

okiti

HUNGARIAN BRAIN RESEARCH PROGRAM
NEMZETI AGYKUTATÁSI PROGRAM

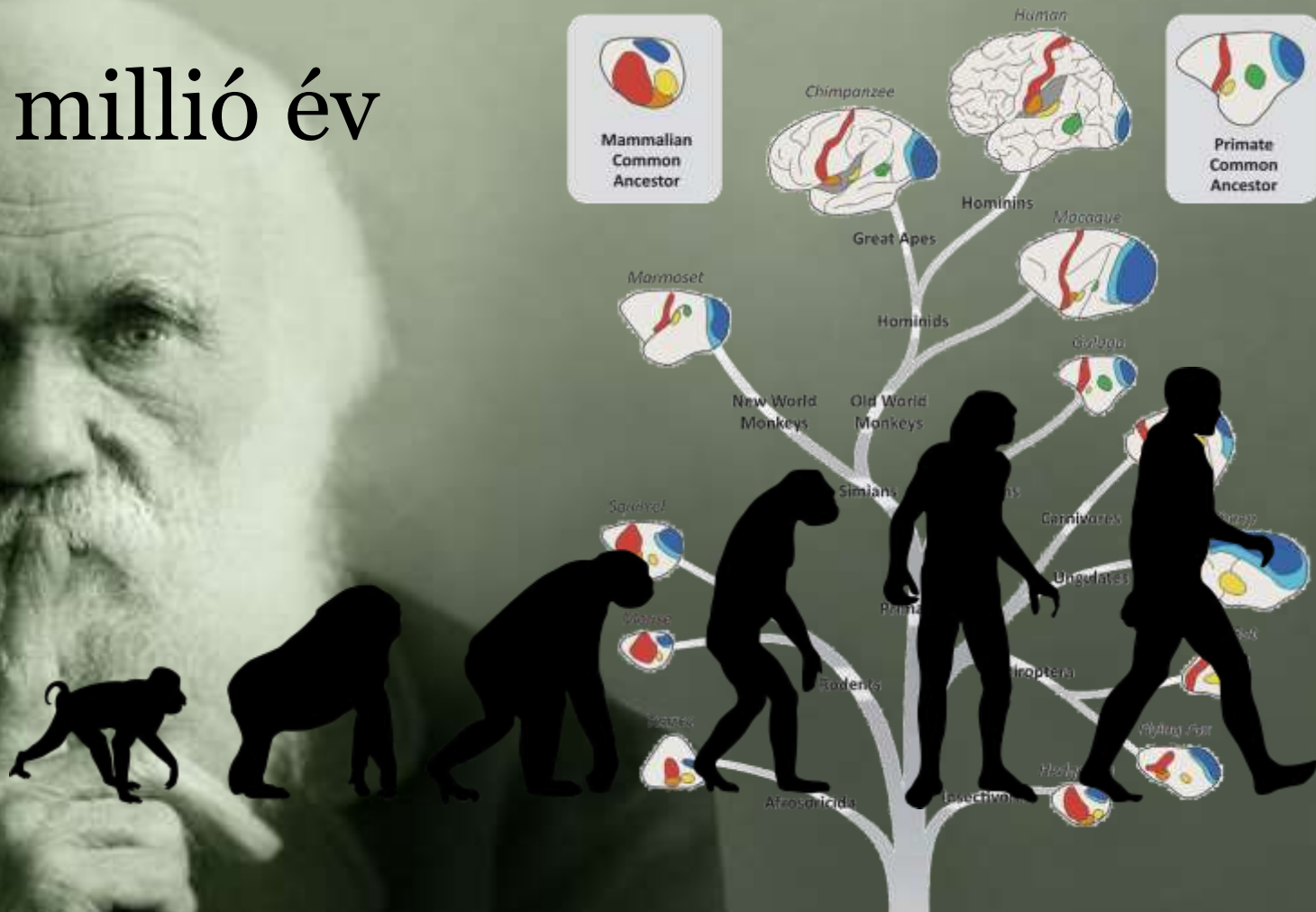


Dr. Horváth András, PhD

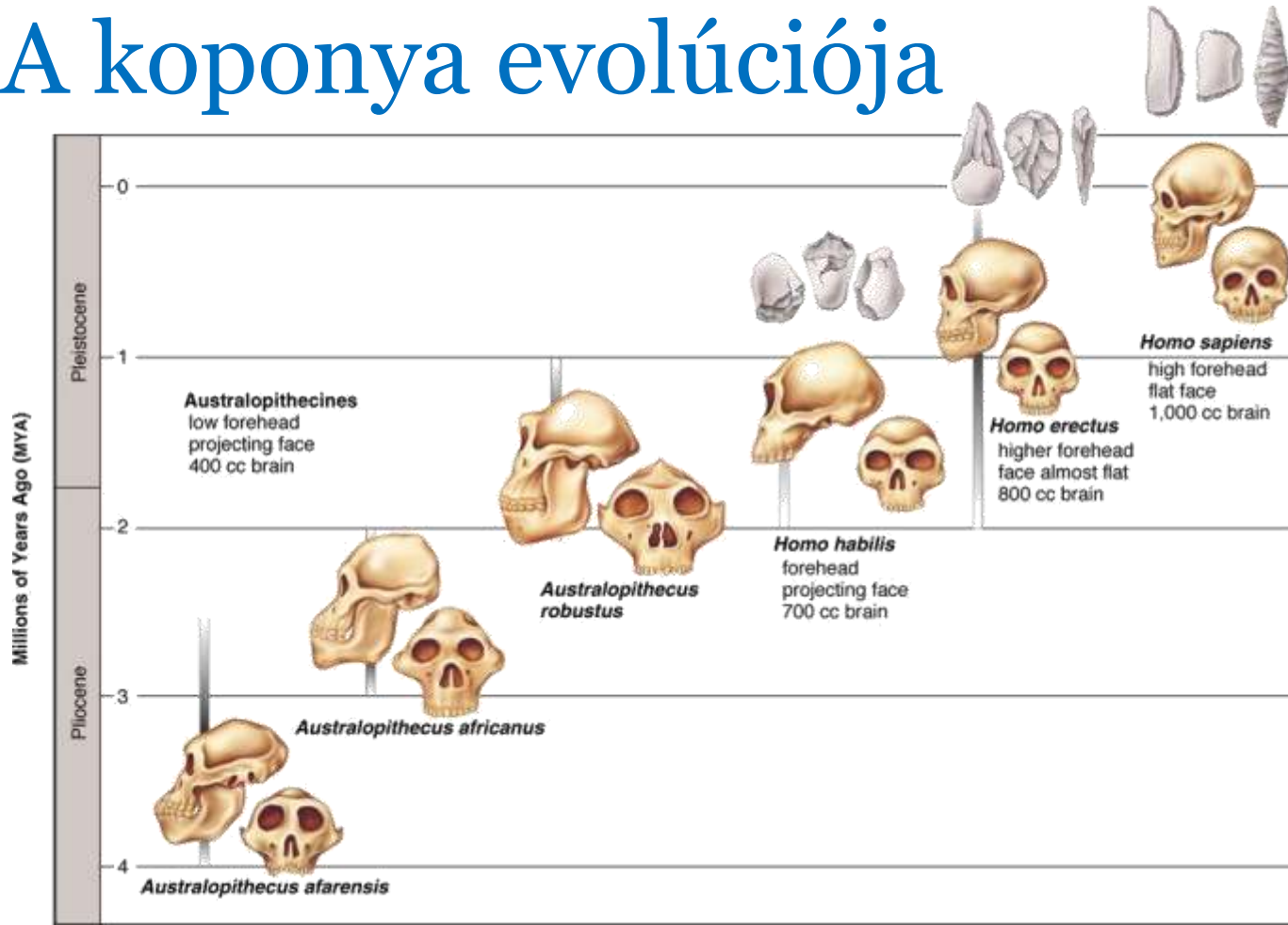
Fej-nyaki anatómia



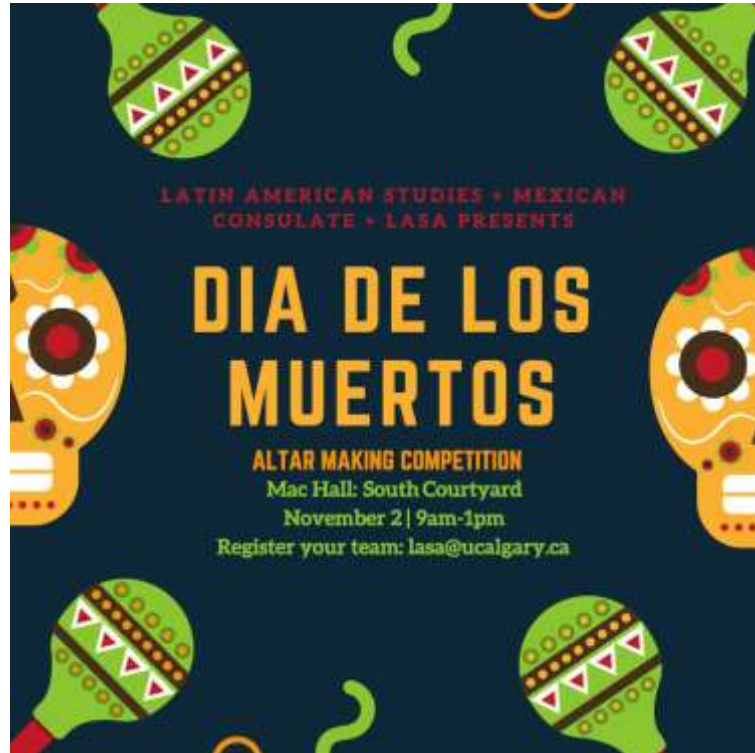
7.2 millió év



A koponya evolúciója



Szimbolizmus



Rasz különbségek



Figure 1a. European skull.
(Source: Smithsonian Institution, illustrator Diana Marques)



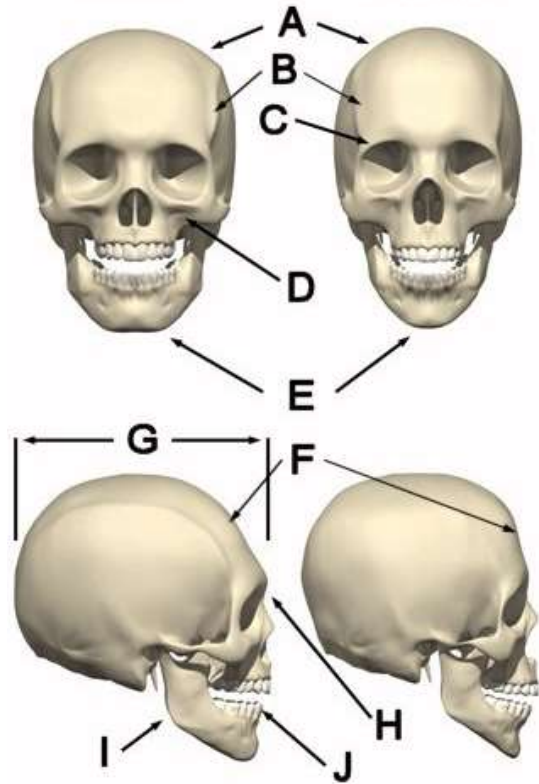
Figure 1b. American Indian skull.
(Source: Smithsonian Institution, illustrator Diana Marques)



Figure 1c. Sub-Saharan African skull.
(Source: Smithsonian Institution, illustrator Diana Marques)



