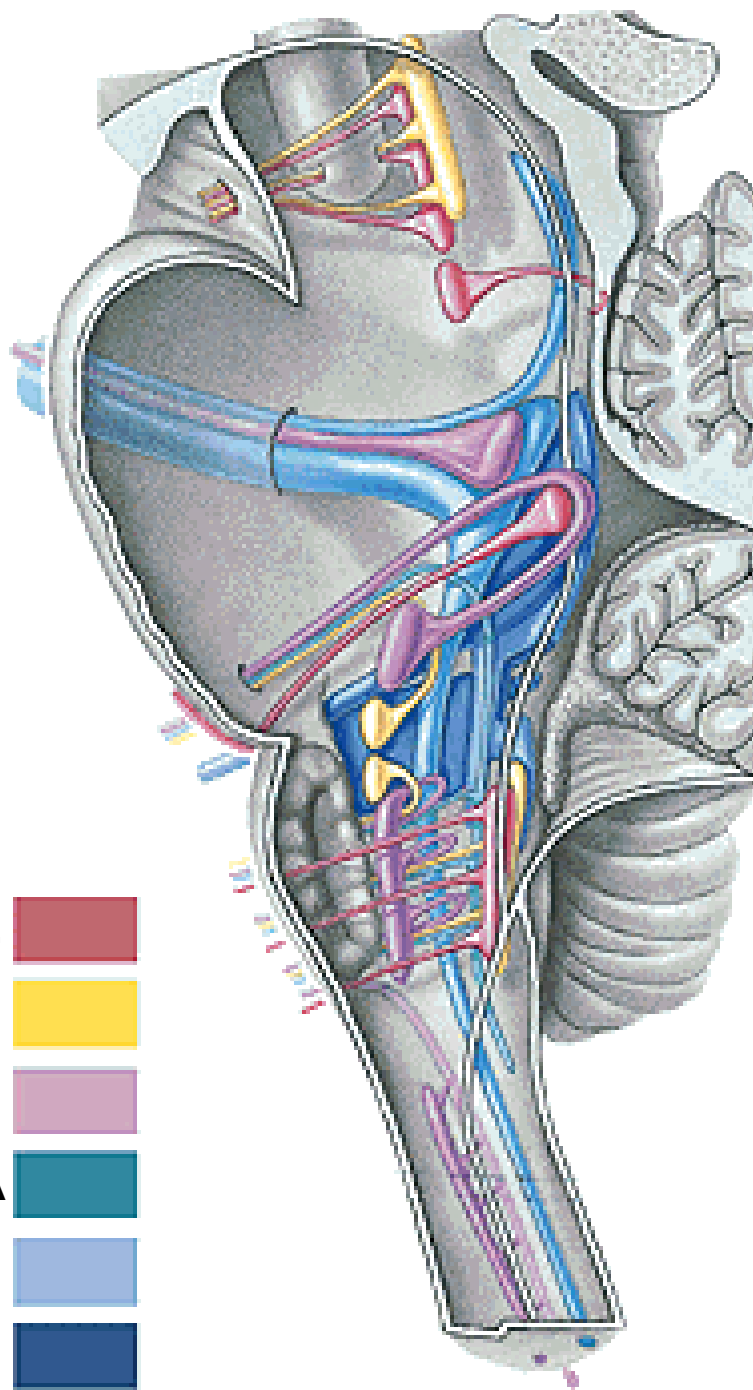








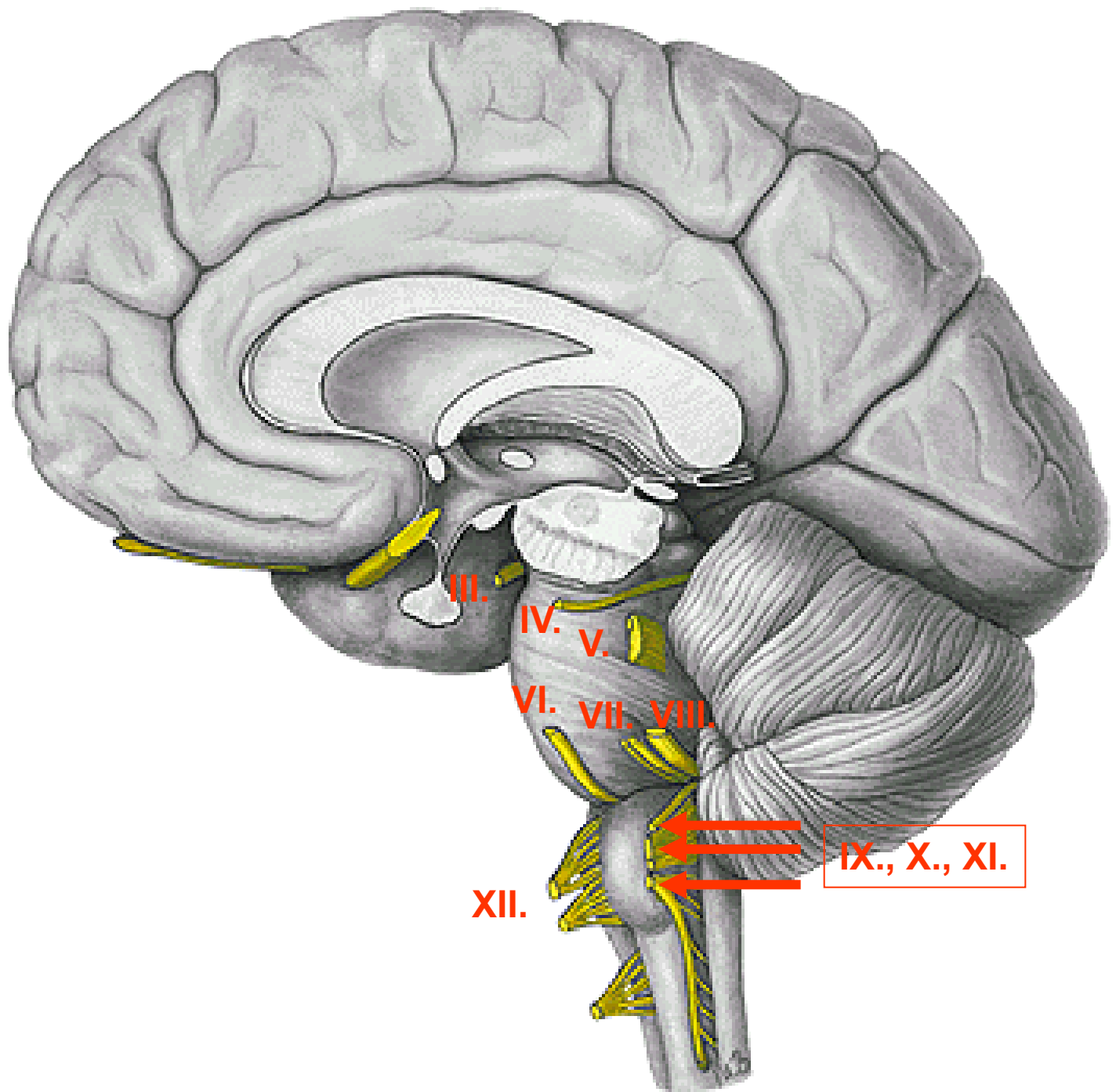
CRANIAL NERVES I

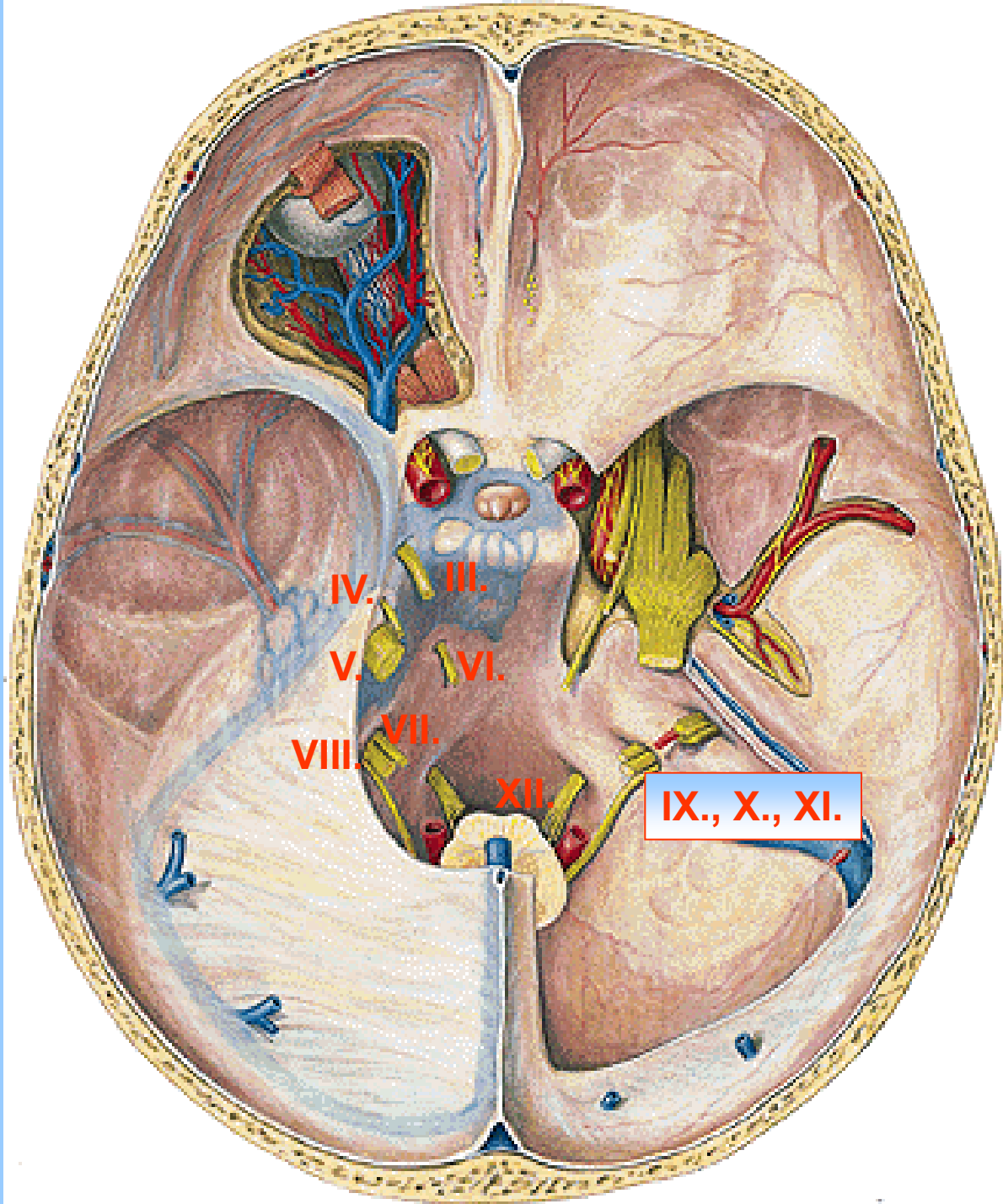
CN I – NN. OLFACTORII
CN II – N. OPTICUS



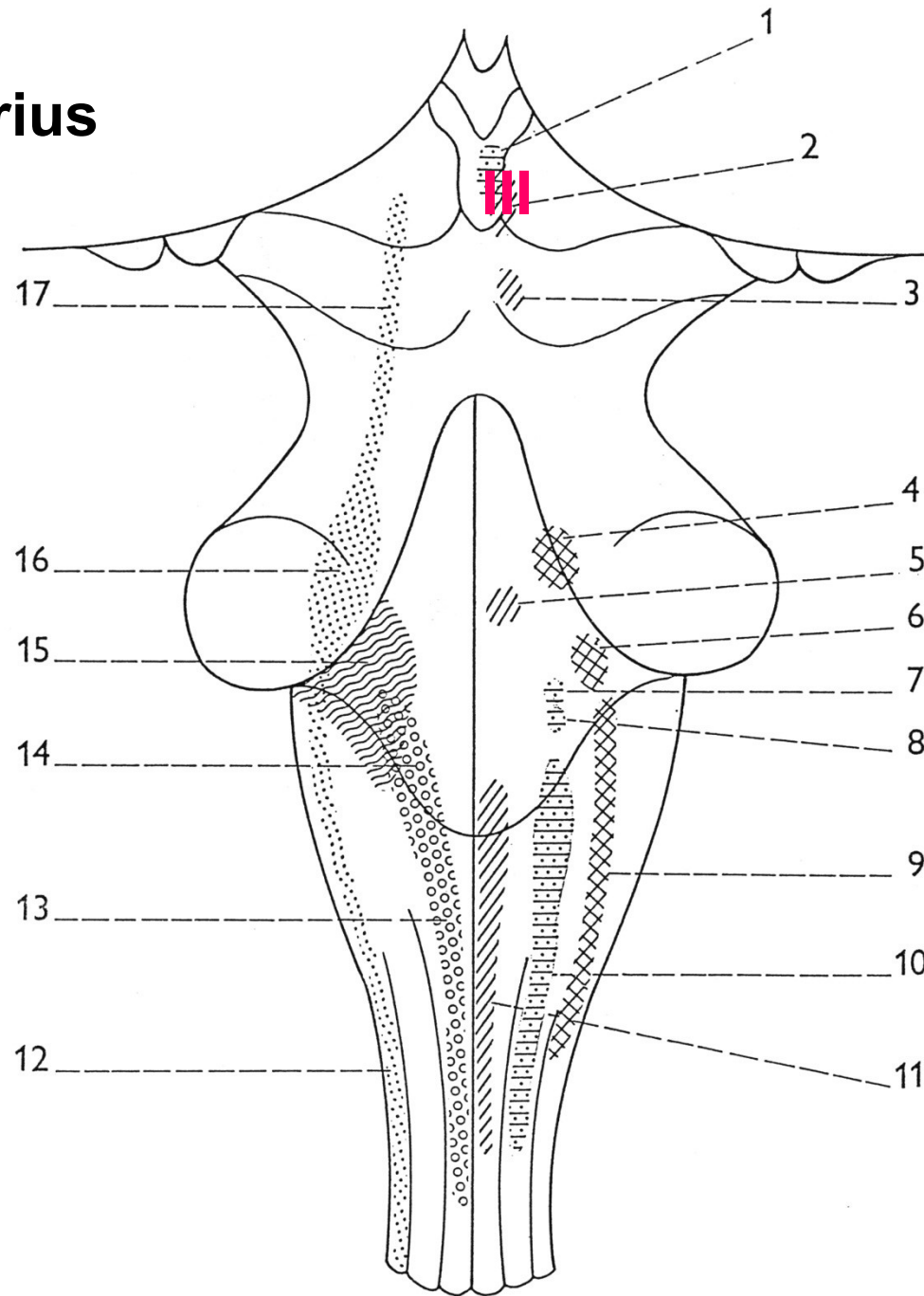


- | | | |
|------------------------|-------|---|
| SOMATOMOTOR | - GSE |  |
| VISCEROMOTOR | - GVE |  |
