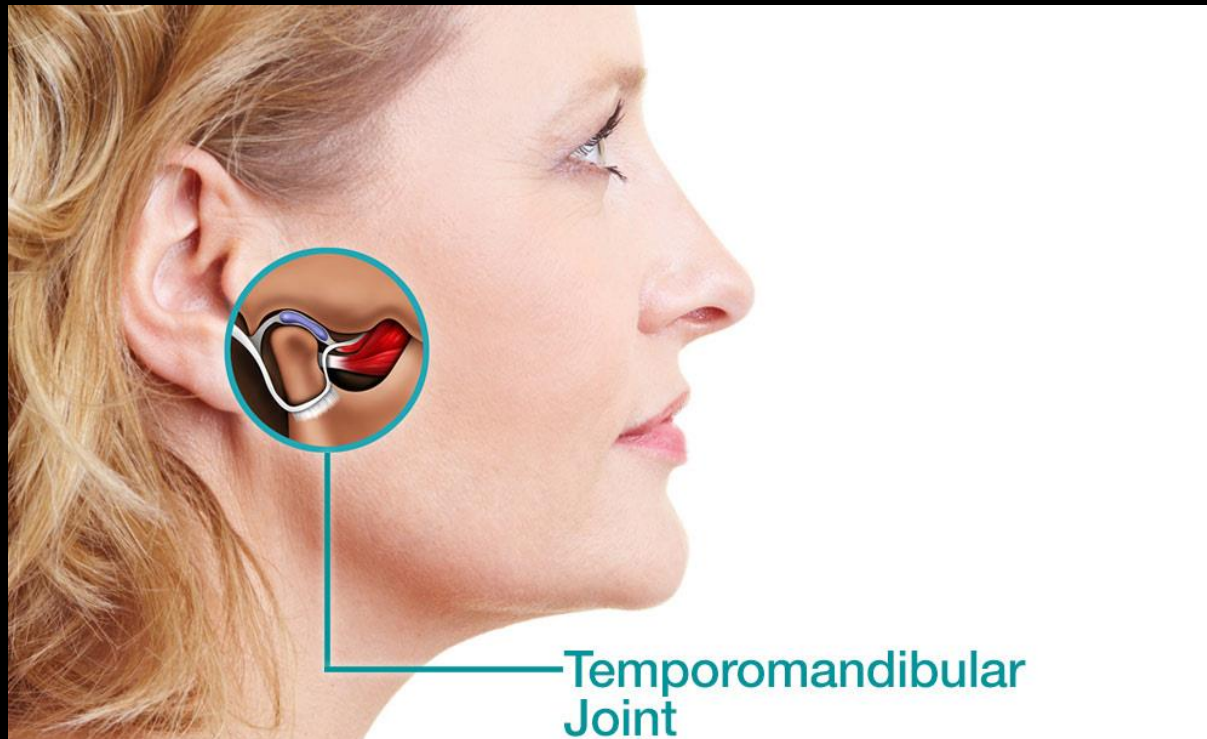
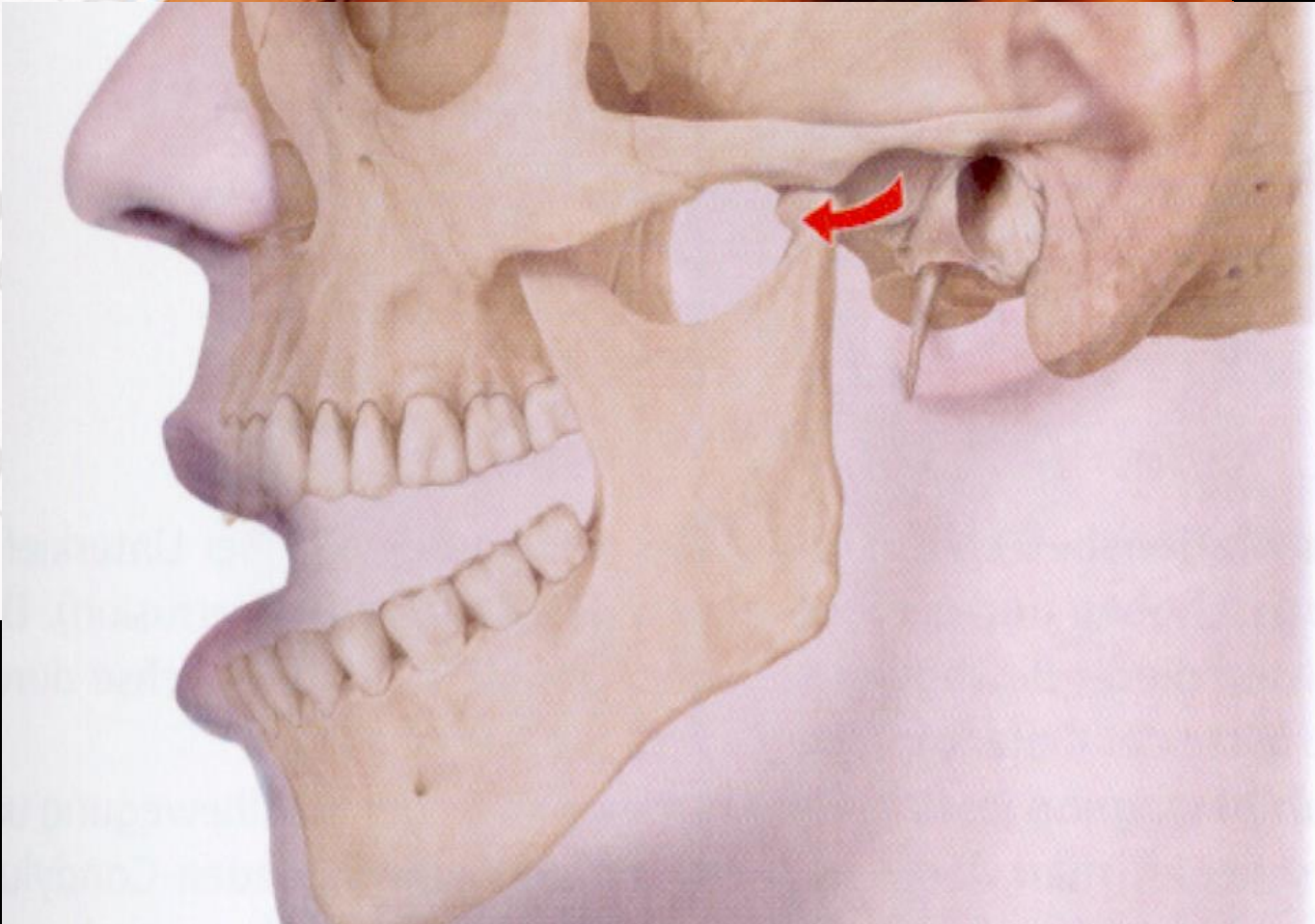
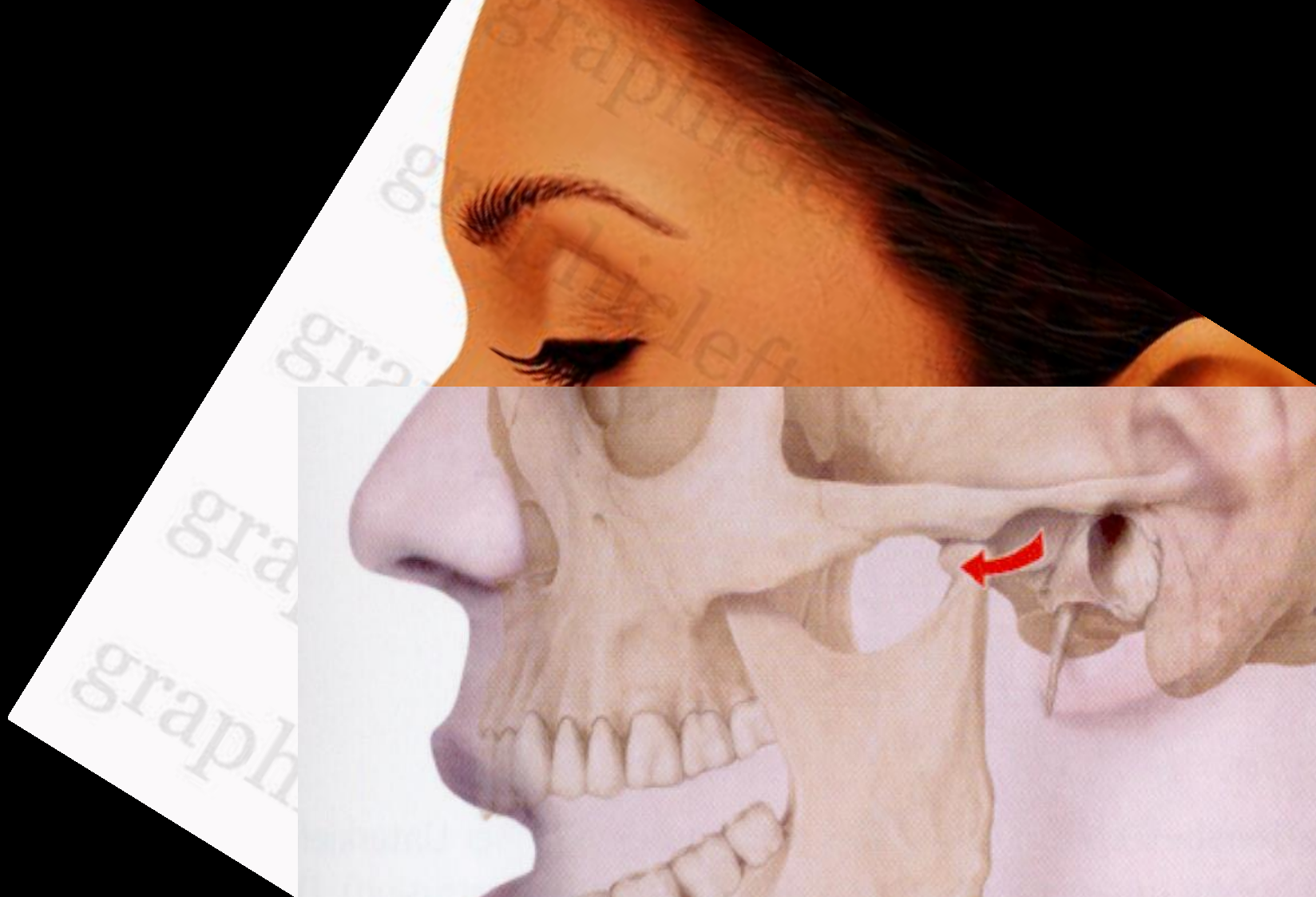
