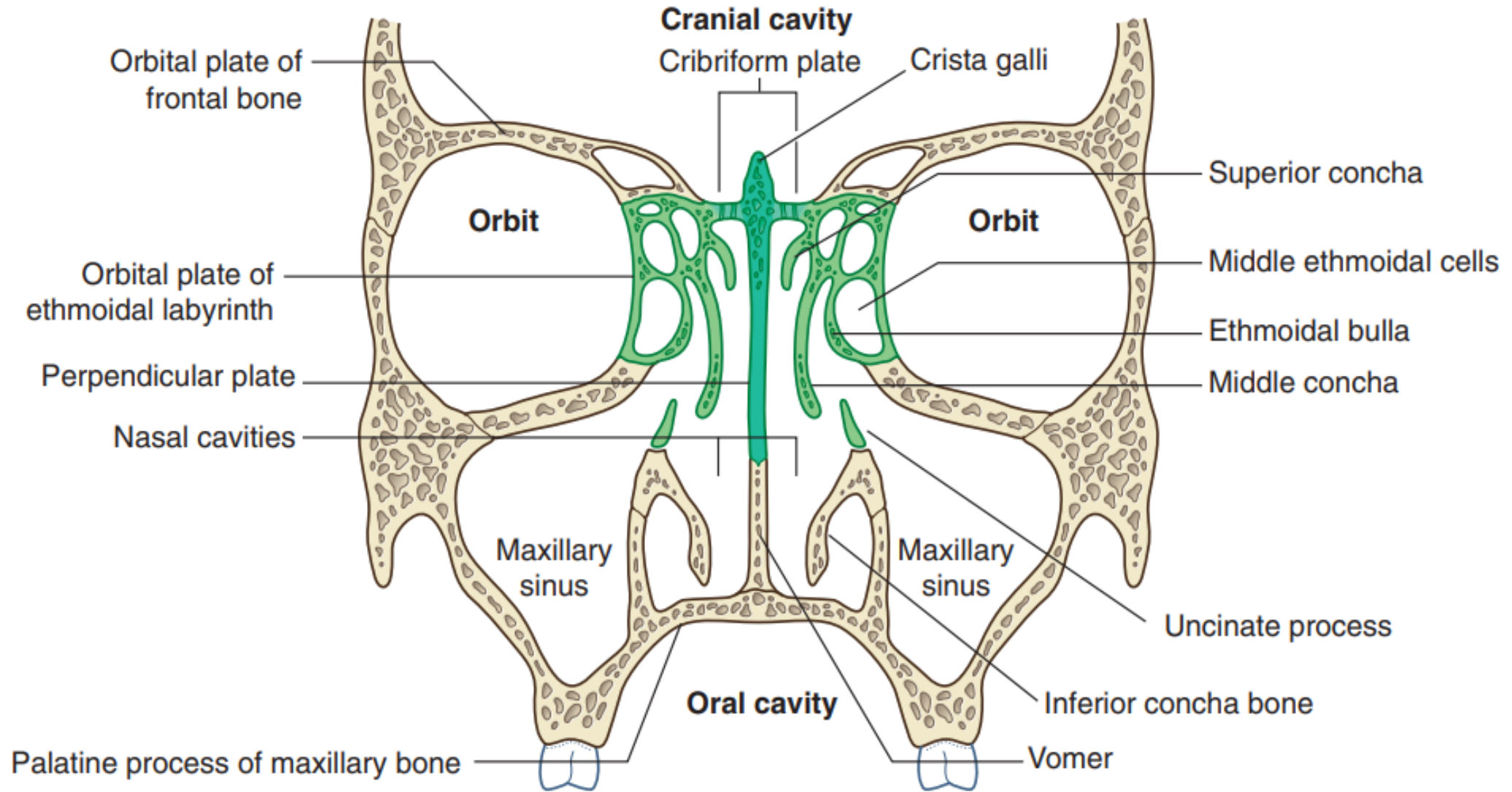
Ethmoid bone

30



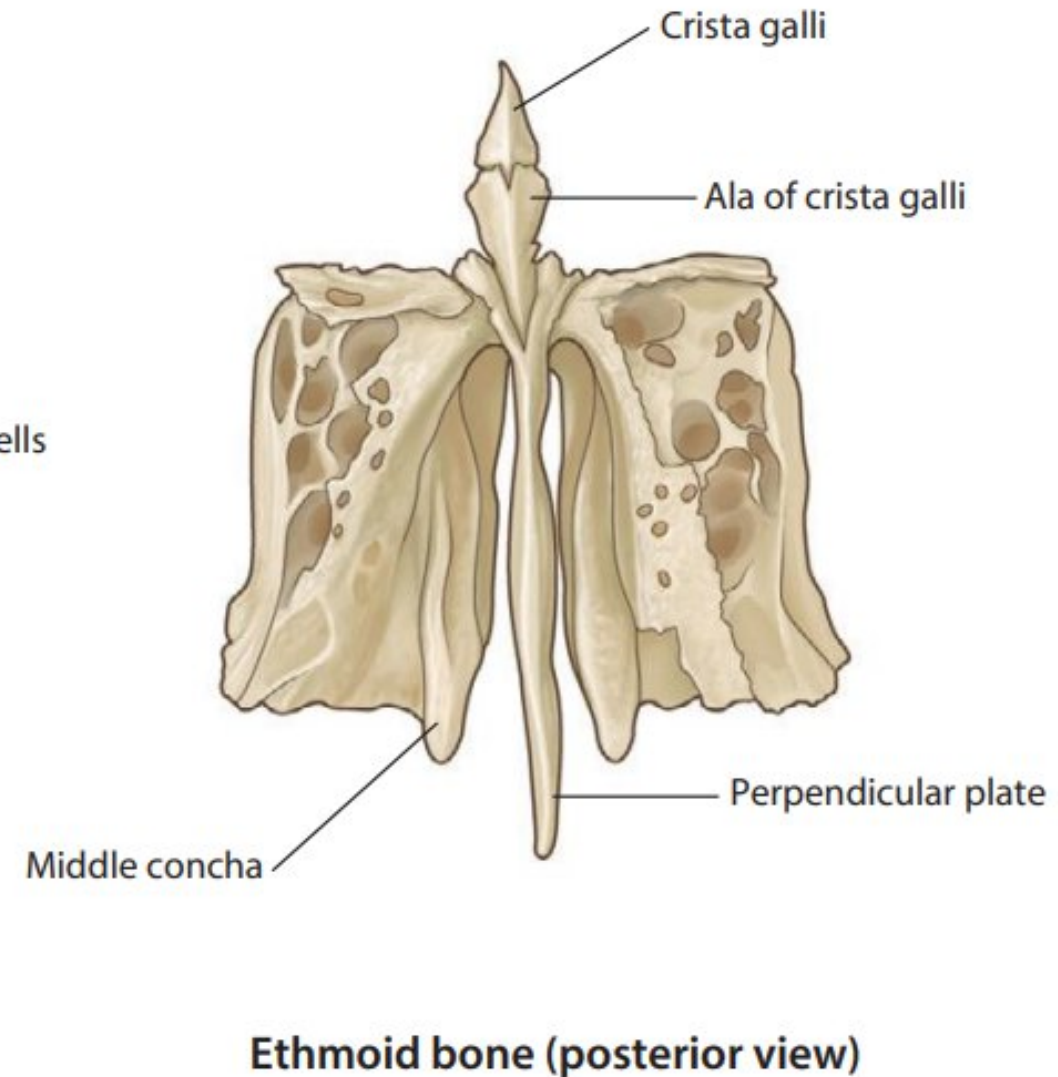
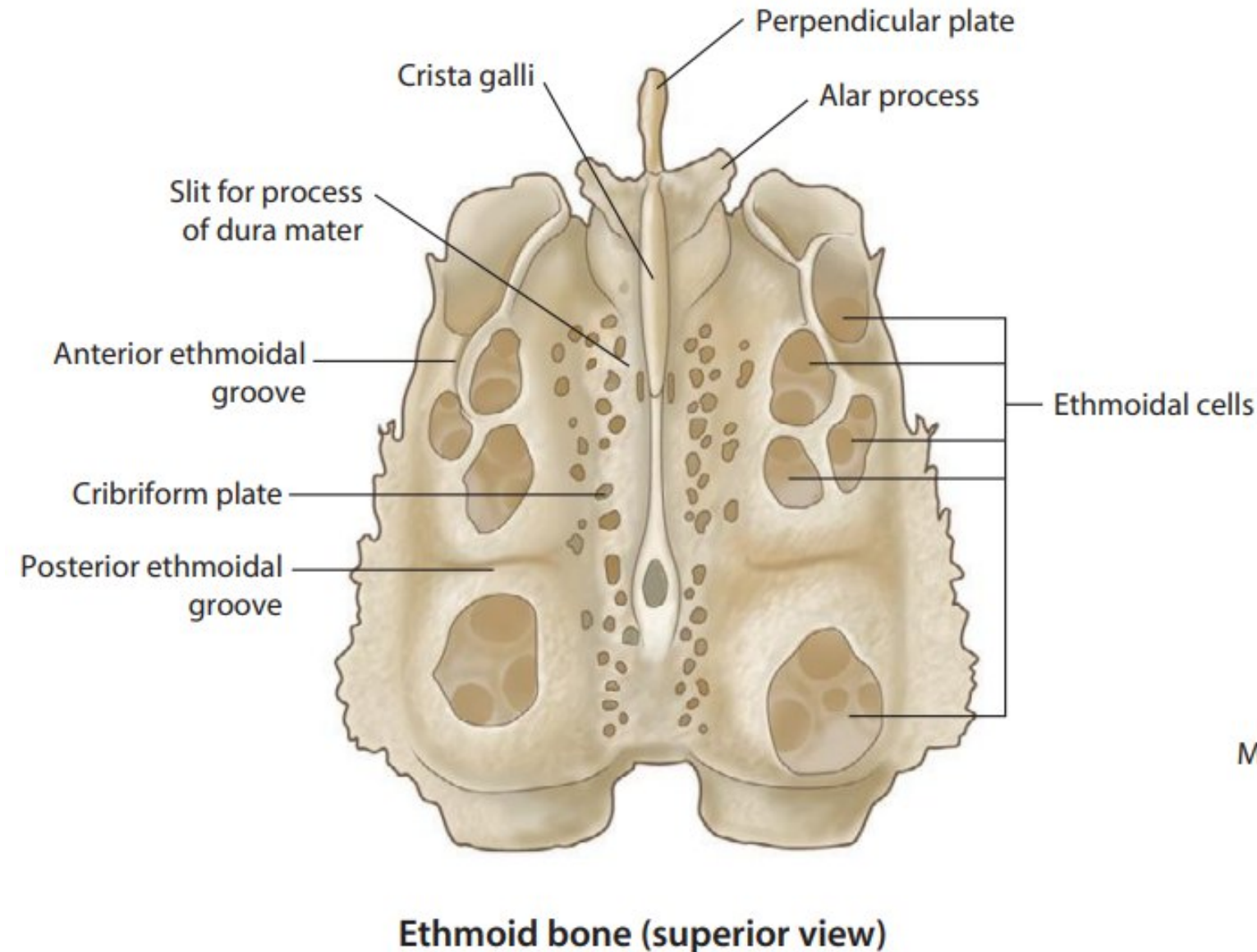
Ethmoid bone

31

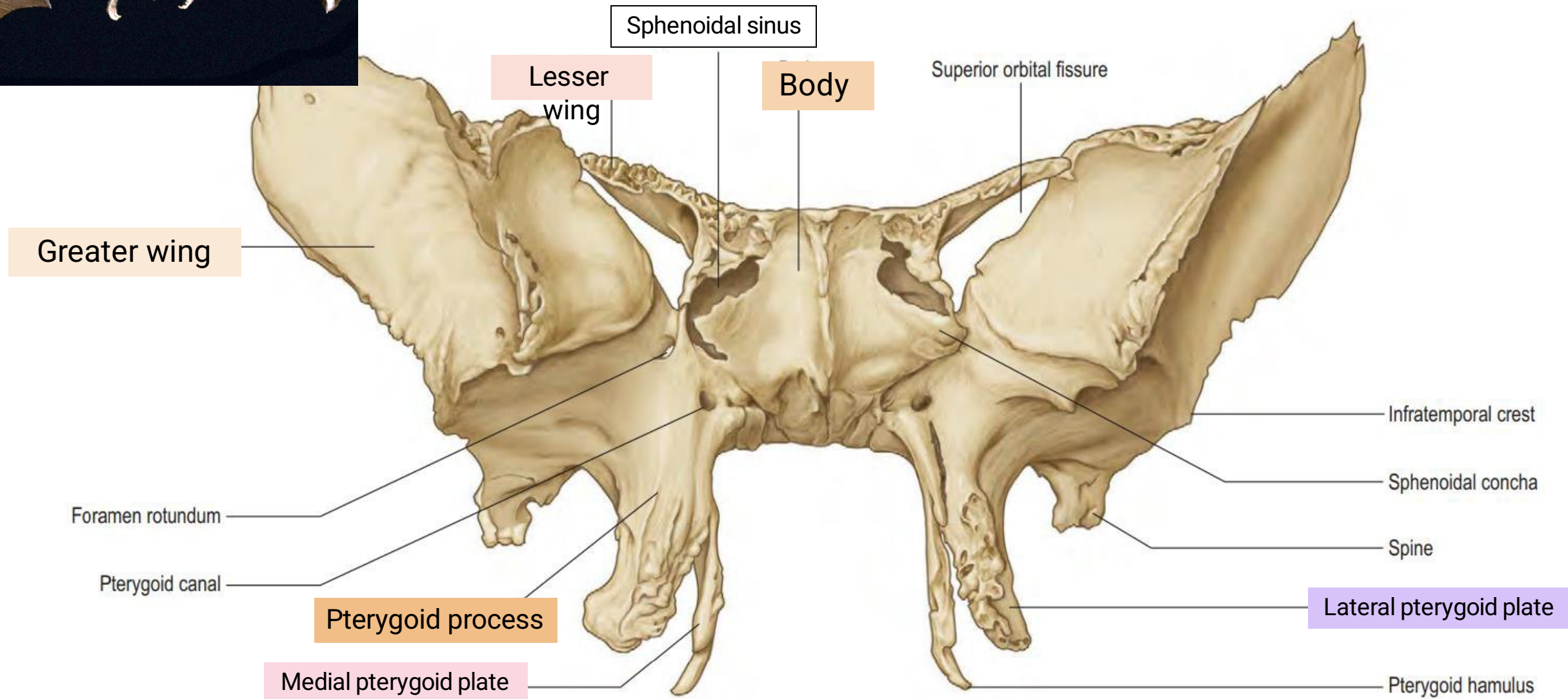


Ethmoid bone; Introduction

32

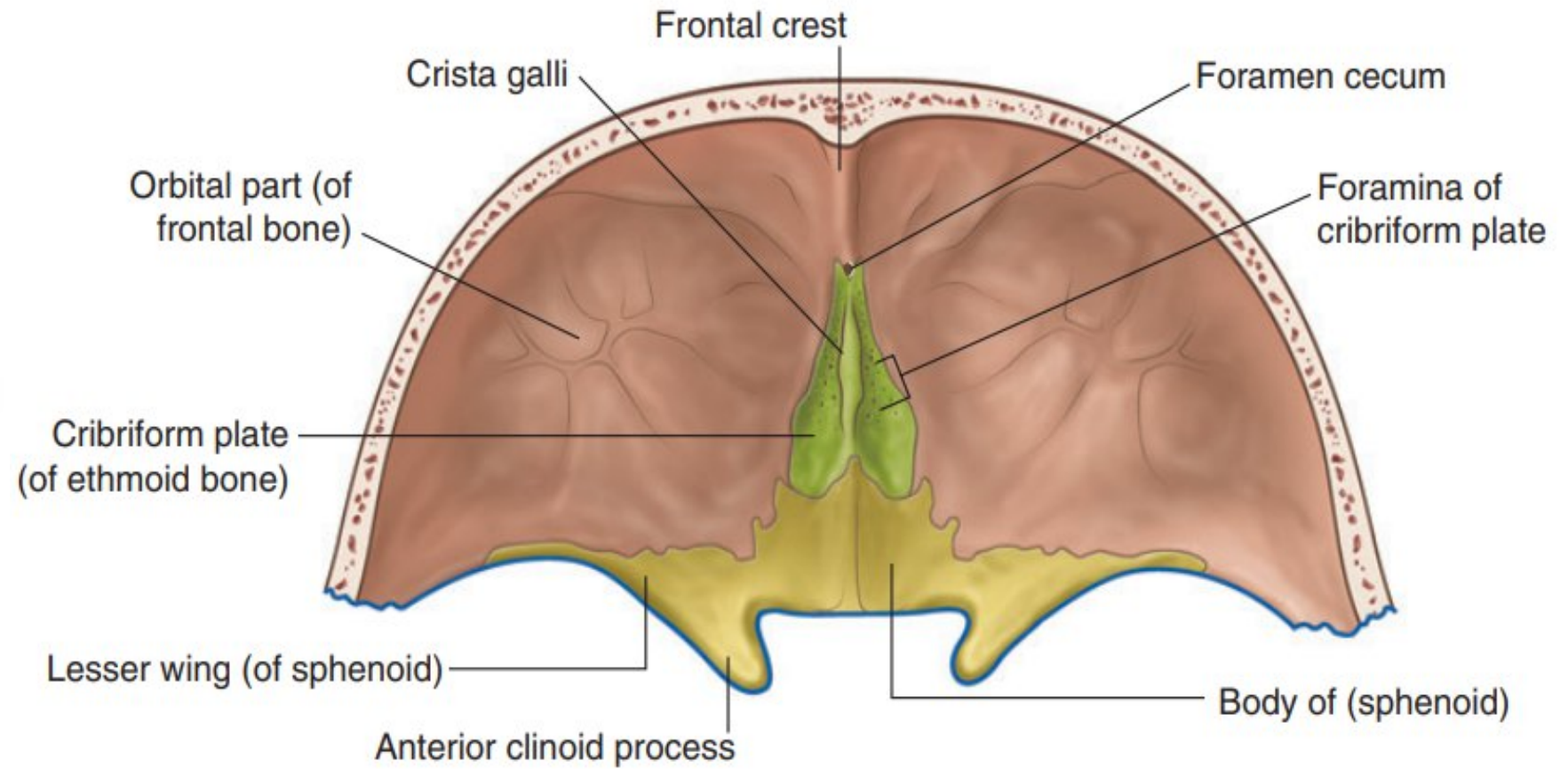
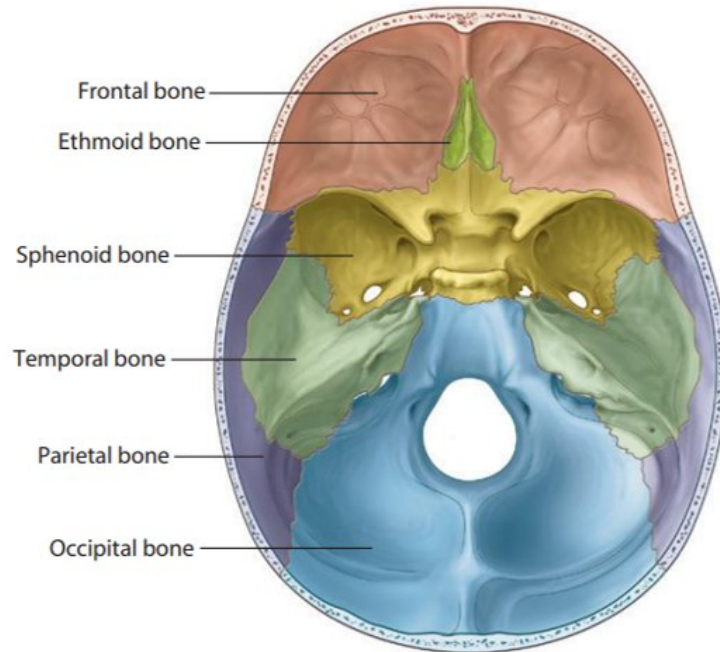