| BRANCHIOMOTOR | - SSE |  |
| SOMATOSENSORY | - GSA |  |
| VISCEROSENSORY | - GVA |  |
| SPECIAL SENSORY | - SA |  |

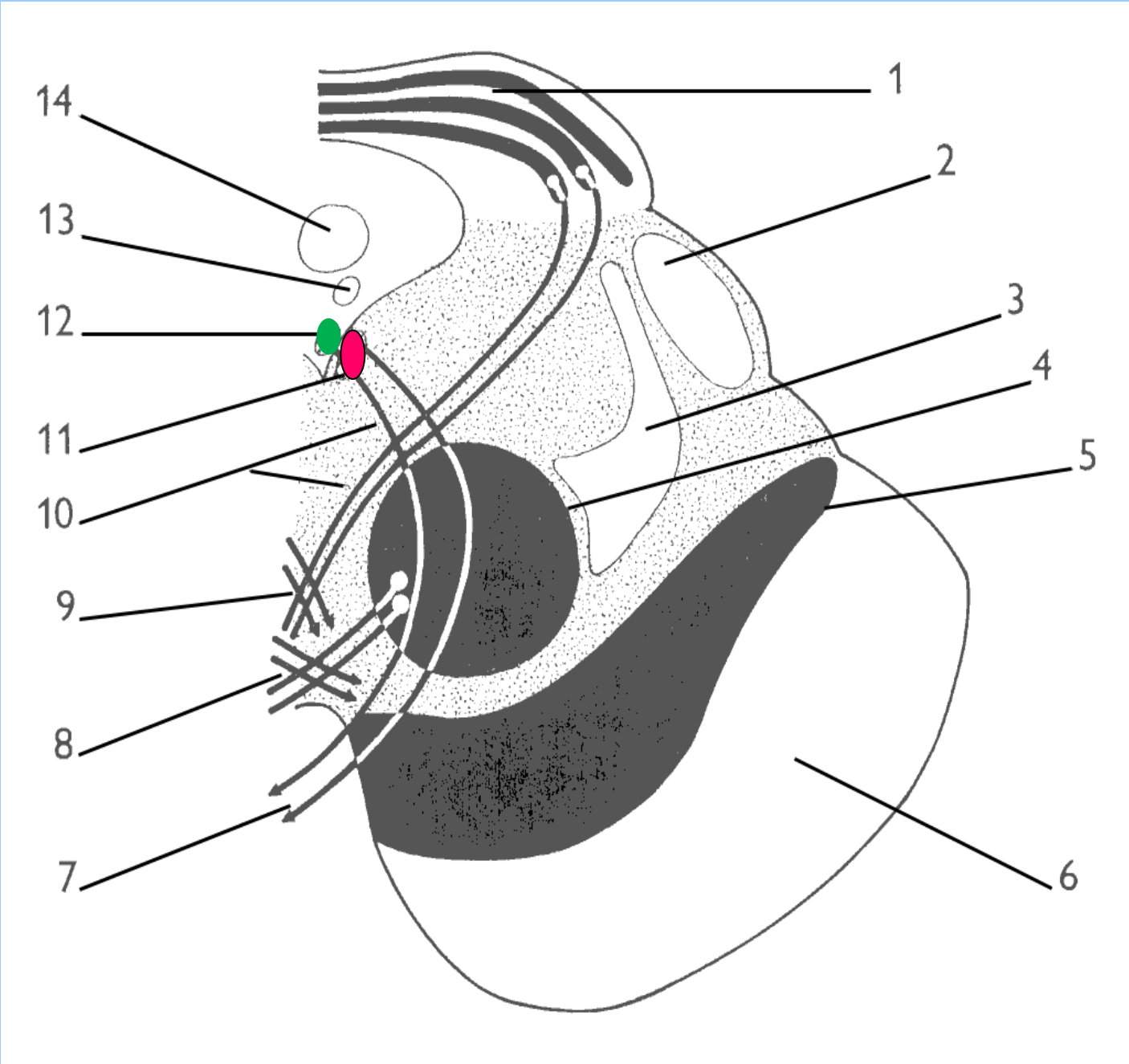




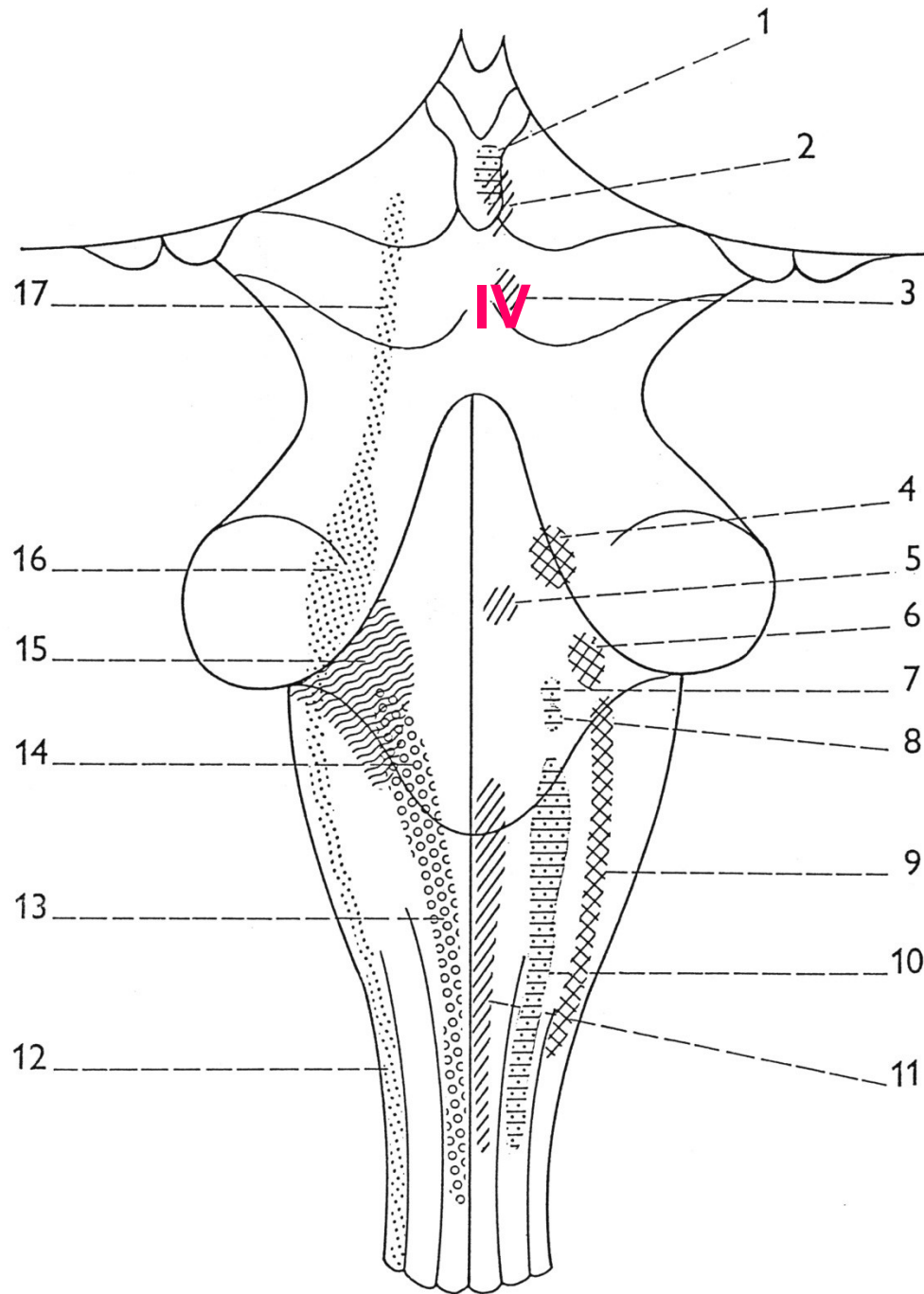
CN III – n. oculomotorius



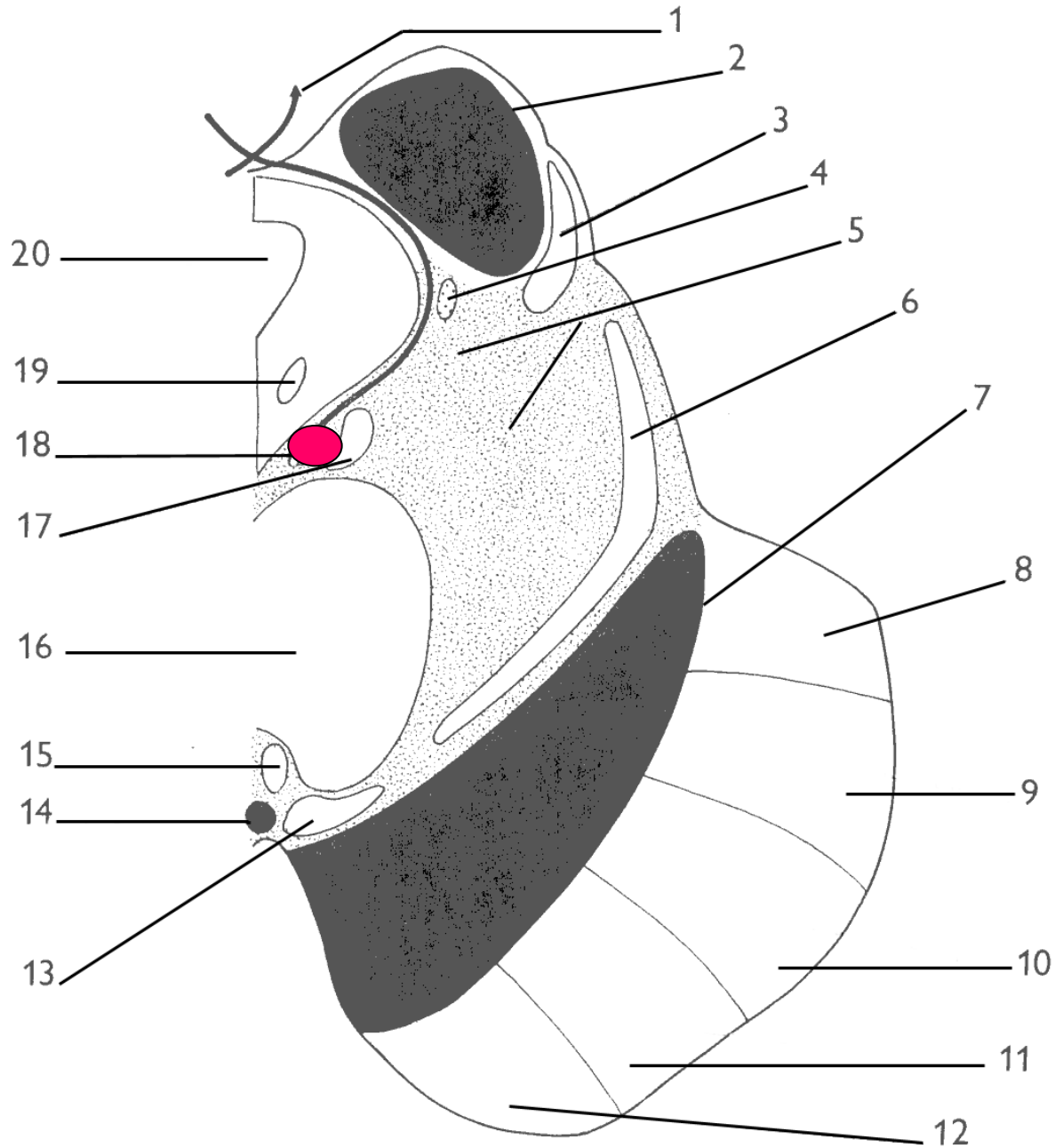
Ncl. originis CN III + ncl. parasympathicus CN III (E-W ncl.)