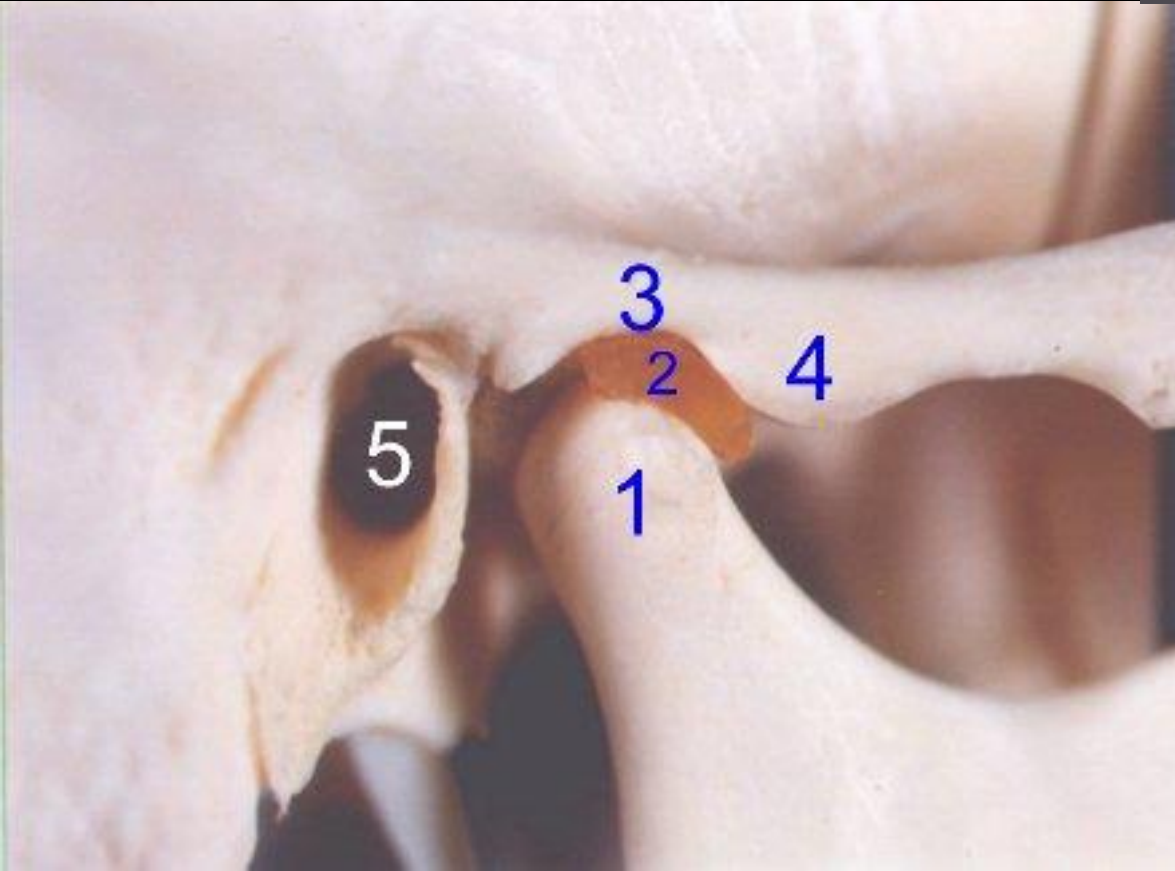
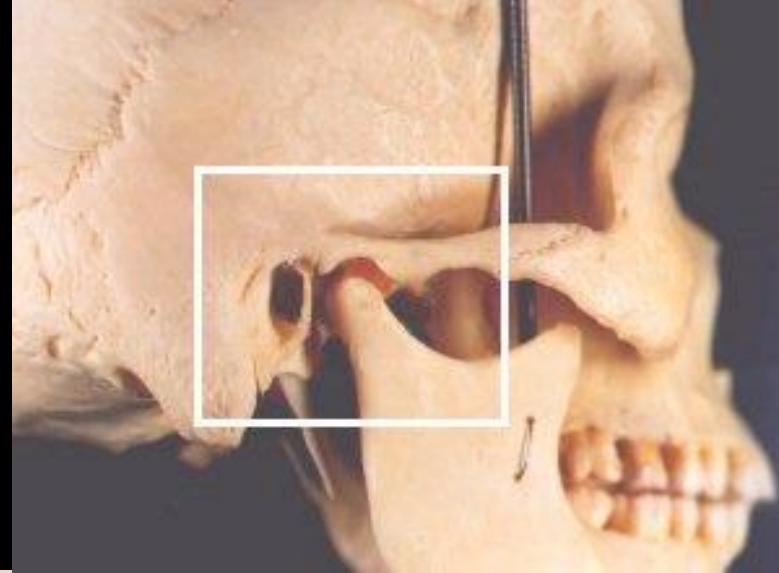