Sphenoid bone



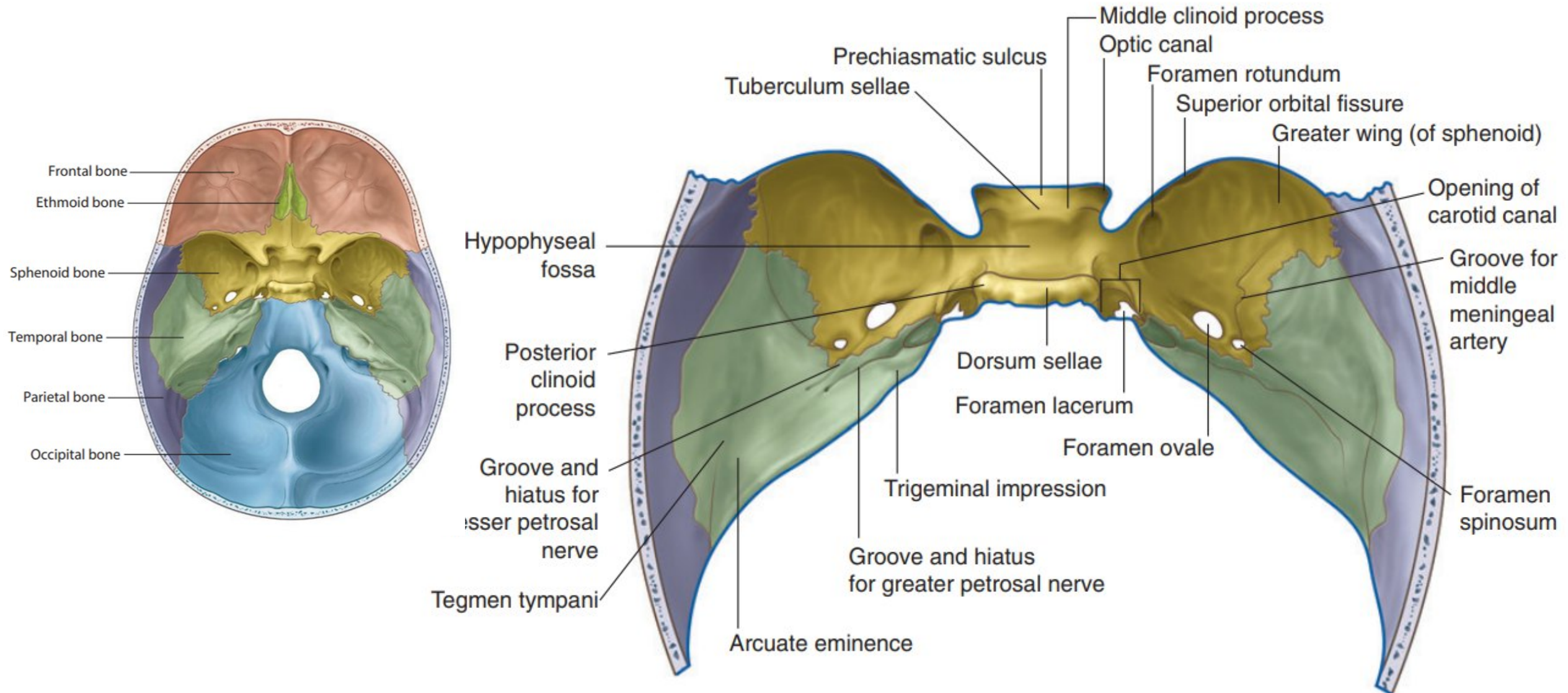
Skull; Norma interior

34



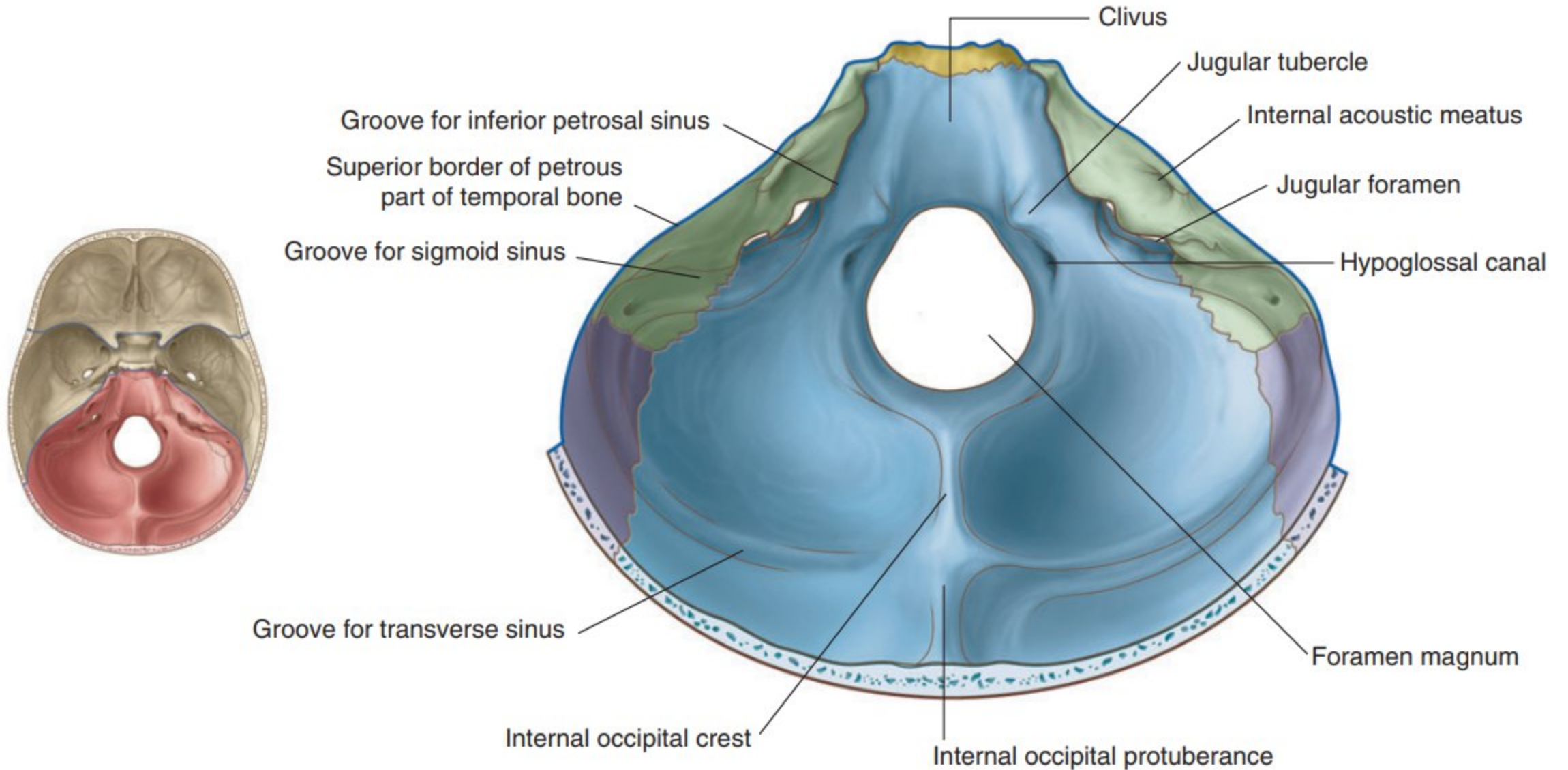
Skull; Norma interior

35



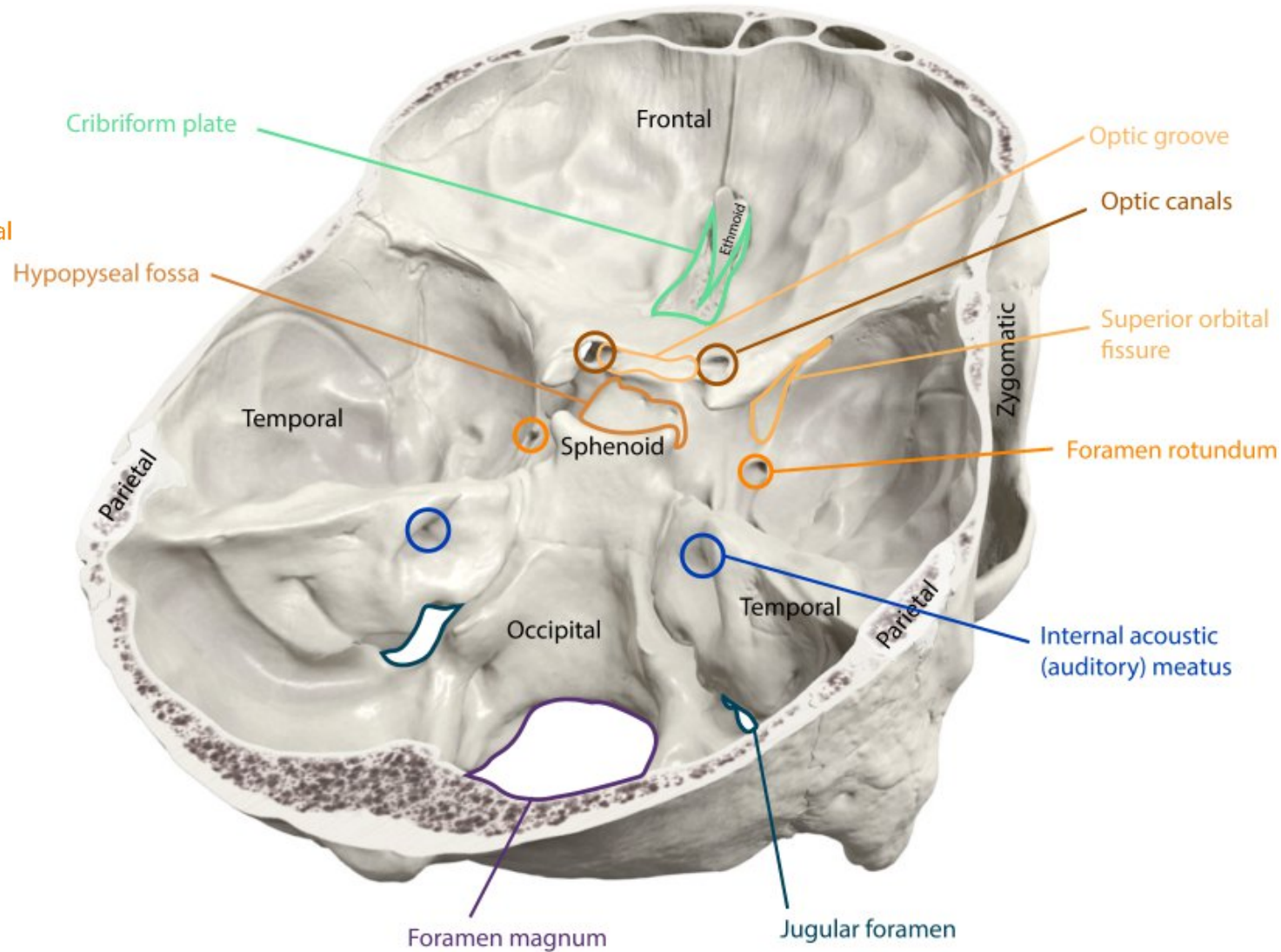
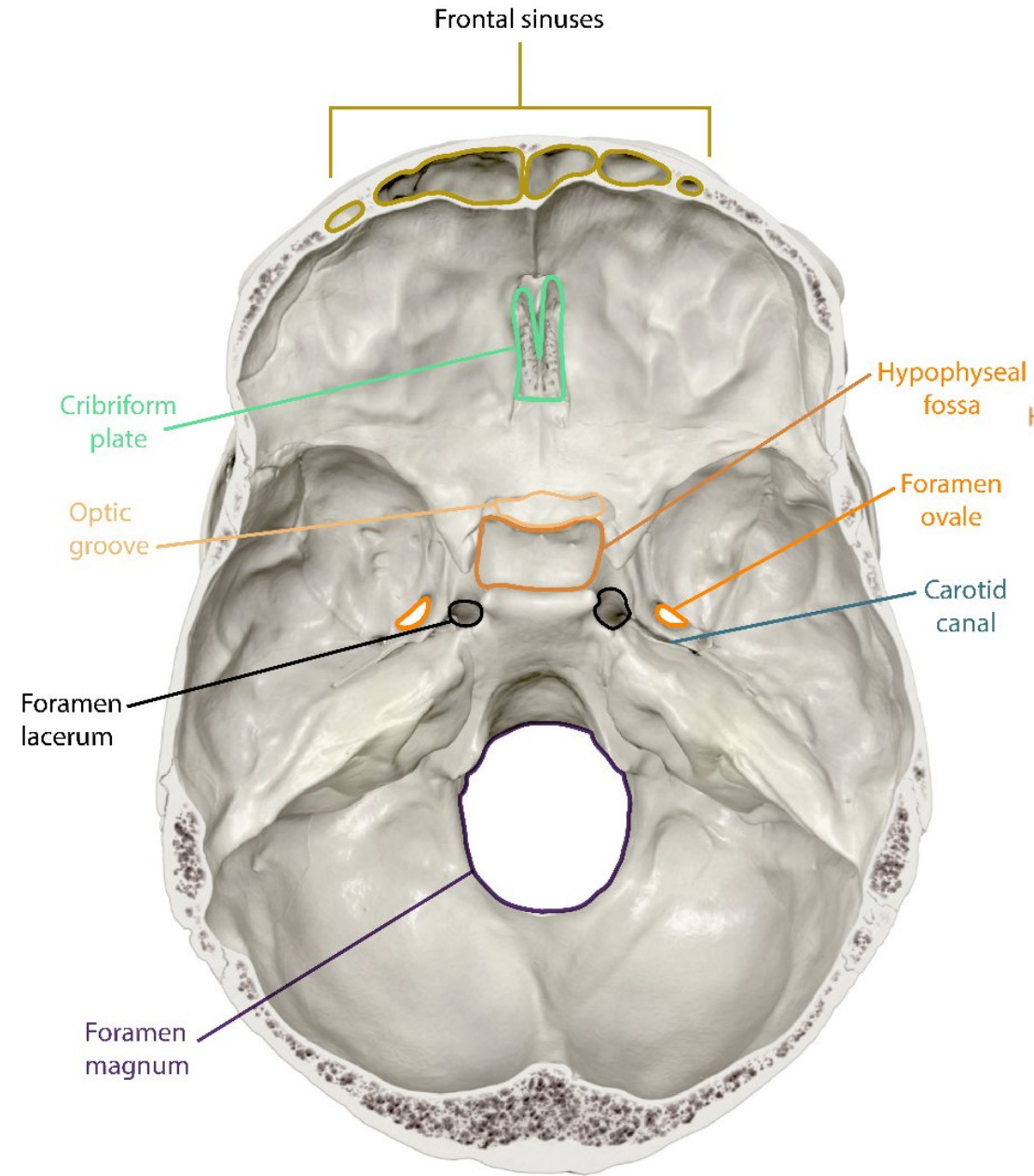
Skull; Norma interior