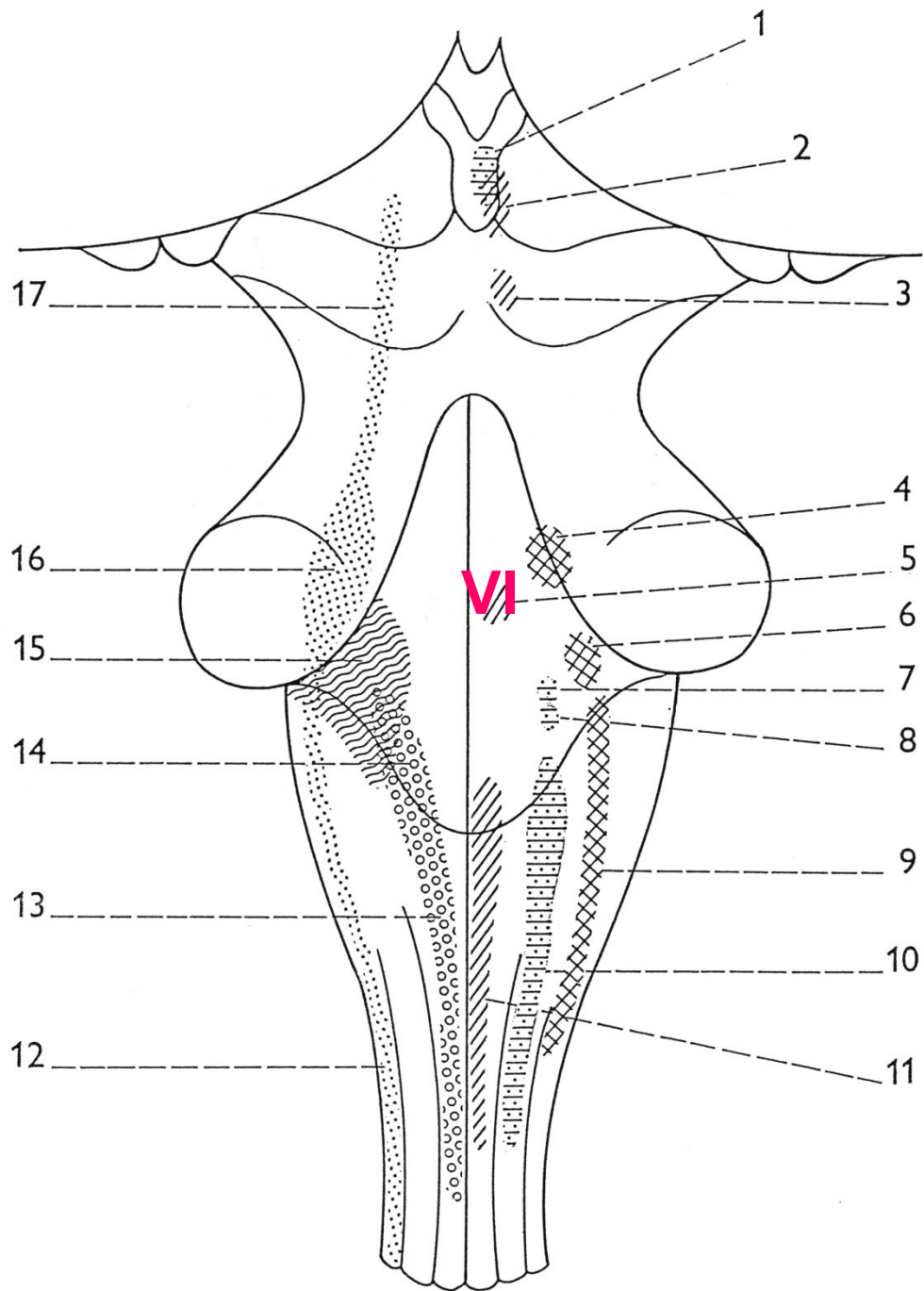
CN IV – n. trochlearis



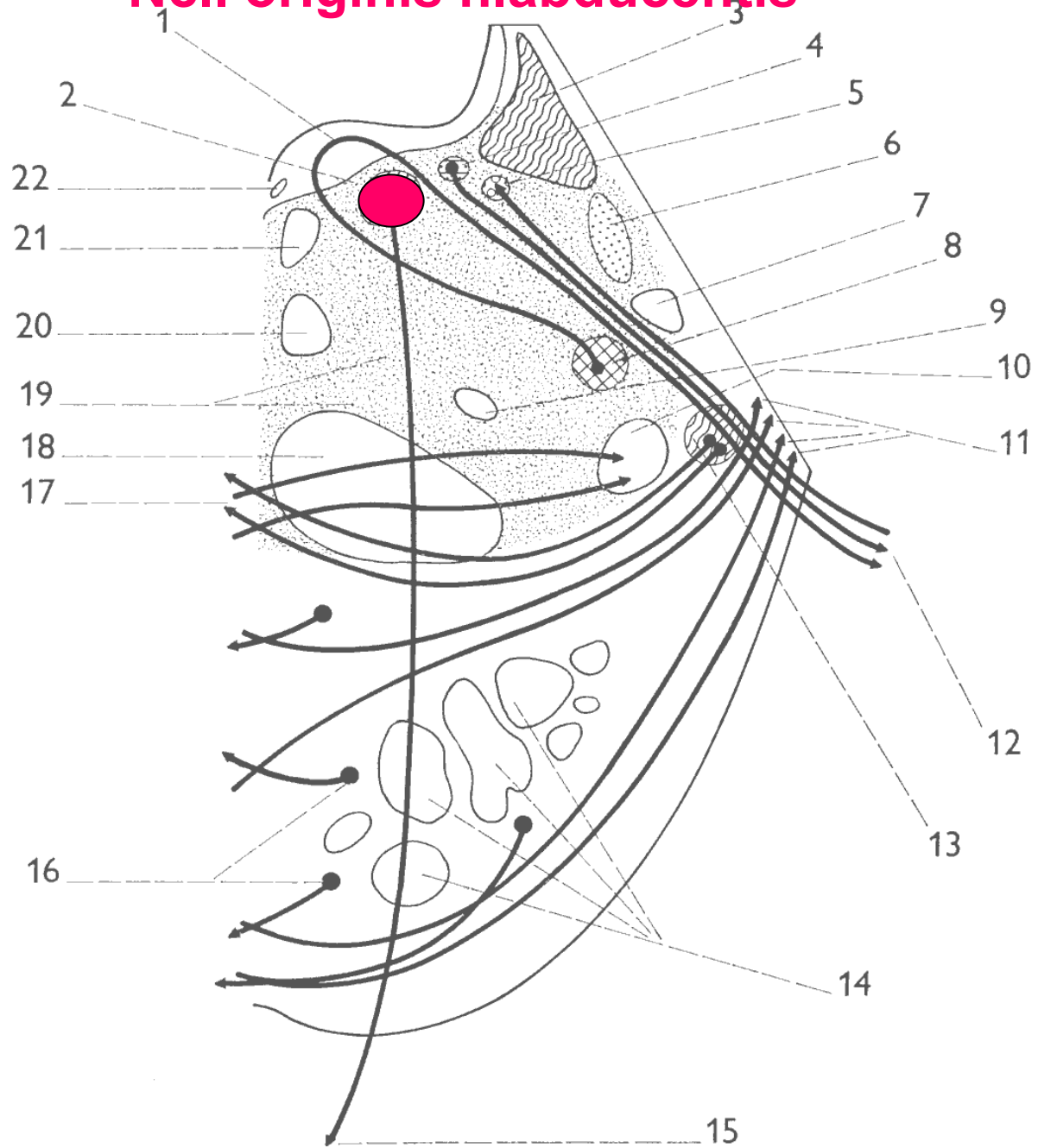
Ncl. originis n. trochlearis

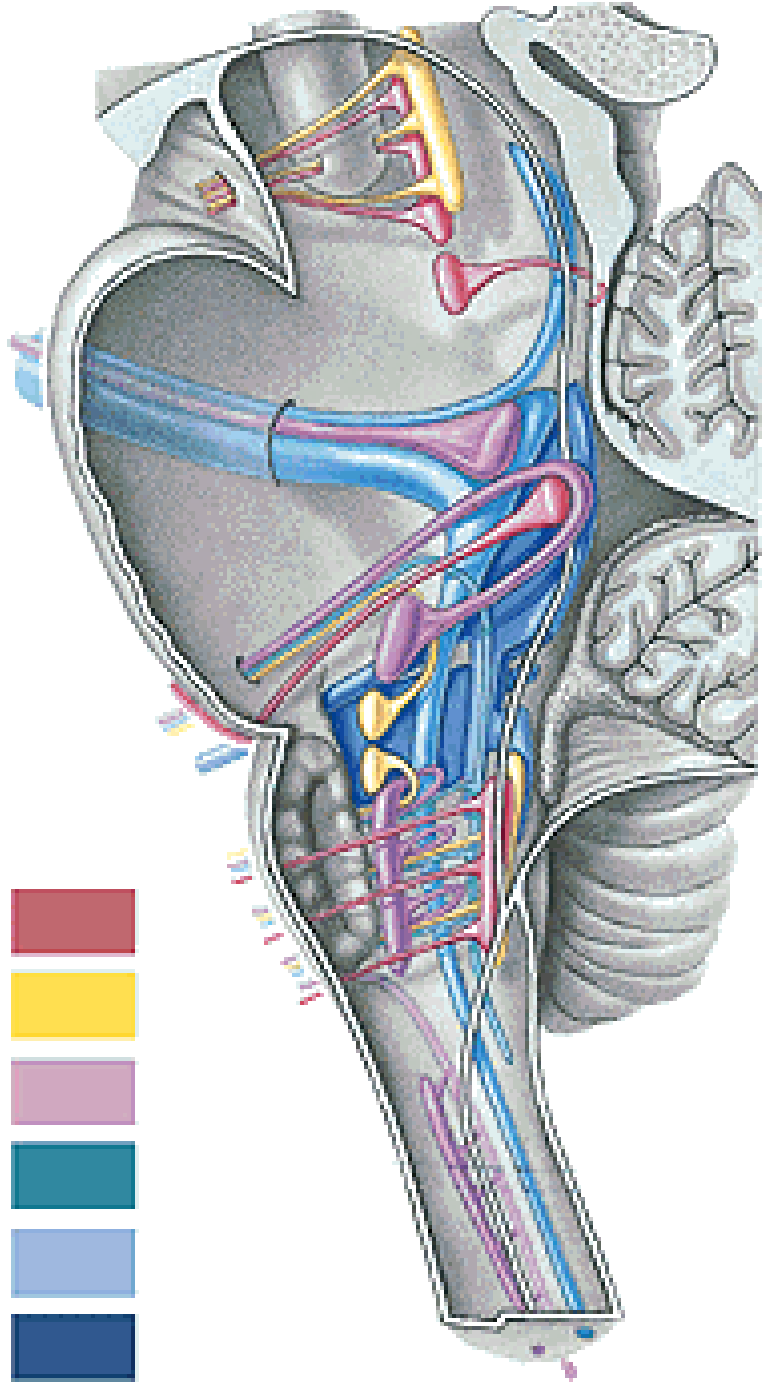


CN VI – n. abducens