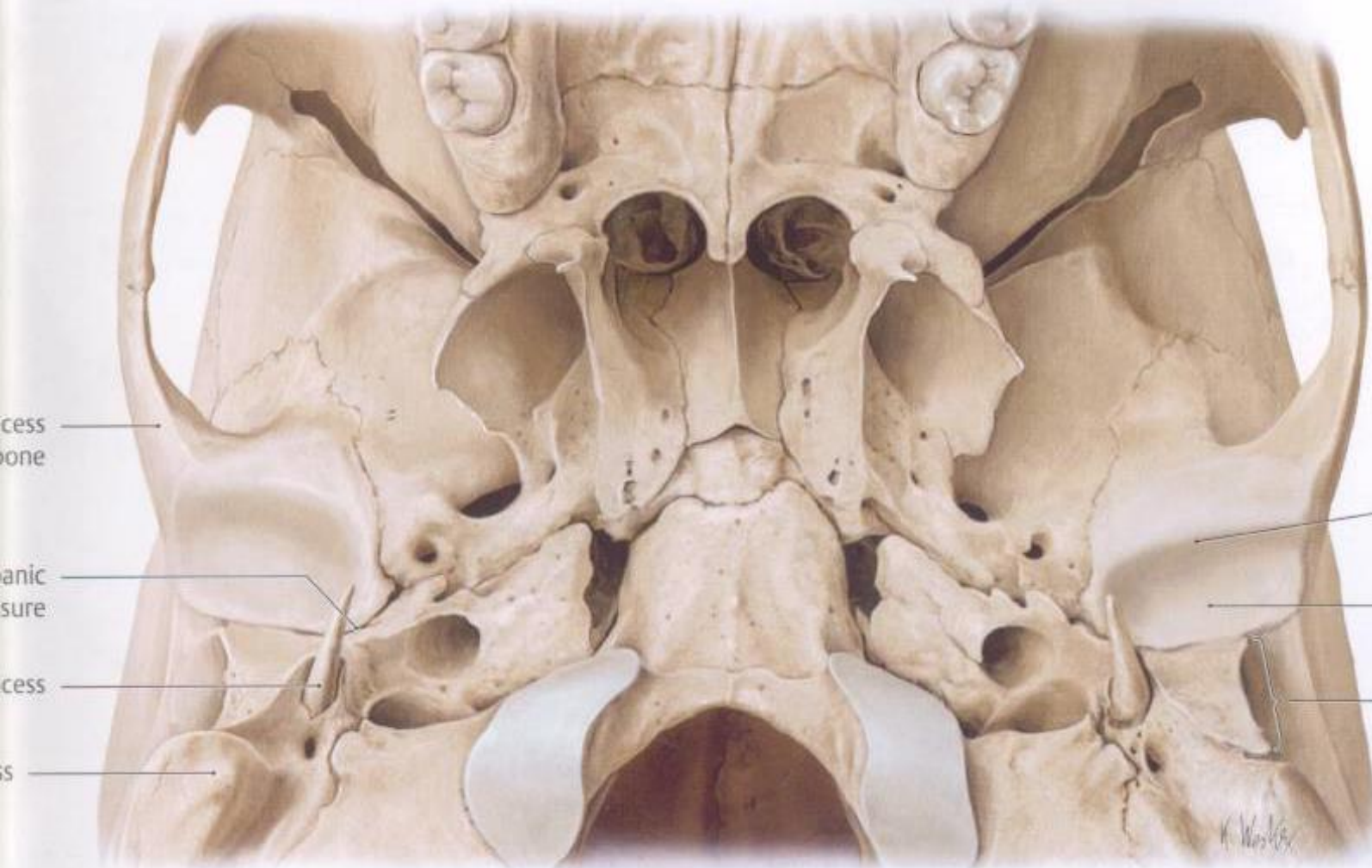
# TEMPOROMANDIBULAR JOINT, MASTICATION MUSCLES

Barna János









cess  
bone

anic  
sure

cess

ss

Articular  
tubercle

Mandibular  
fossa

External  
acoustic meatus  
(auditory canal)

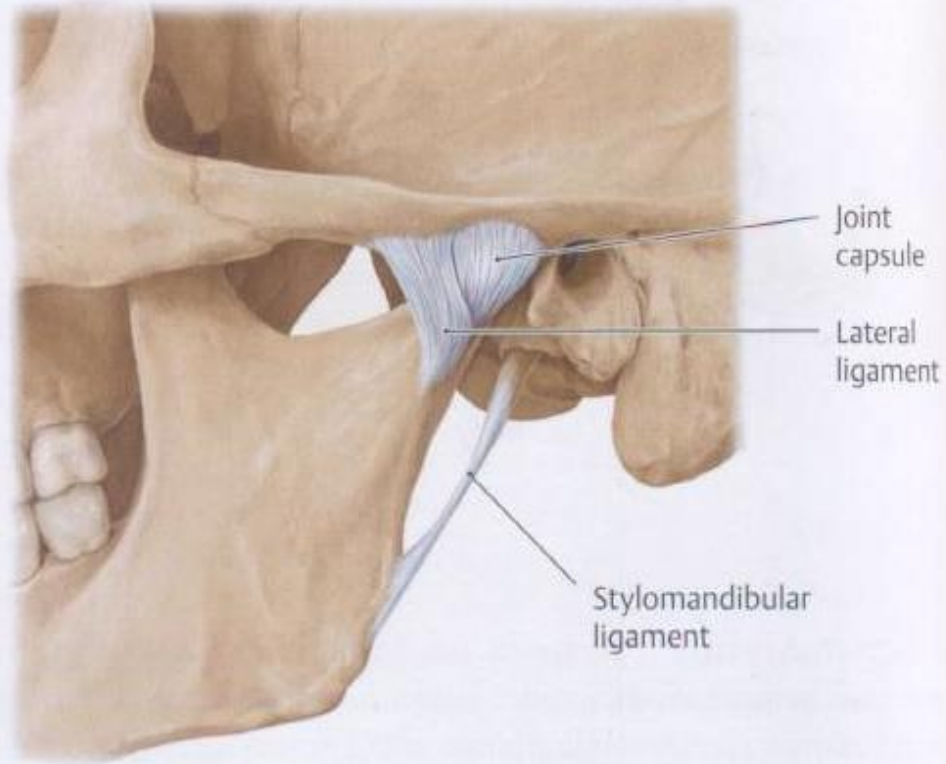
*H. W. H. S.*

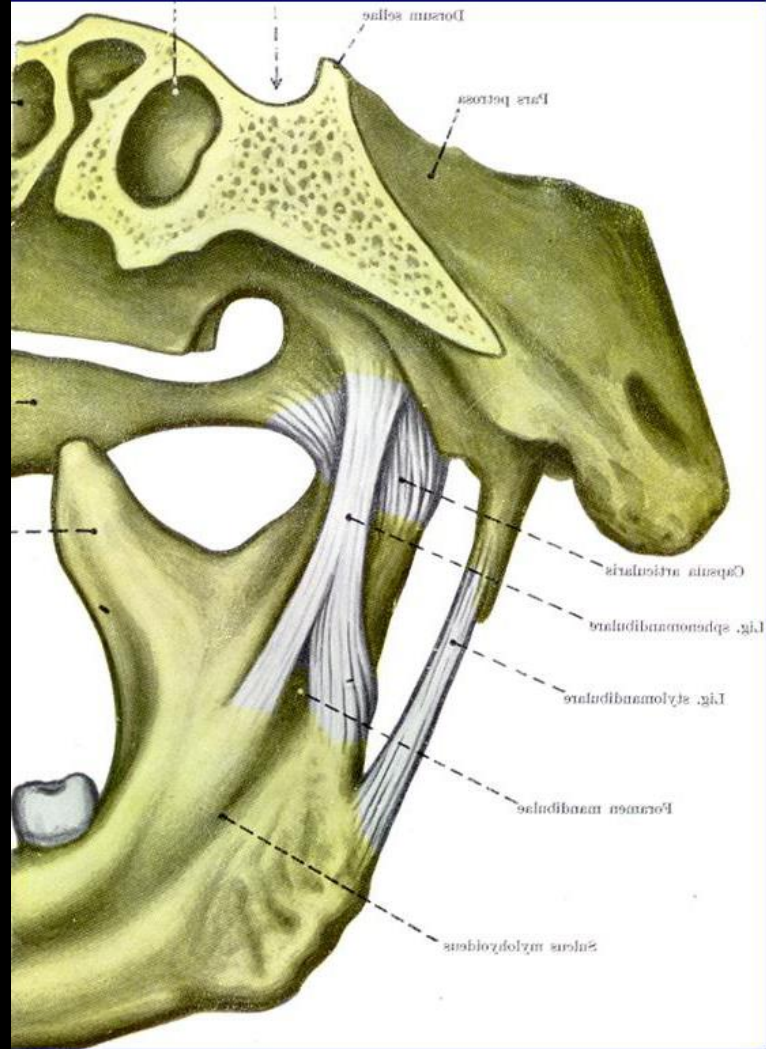
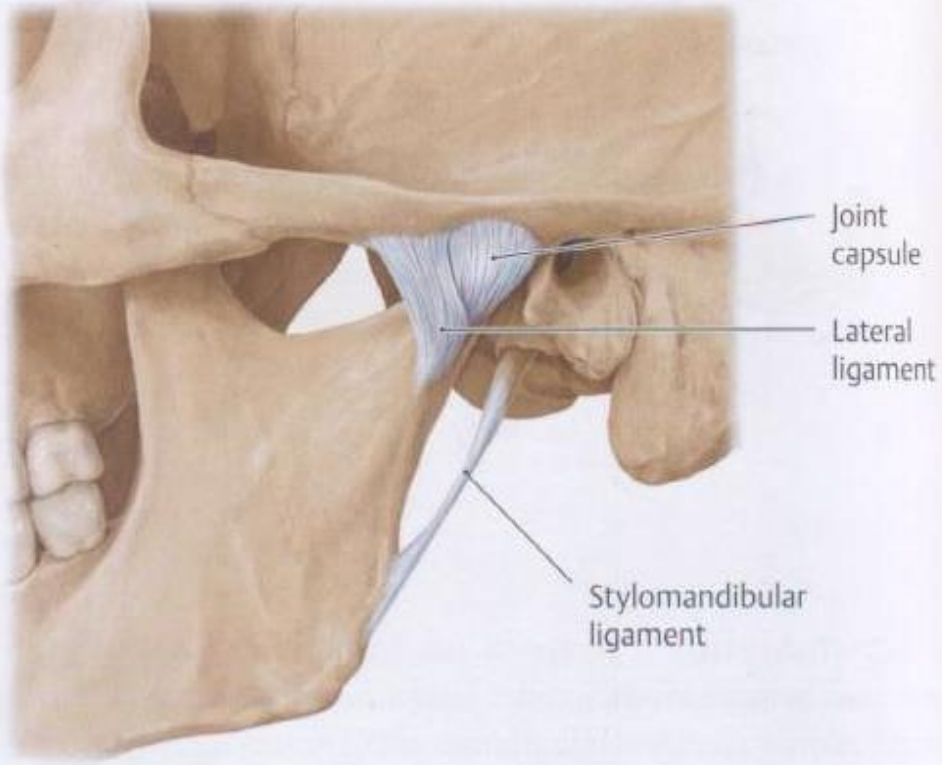