36

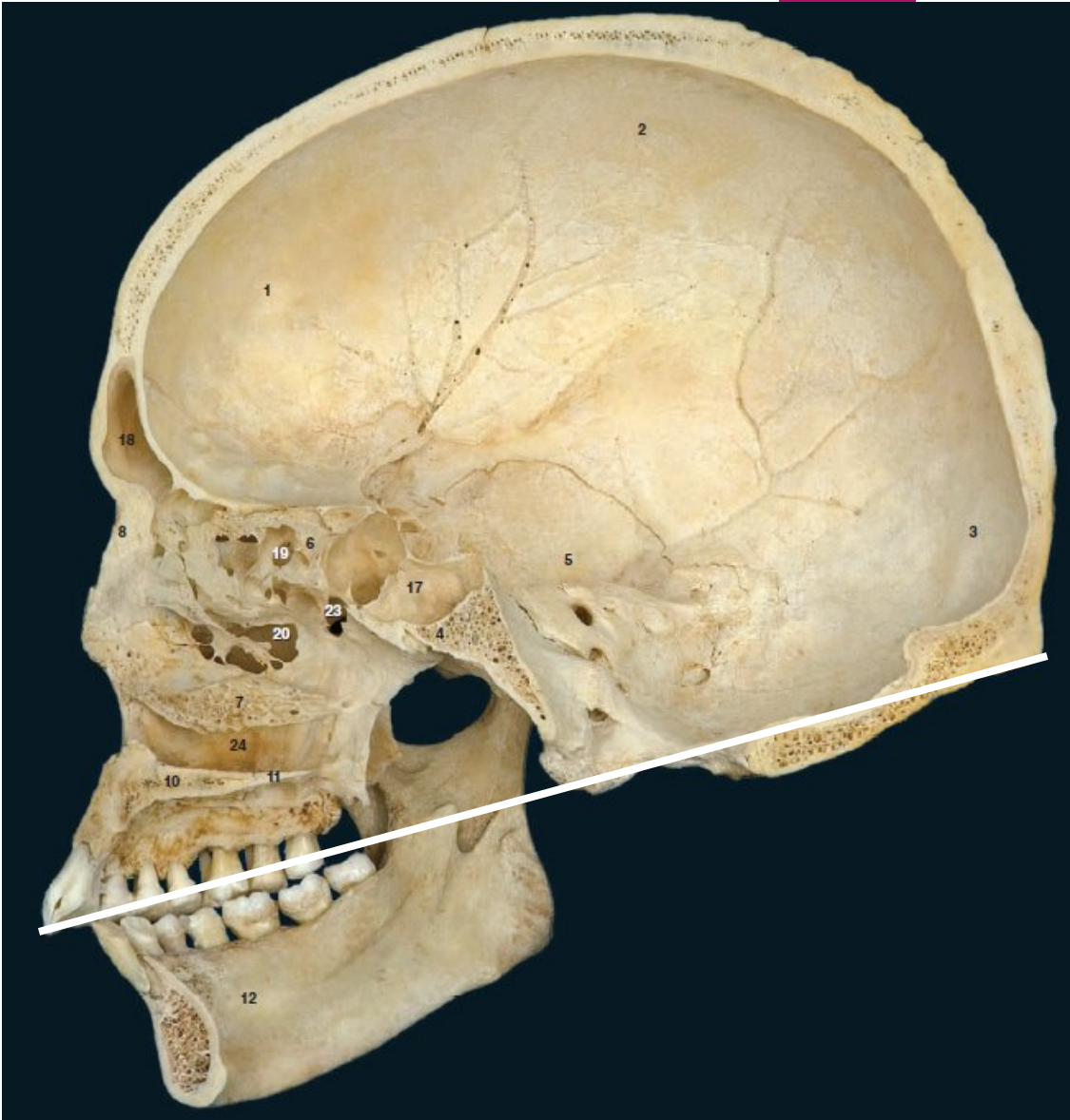
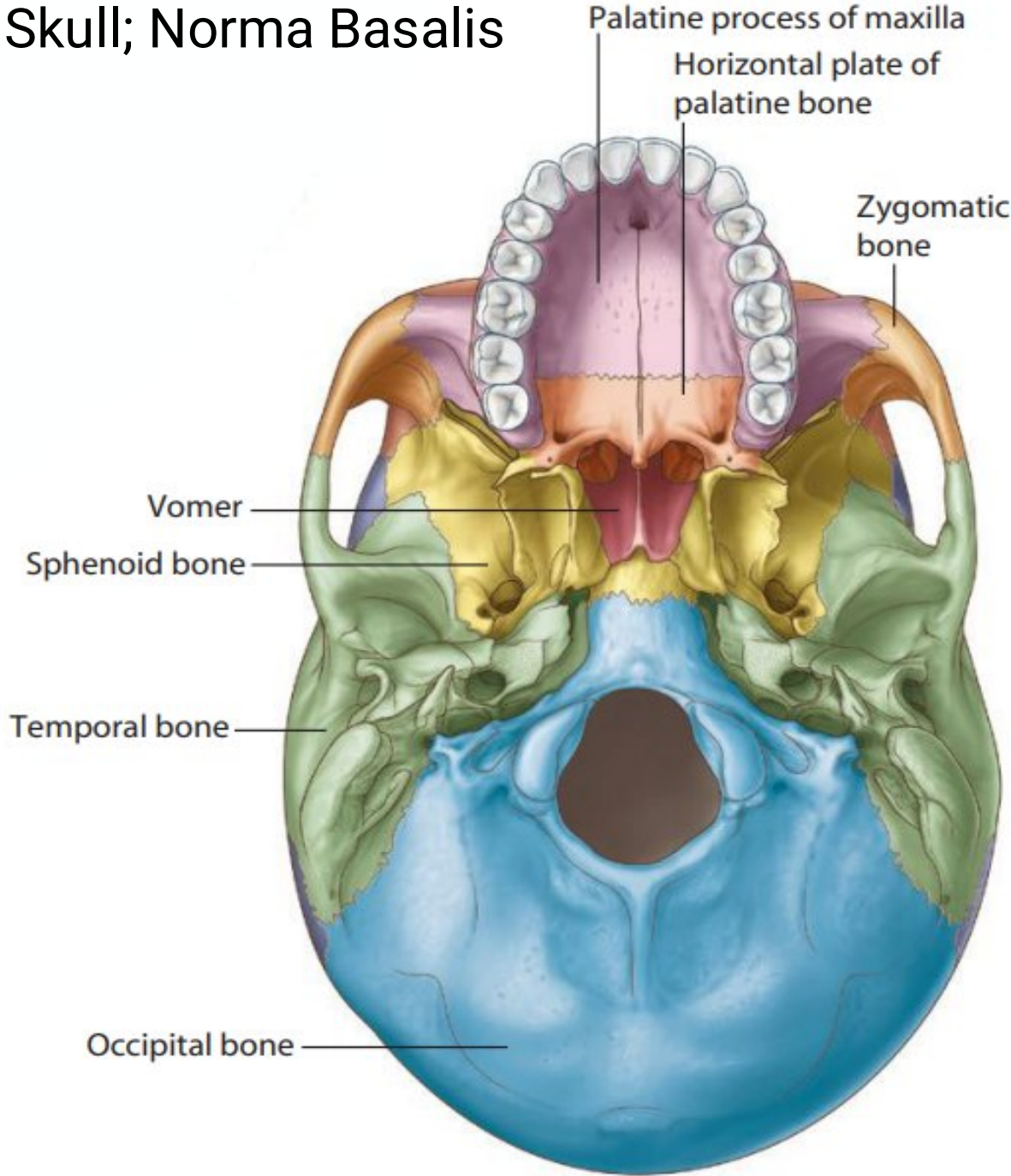


Skull; Norma interior

37

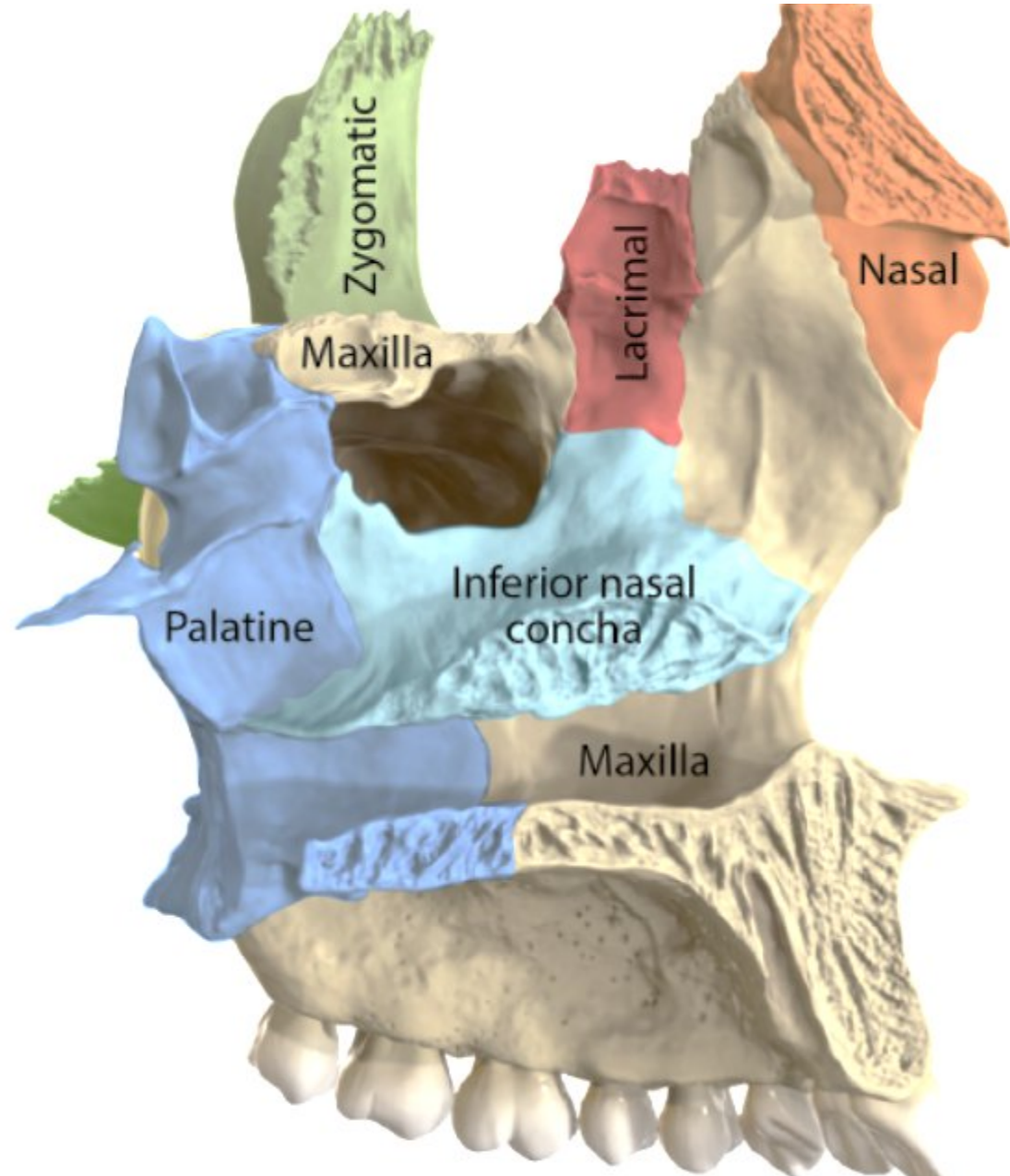
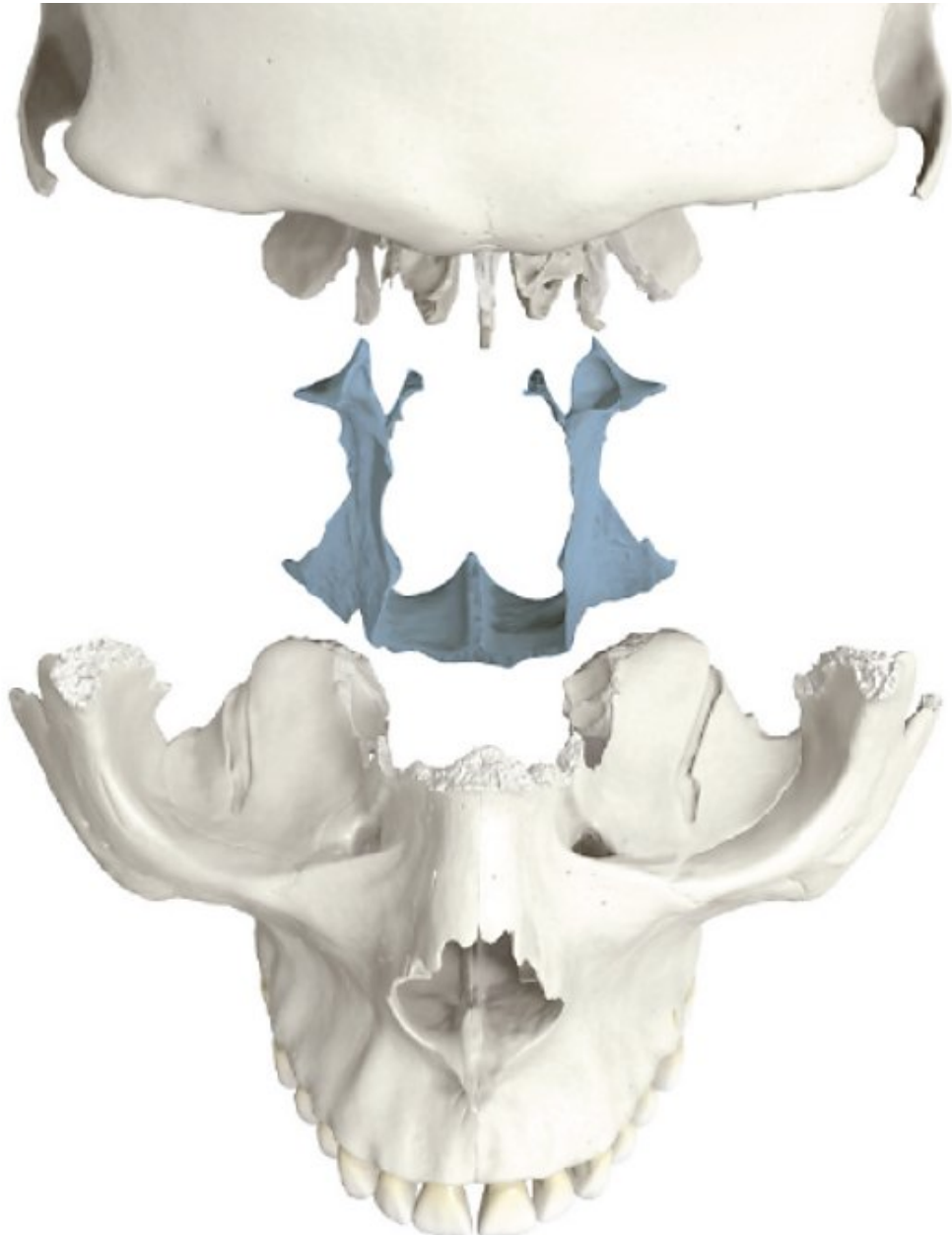