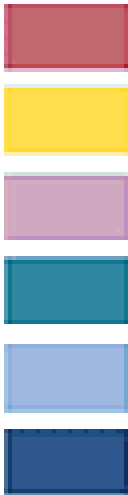


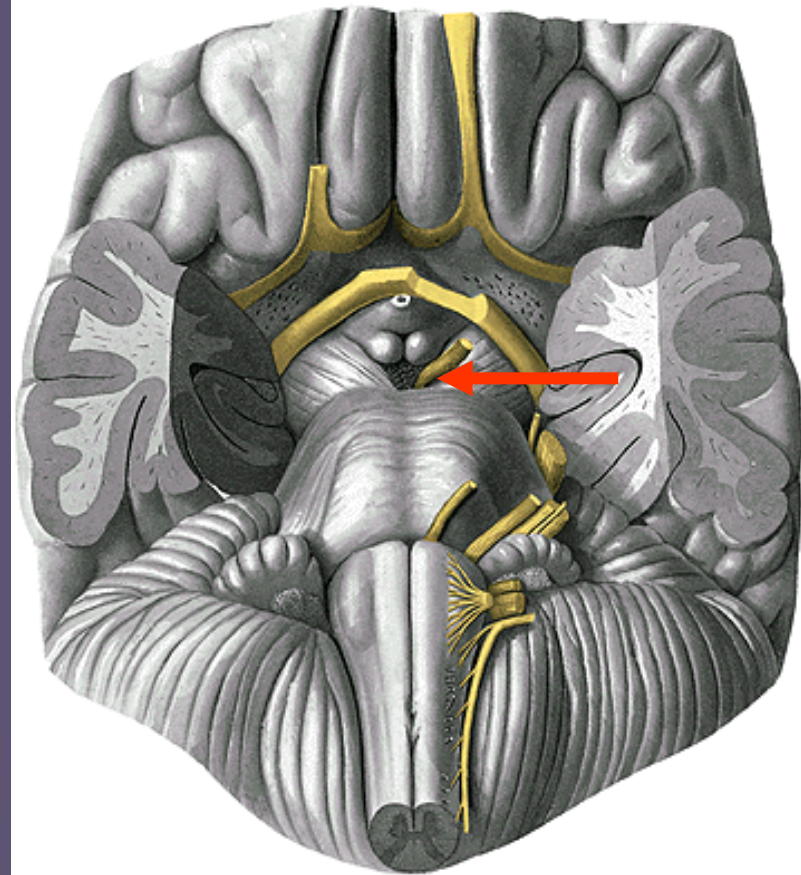
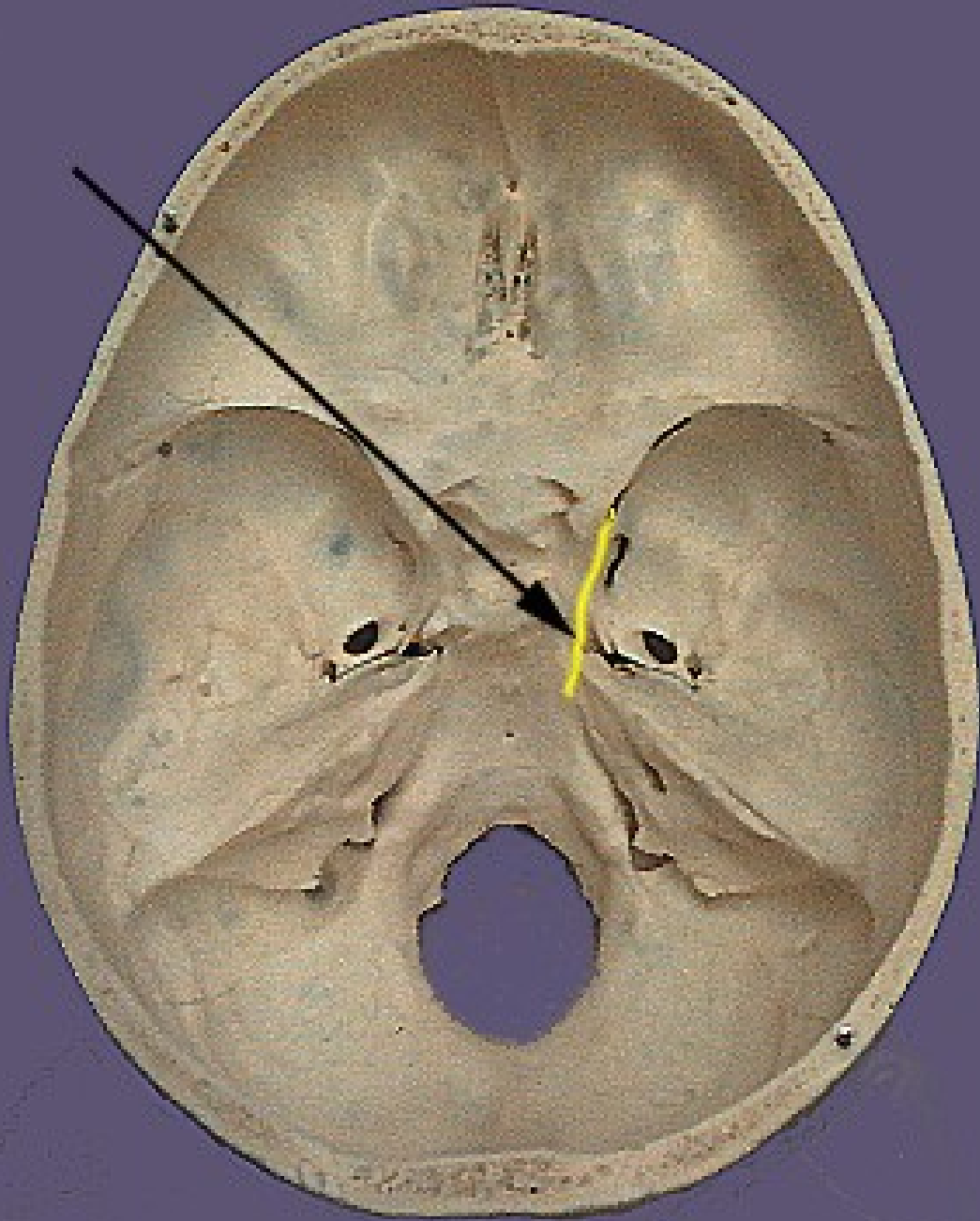
Ncl. originis n.abducentis



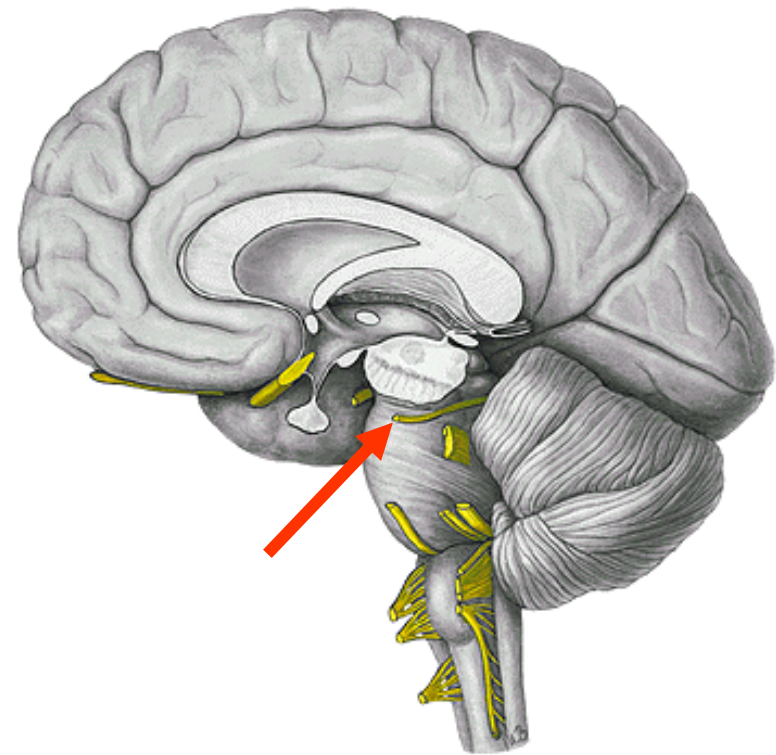
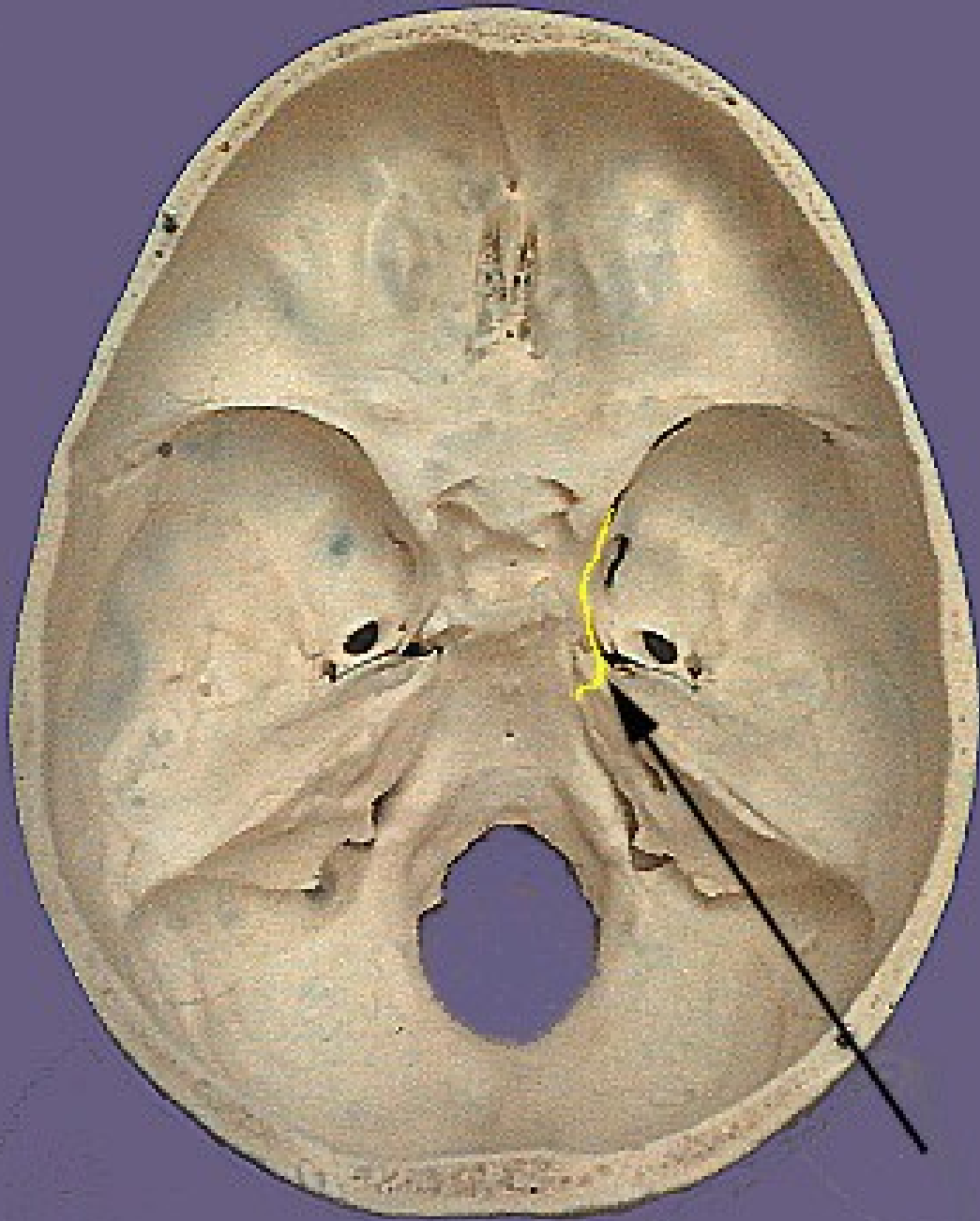