- 1 Zygomatic arch
- 2 Articular eminence
- 3 Mandibular fossa
- 4 Squamotympanic fissure
- 5. Petrosquamous fissure
- 6. Petrotympanic fissure

- 8 External acoustic meatus
- 9 Styloid process
- 10 Foramen ovale
- 11 Lateral pterygoid plate
- 12 Pterygomaxillary fissure leading into pterygopalatine fossa

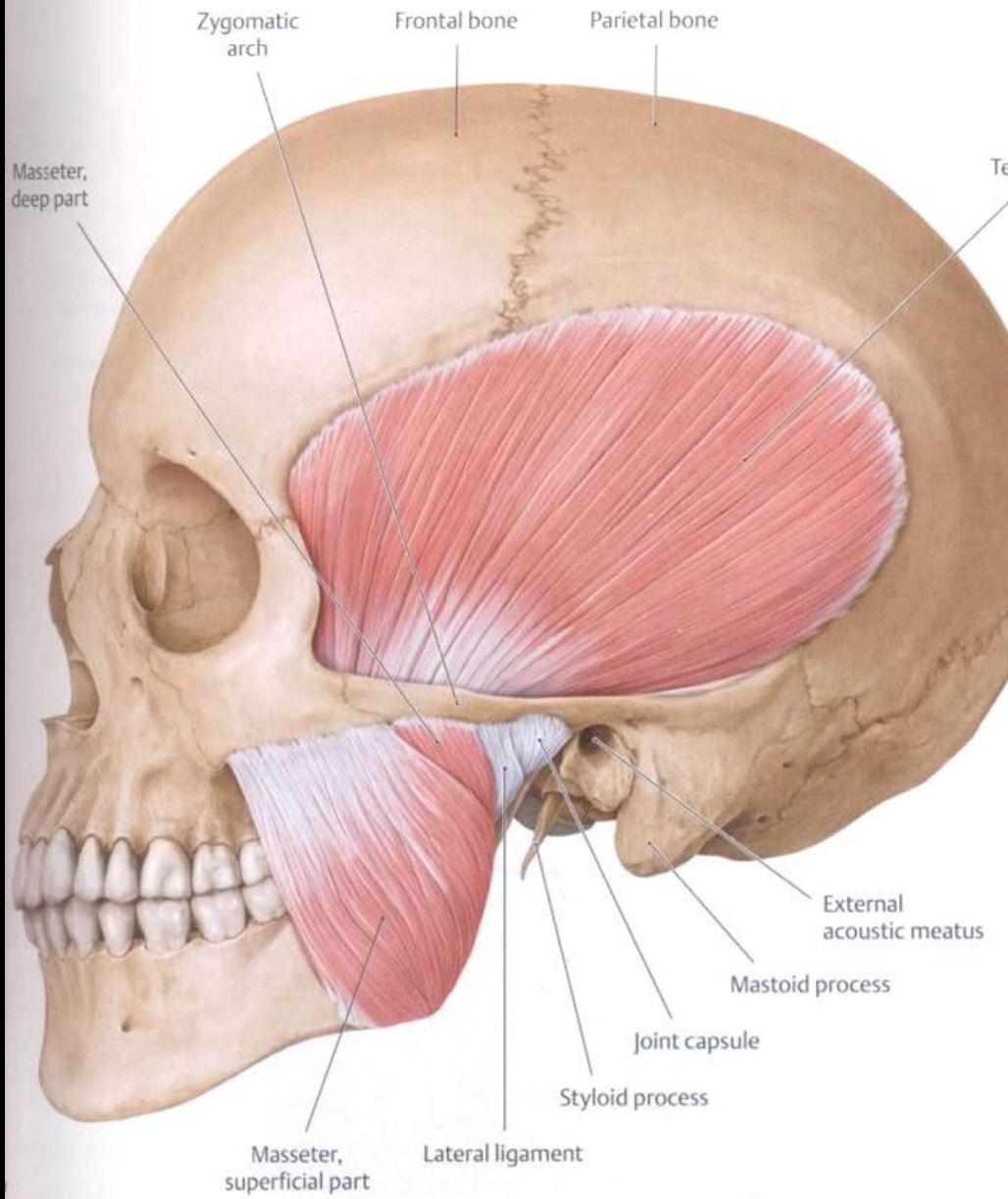
- 14 Posterior surface of maxilla
- 15 Infratemporal crest of sphenoid bone
- 16 Greater wing of sphenoid bone
- 17 Foramen spinosum

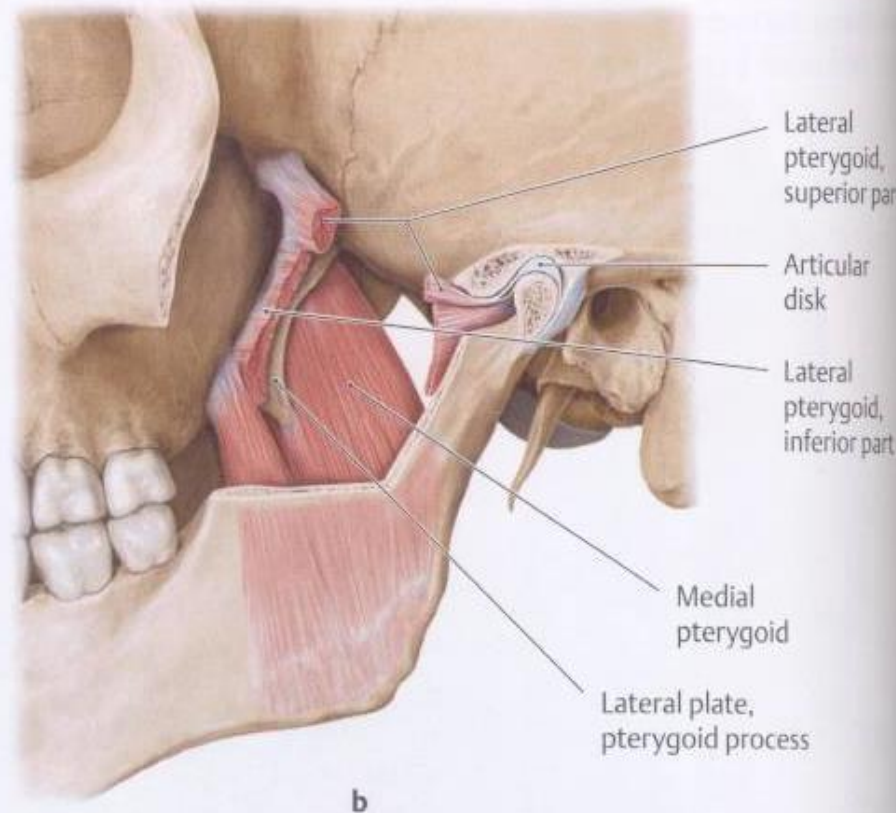
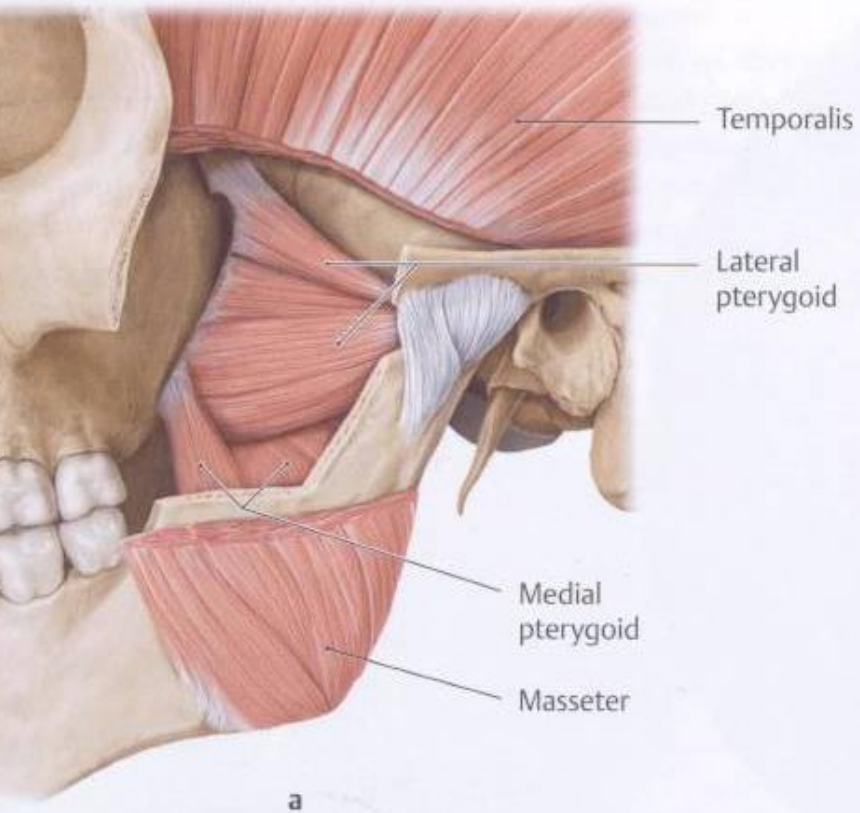