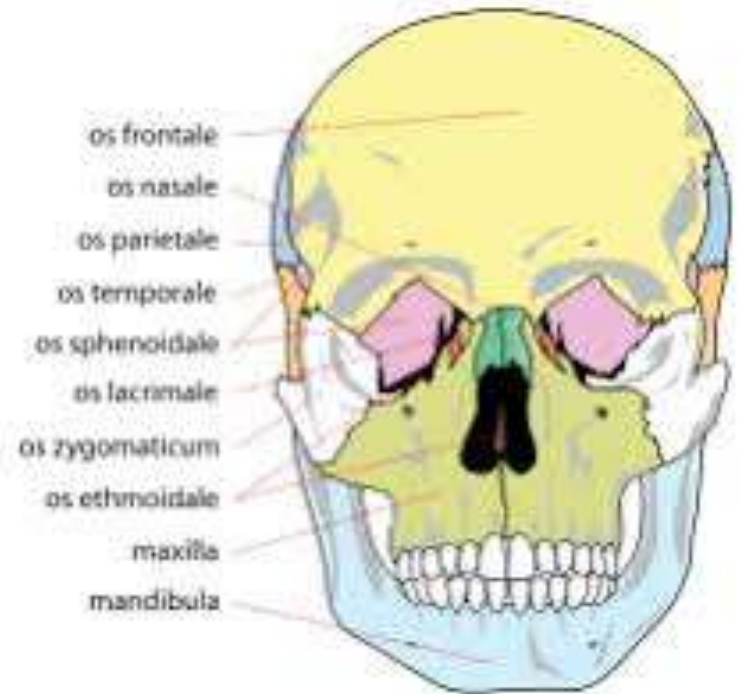
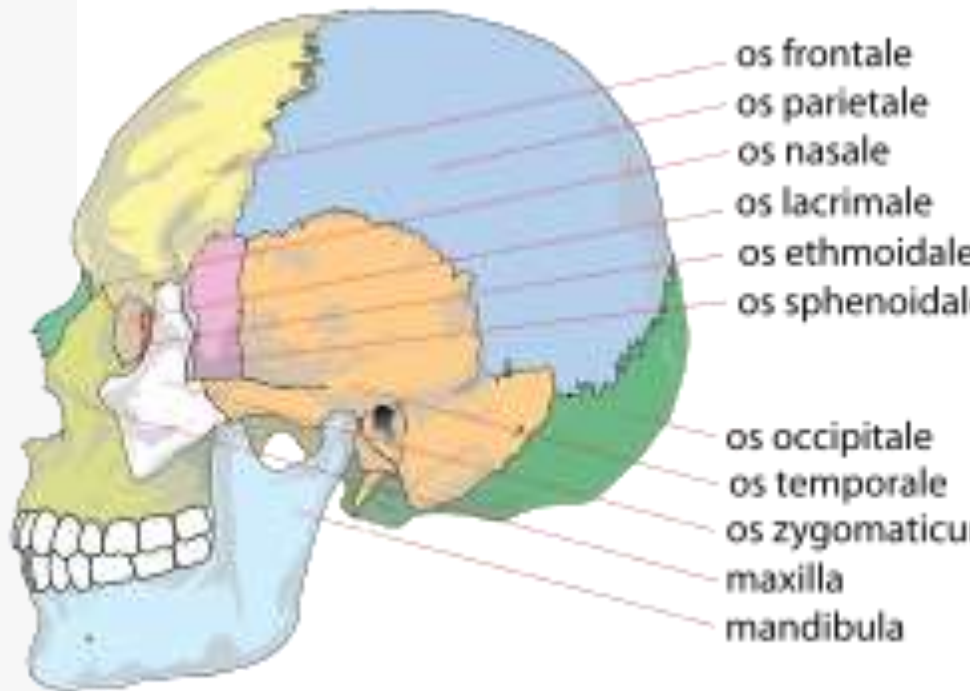
Nemi jellegek



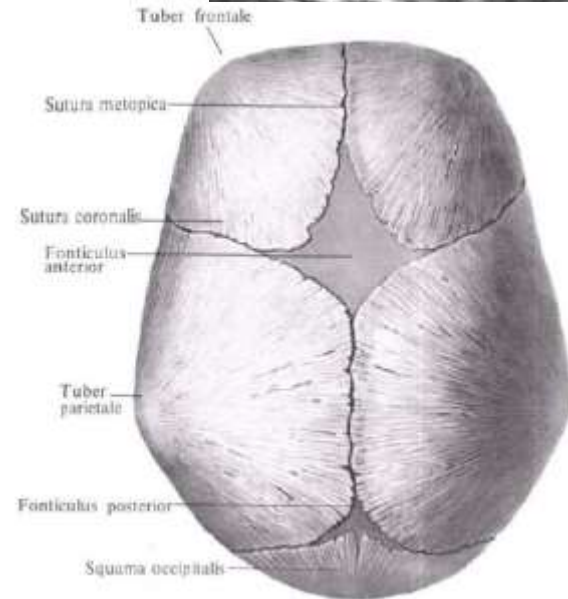
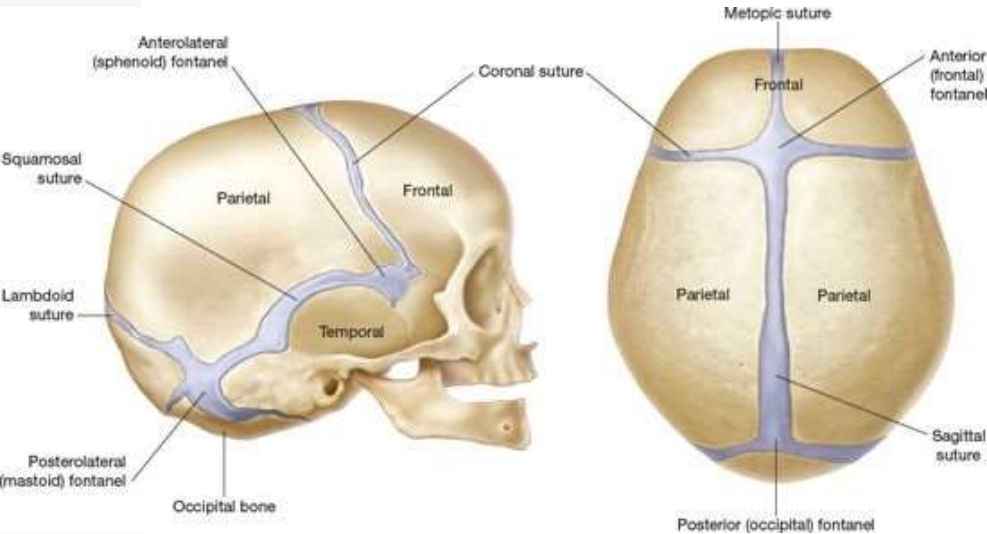
Szexuális attrakció



A koponya 29 csontja

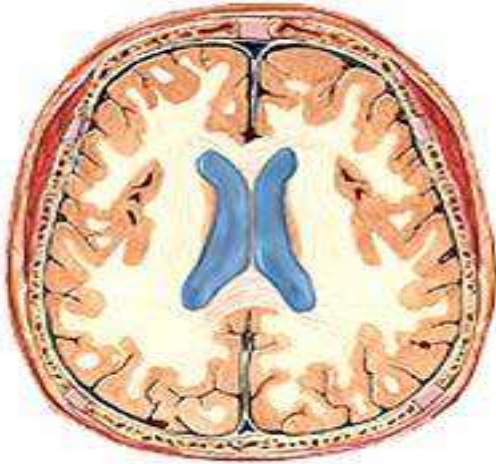


Suturák és fonticulusok

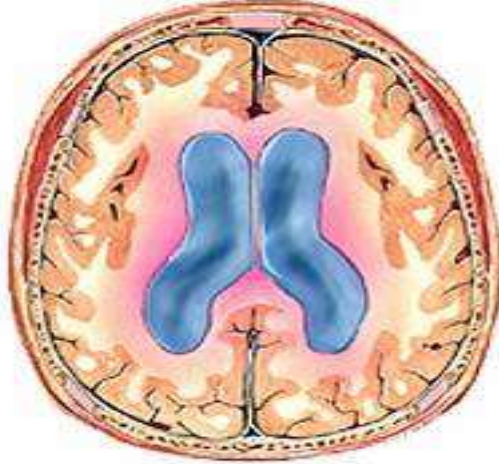


Hydrocephalus

Normal



Hydrocephalic



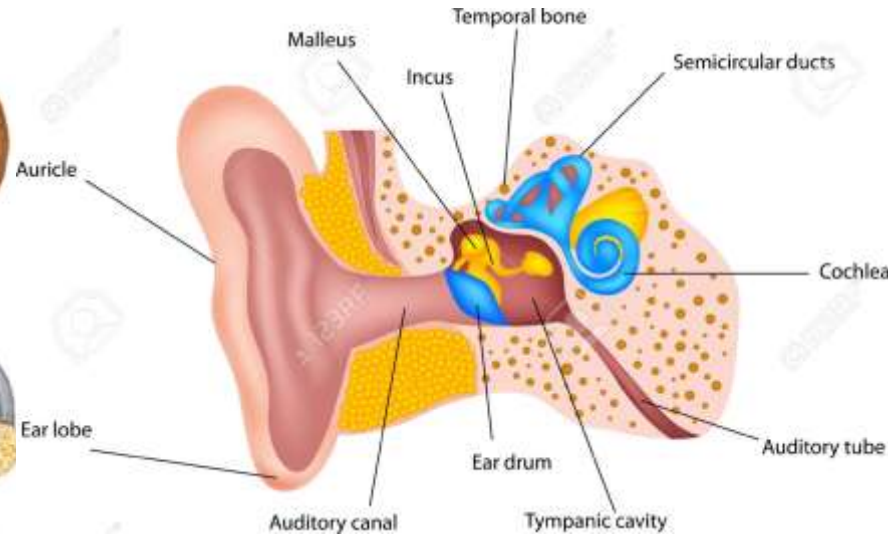
ADAM.