- SOMATOMOTOR
- VISCEROMOTOR
- BRANCHIOMOTOR
- SOMATOSENSORY
- VISCEROSENSORY
- SPECIAL SENSORY



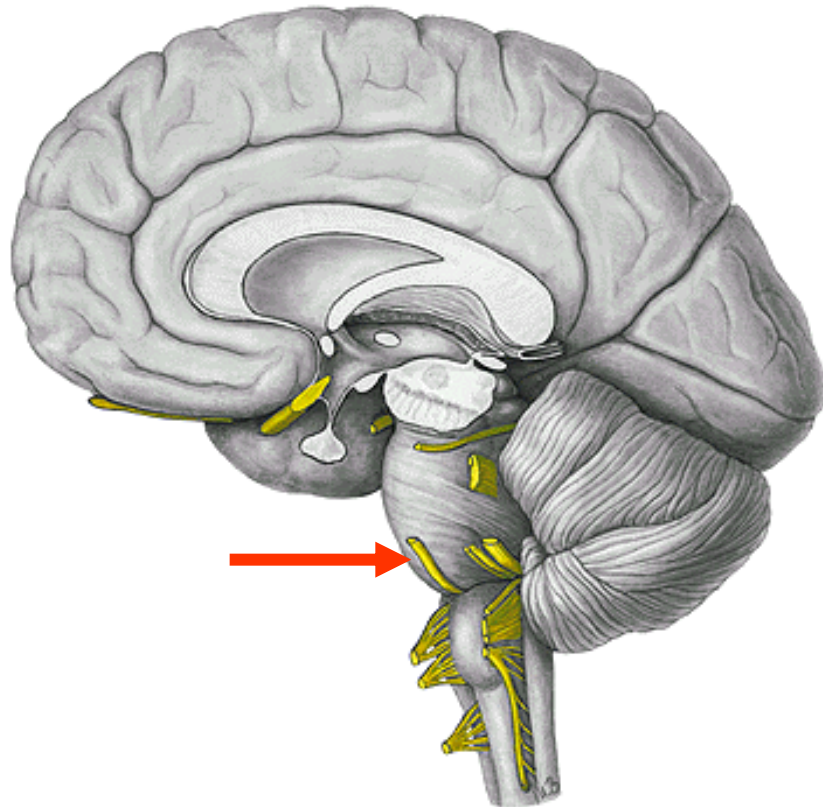
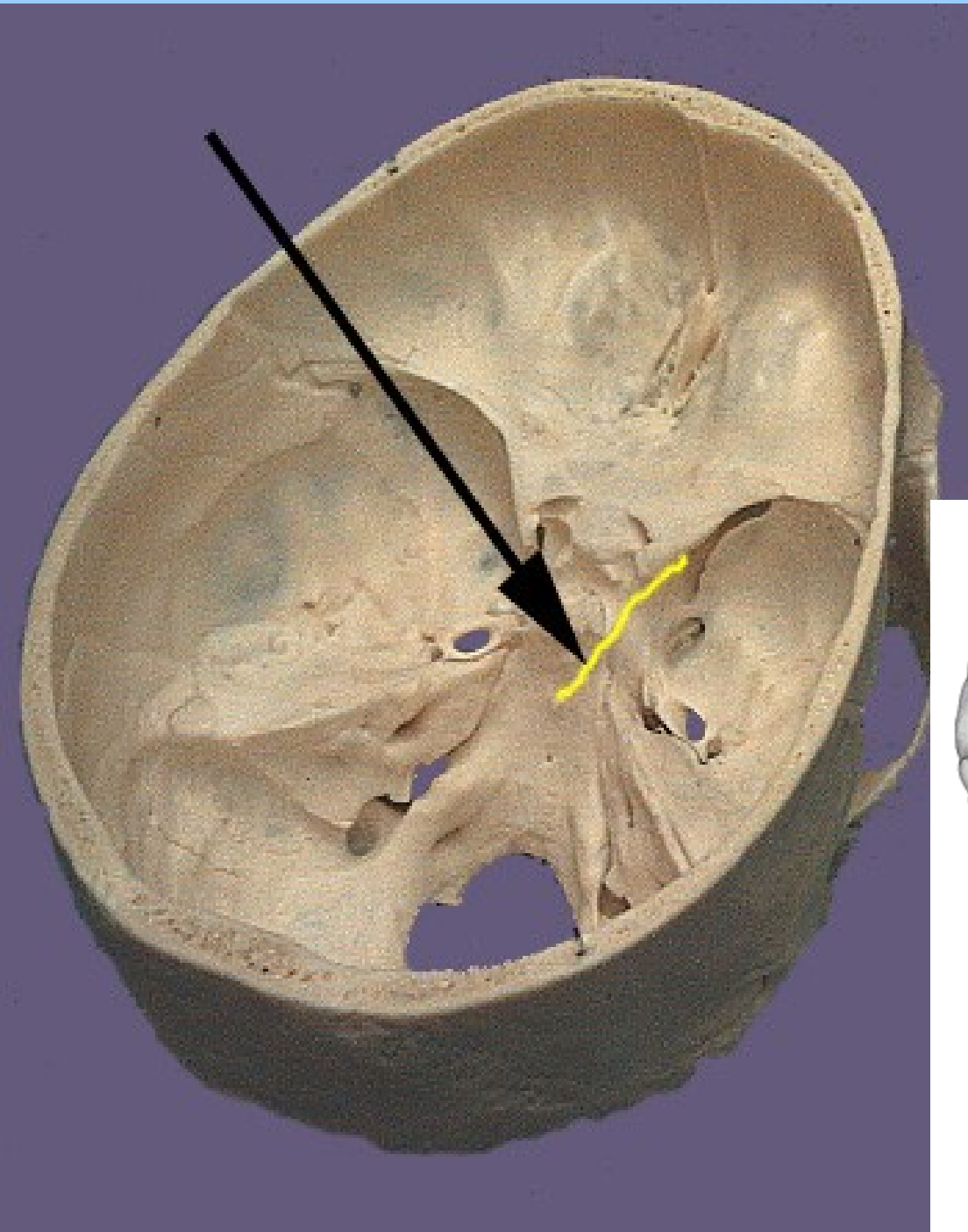