Skull; Norma Basalis



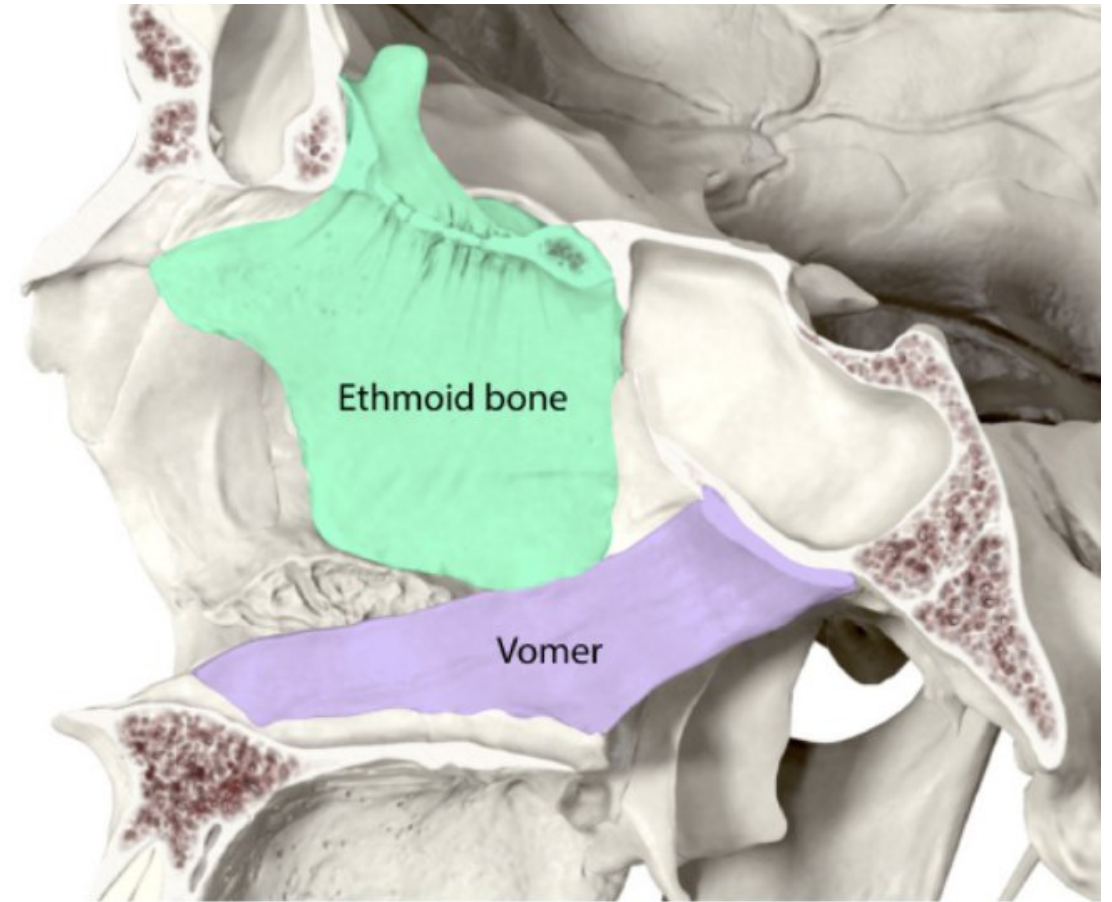
Palatine bones

39

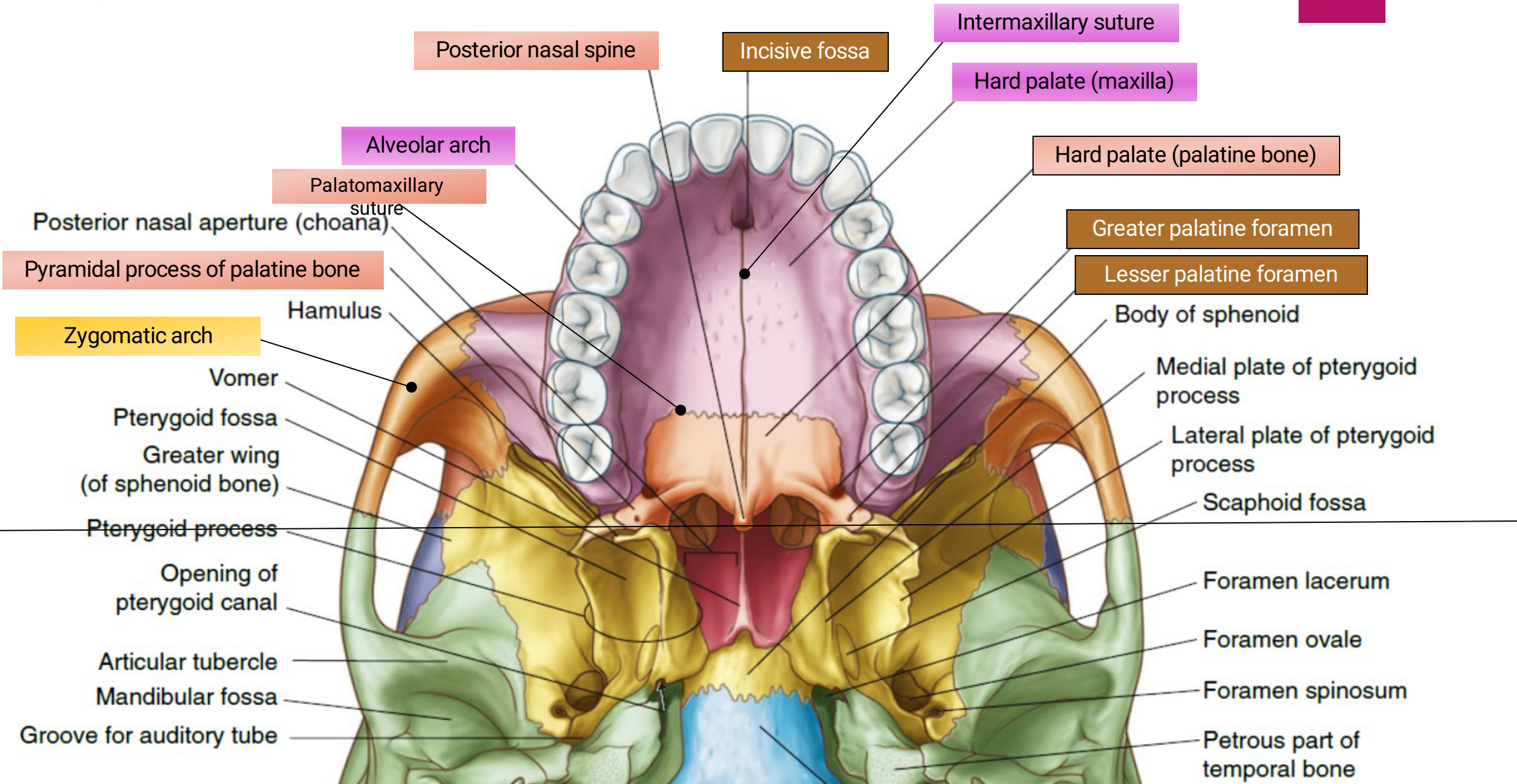


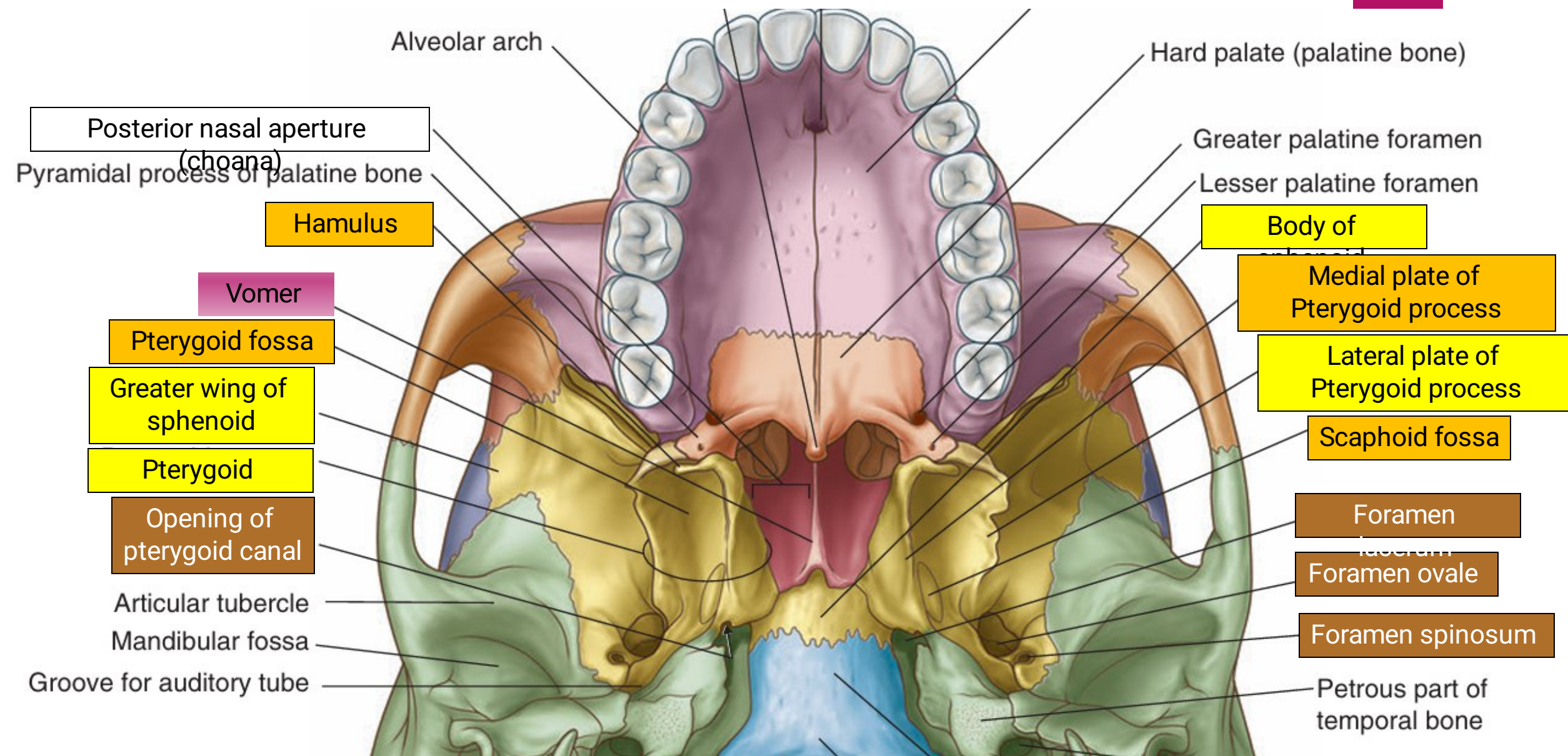
Vomer bone

40



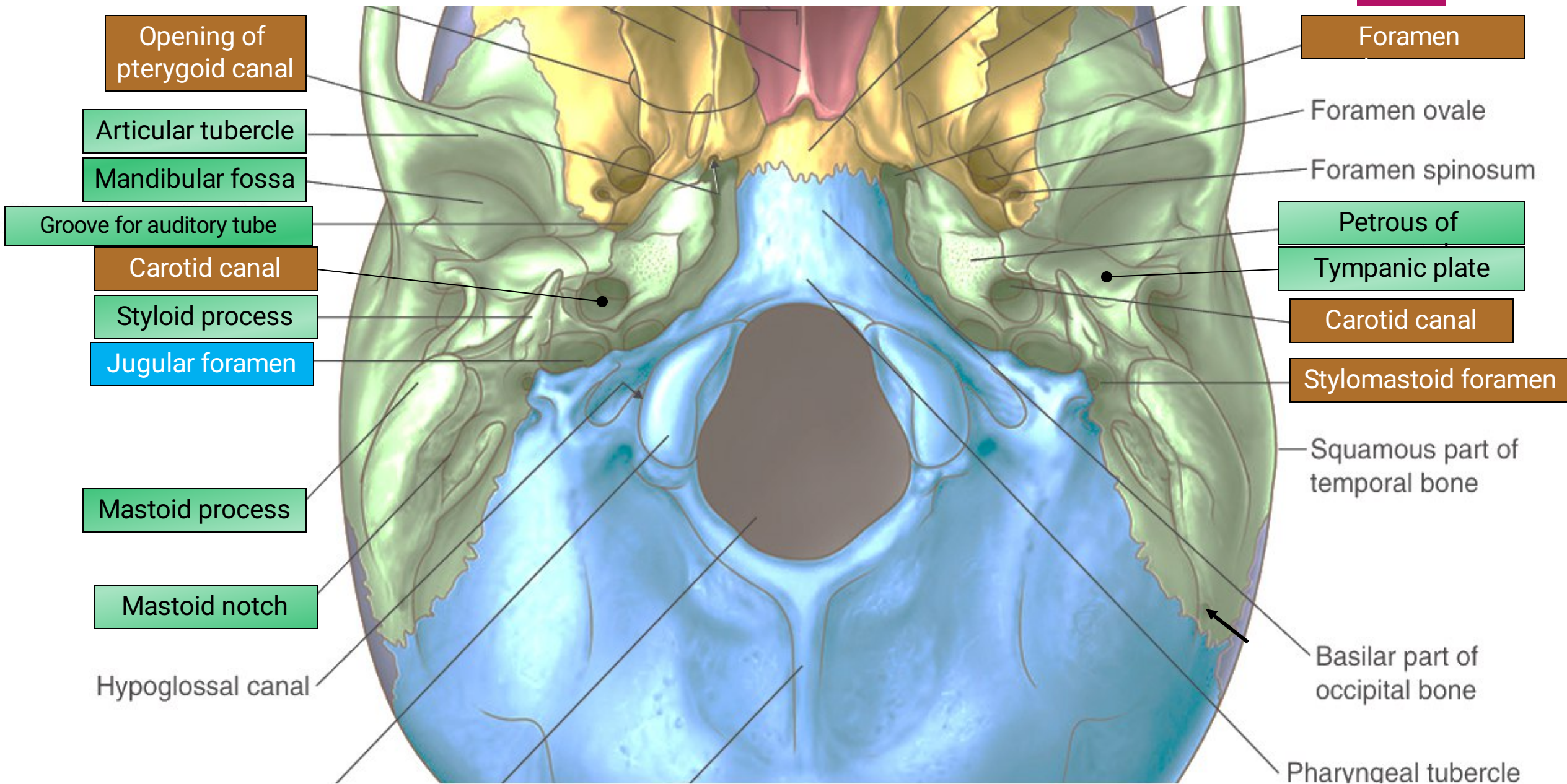
41

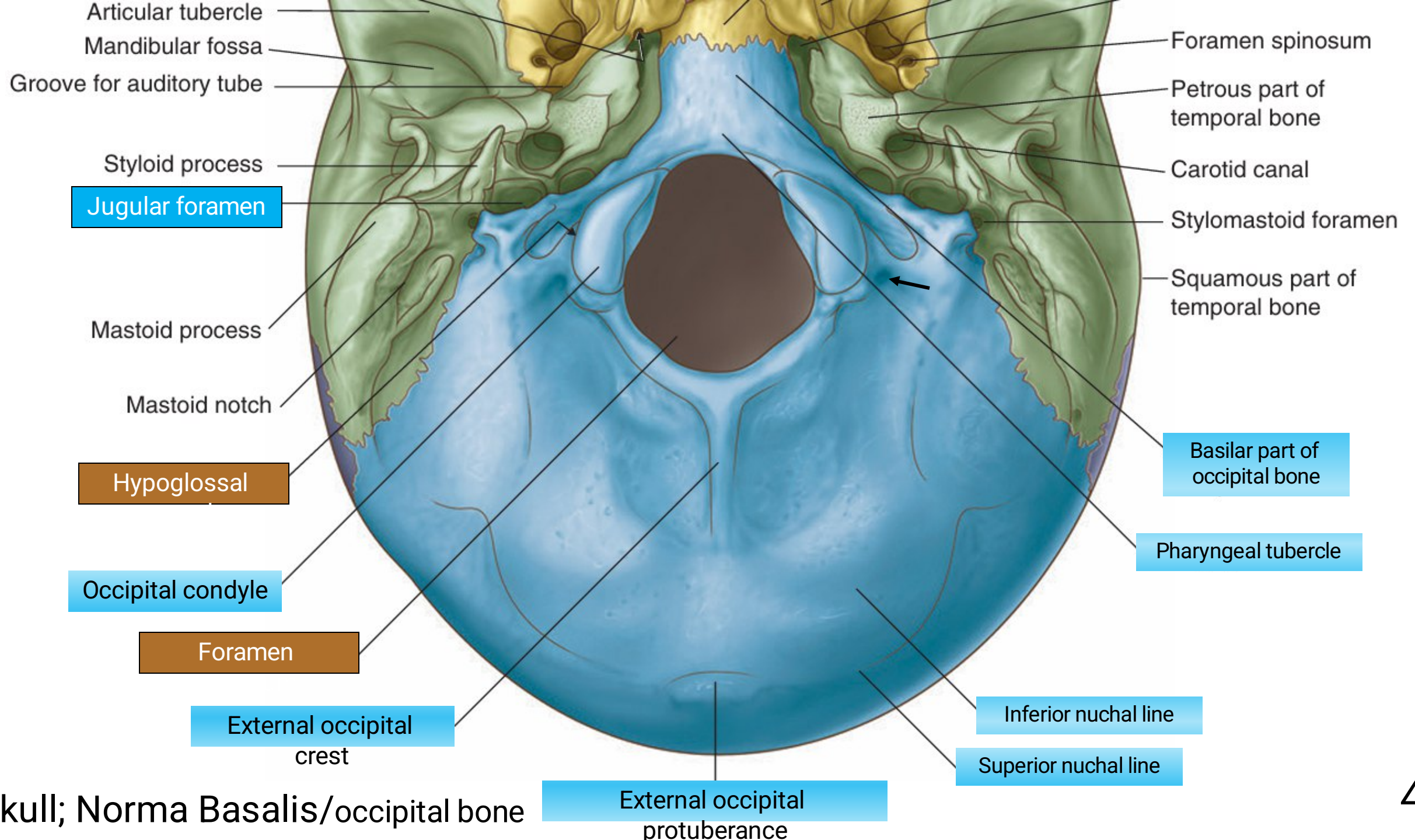




Skull; Norma Basalis/Temporal bone