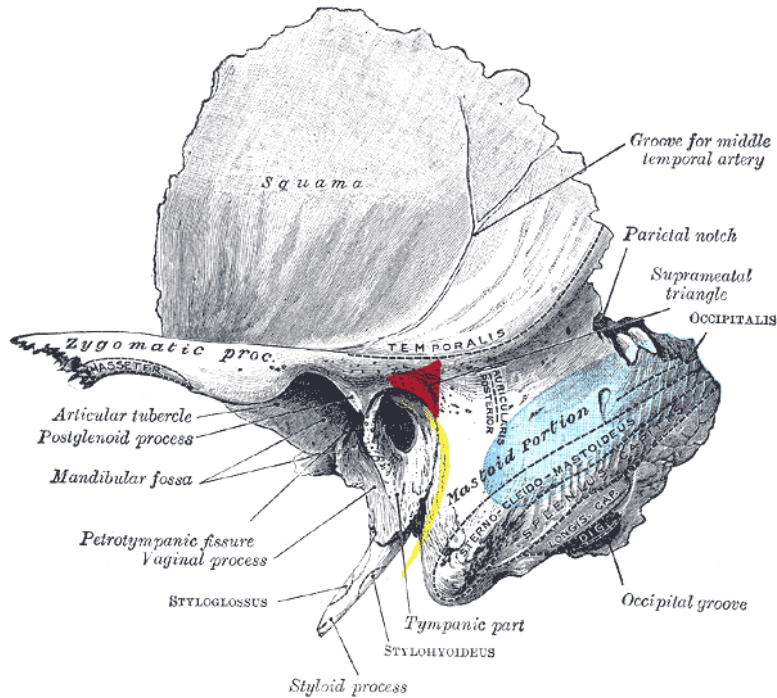
Rejtett üregek és labirintusok



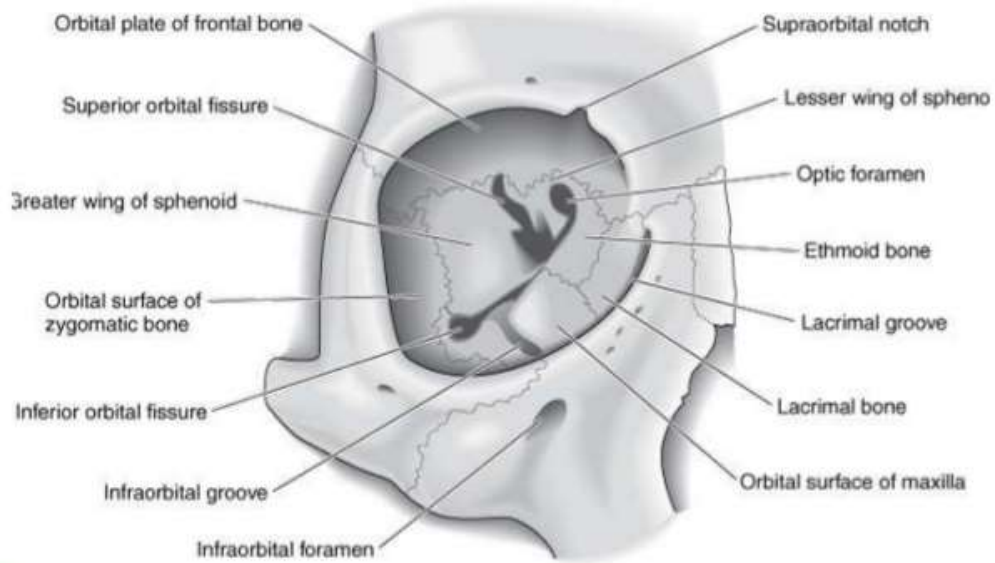
Os temporale



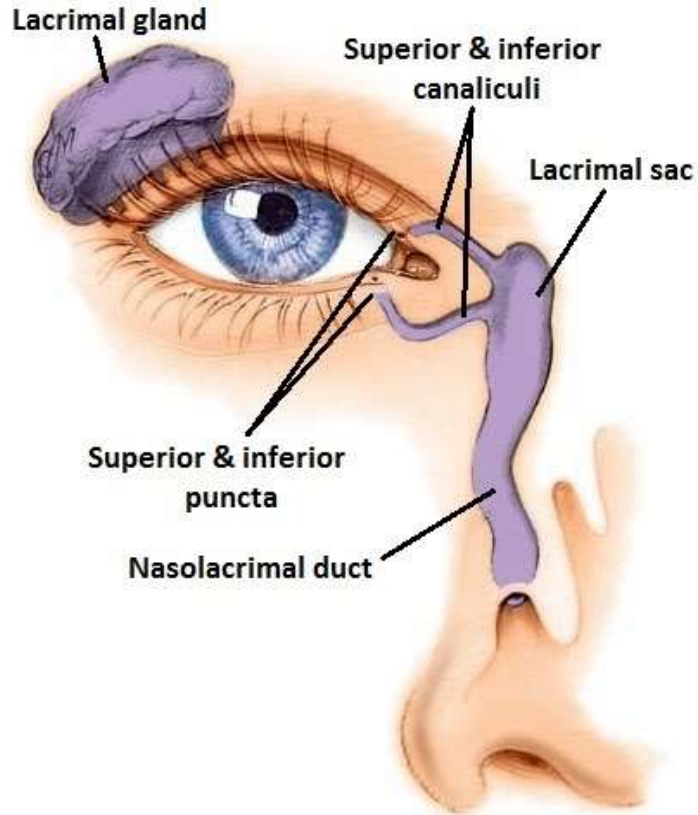
Antrum mastoideum



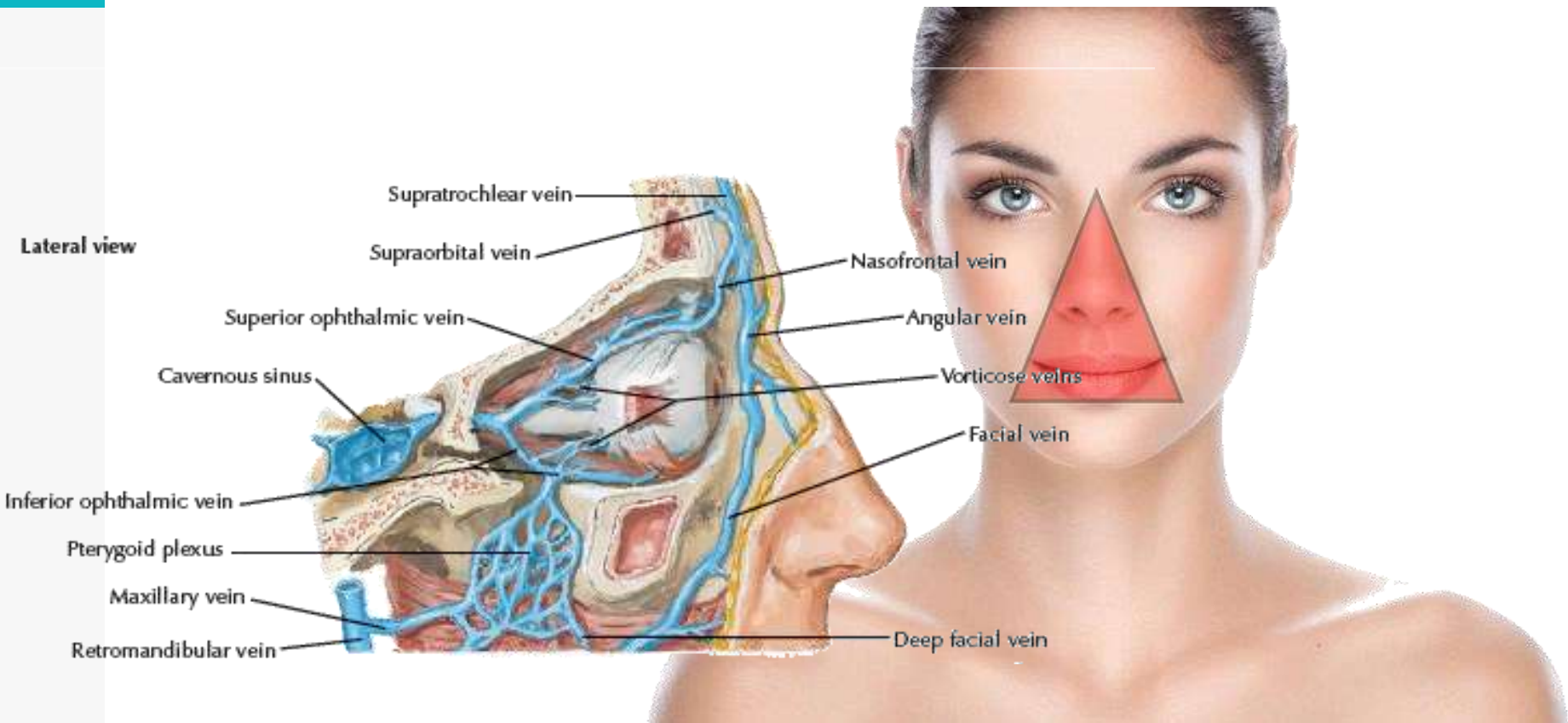
Orbita



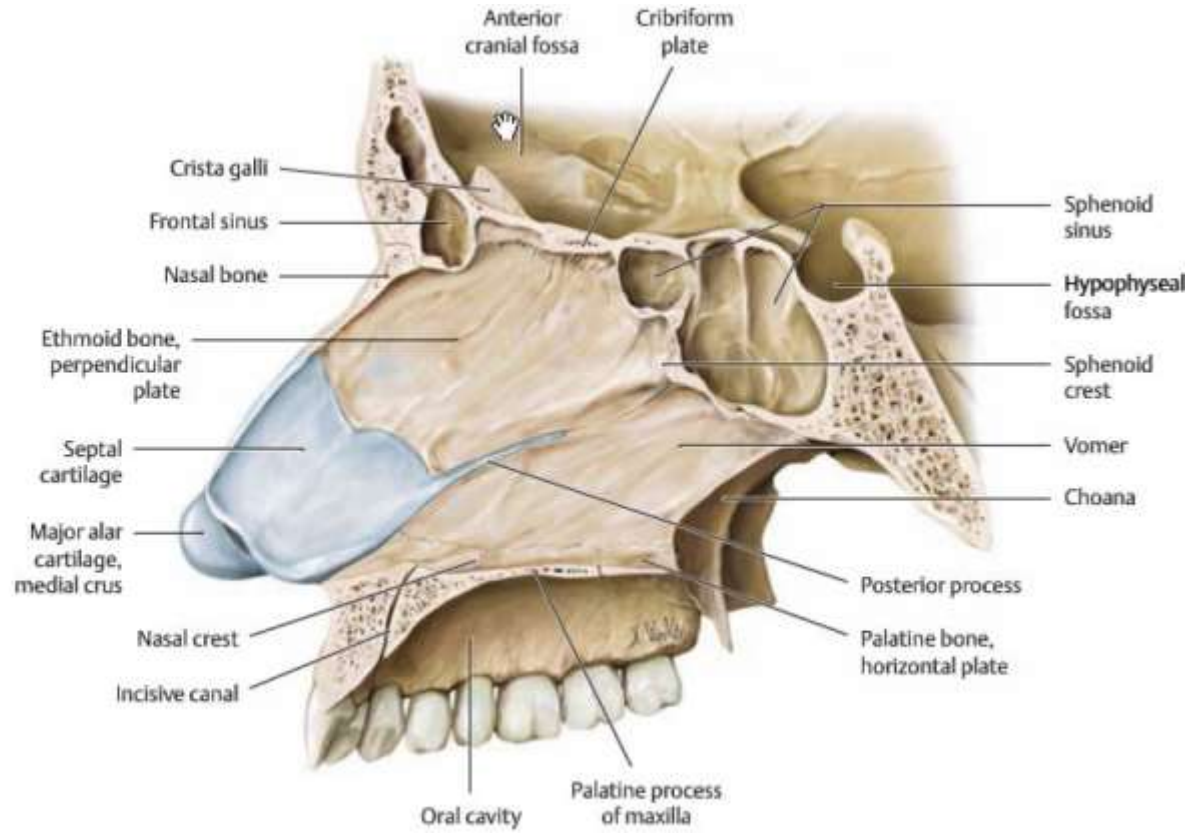
Ductus nasolacrimalis



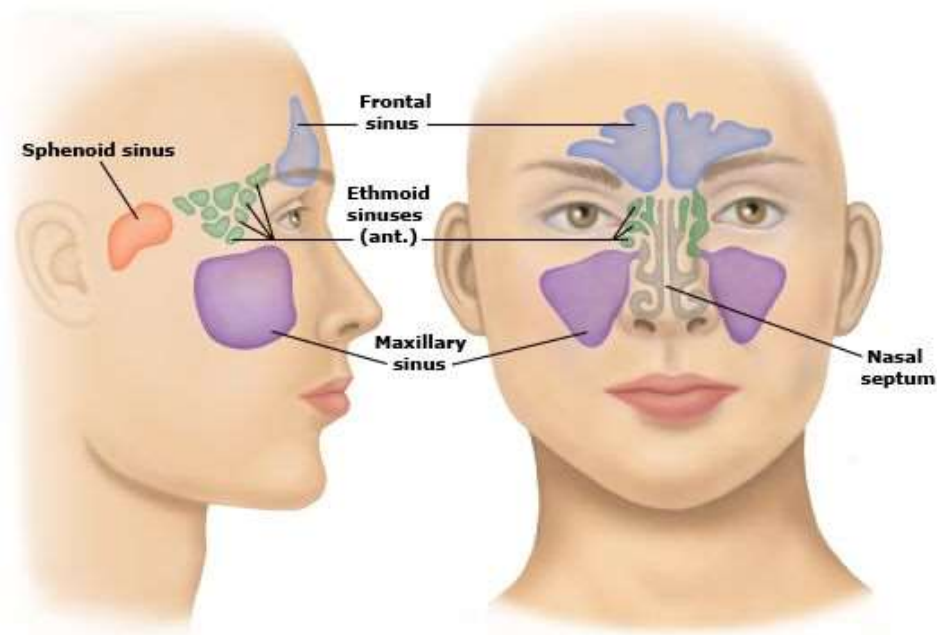
Az arc veszély háromszöge



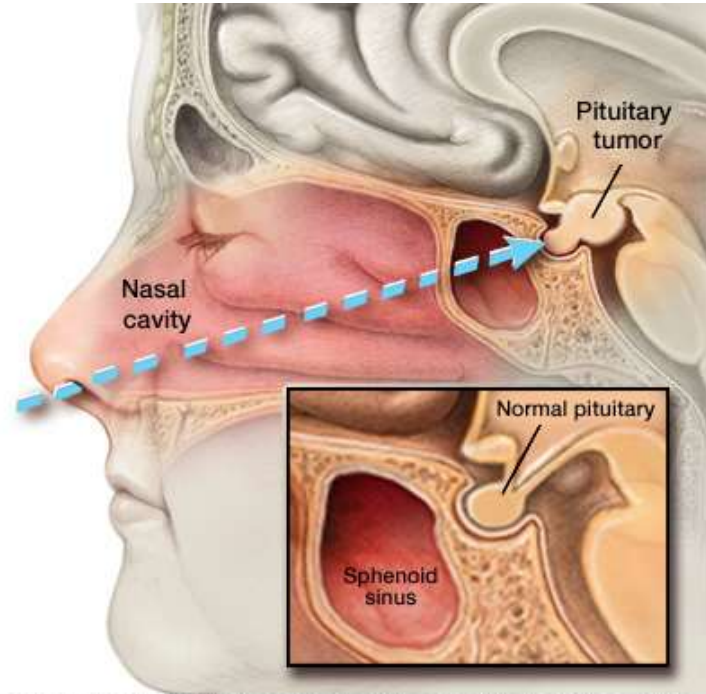
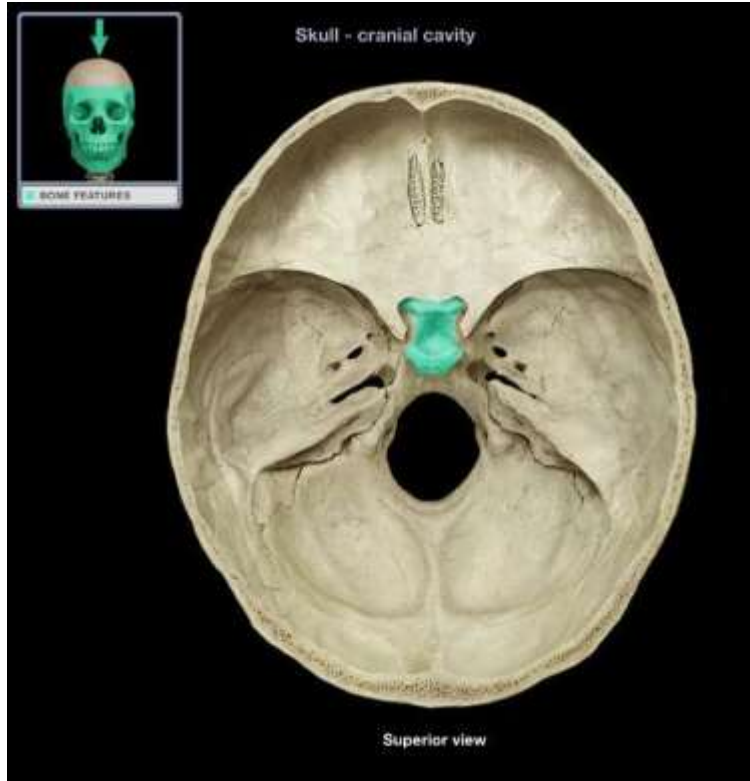
Cavum nasi