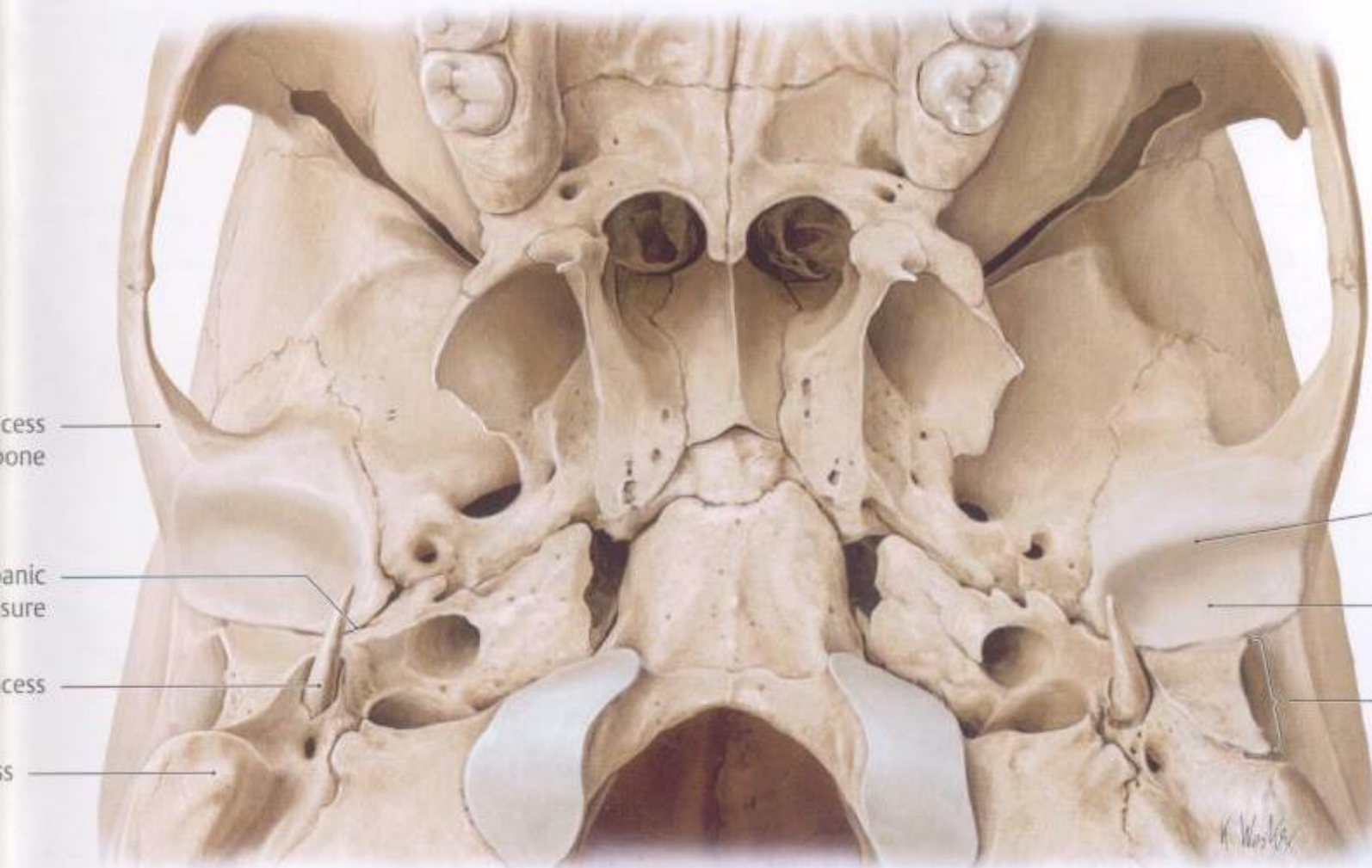


# MASTICATION MUSCLES









cess  
bone

anic  
sure

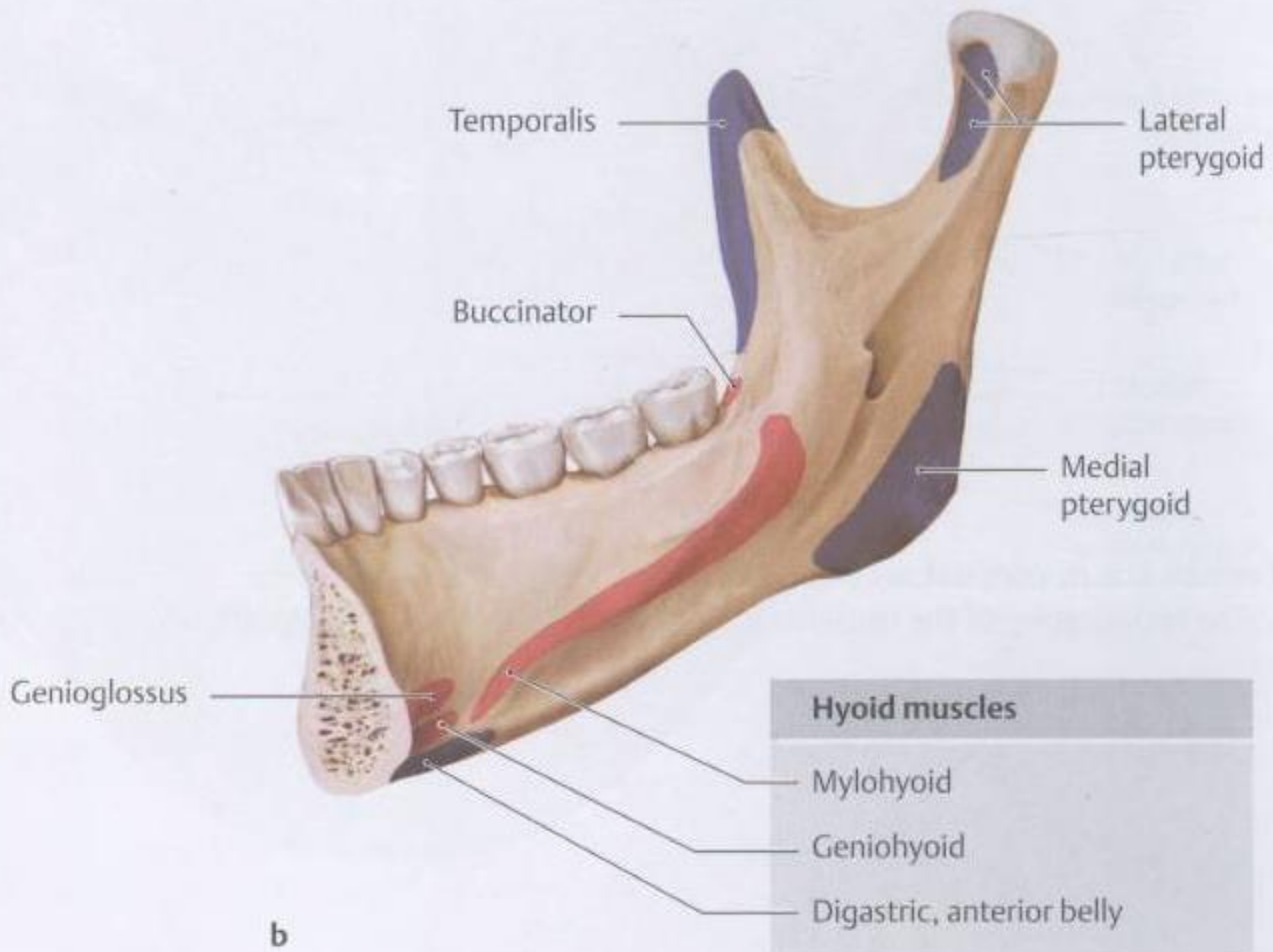
cess

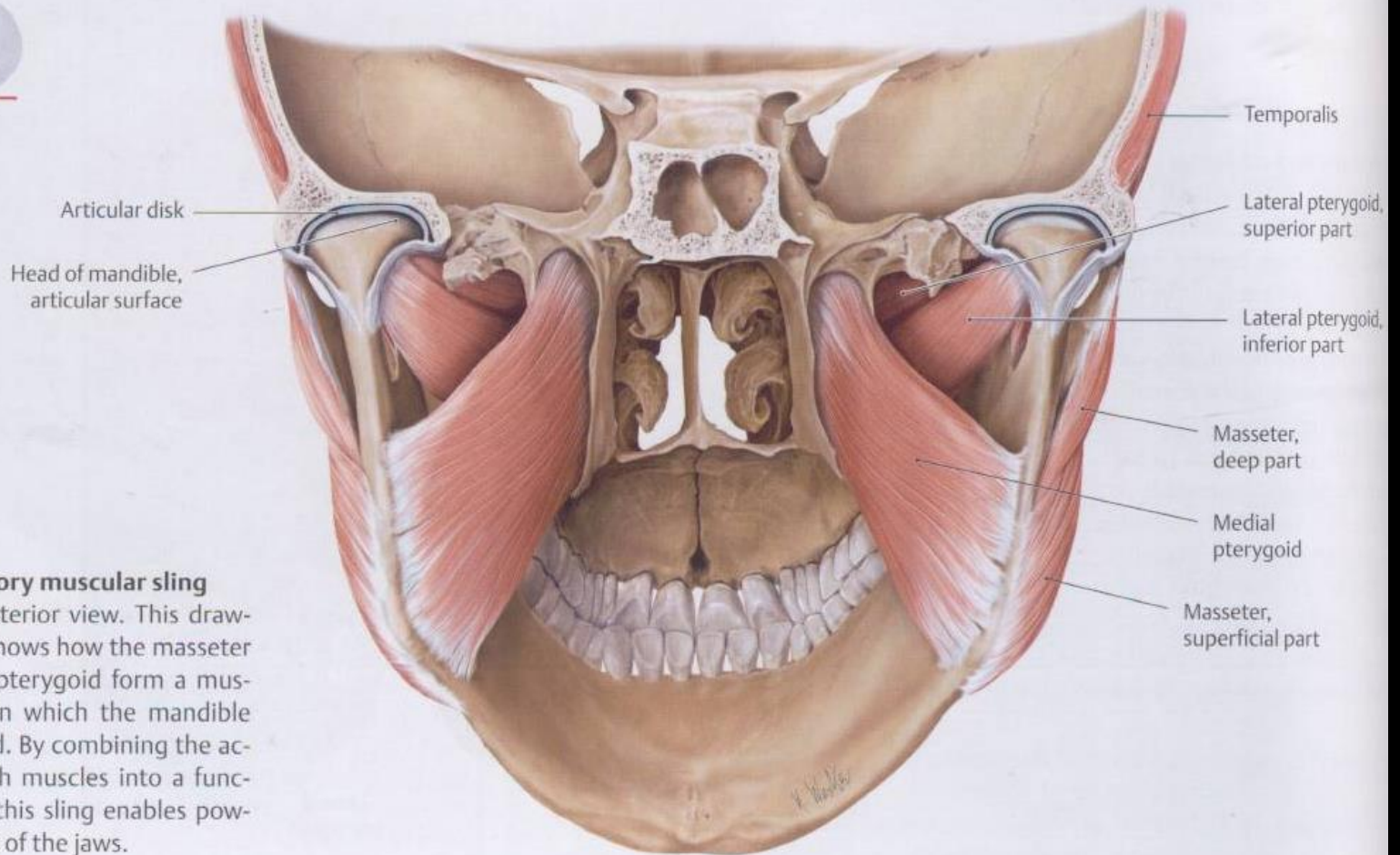
ss

Articular  
tubercle

Mandibular  
fossa

External  
acoustic meatus  
(auditory canal)



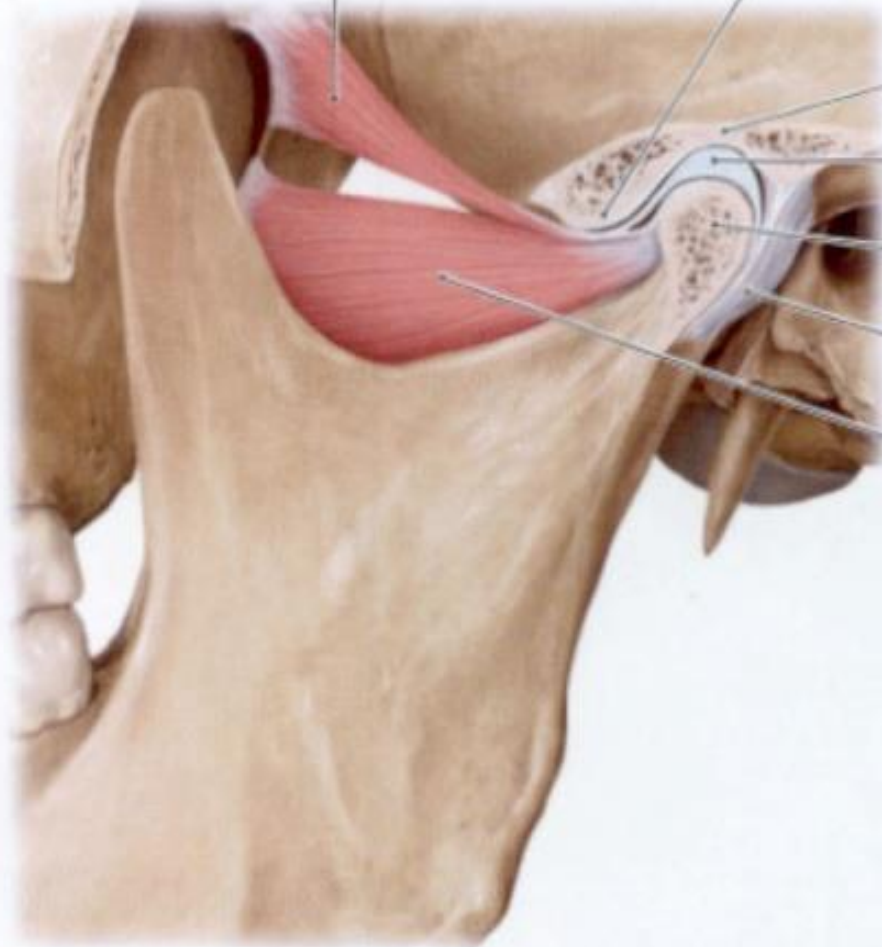


### **B Masticatory muscular sling**

Oblique posterior view. This drawing clearly shows how the masseter and *medial* pterygoid form a muscular sling in which the mandible is suspended. By combining the actions of both muscles into a functional unit, this sling enables powerful closure of the jaws.