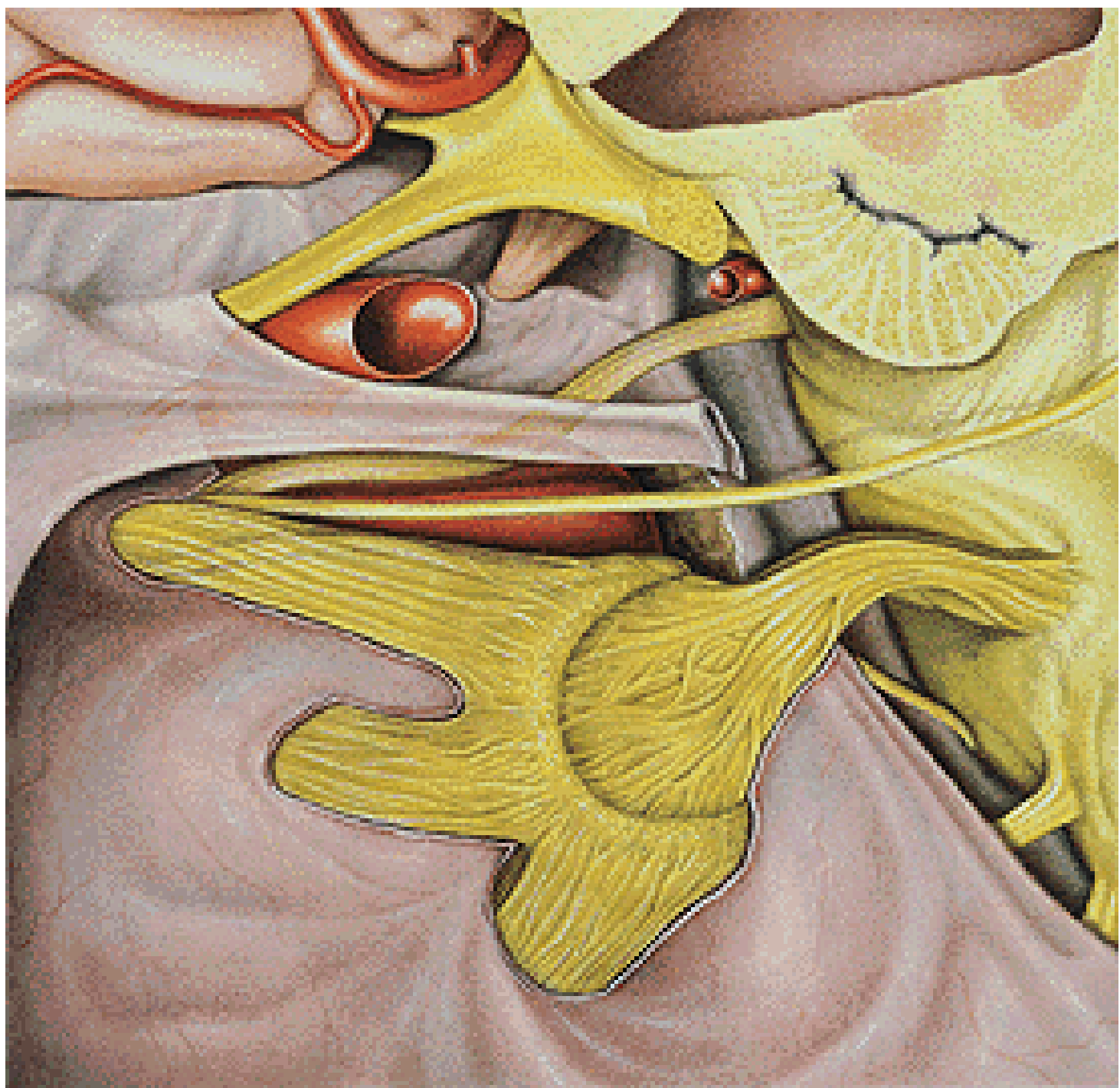
CN III



CN IV

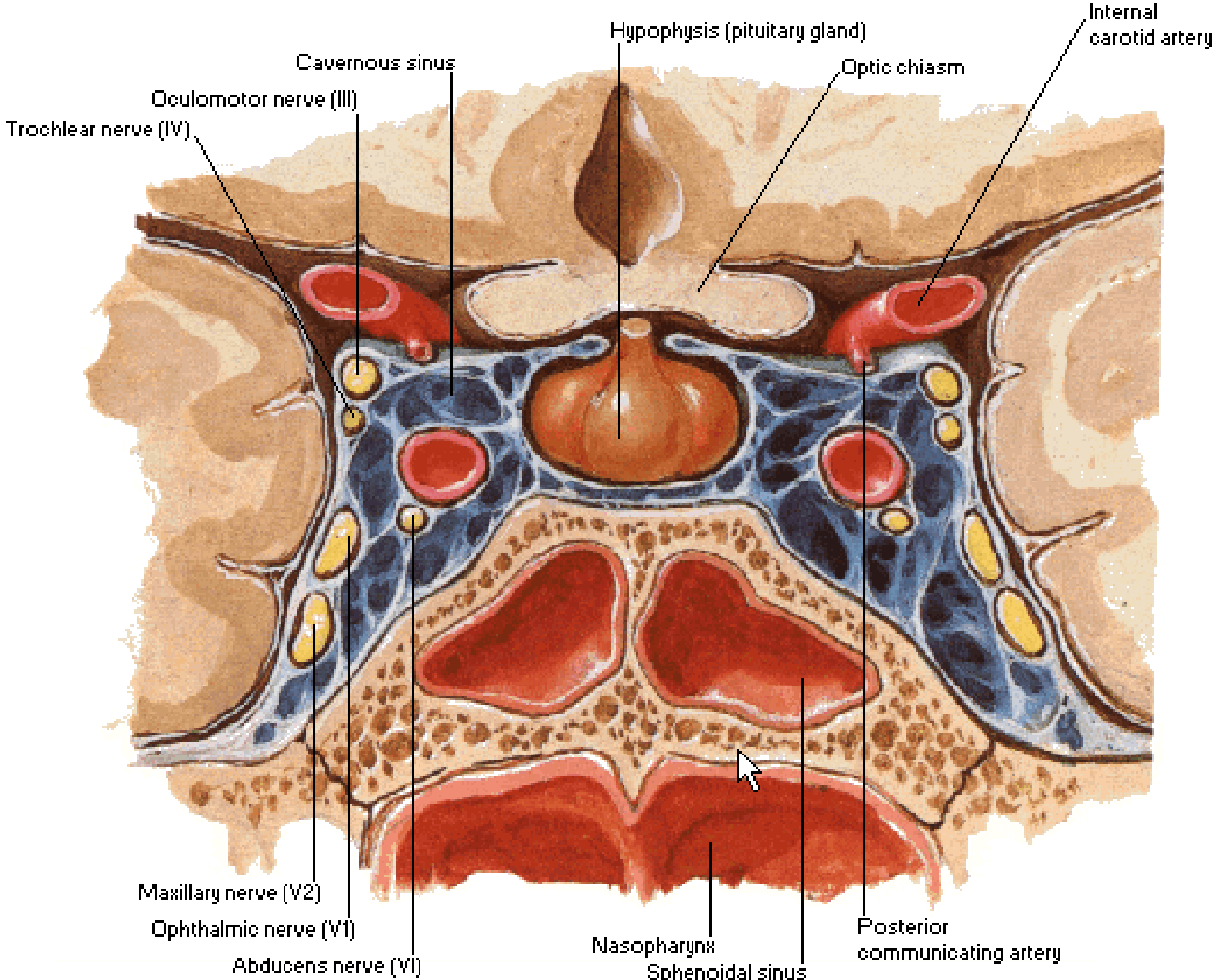
CN VI

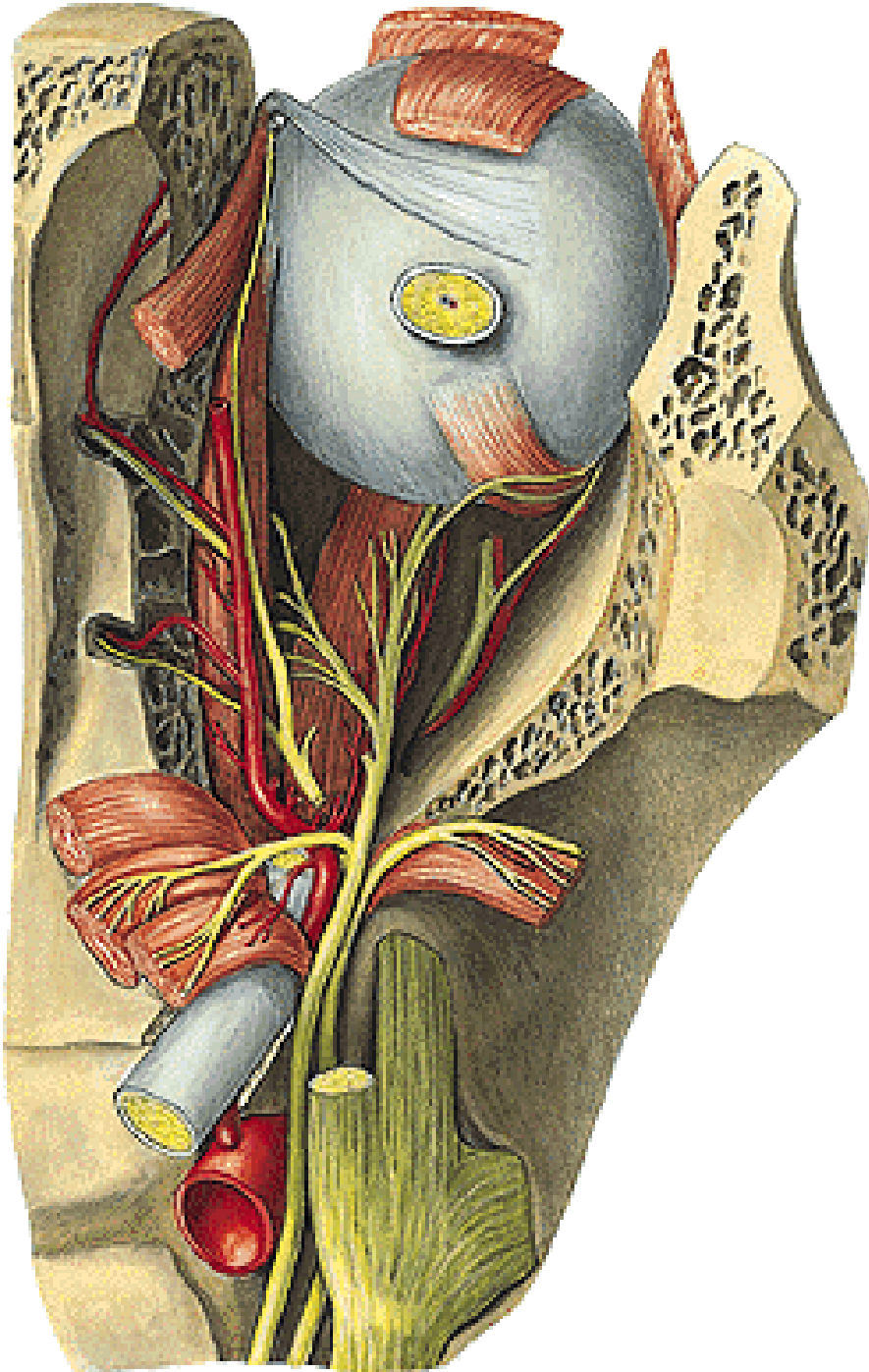




Cavernous Sinus

Coronal Section

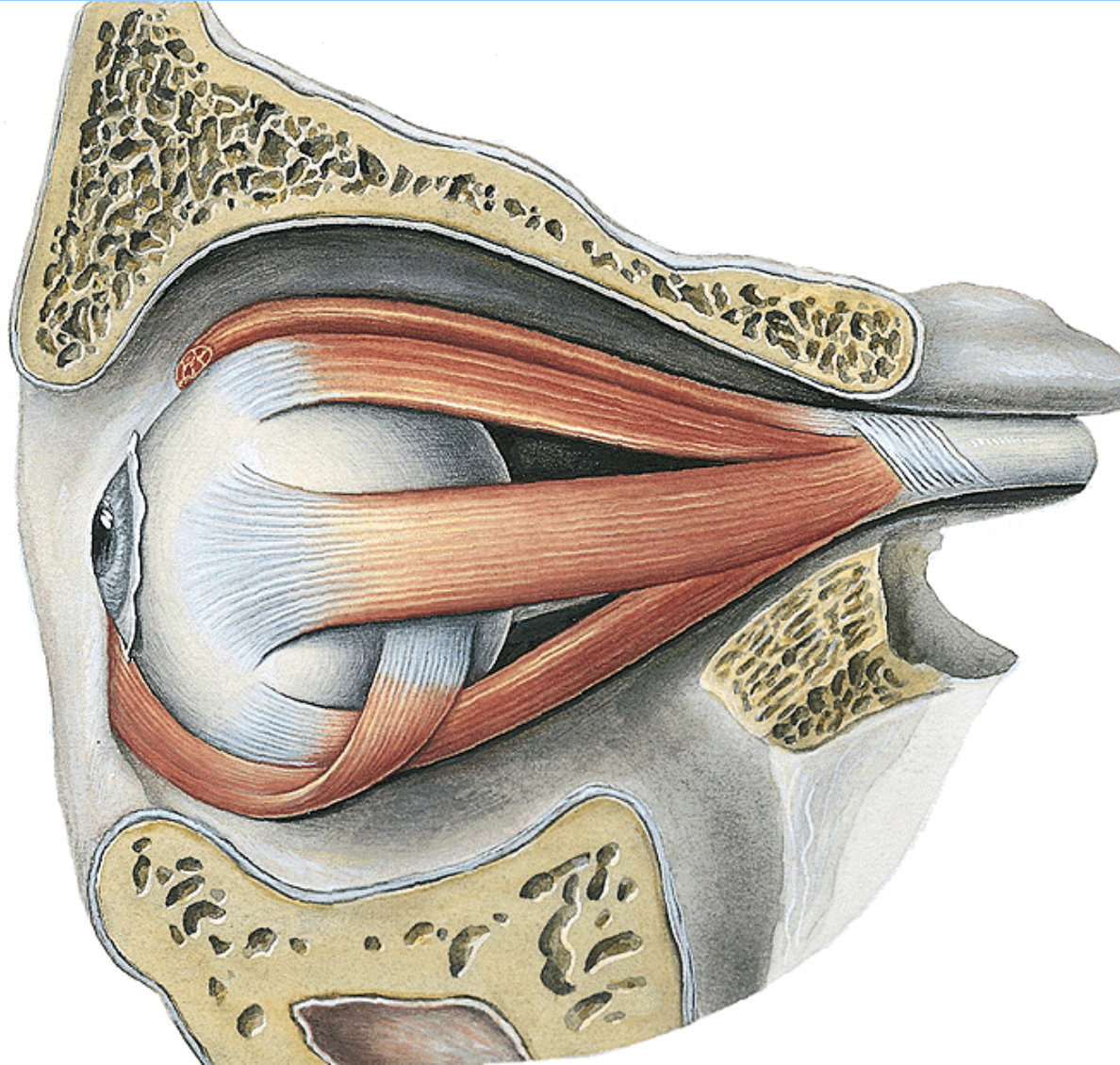




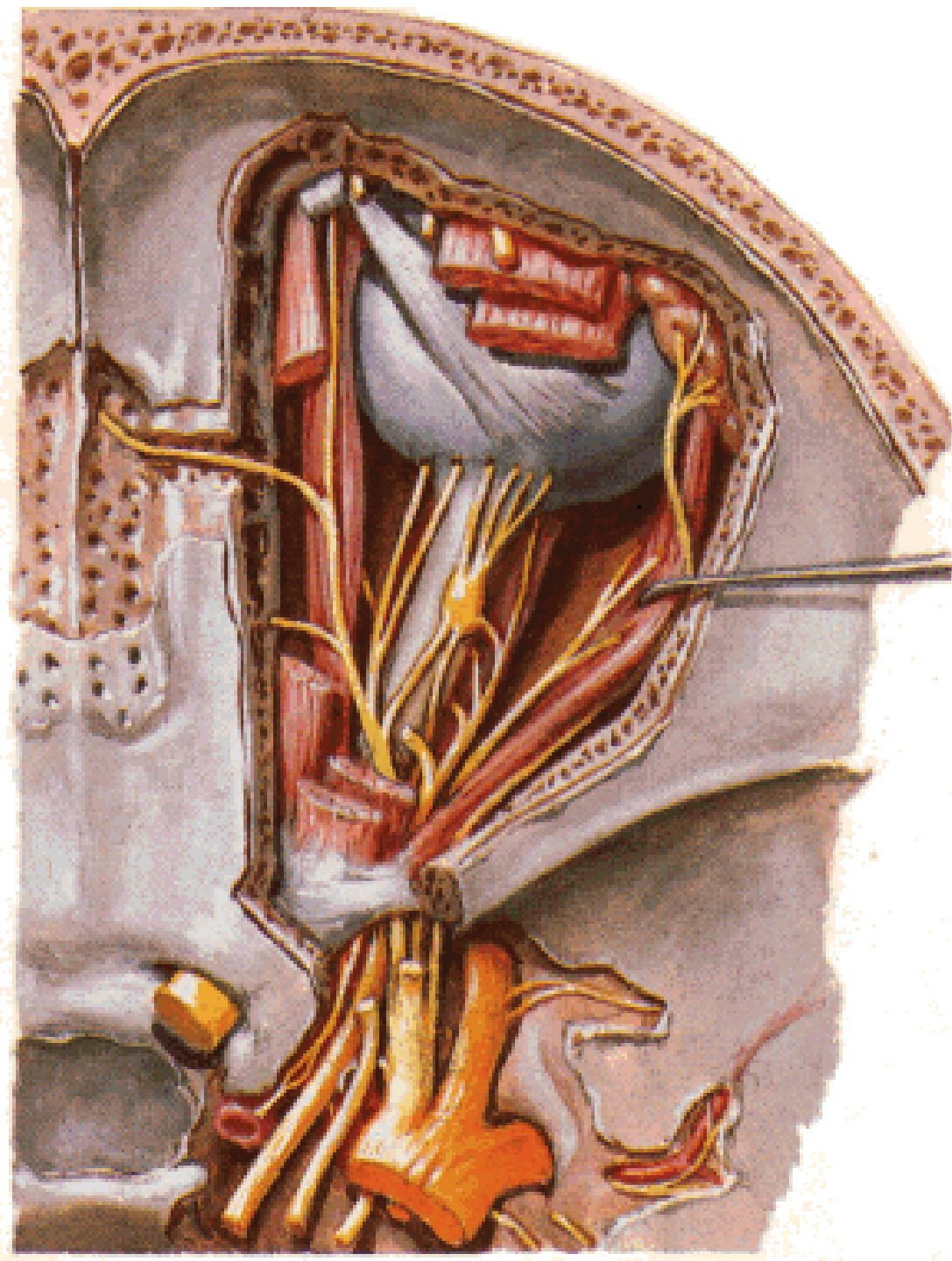
N. oculomotorius

- **r. superior:**
m. levator palpebrae sup.
m. rectus sup.

- **r. inferior:**
m. rectus inf.
m. obliquus inf.
m. rectus med.
radix parasympathica



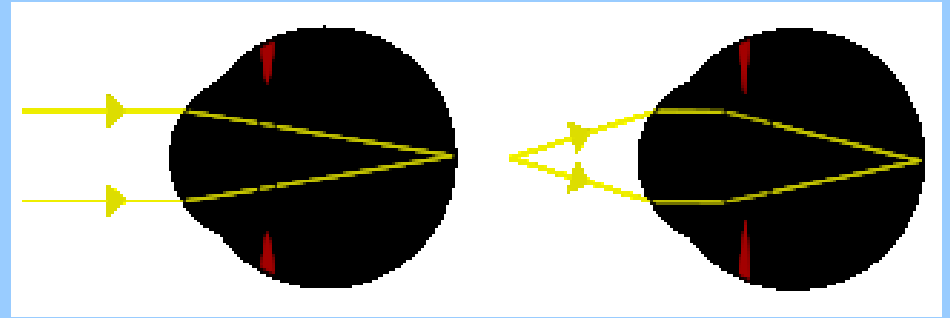
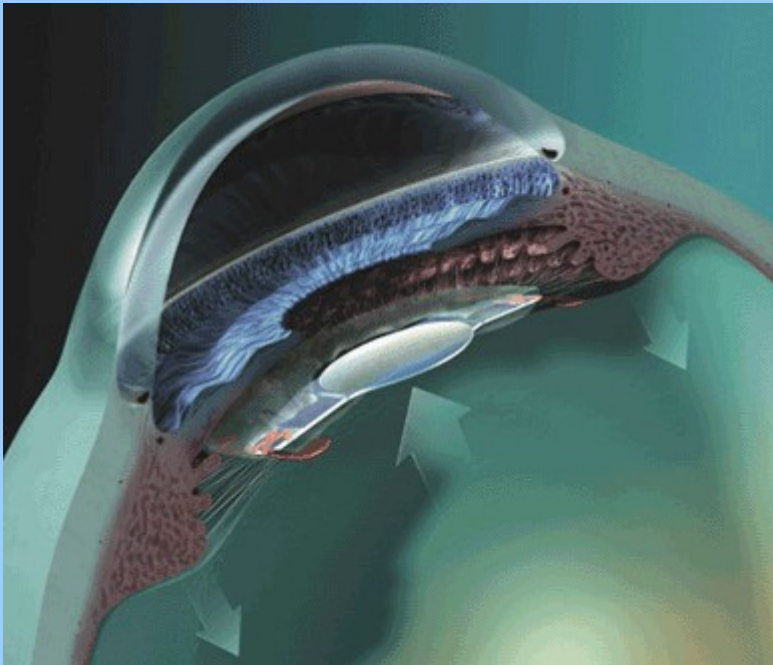
Anulus tendineus communis