Sinus paranasales



Sella turcica



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Csatornák és nyílások



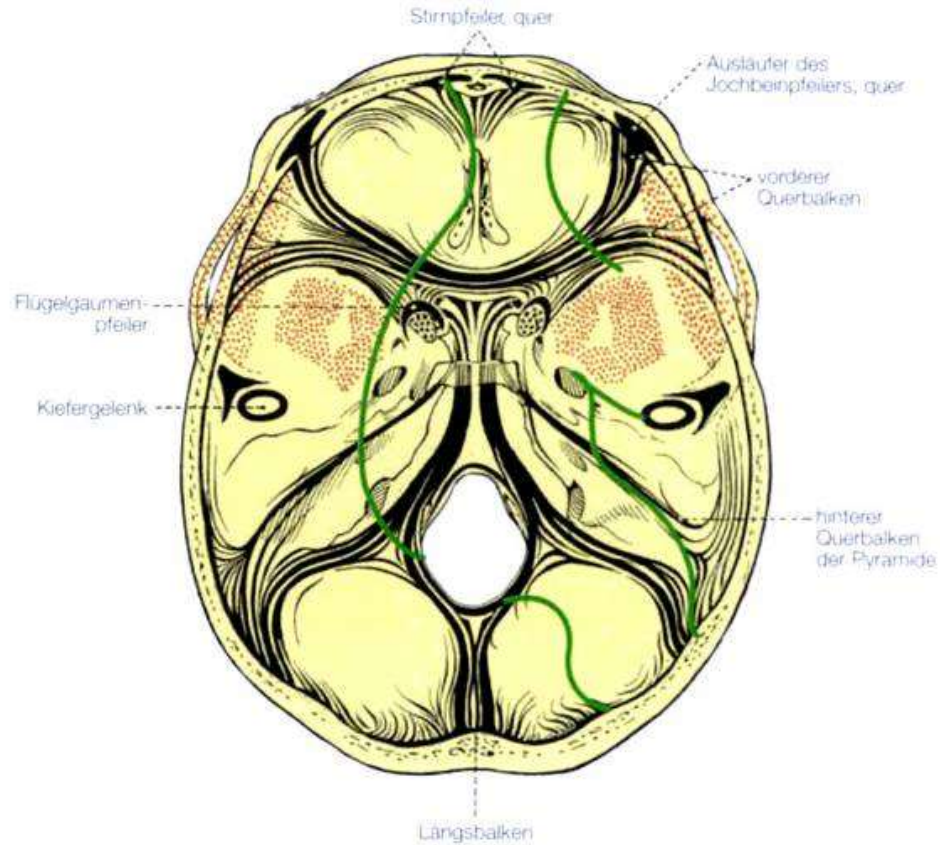
Basis cranii interna/ externa

STUDY MEDICINE THEY SAID

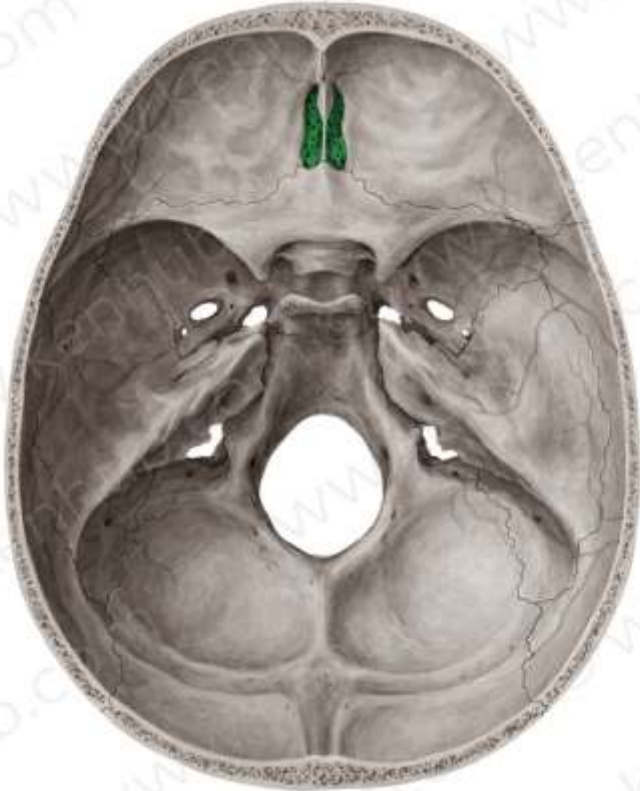


IT WILL BE FUN THEY SAID

Basis törés



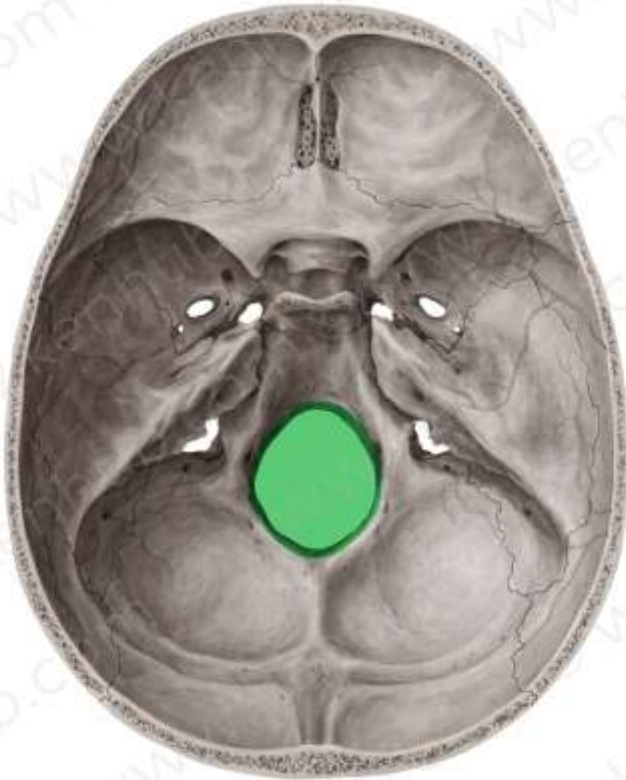
Lamina cribrosa



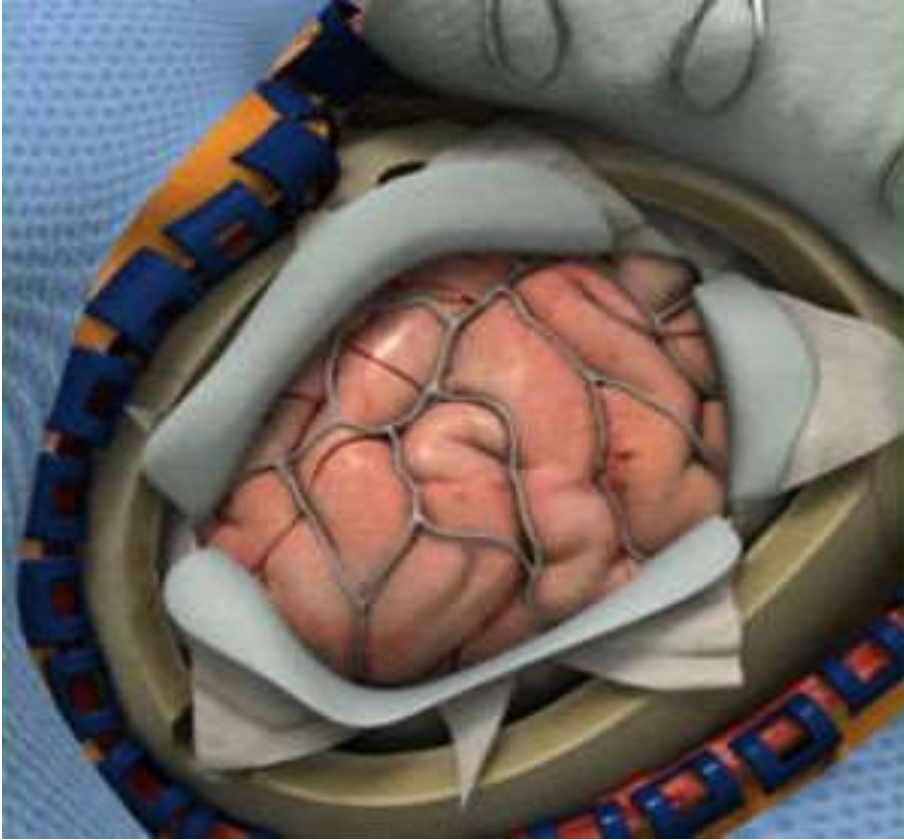
Foramen ovale



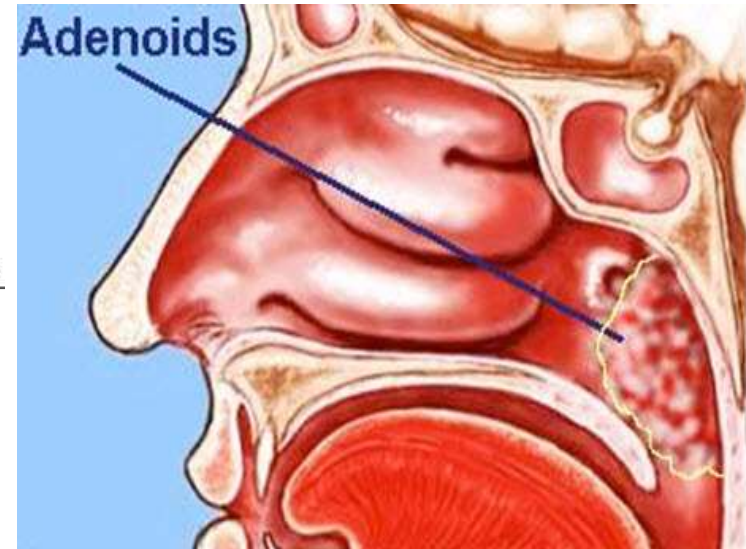
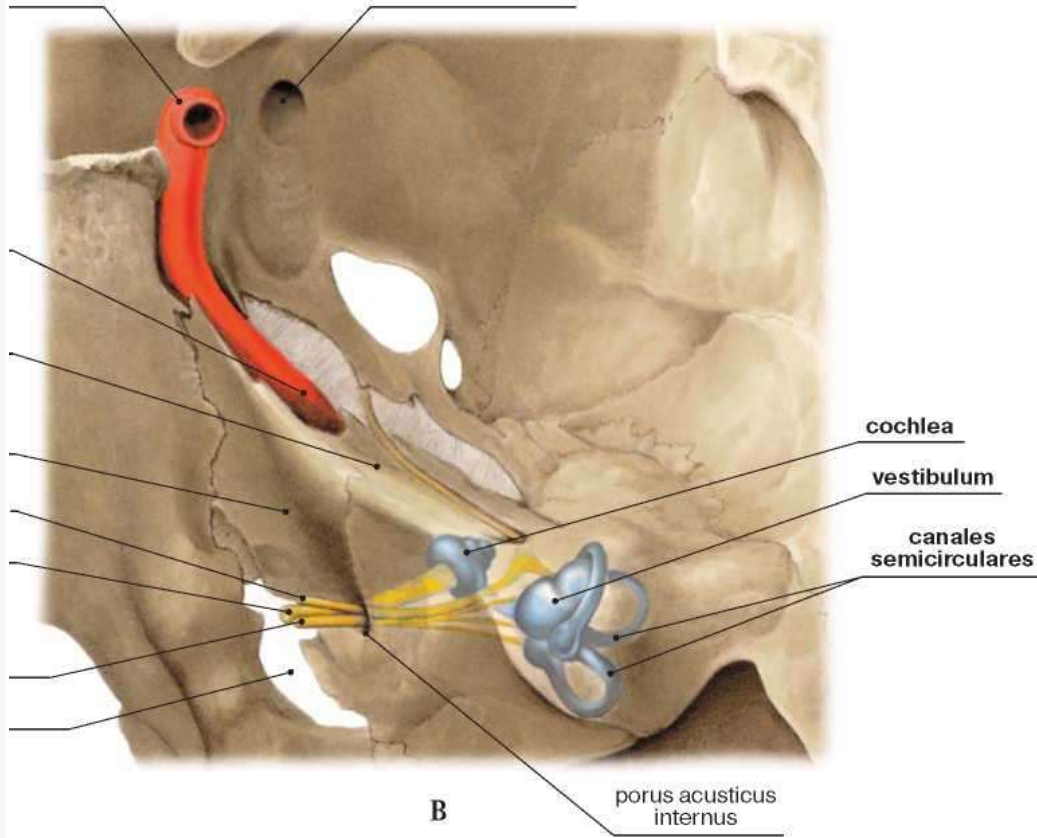
Foramen magnum