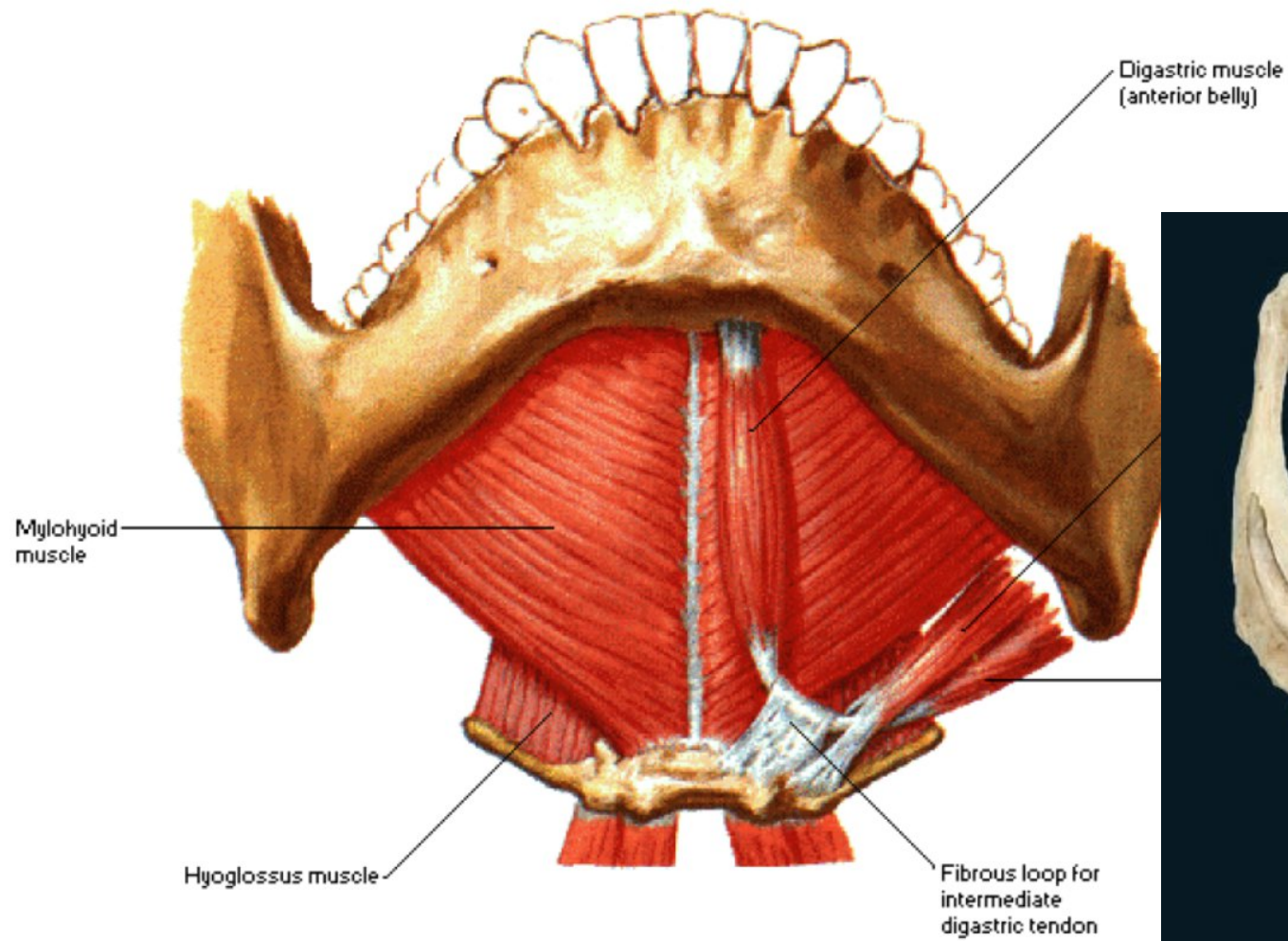
43





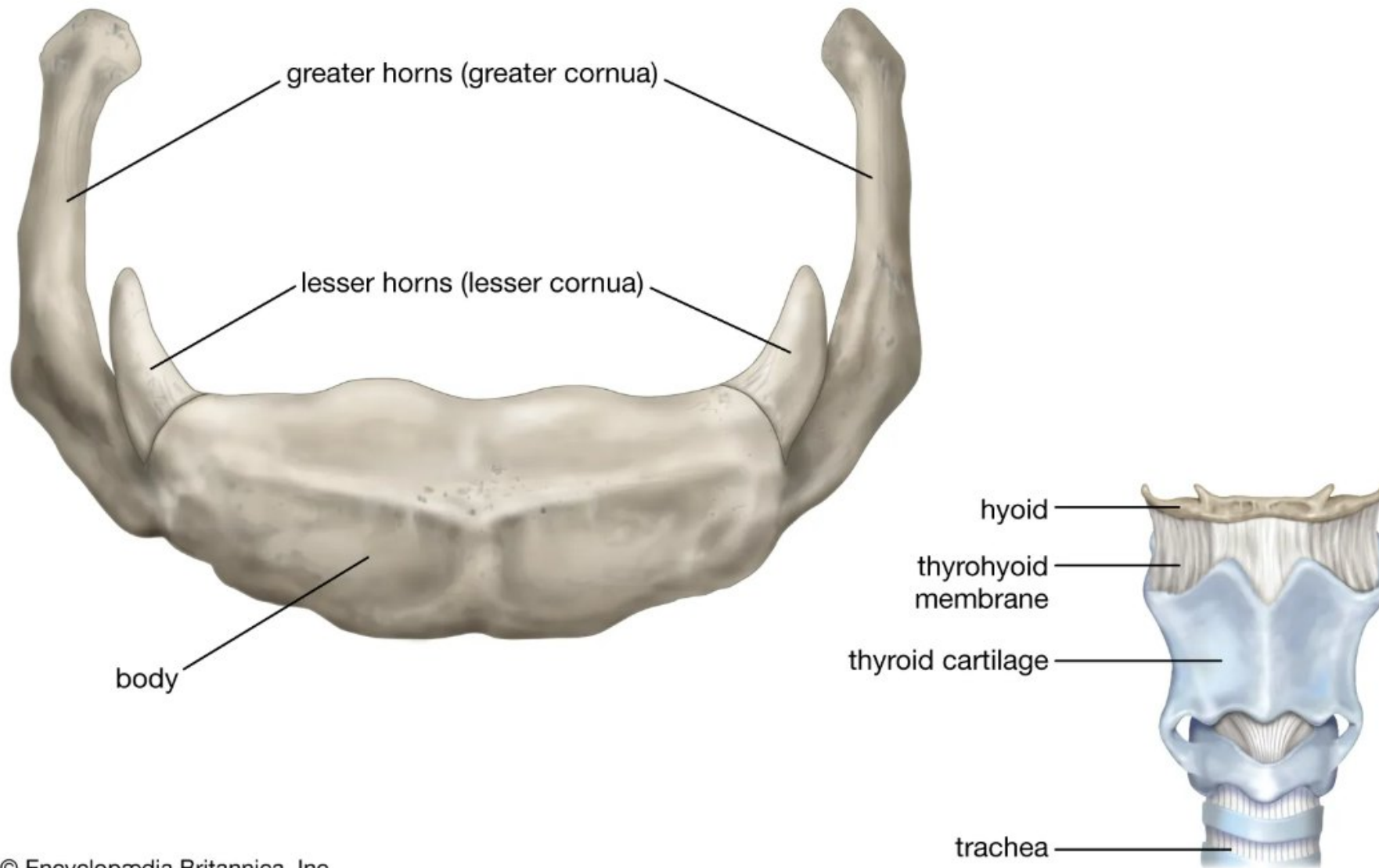
Hyoid bone

45



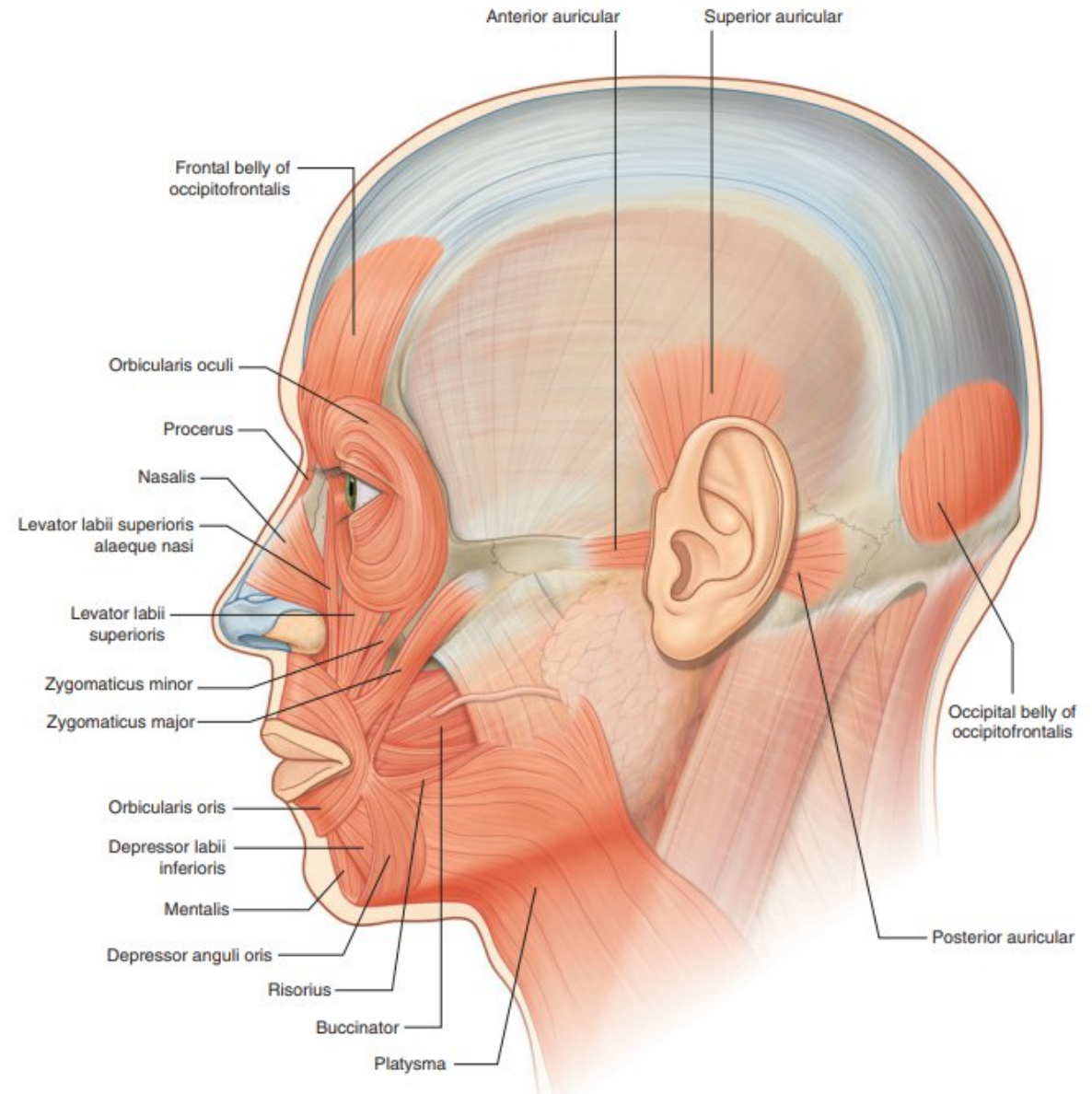
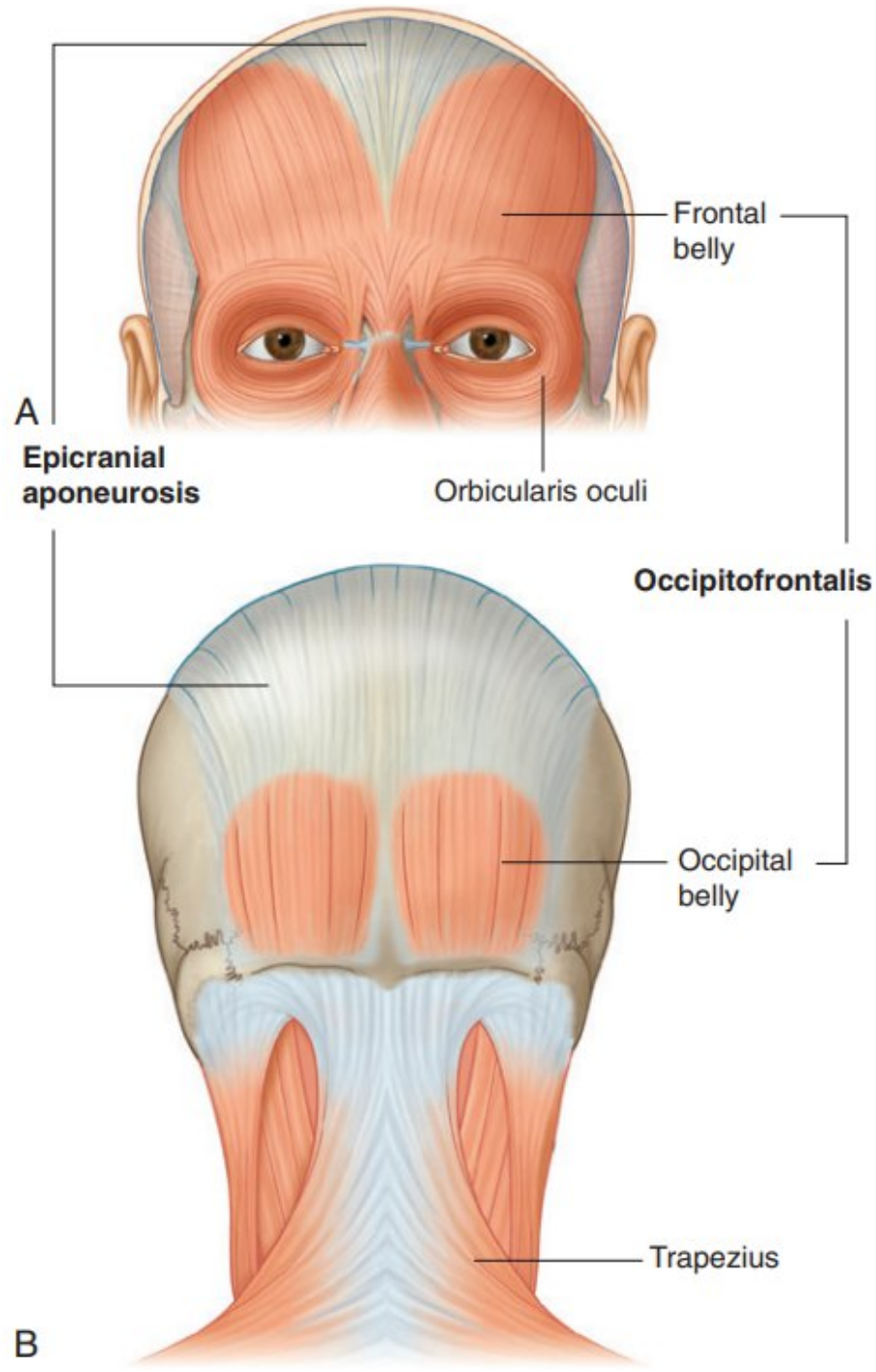
Hyoid bone

46



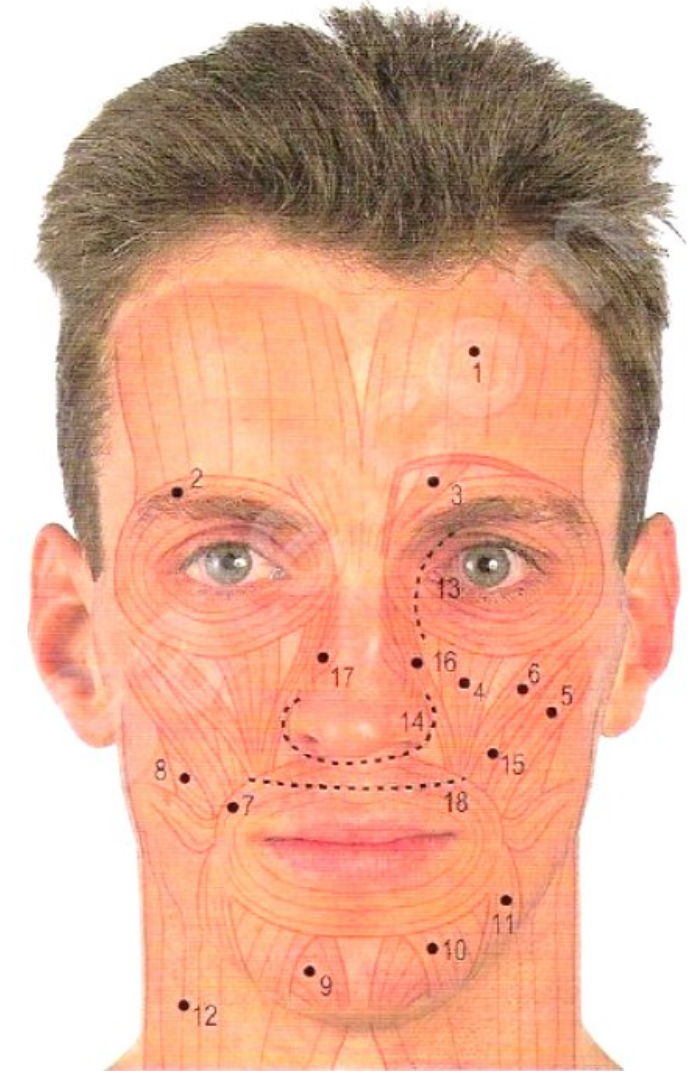
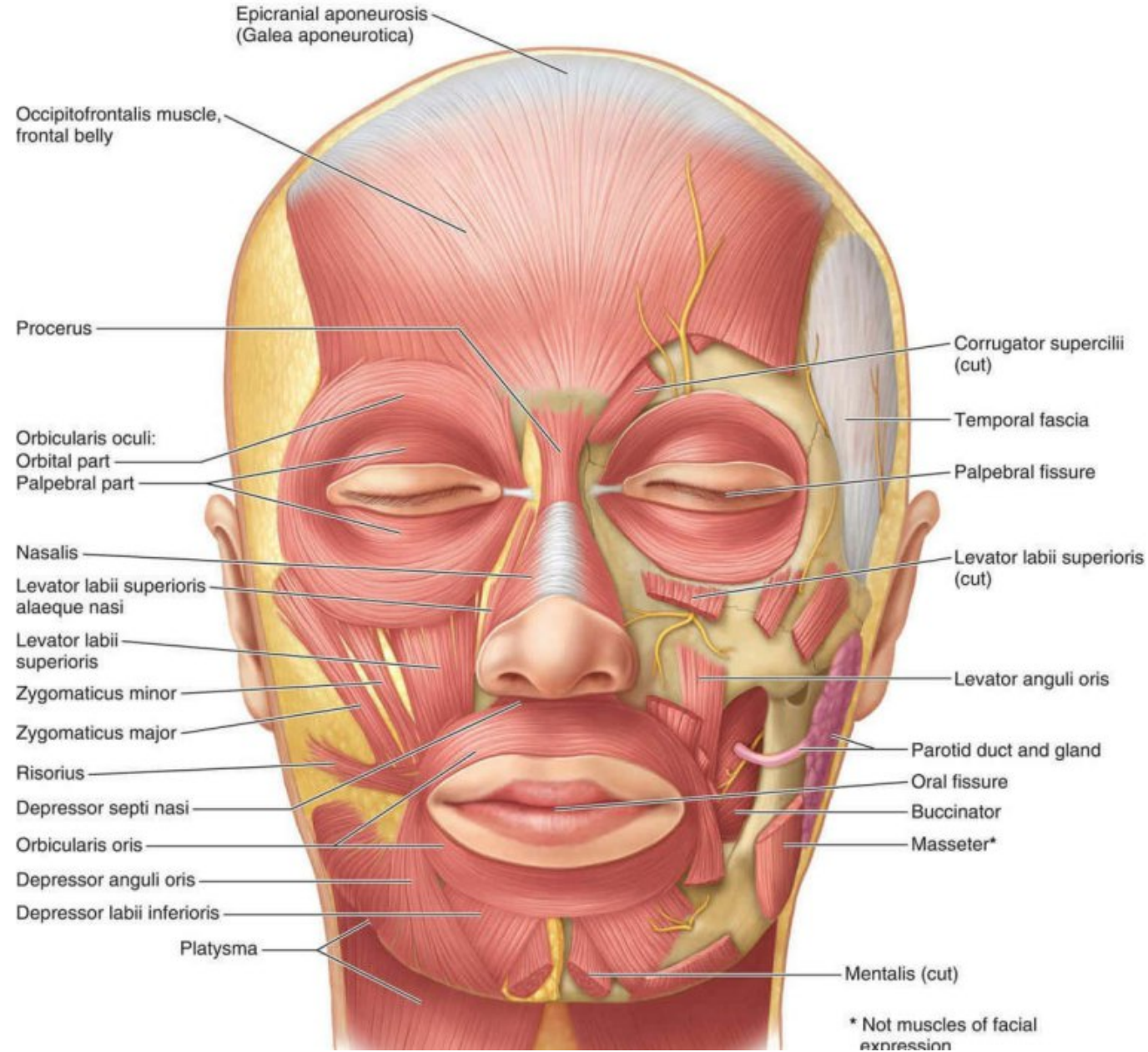
Muscles of head & neck