Ggl. ciliare
- nn. ciliares breves

M. ciliaris

Accommodation of the lens

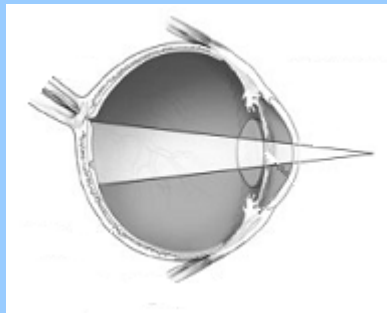


increased convexity of the
lens – refraction suitable
for near vision

Innervation: **E-W ncl. CN III**

M. sphincter pupillae

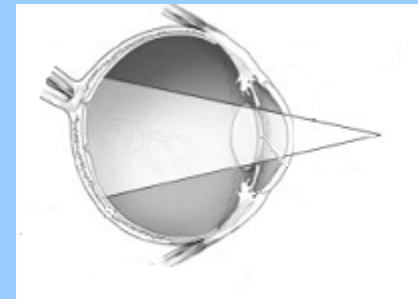
Miosis



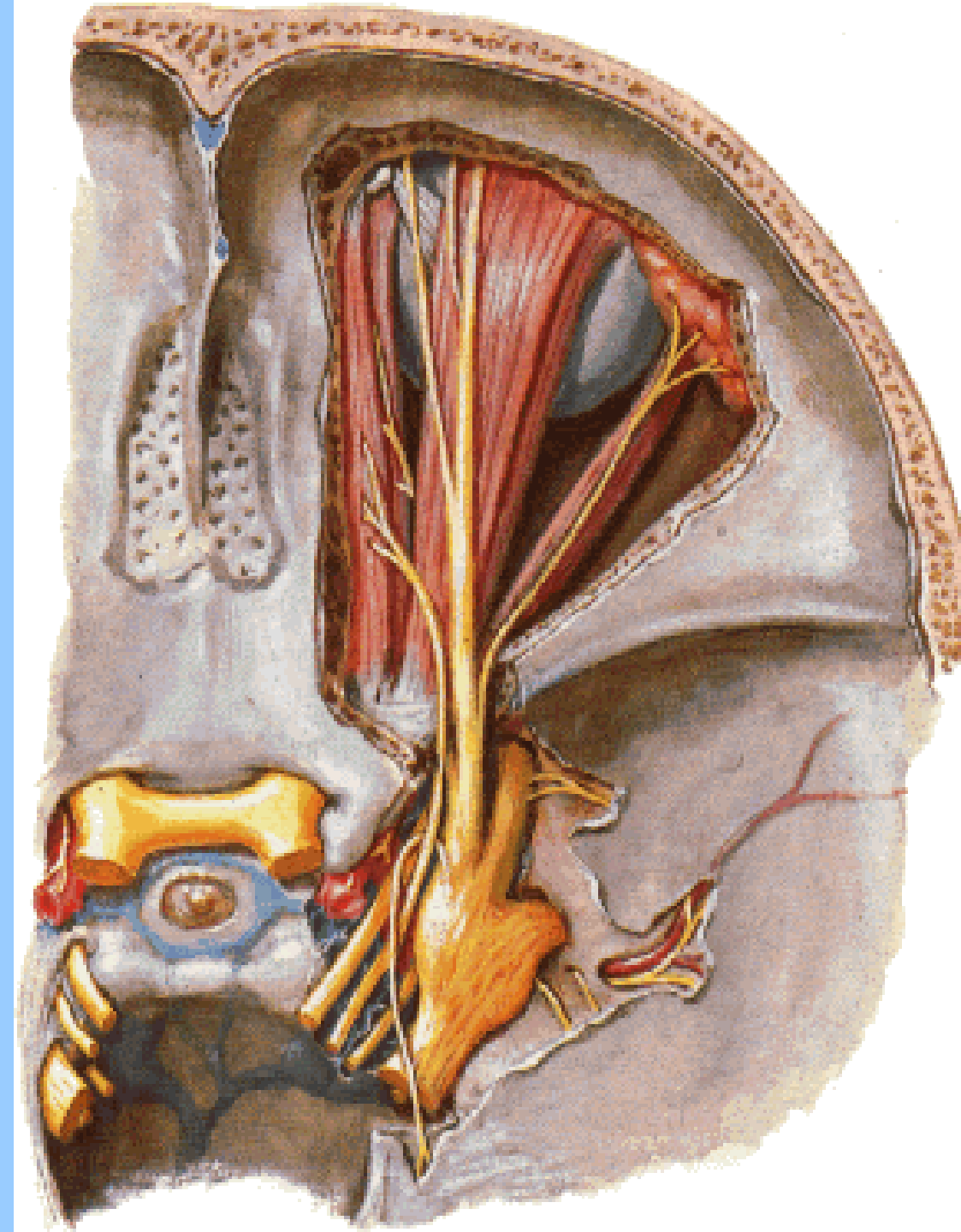
E-W ncl. CN III

M. dilatator pupillae

Mydriasis

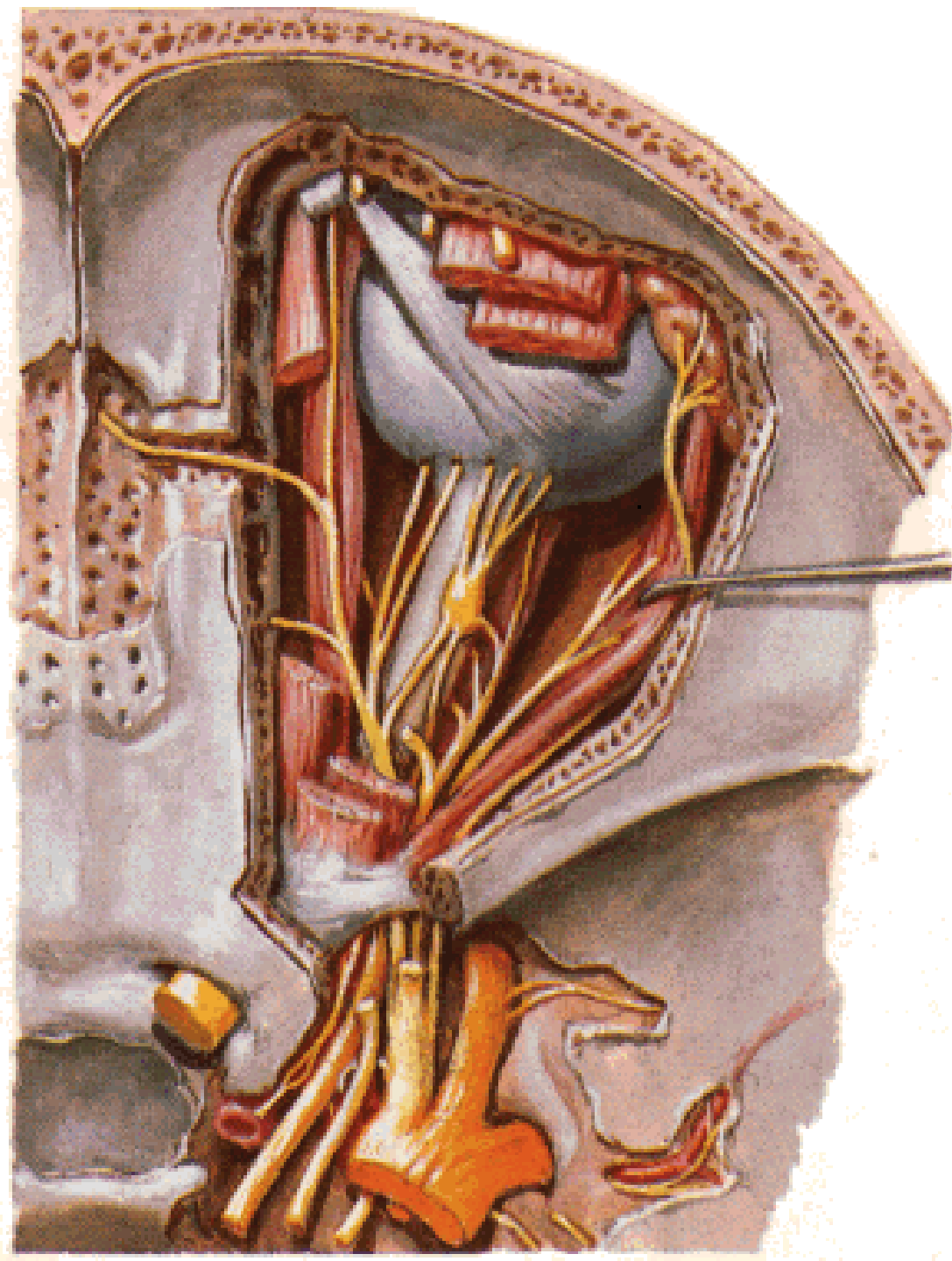


Symp.ncl.