Craniotomy, trepanatio



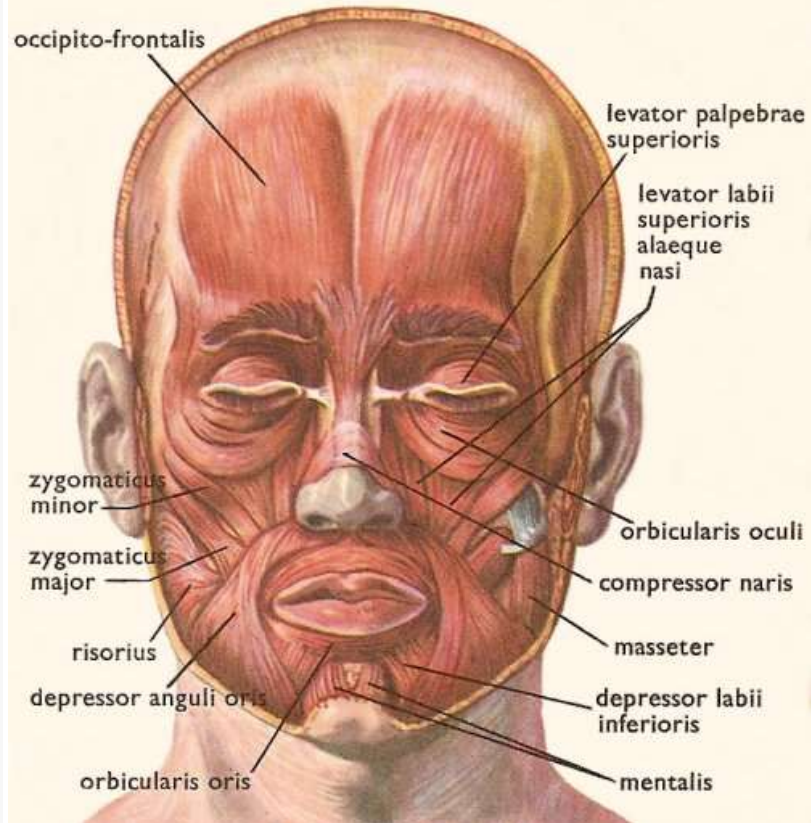
Canalis musculotubarius



Lágyszövetek



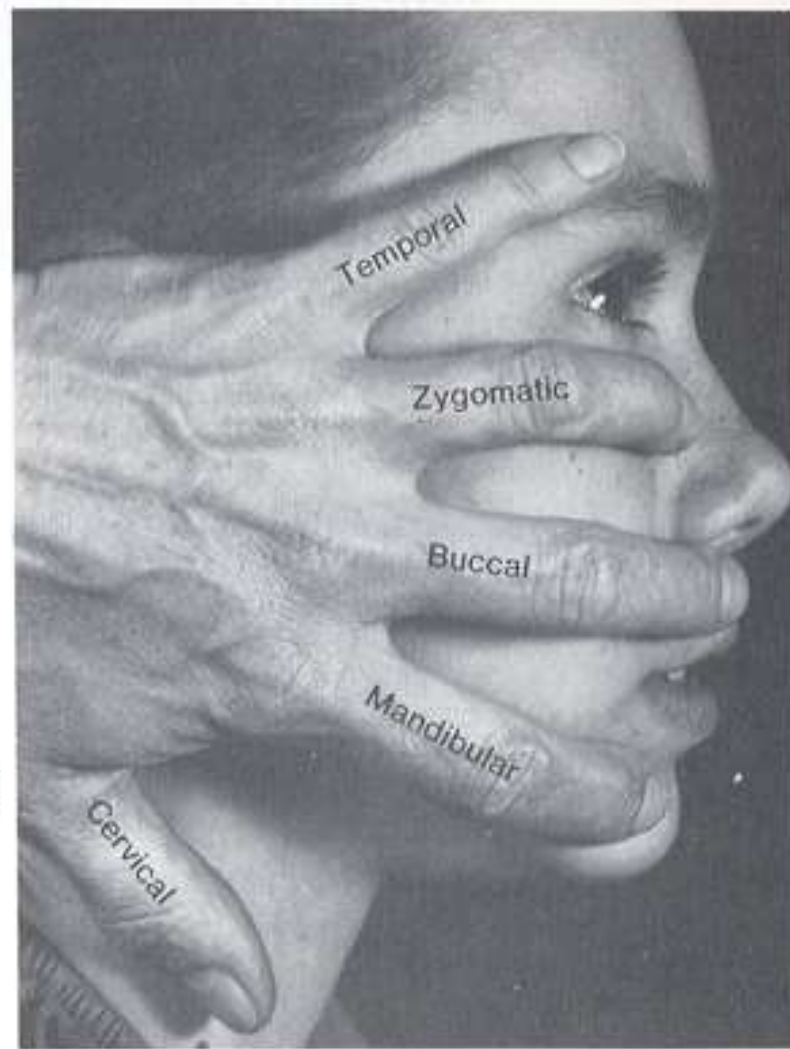
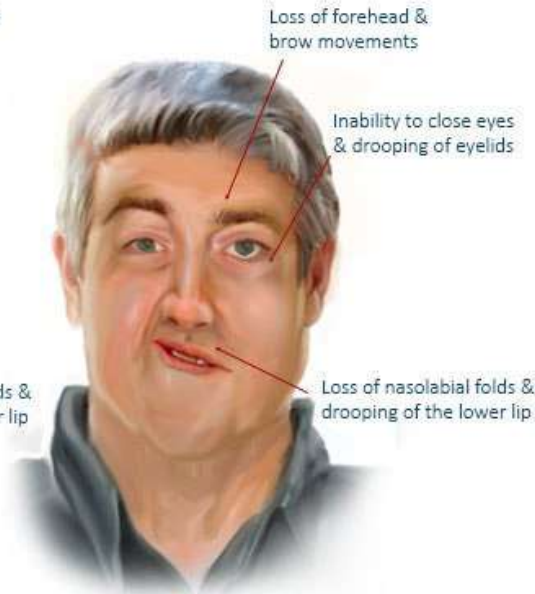
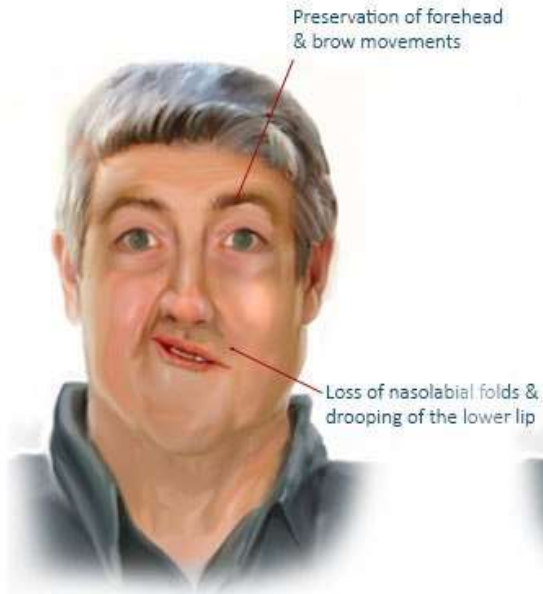
Mimikai izmok



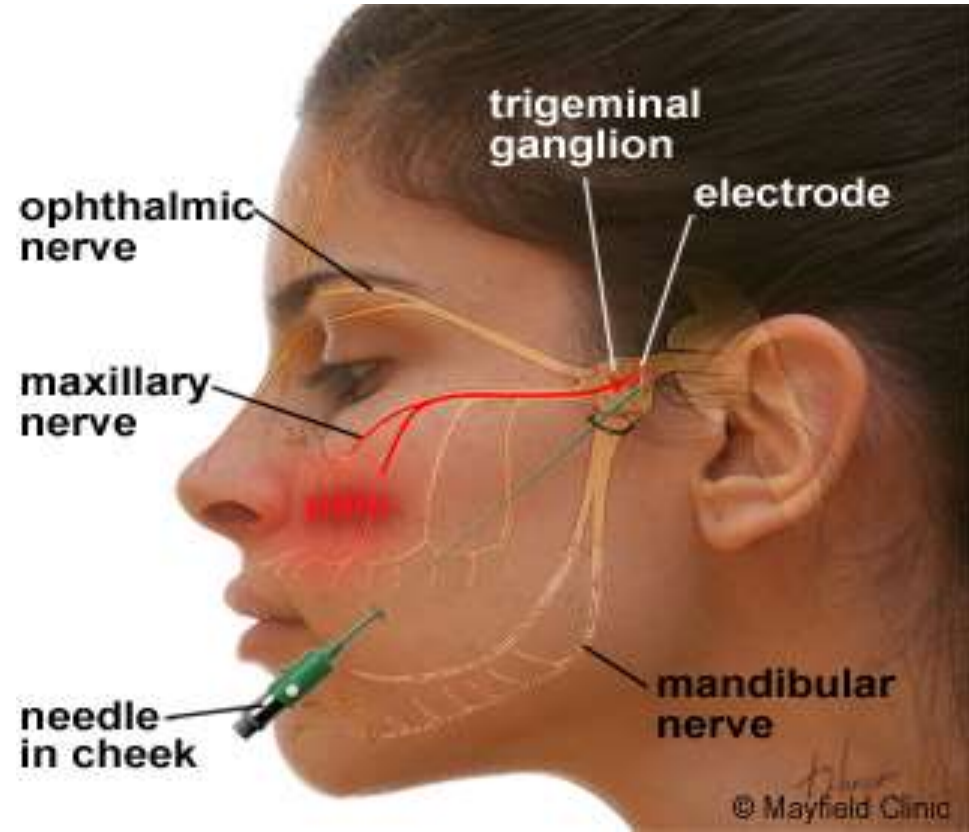
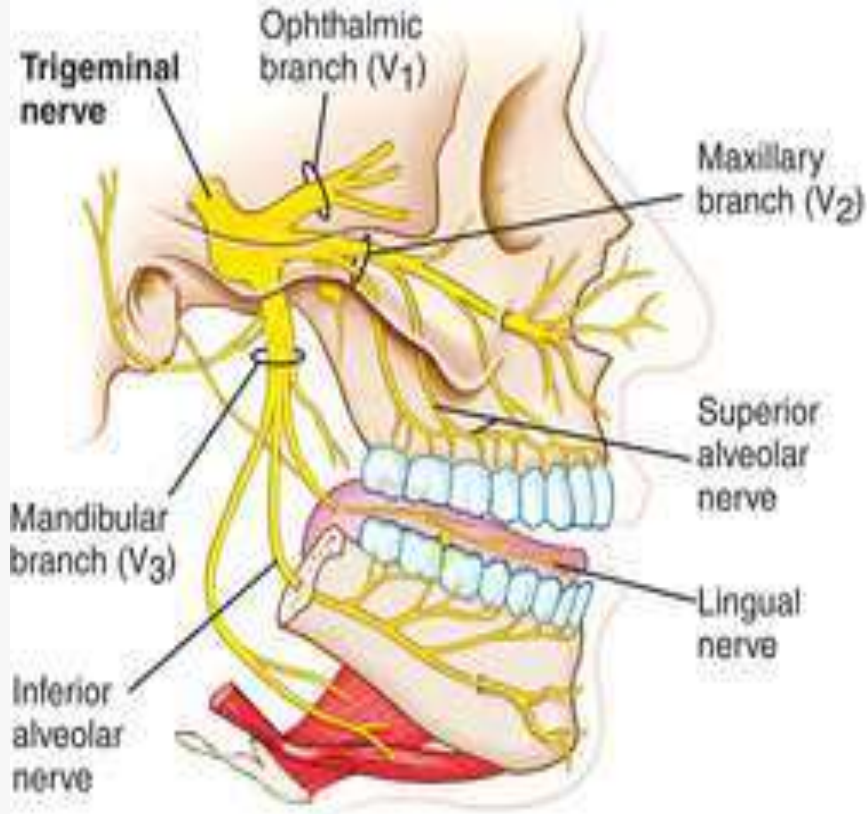
Nervus facialis