Occipitofrontalis



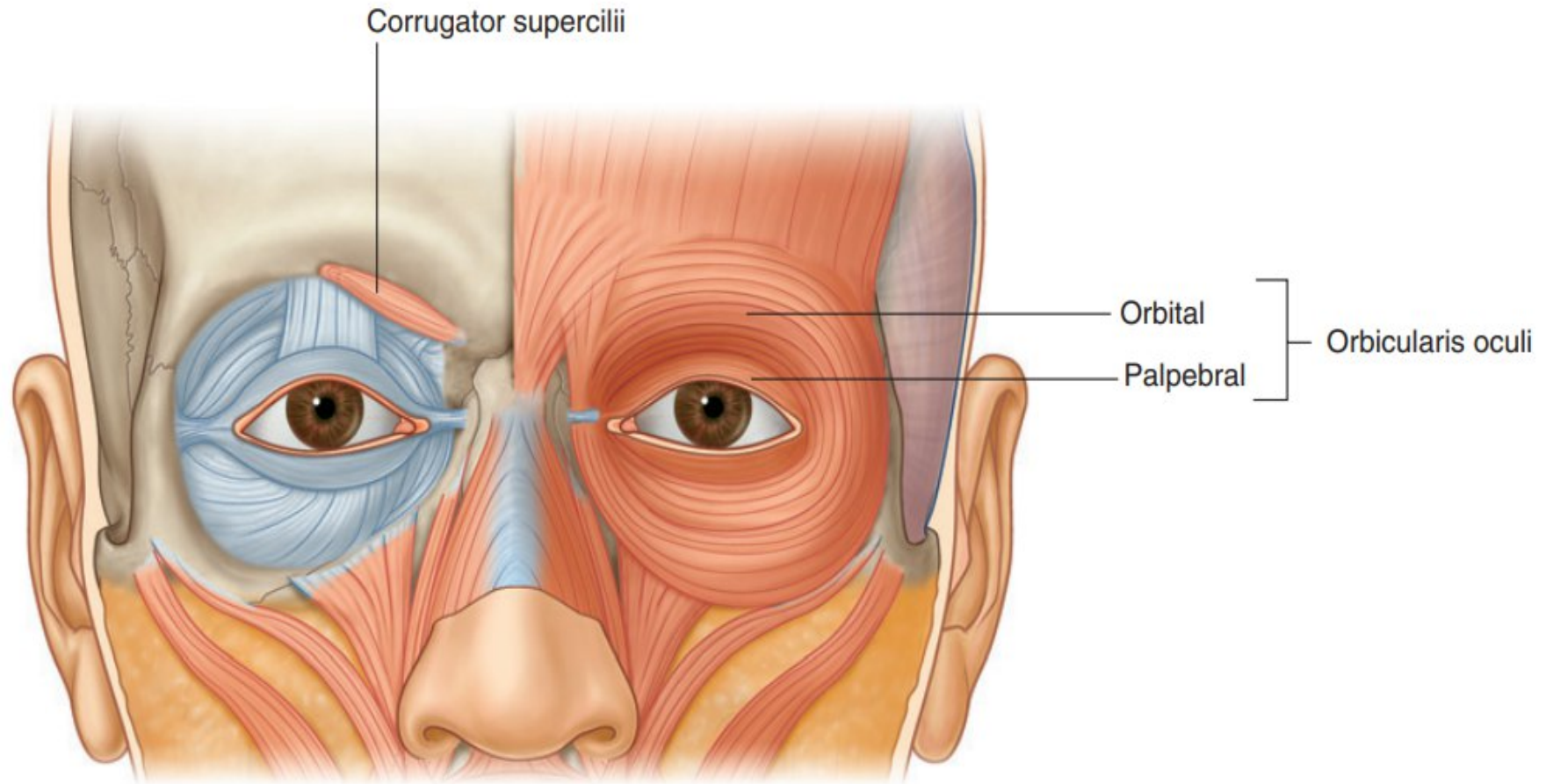
Facial expression muscles

49



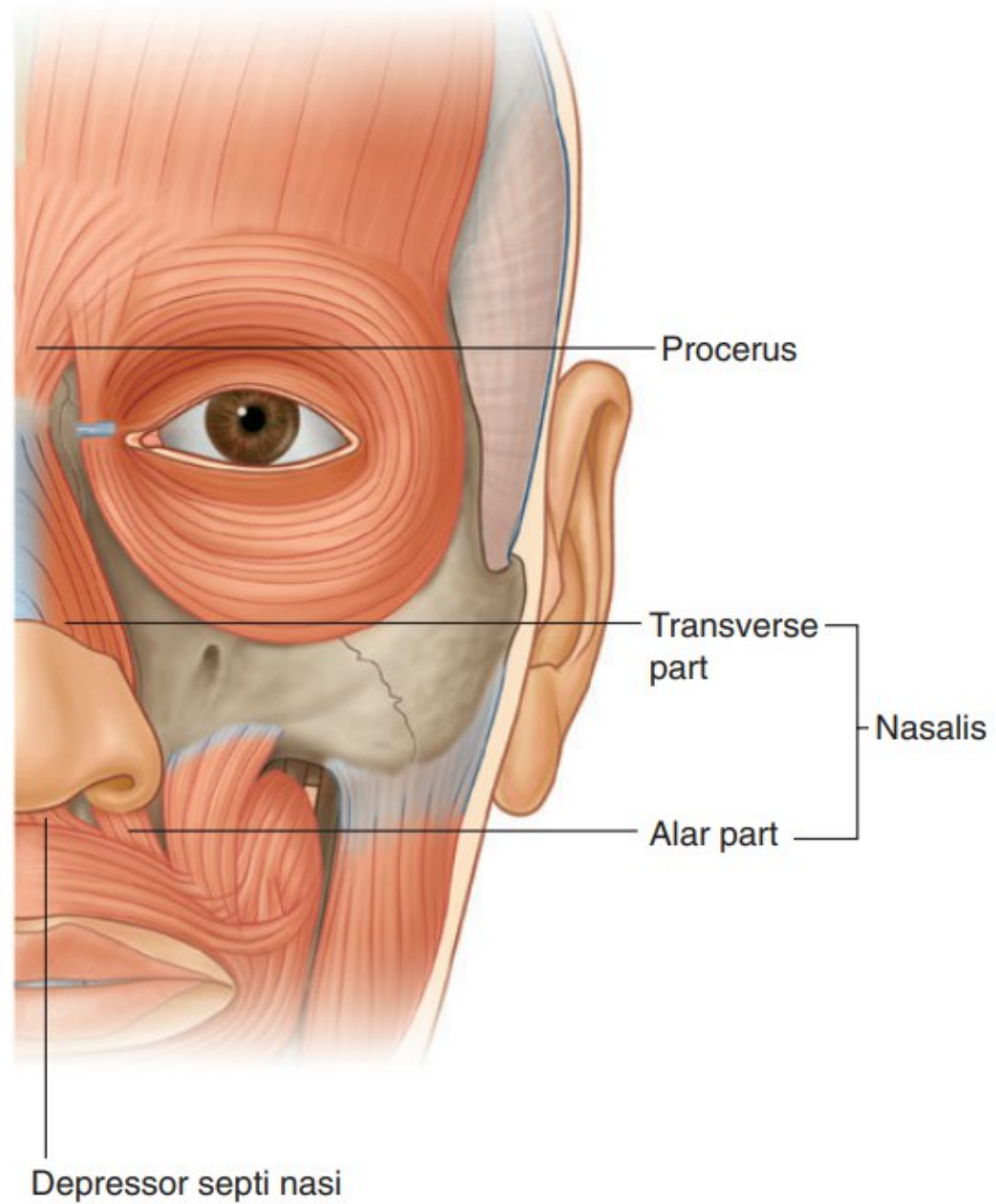
Orbicularis oculi

50



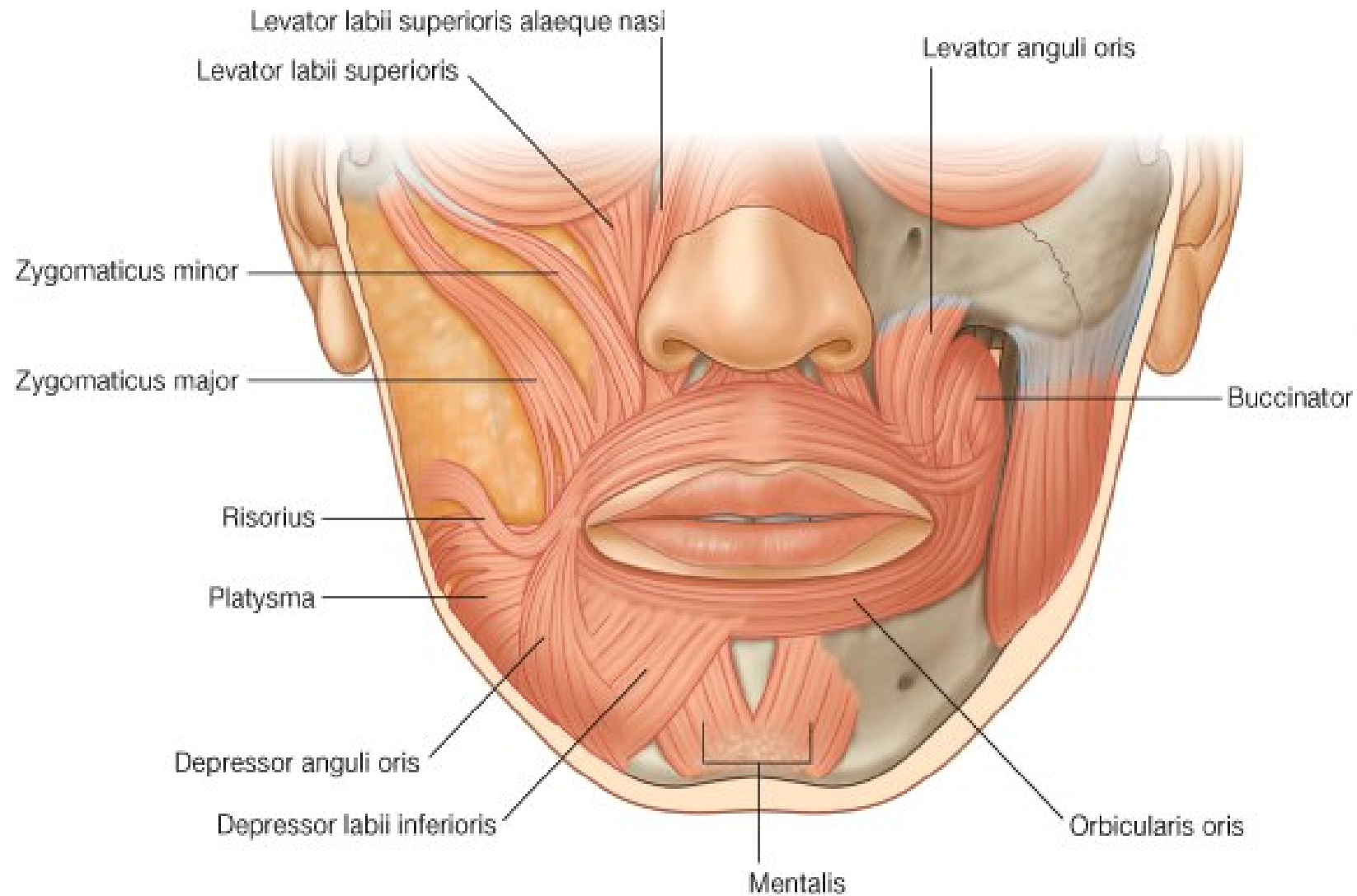
Nasalis

51



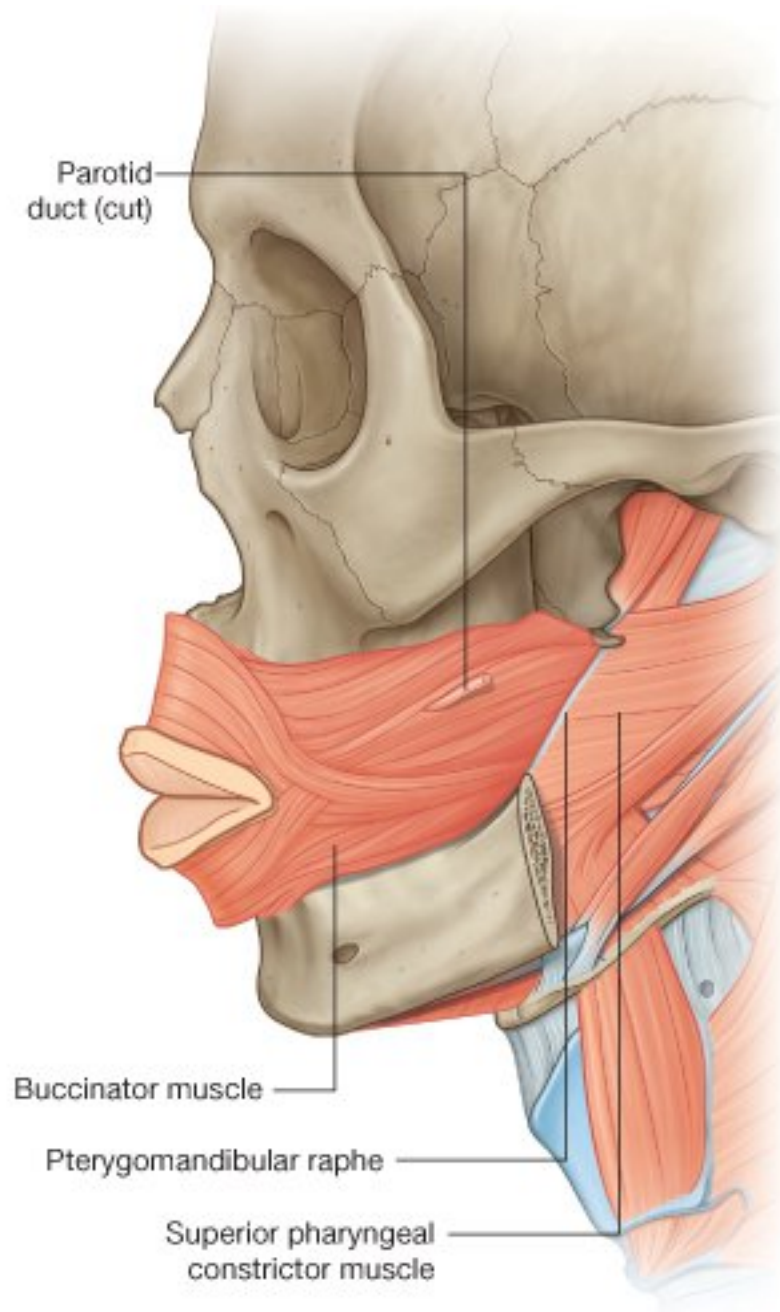
Orbicularis oris

52

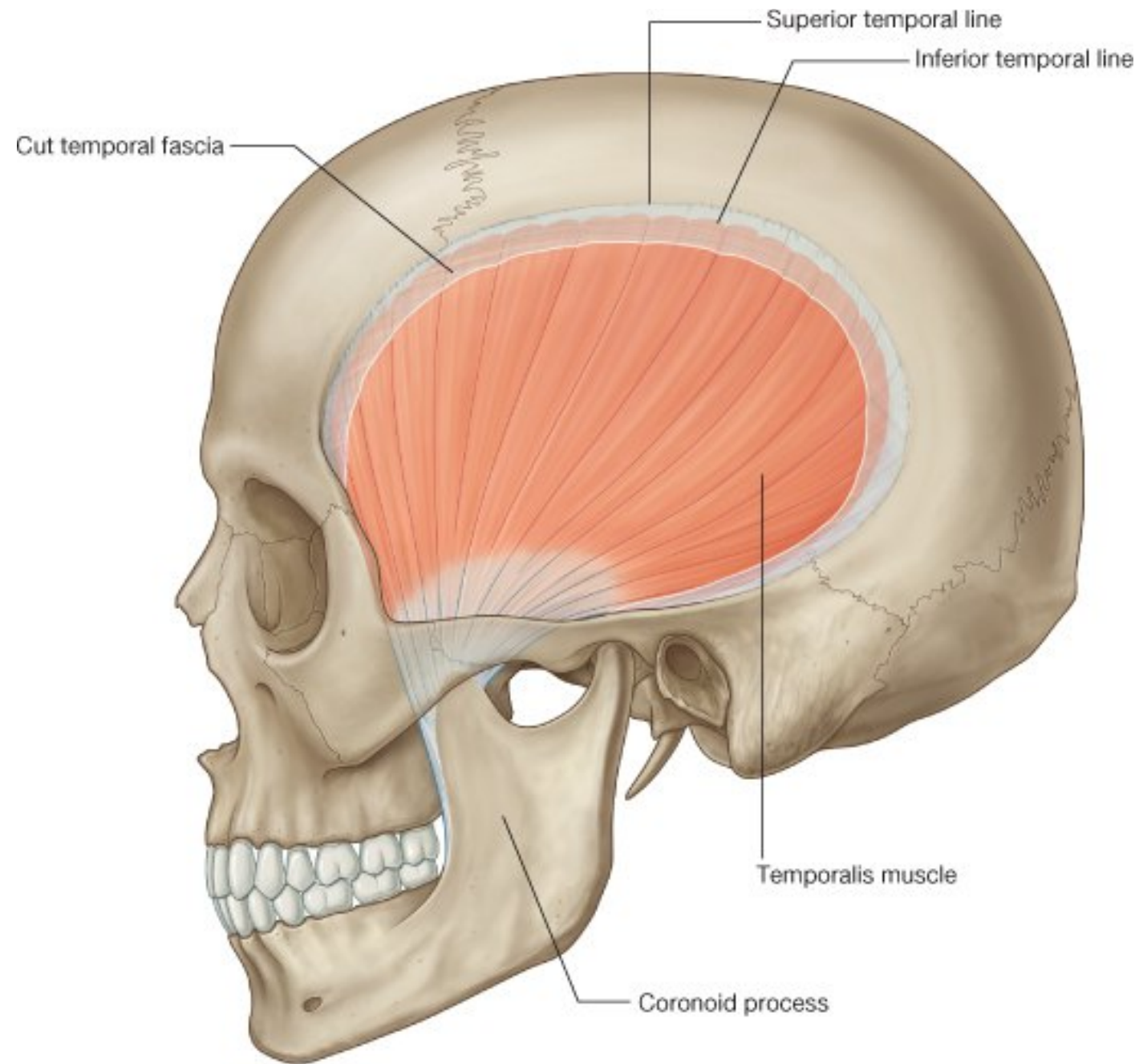


Buccinator

53

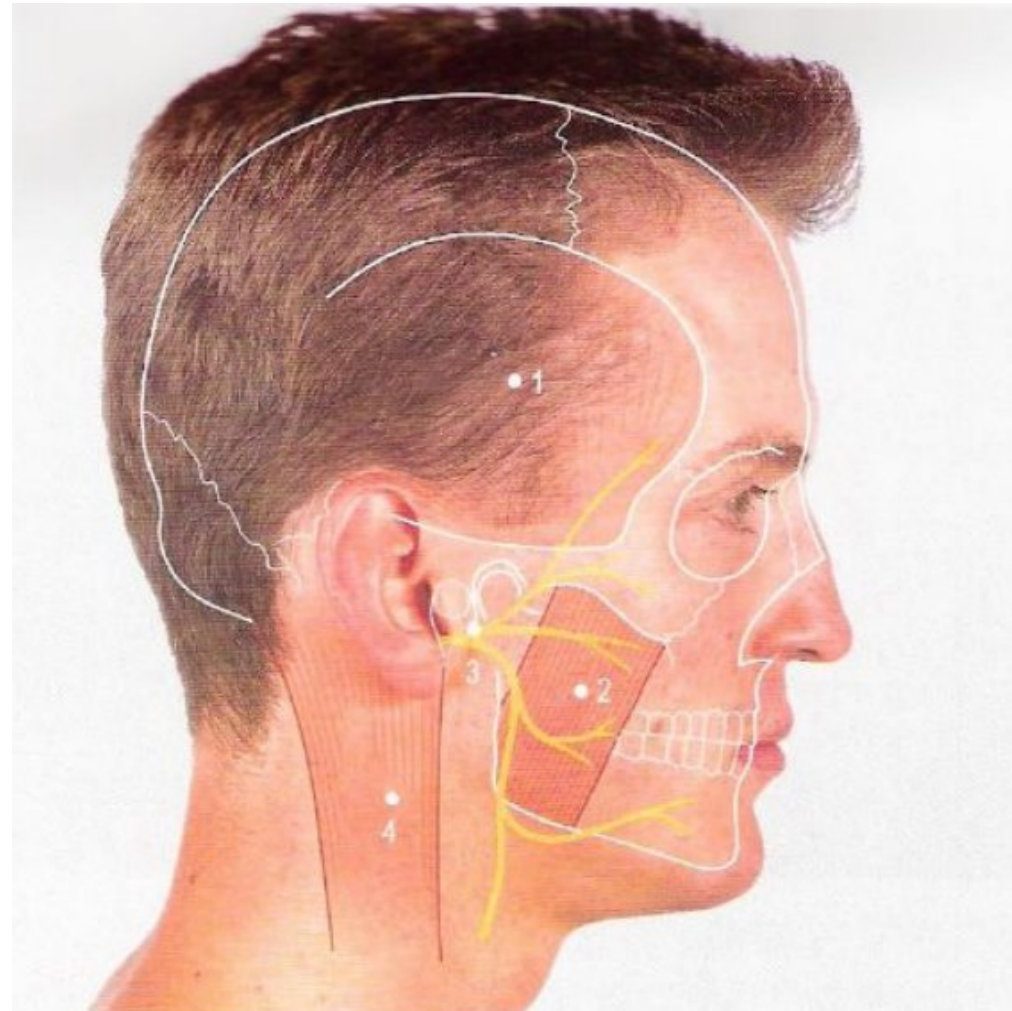
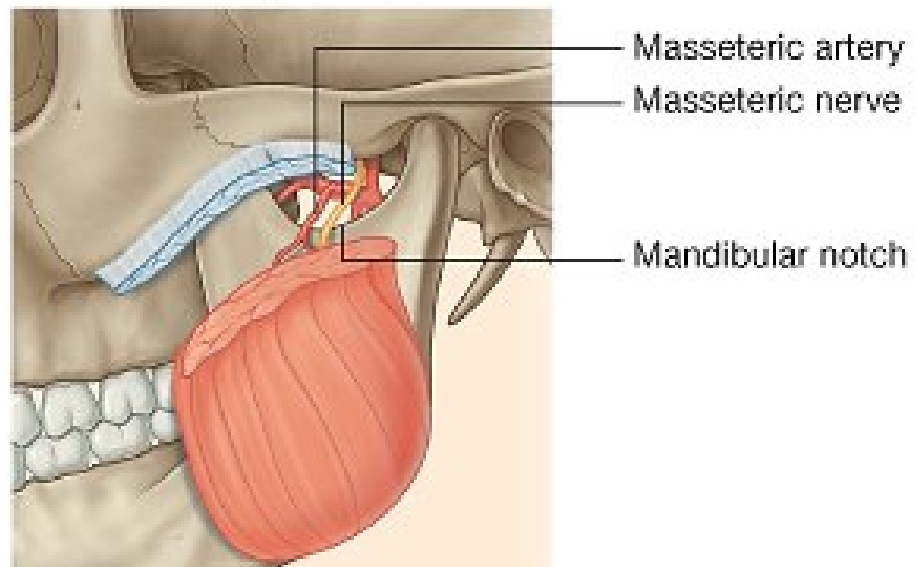
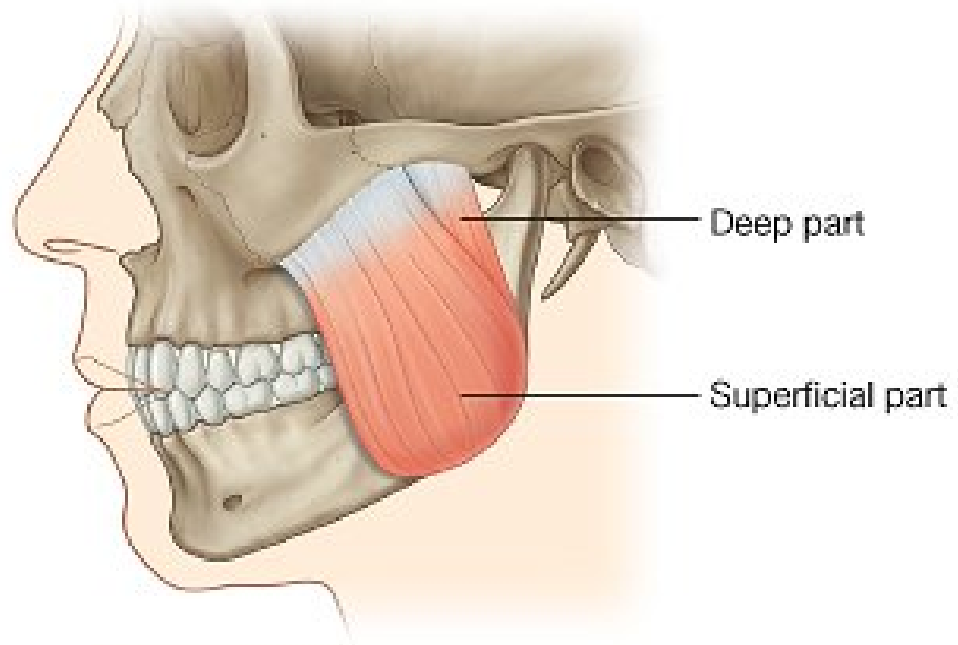