M. pterygoideus lateralis,  
Pars superior

Tuberculum  
articulare



Fossa mandibularis

Discus articularis

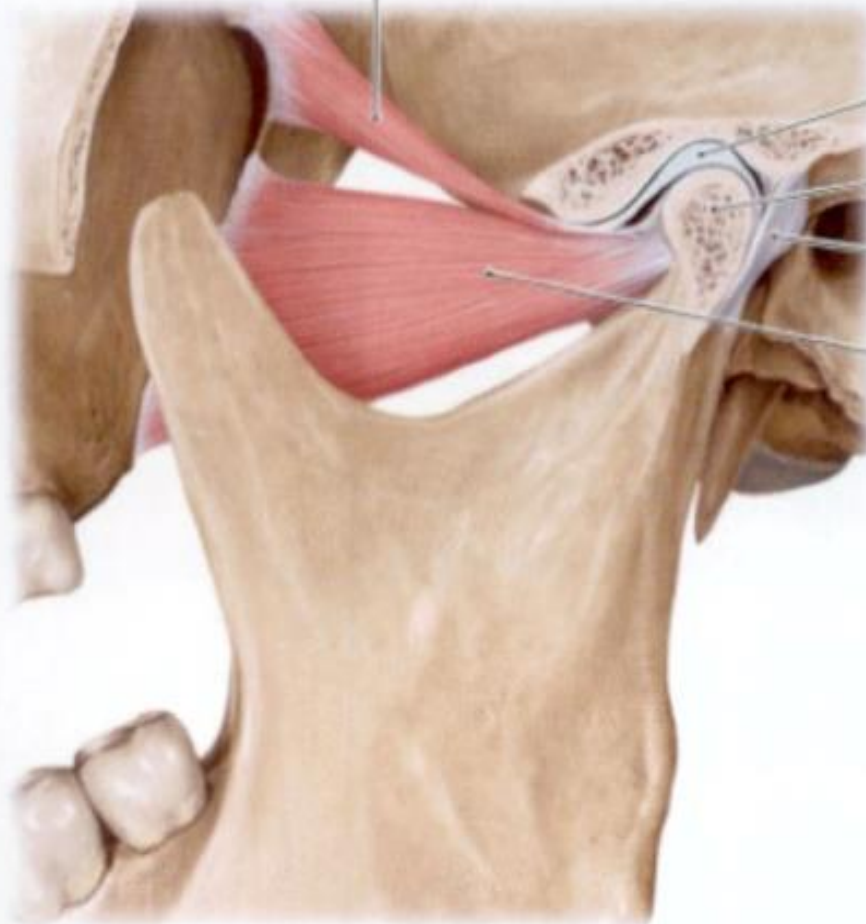
Caput mandibulae

Capsula articularis

M. pterygoideus lateralis,  
Pars inferior

a

M. pterygoideus lateralis,  
Pars superior



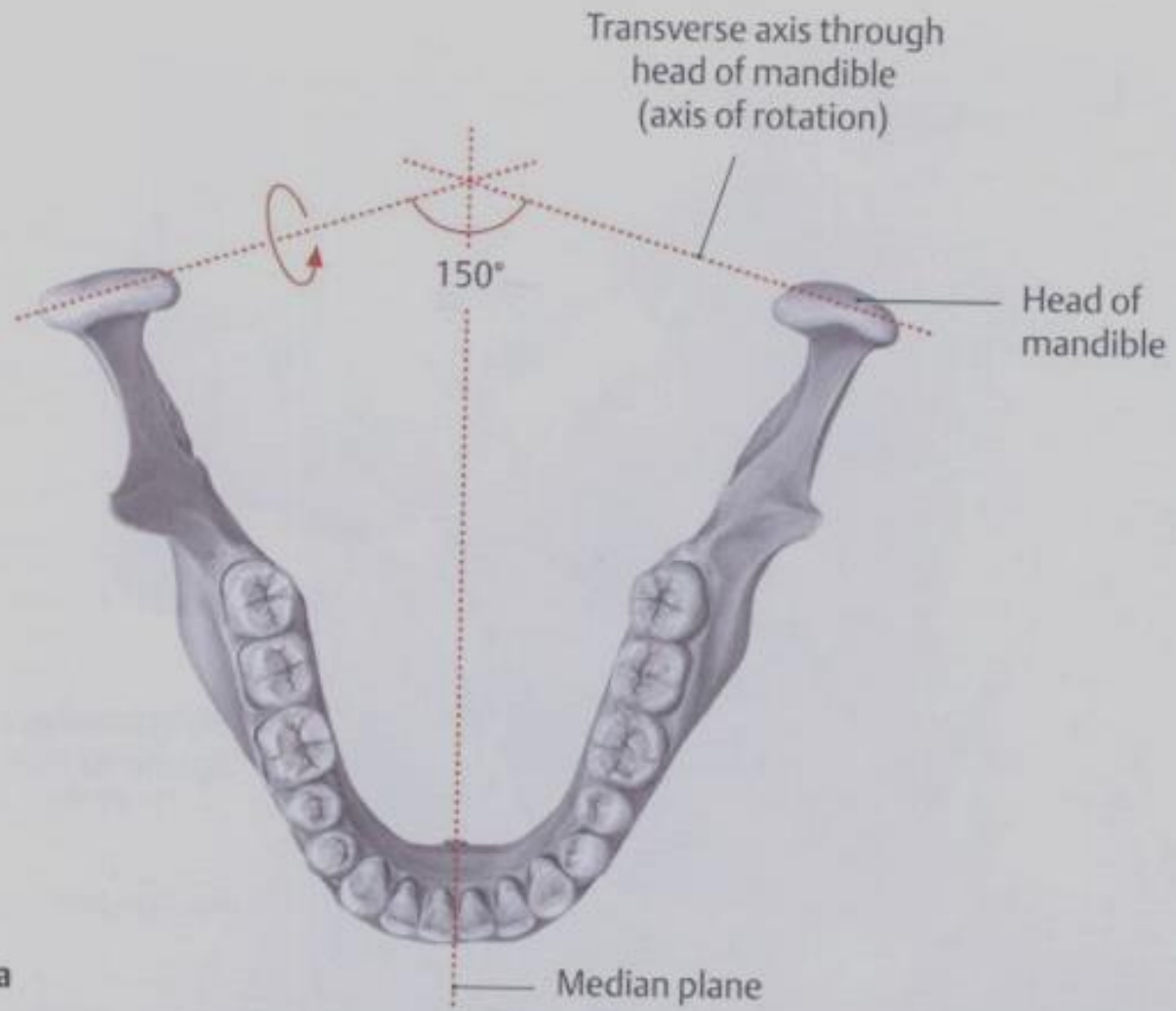
Discus articularis

Caput mandibulae

Capsula articularis

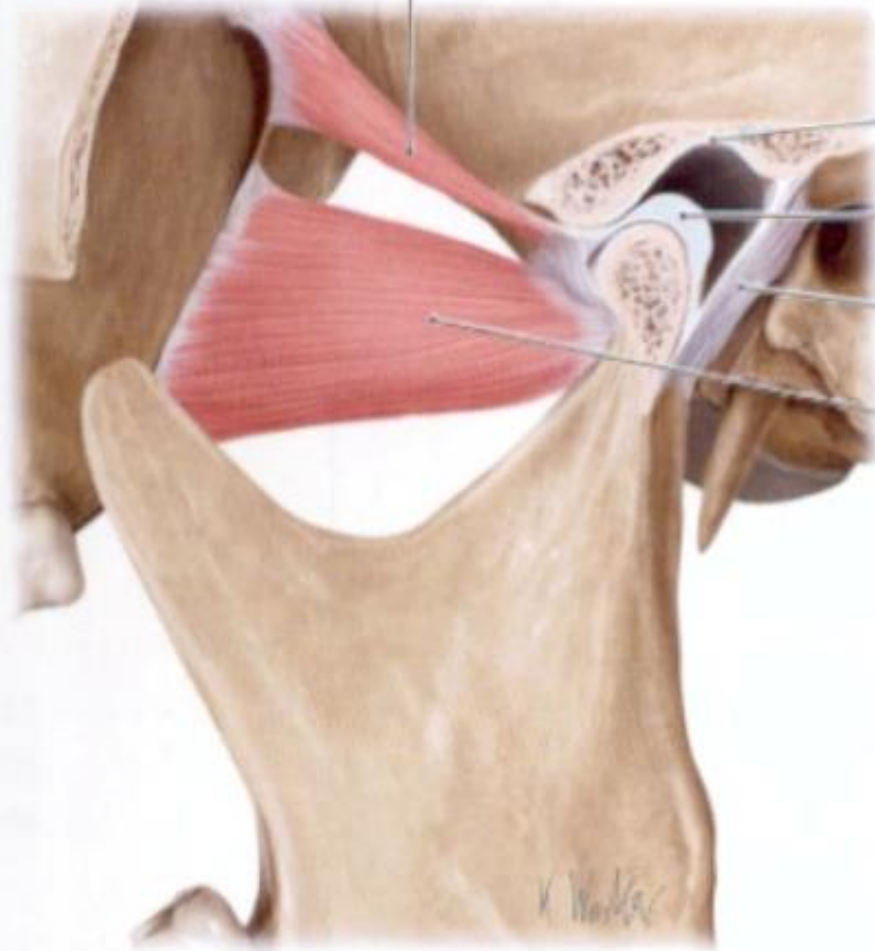
M. pterygoideus lateralis,  
Pars inferior