Central facial palsy

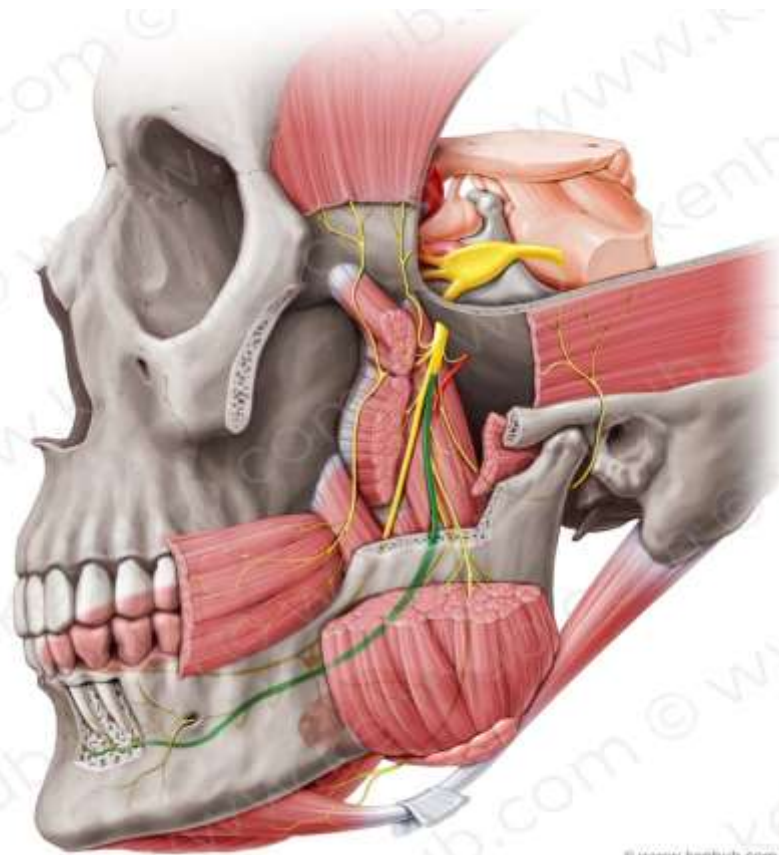
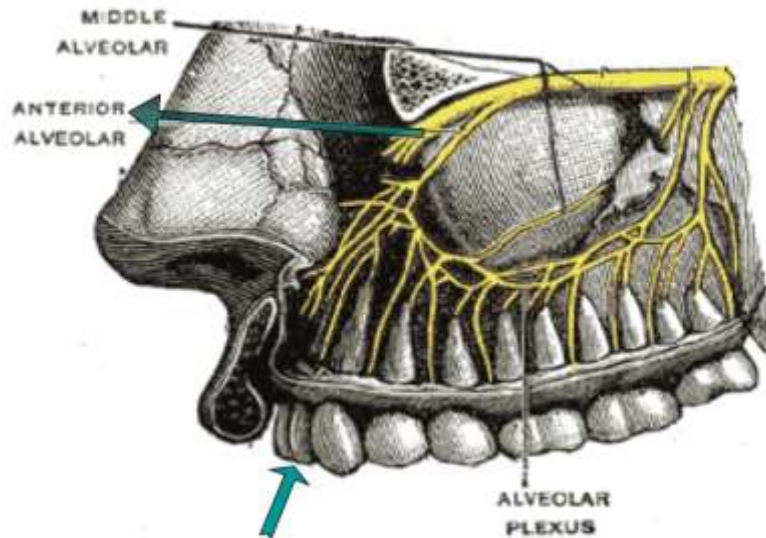
Peripheral facial palsy



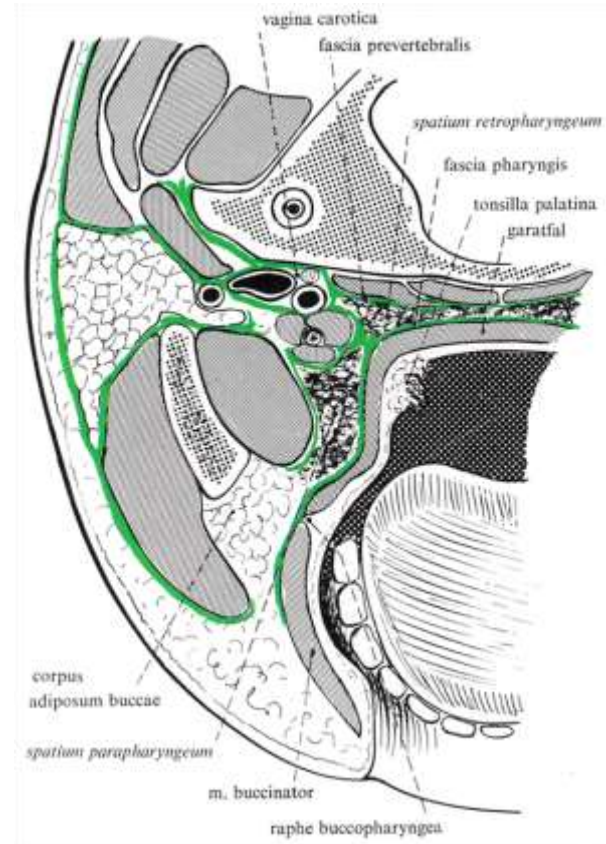
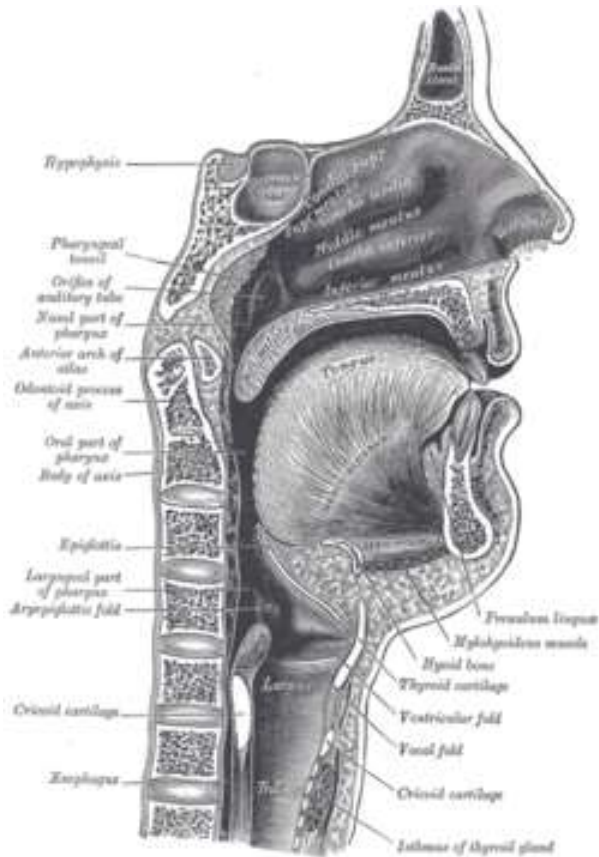
Nervus trigeminus



Nervi alveolares

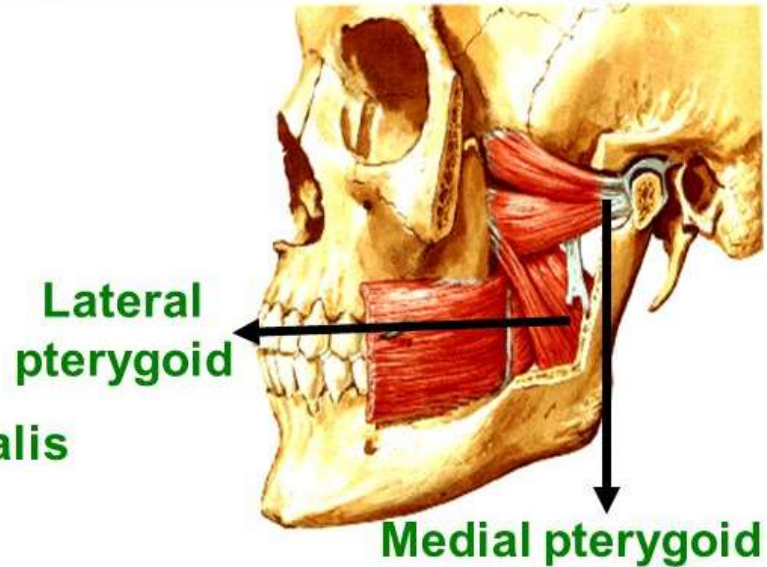
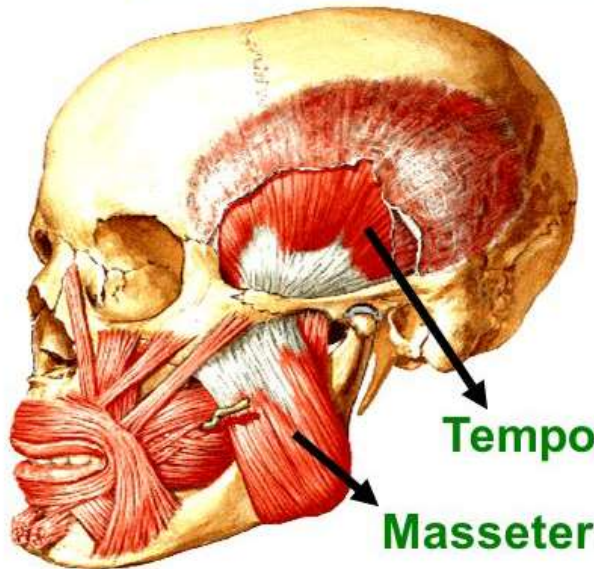