Temporalis



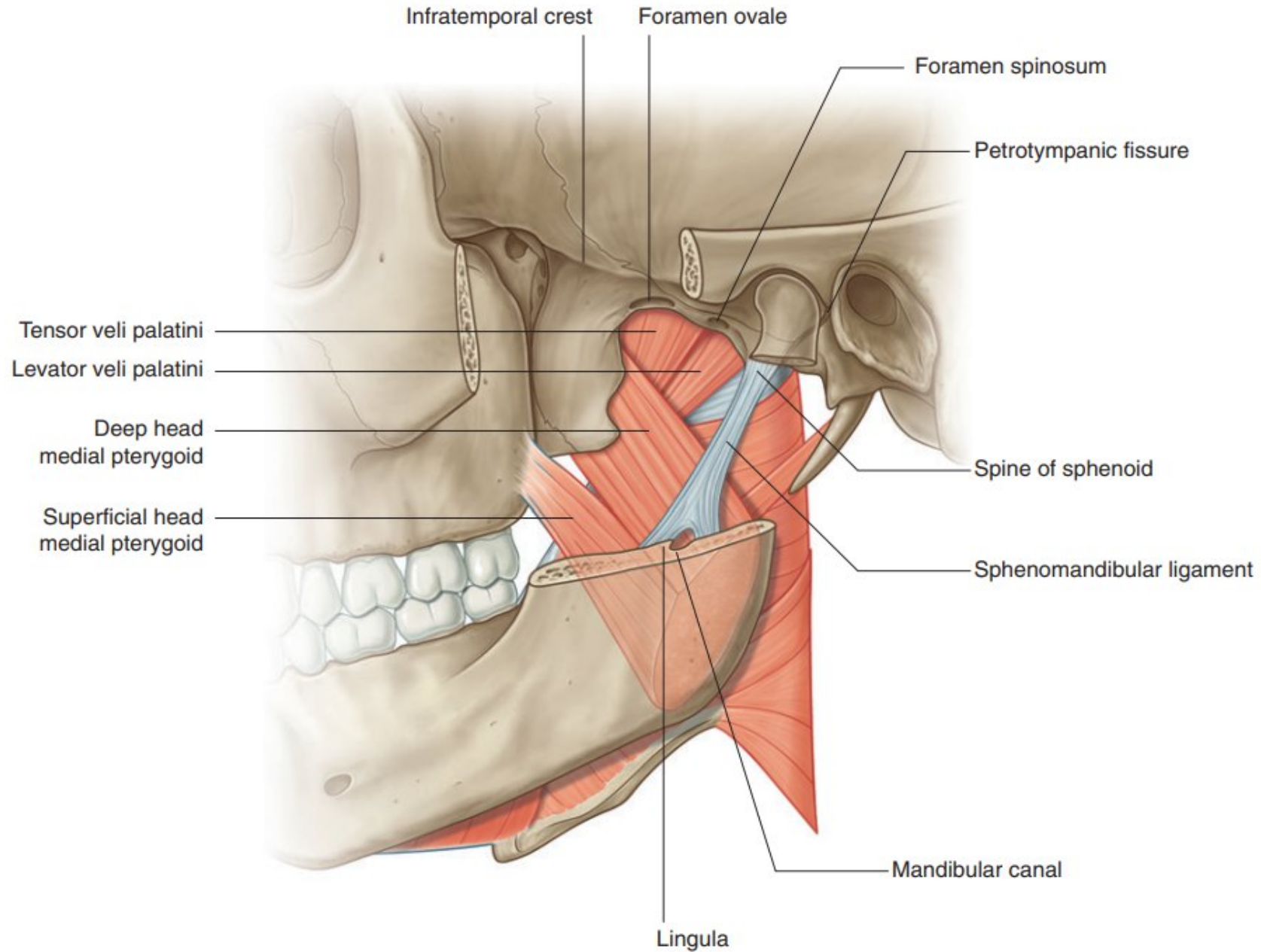
Masseter

55

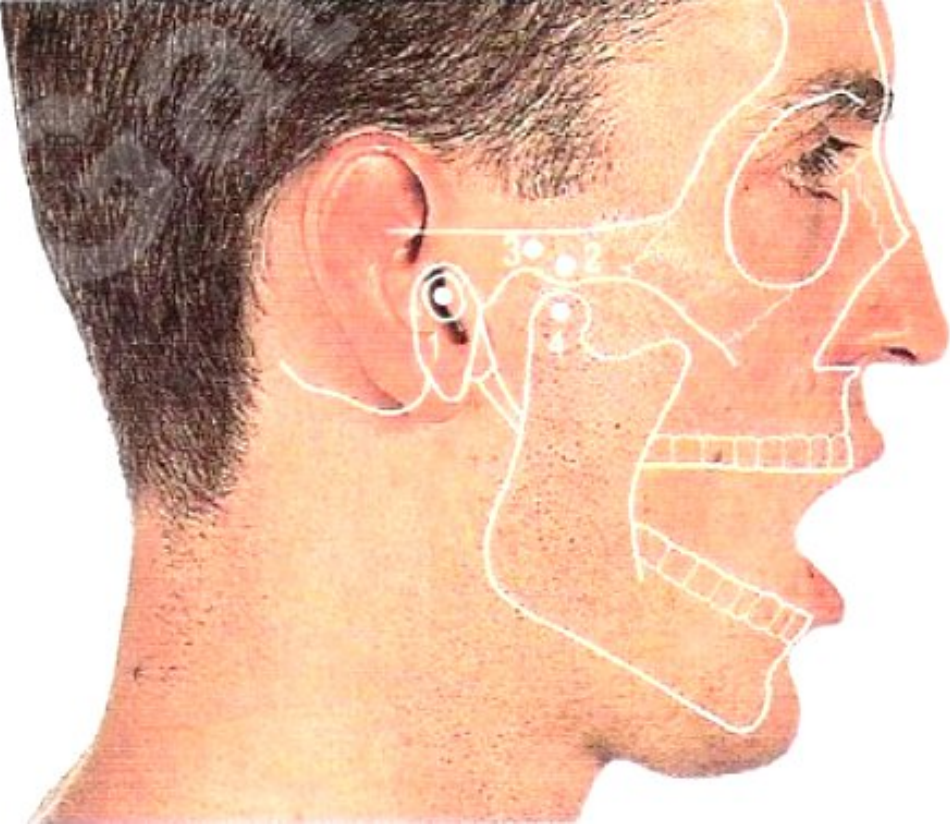
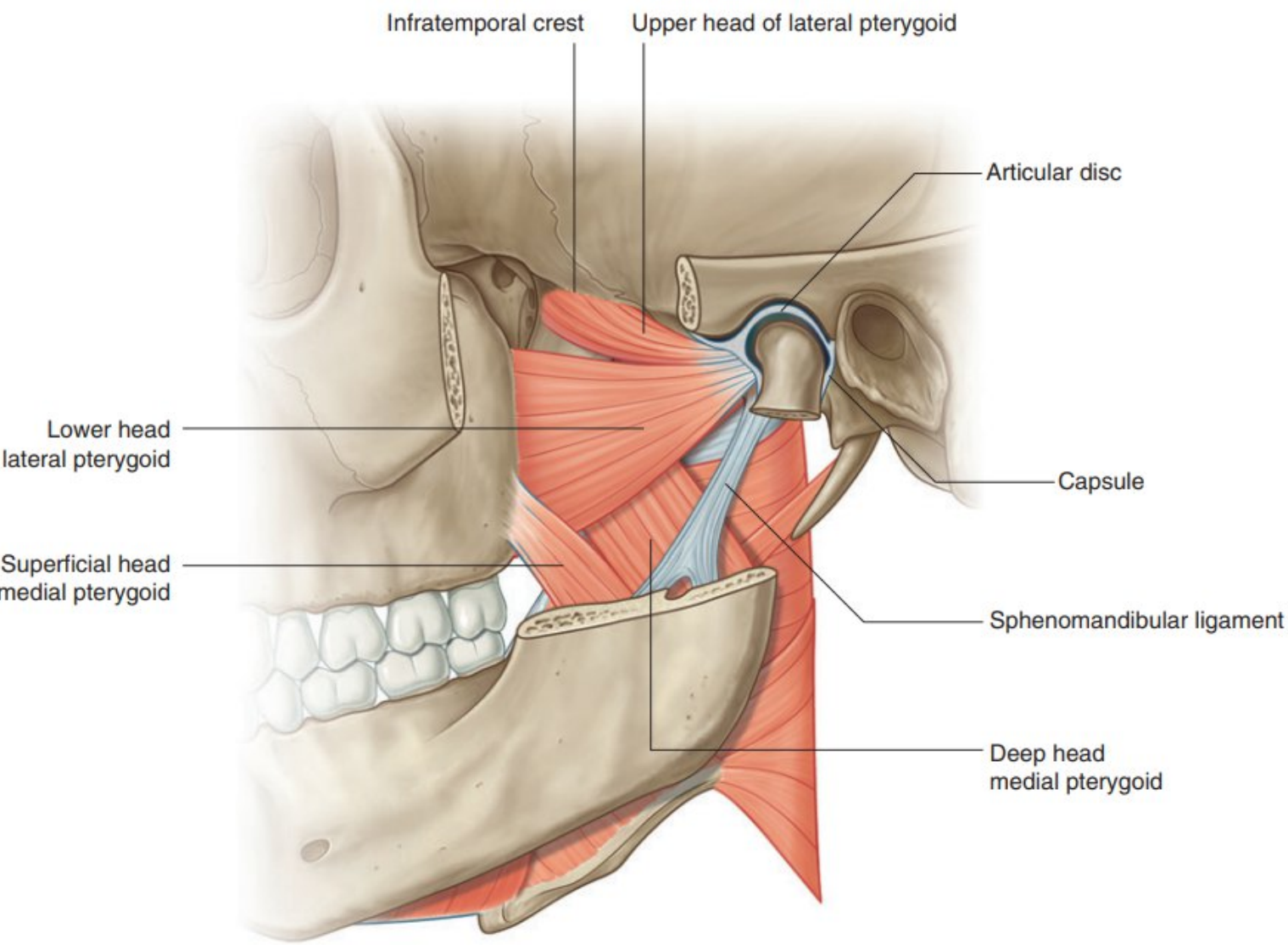


Medial Pterygoid

56

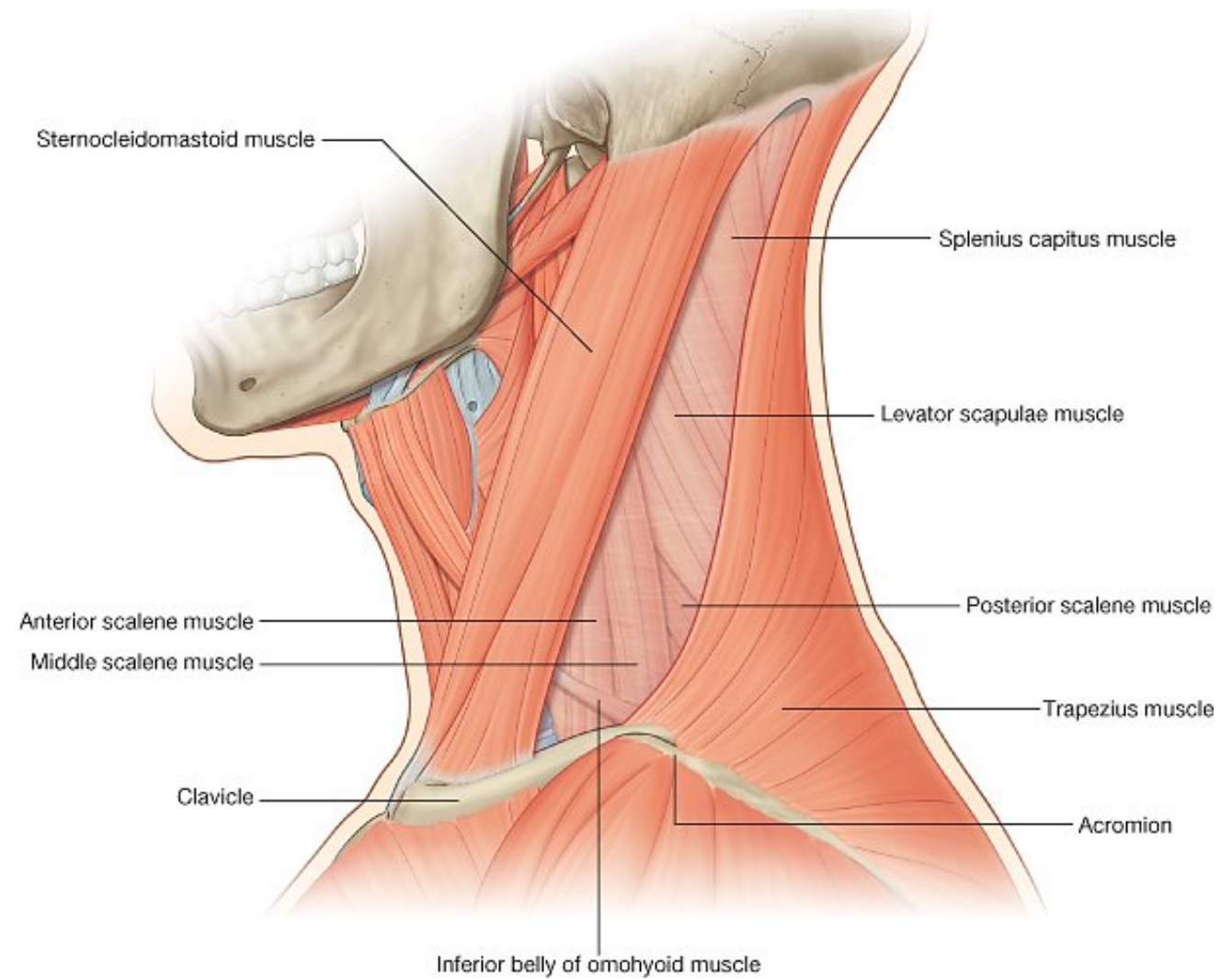
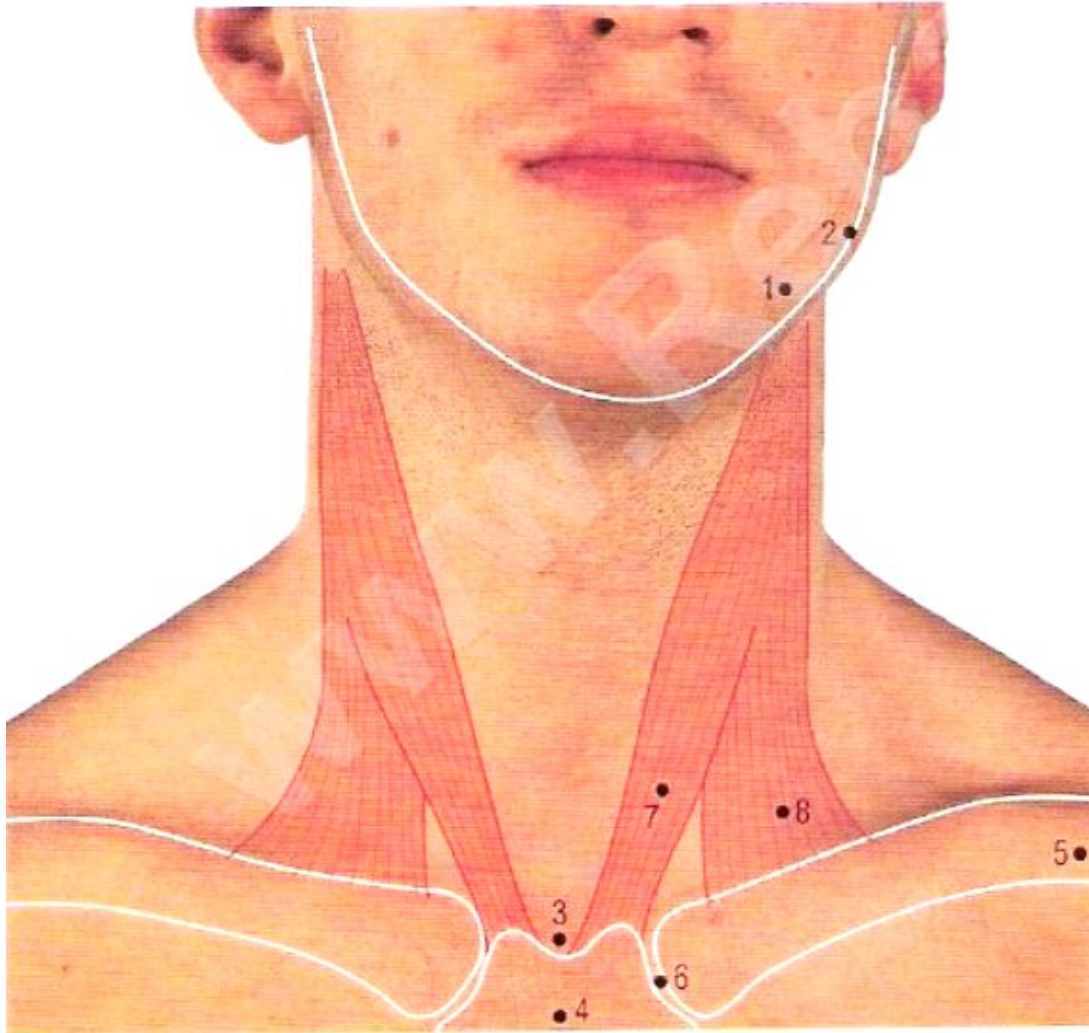