b





M. pterygoideus lateralis,  
Pars superior

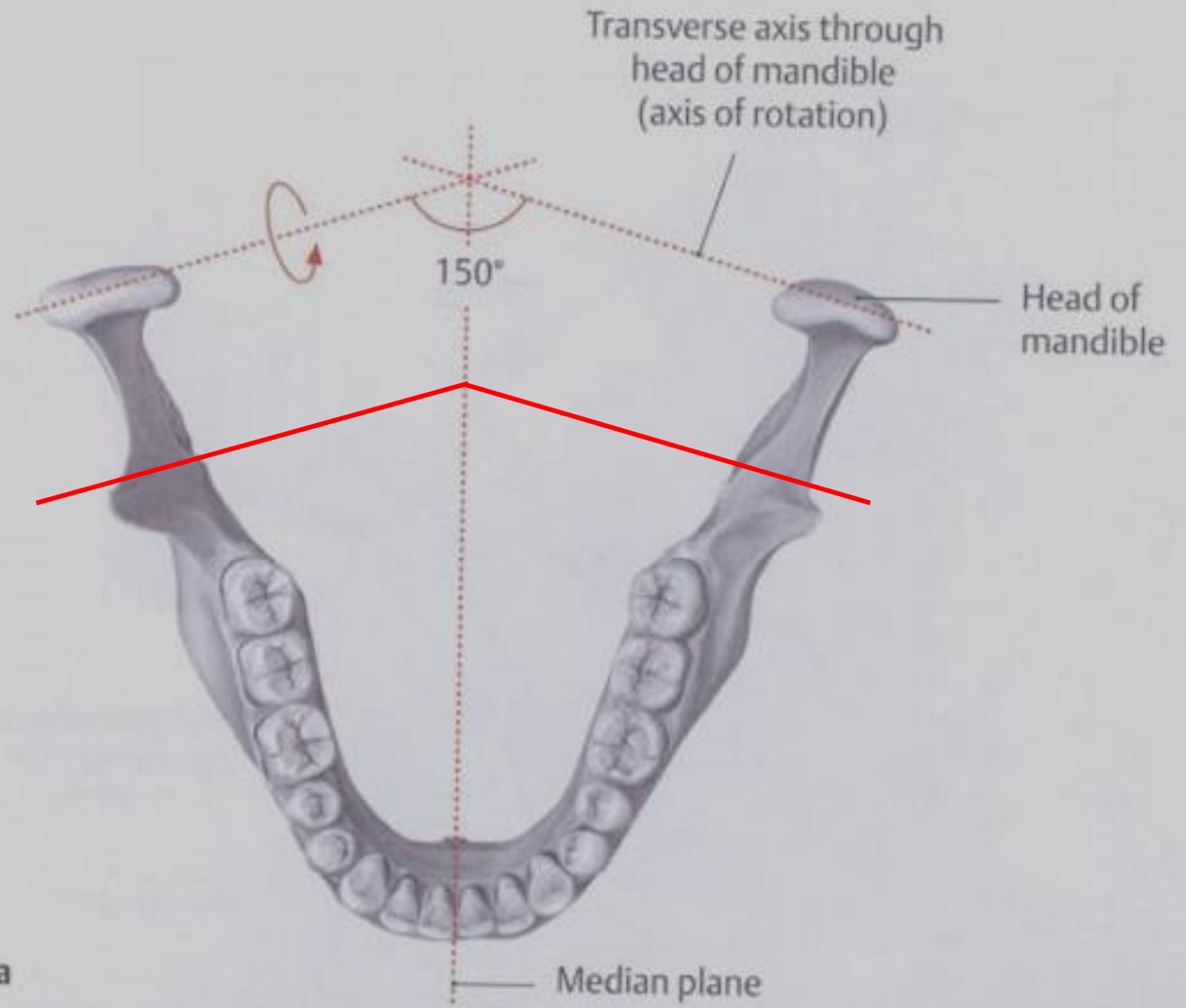


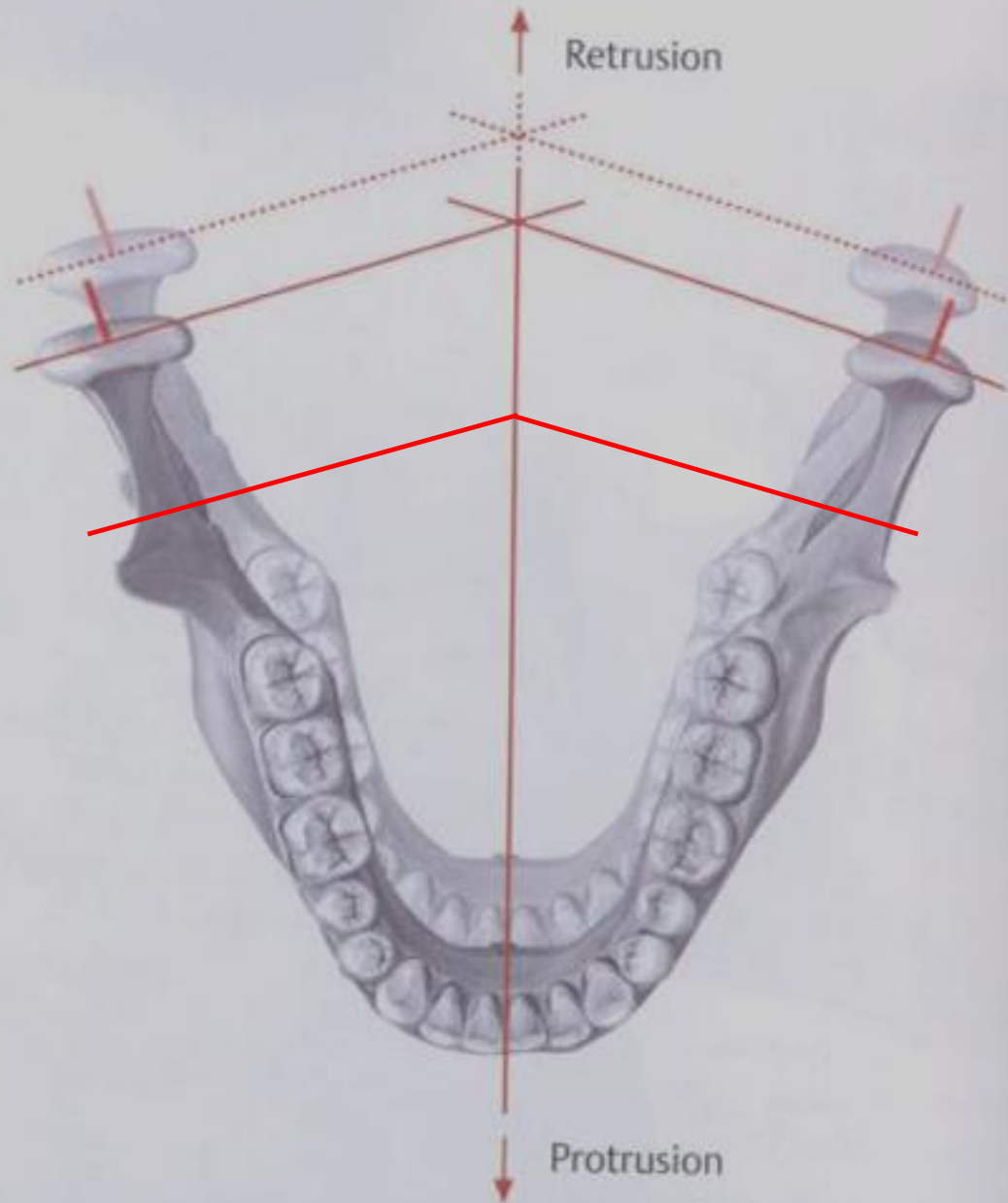
Fossa mandibularis

Discus articularis

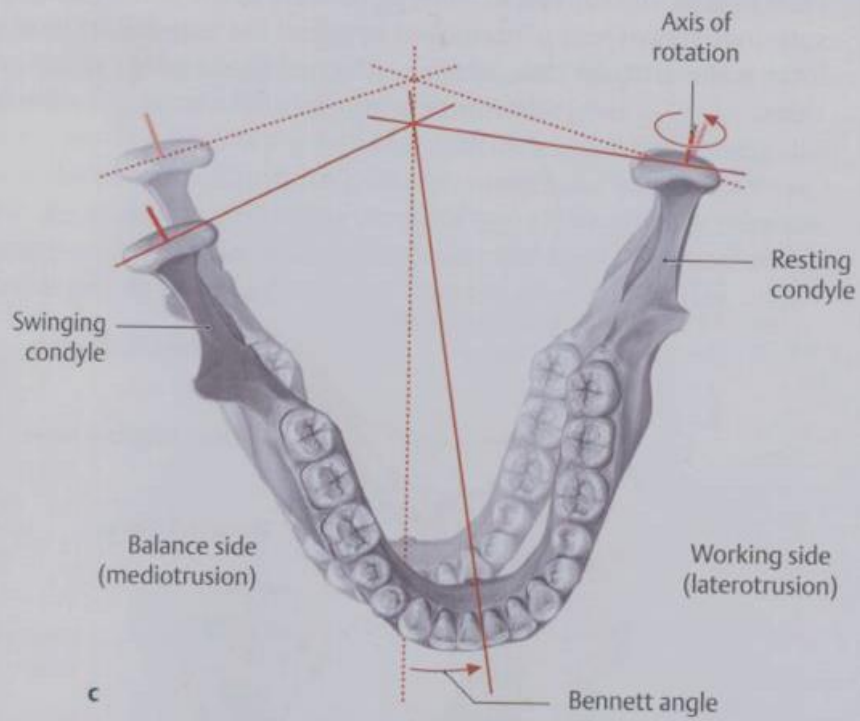
Capsula articularis

M. pterygoideus lateralis,  
Pars inferior

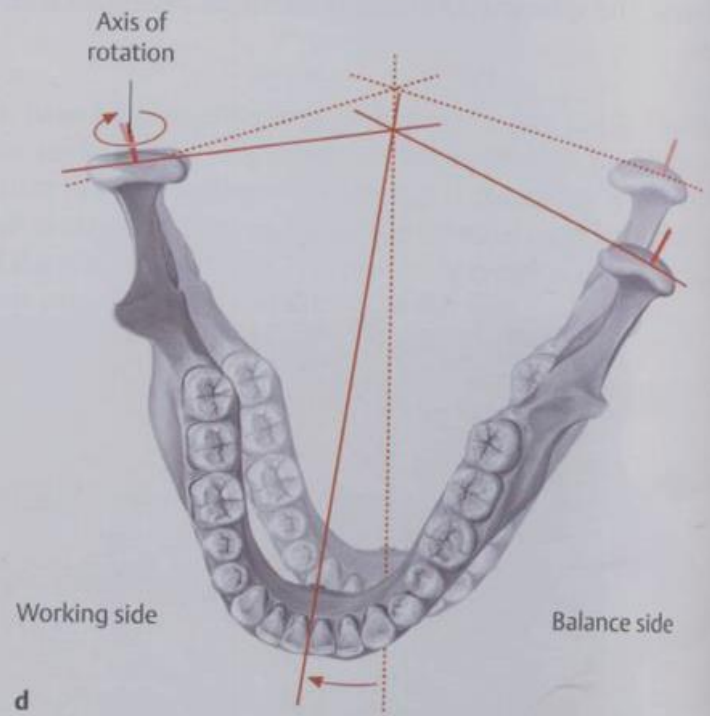




b



c



d