Mediasztinális terjedés

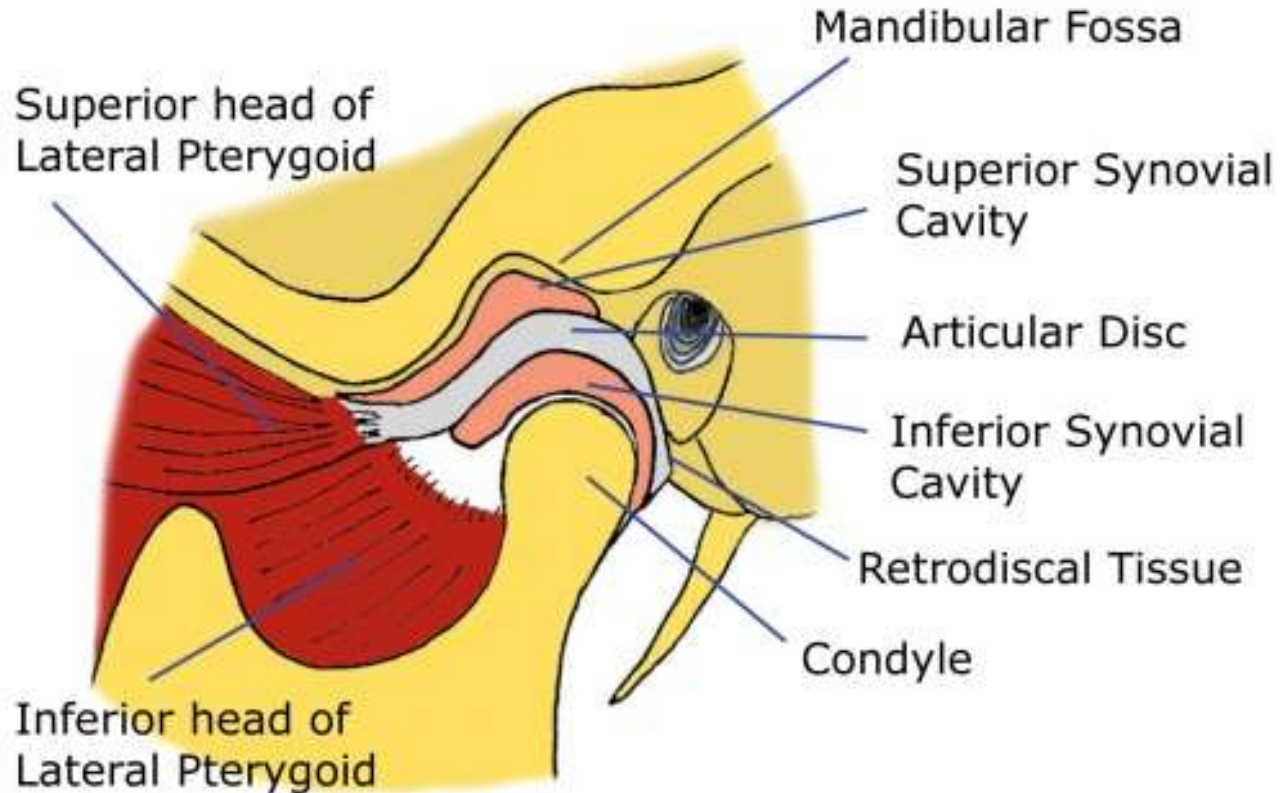


Rágóizmok

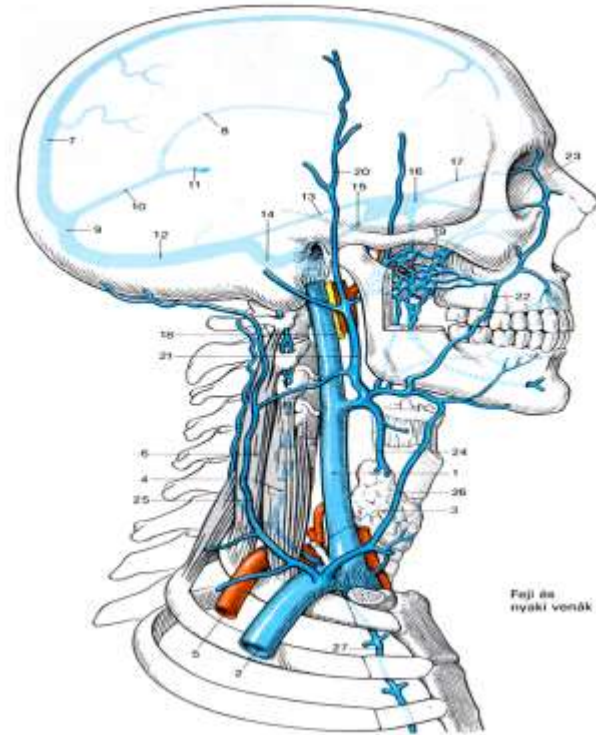
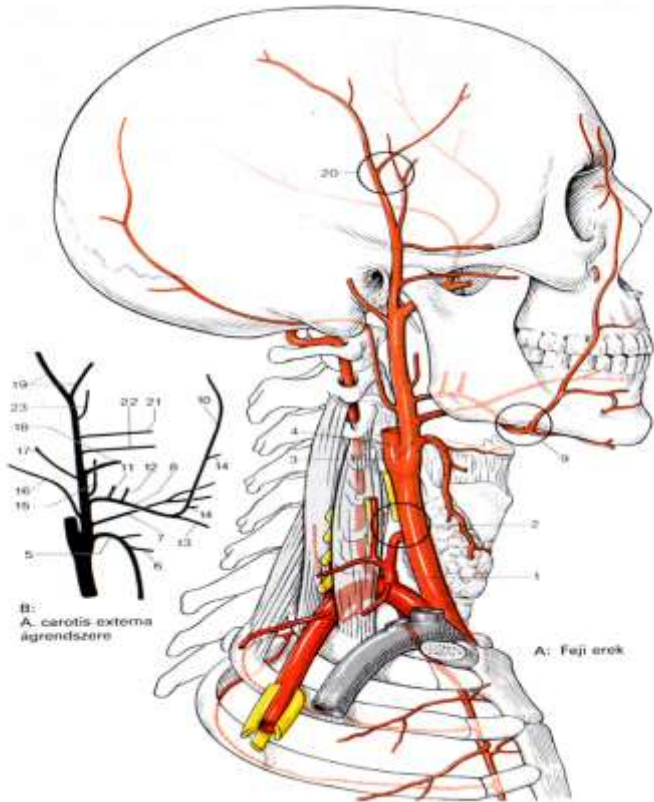
1) Masseter	2) Temporalis
3) Lateral pterygoid	4) Medial pterygoid



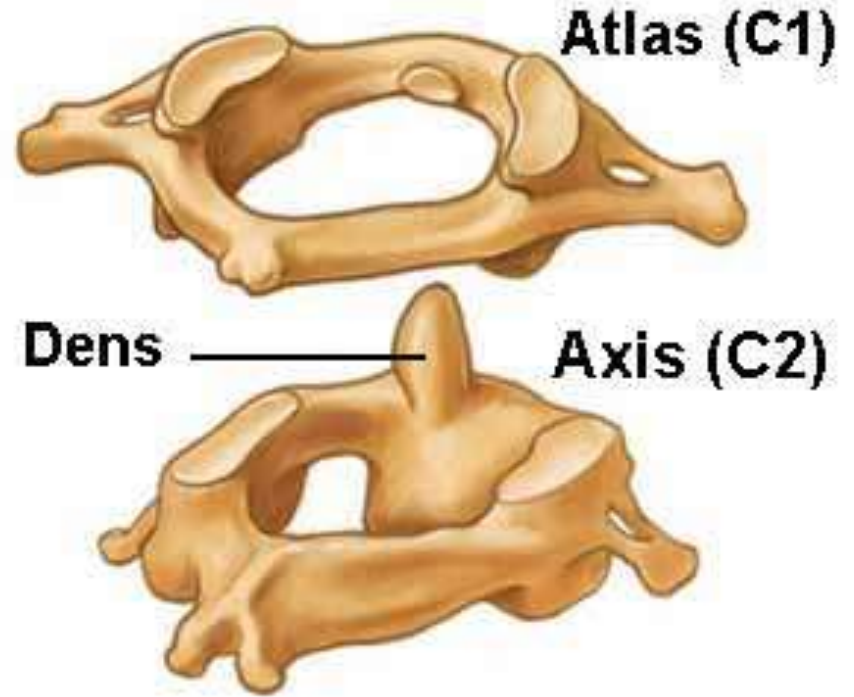
Articulatio temporomandibularis



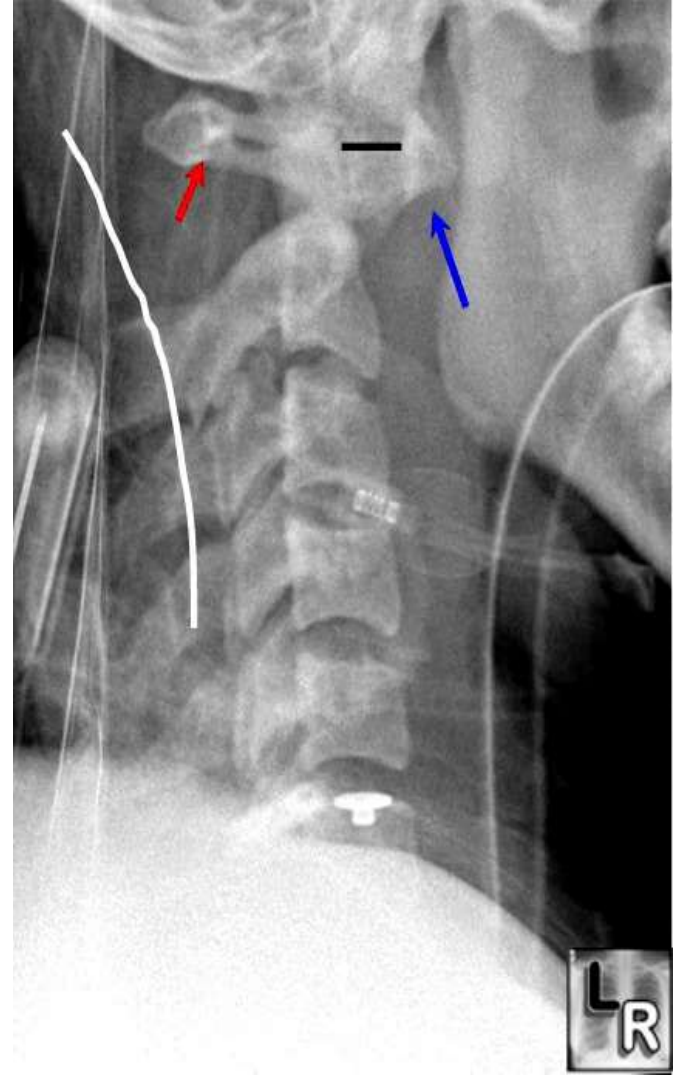
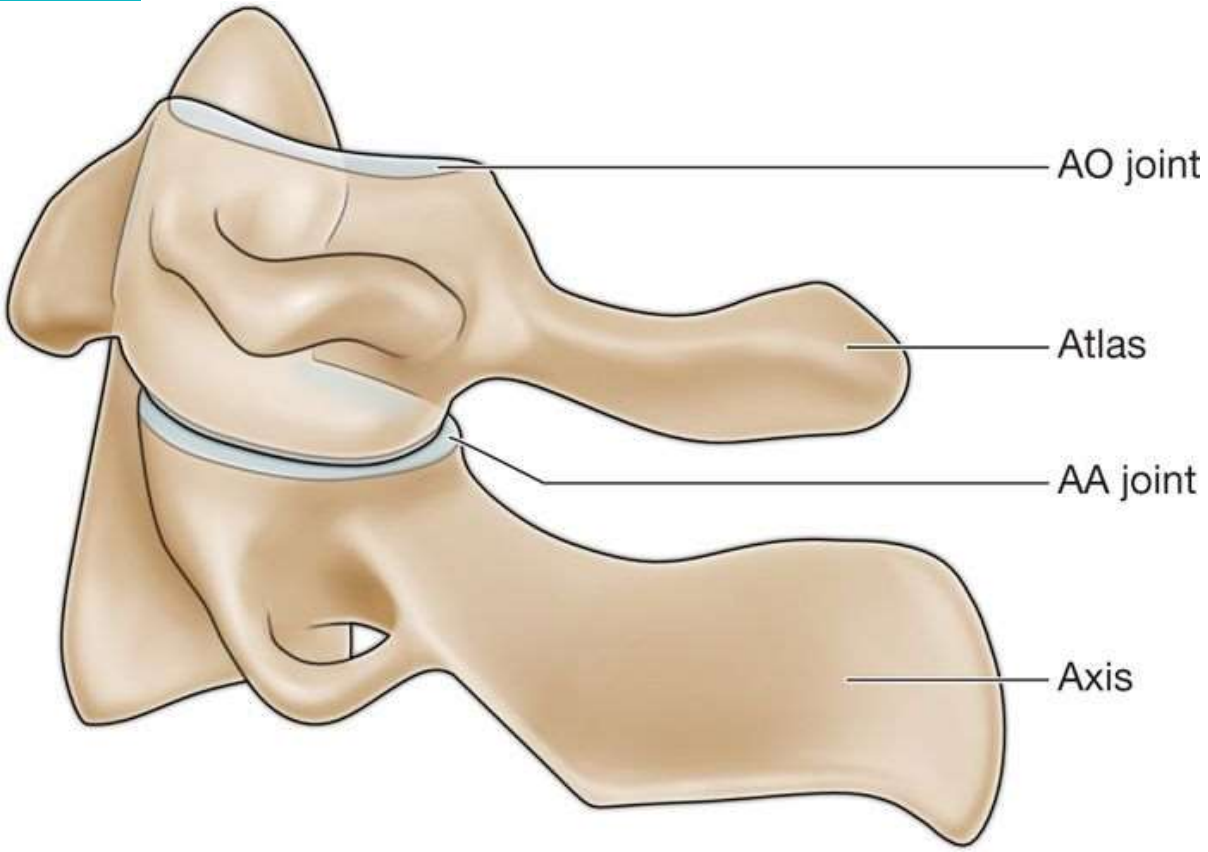
Arteria carotis externa és vena facialis rendszer