Lateral Pterygoid



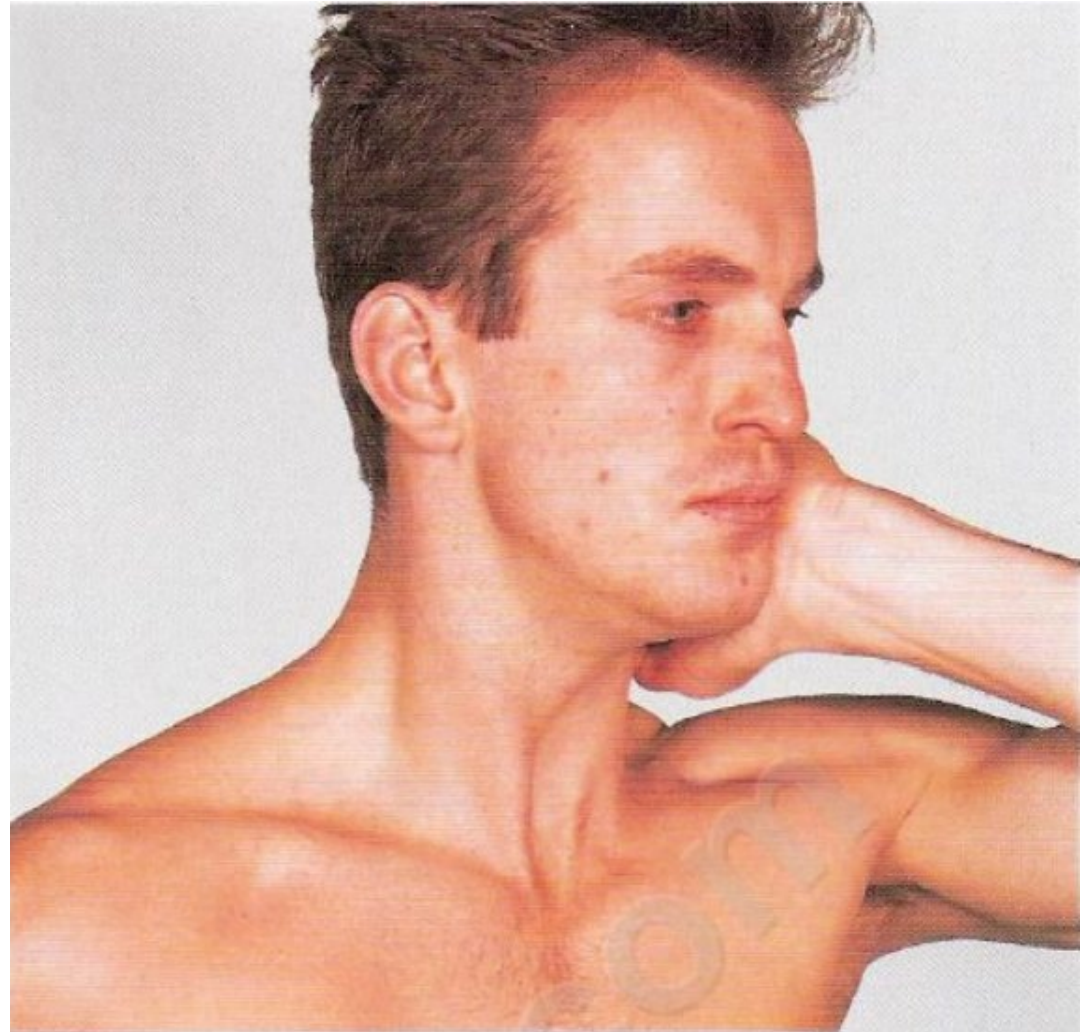
Muscles of Neck; Sternocleidomastoid

58



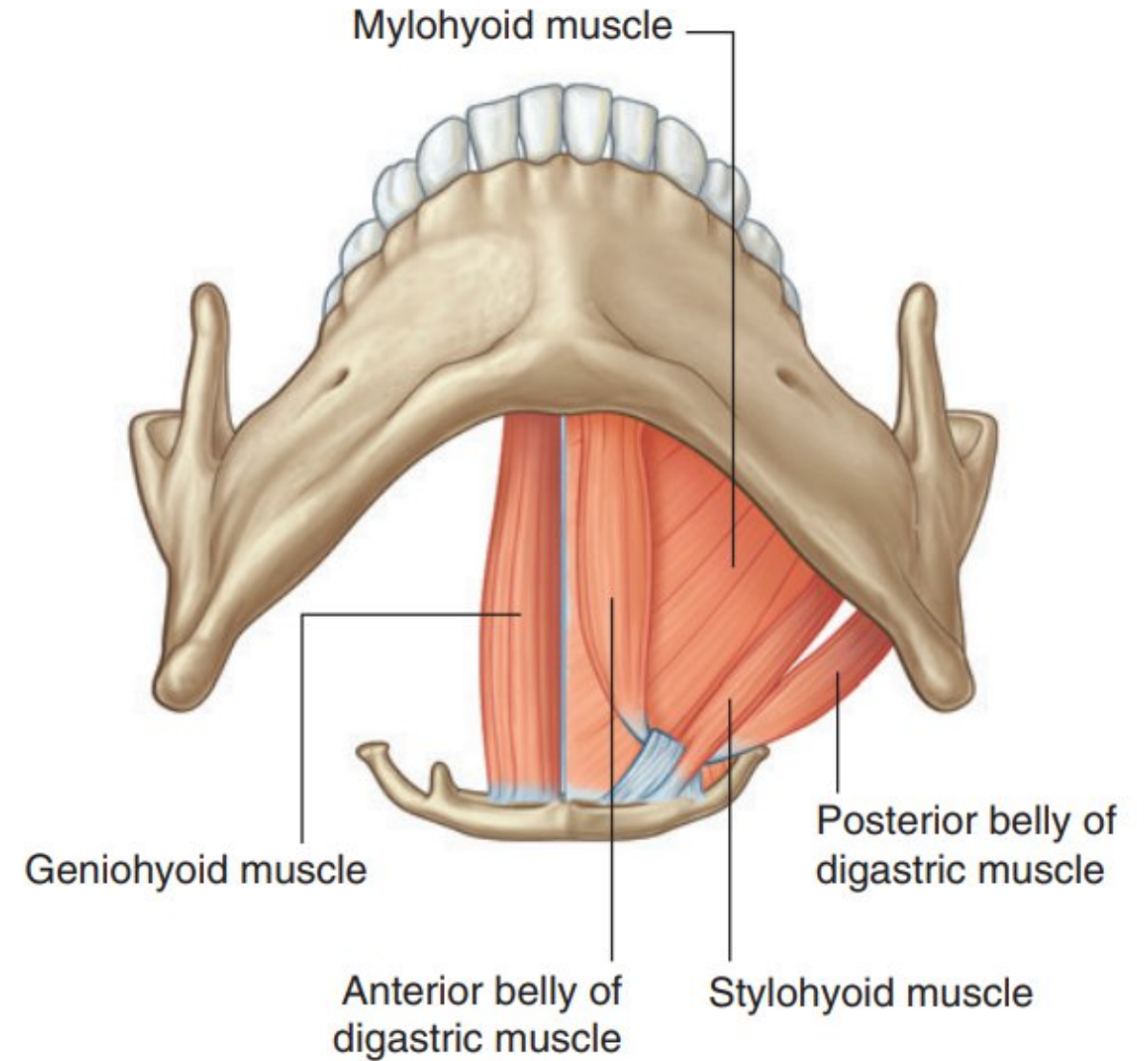
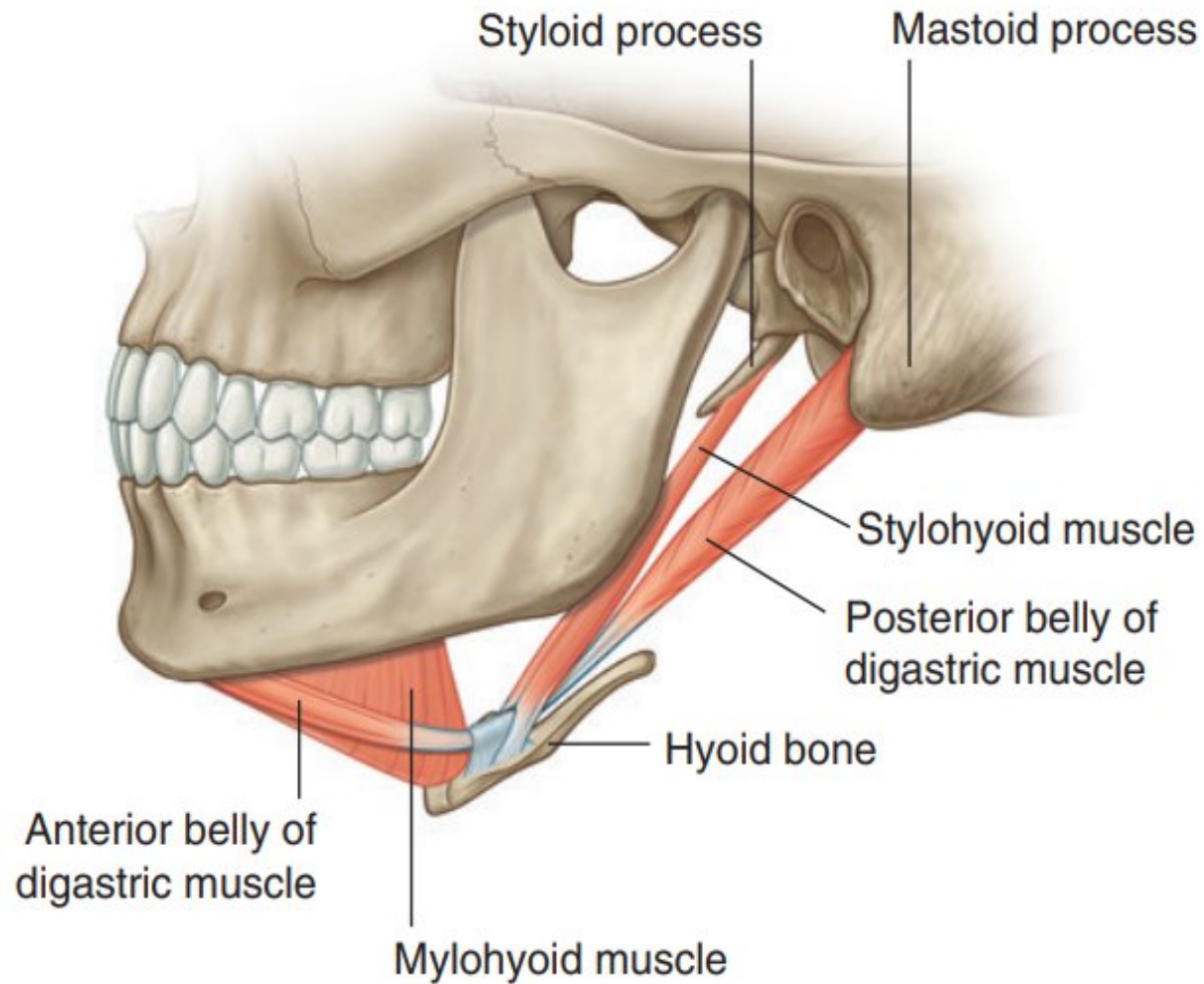
Sternocleidomastoid

59



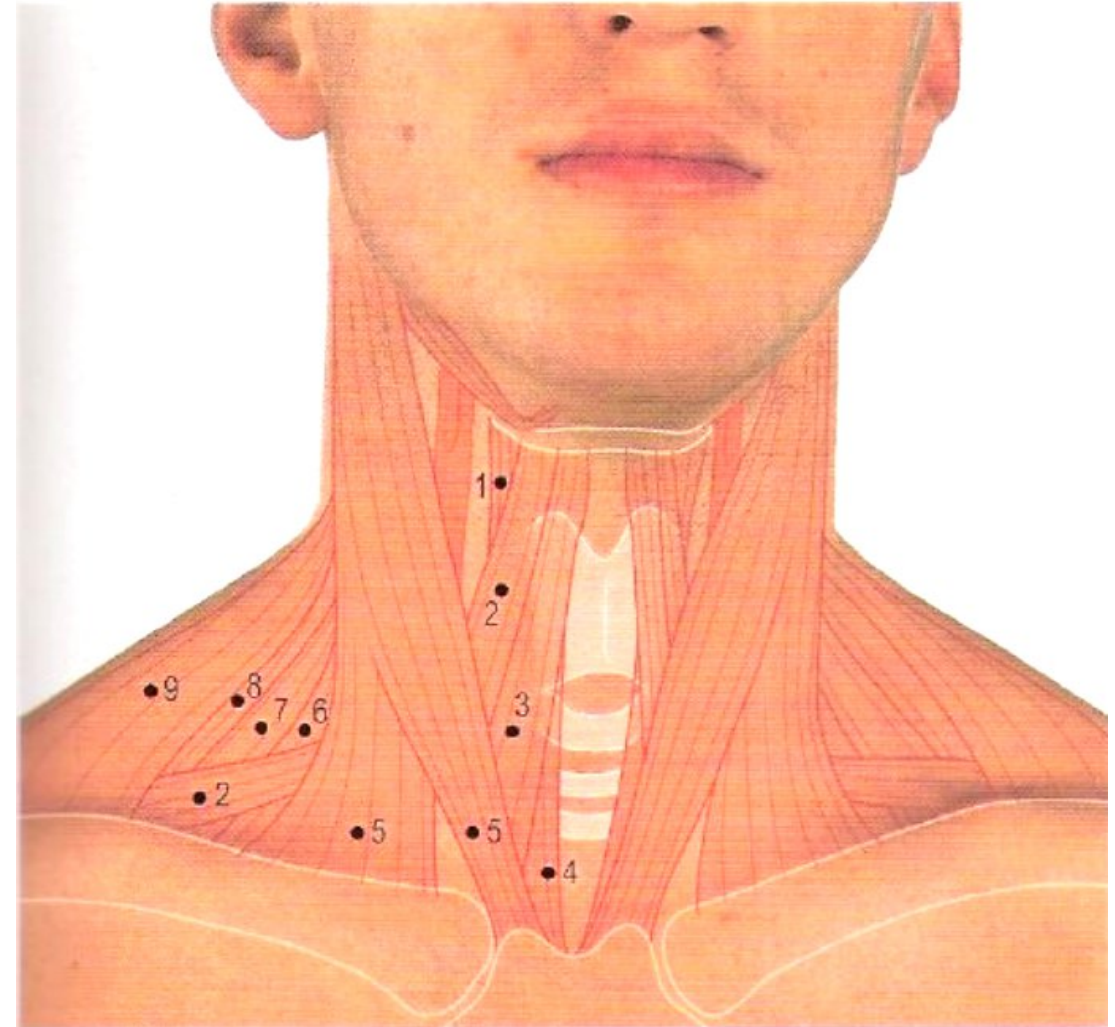
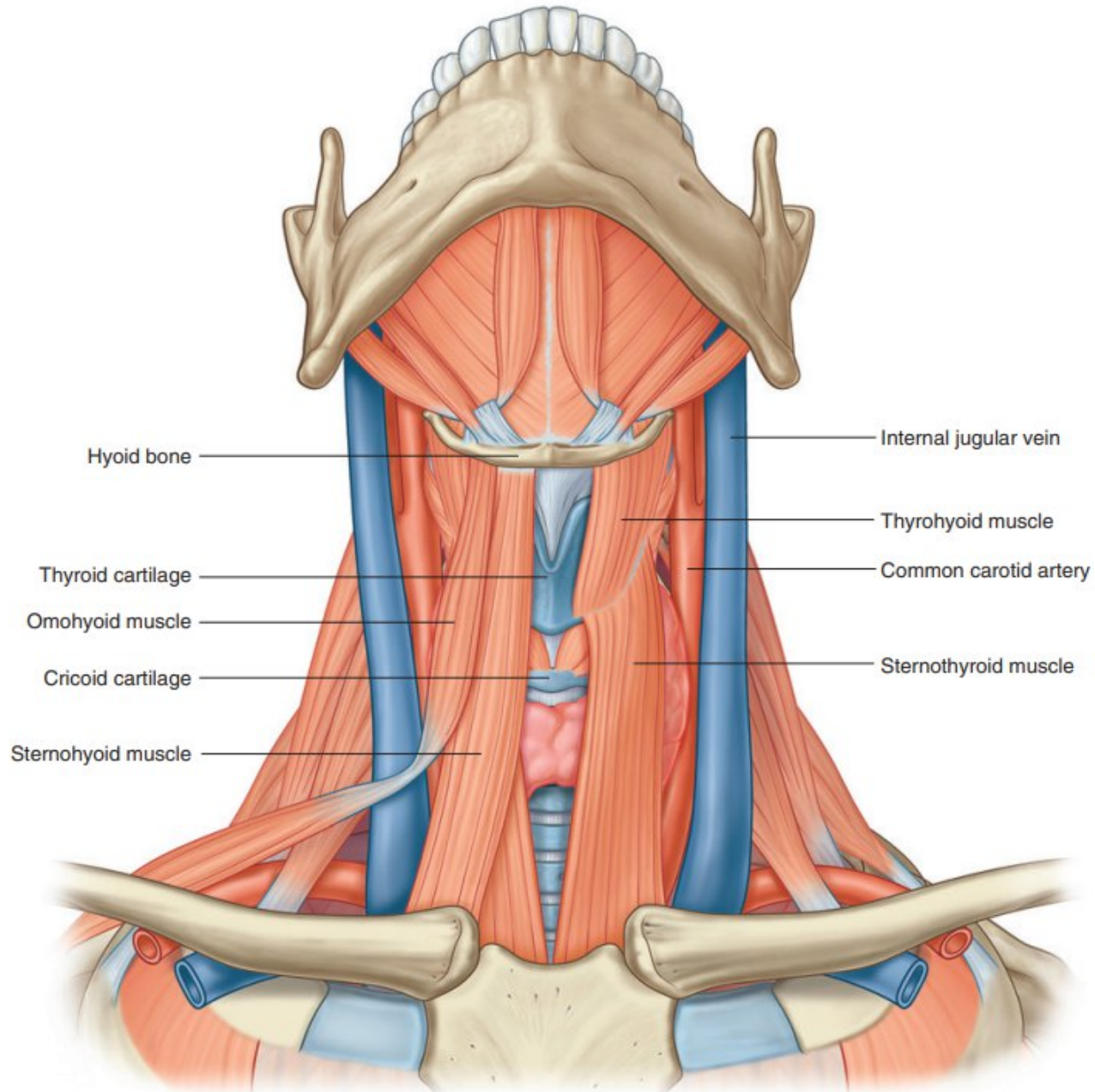
Suprahyoid muscles

60



Infrahyoid M.

61



Splenius muscle

62