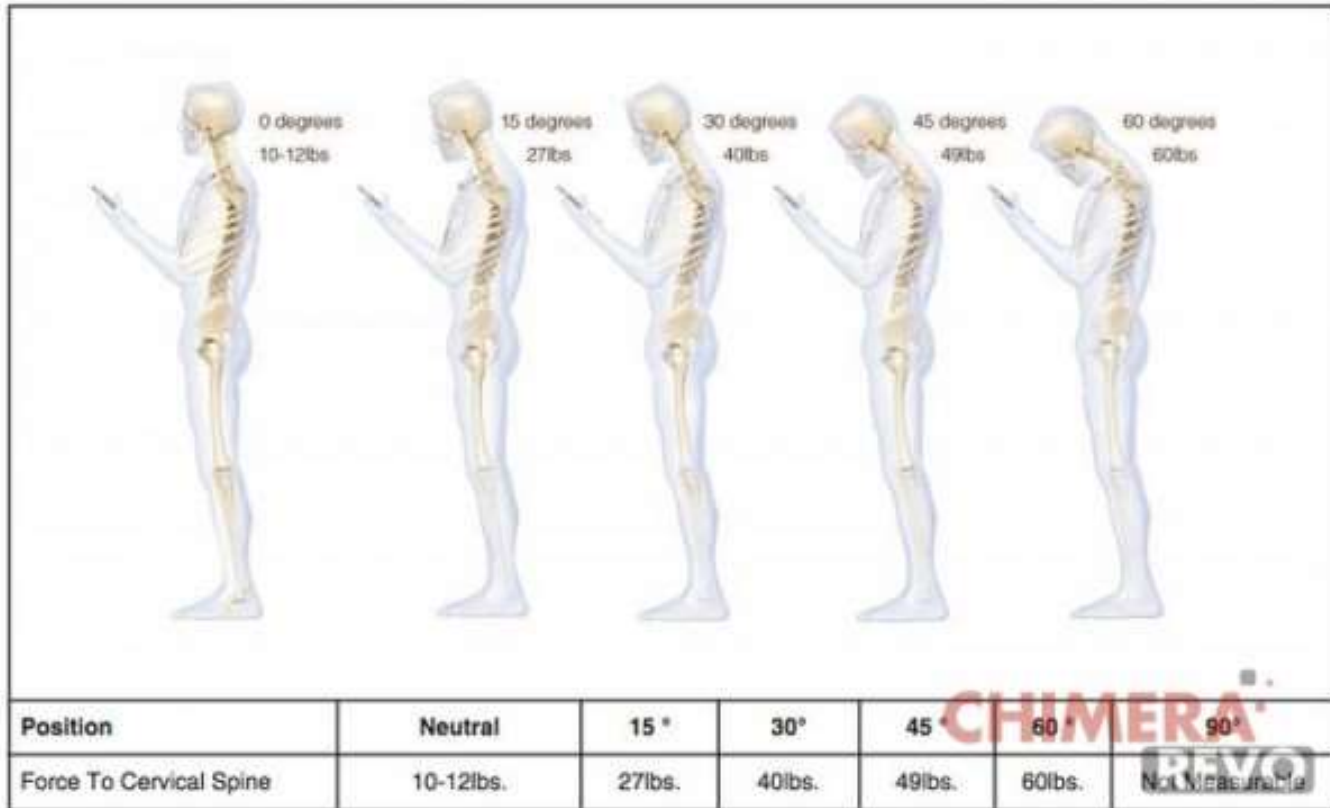
Nyaki gerinc



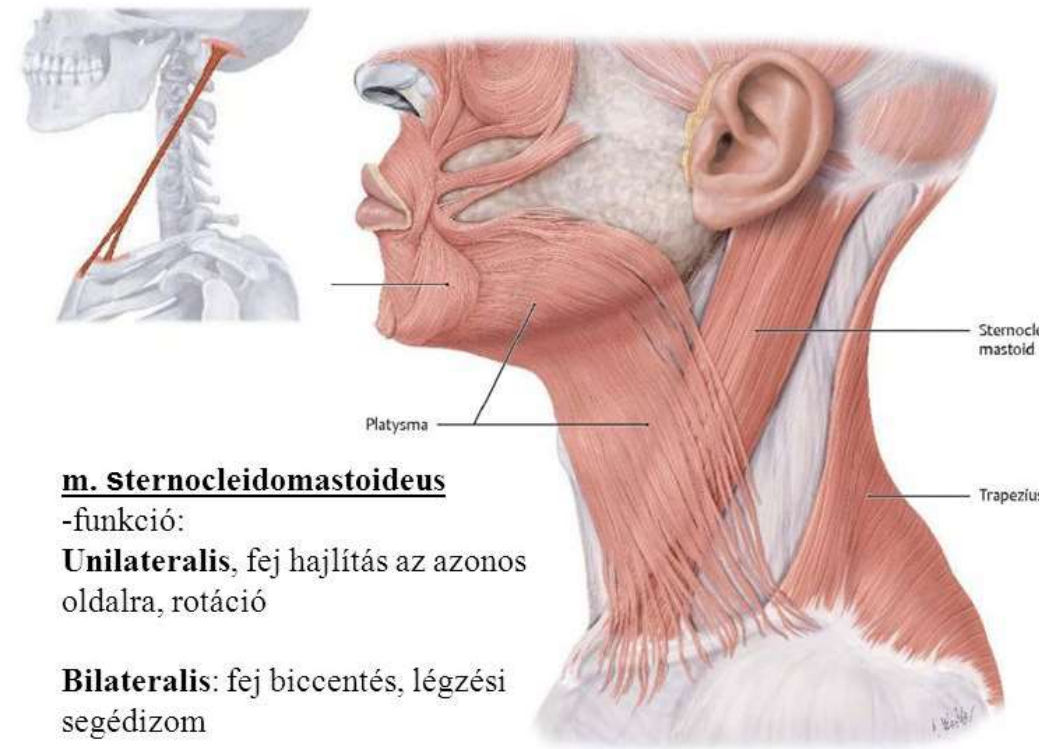
AO, AA ízületek



SMS nyak



Nyakizmok



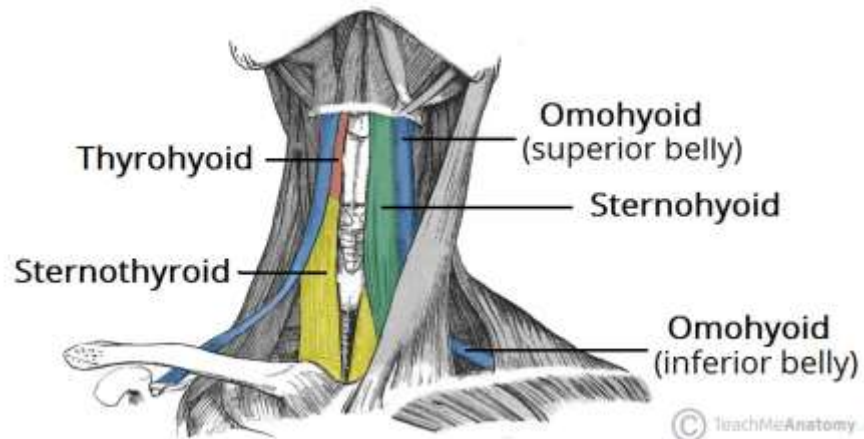
m. Sternocleidomastoideus

-funkció:

Unilateralis, fej hajlítás az azonos oldalra, rotáció

Bilateralis: fej biccentés, légzési segédizom

Beidegzés: XI.



Nyaki izomháromszögek

Anterior triangle

Submental triangle

Submandibular triangle

Carotid triangle

Muscular triangle

m. mylohyoideus

mandibula

m. digastricus

m. omohyoideus
(venter superior)

m. sternocleidomastoideus

processus mastoideus

os hyoideum

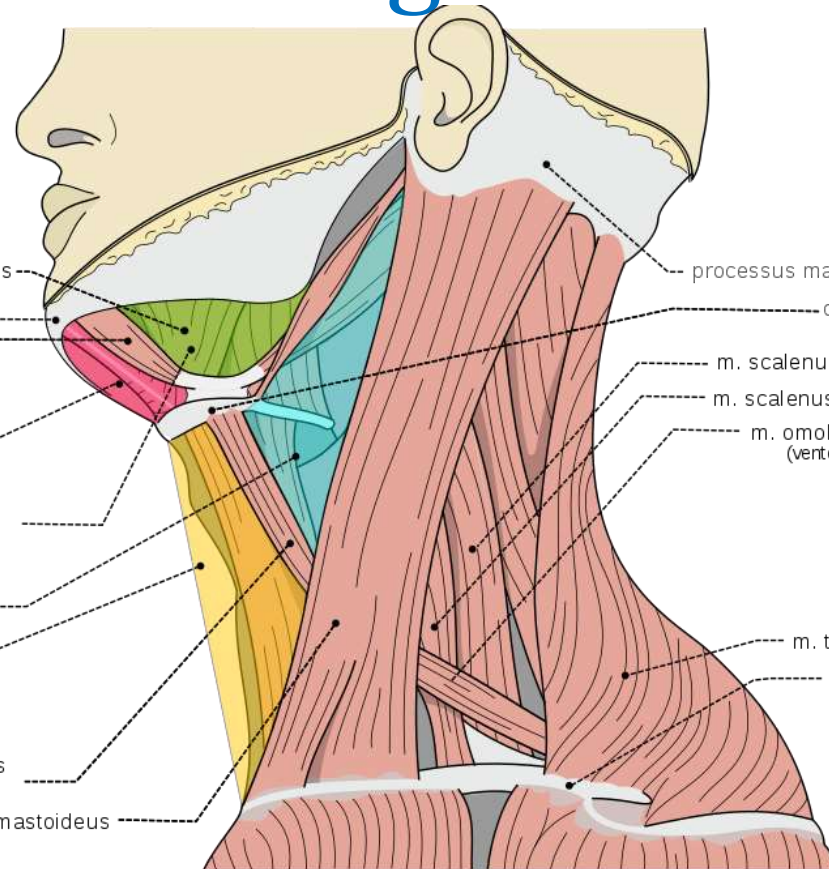
m. scalenus medius

m. scalenus anterior

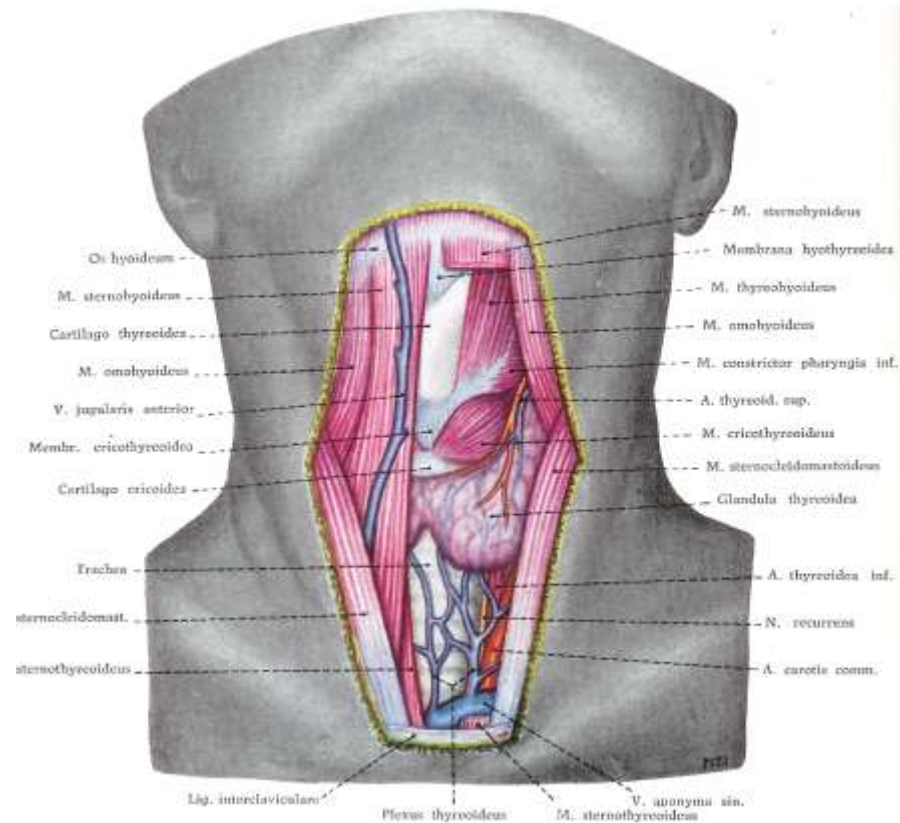
m. omohyoideus
(venter inferior)

m. trapezius

clavicula



Conicotomy



Folyt köv...