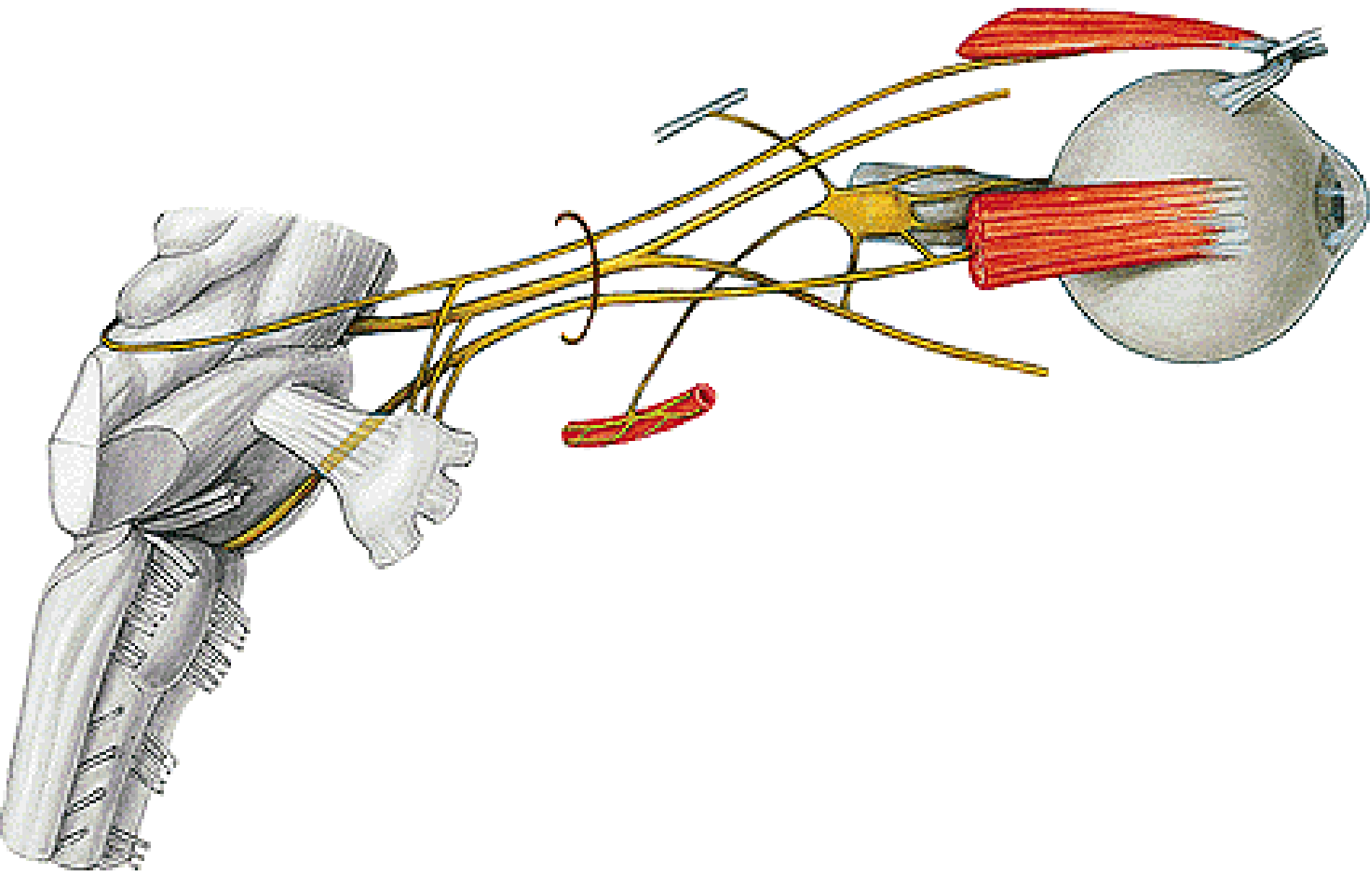
N. trochlearis

- m. obliquus bulbi superior



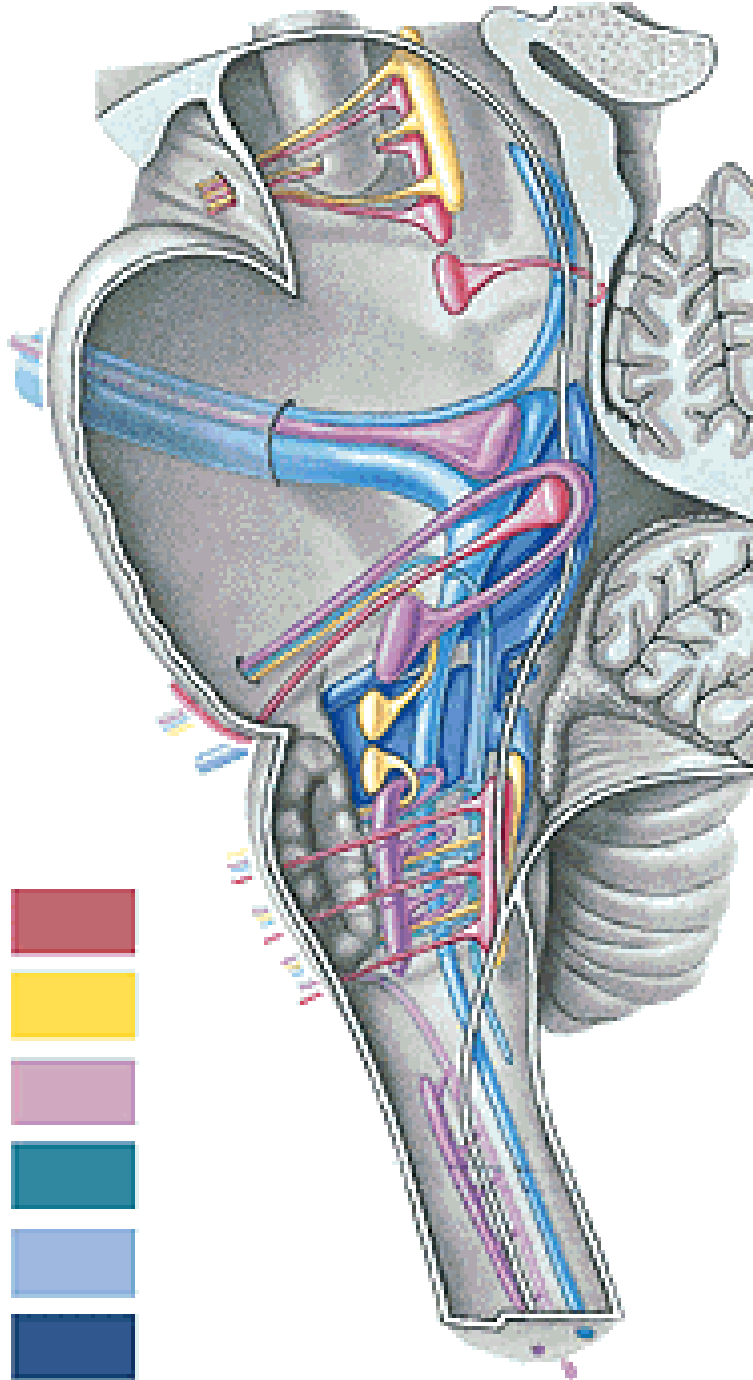
N. abducens

- m. rectus lateralis

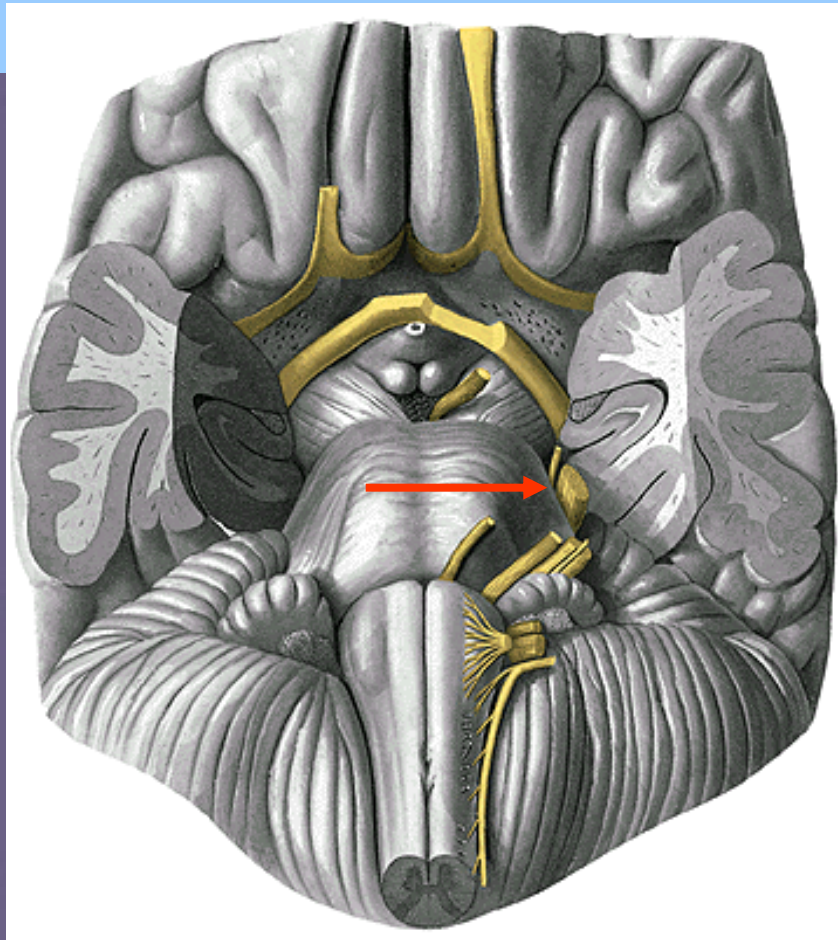
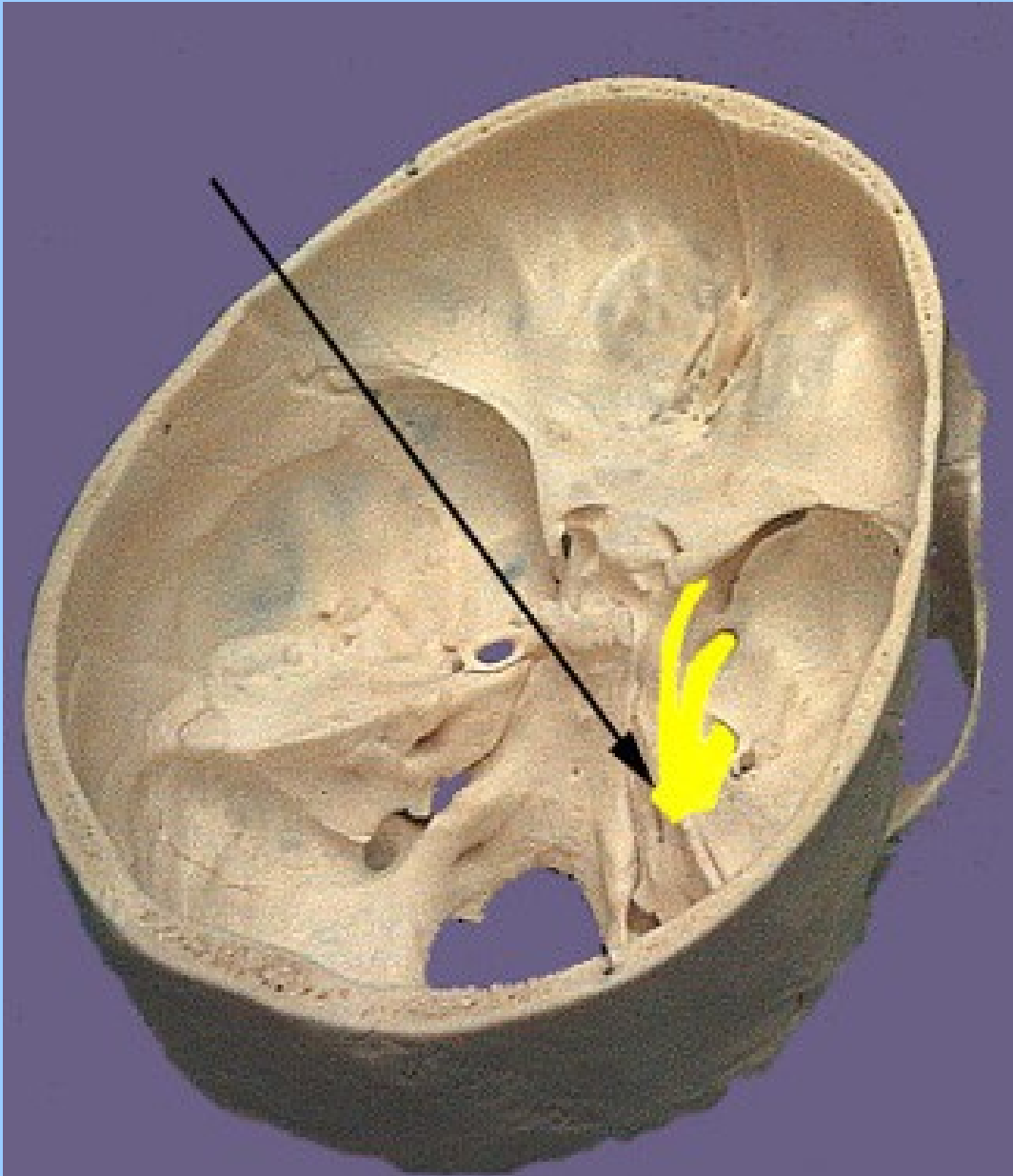


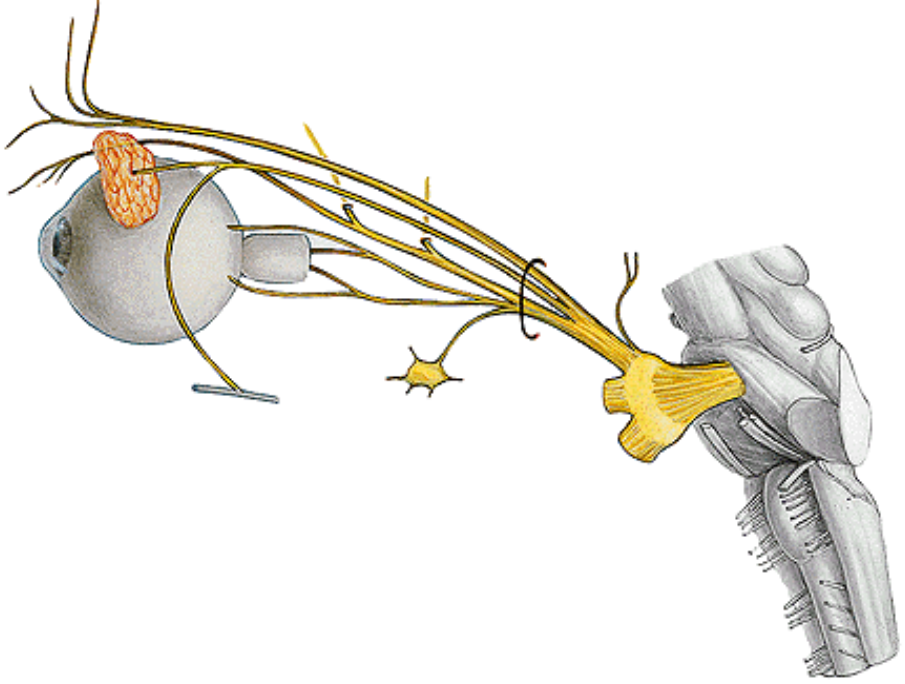
CN V

- SOMATOMOTOR
- VISCEROMOTOR
- BRANCHIOMOTOR
- SOMATOSENSORY
- VISCEROSENSORY
- SPECIAL SENSORY

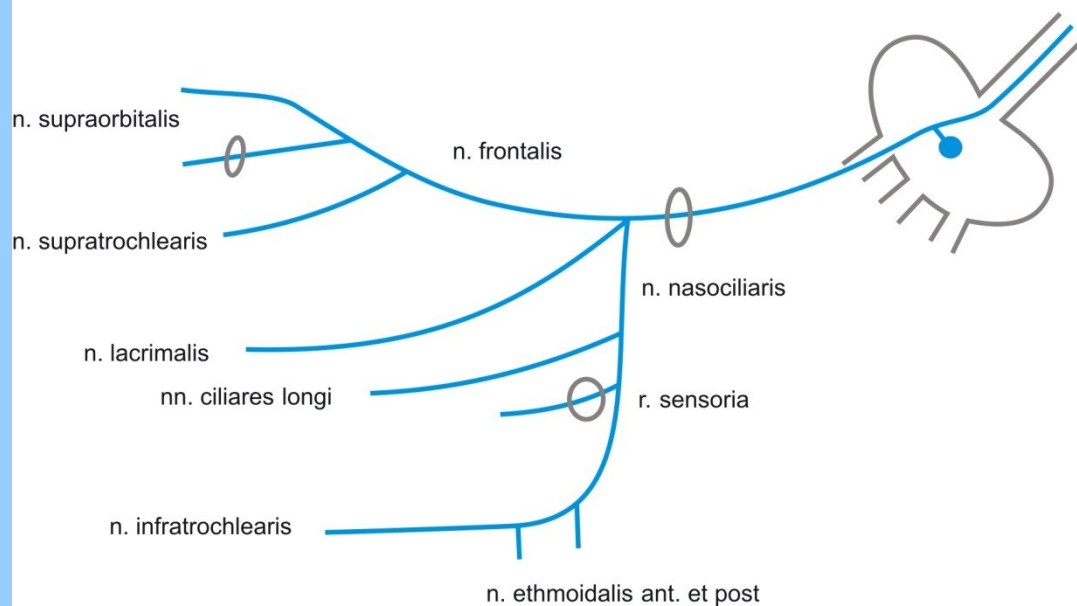


CN V

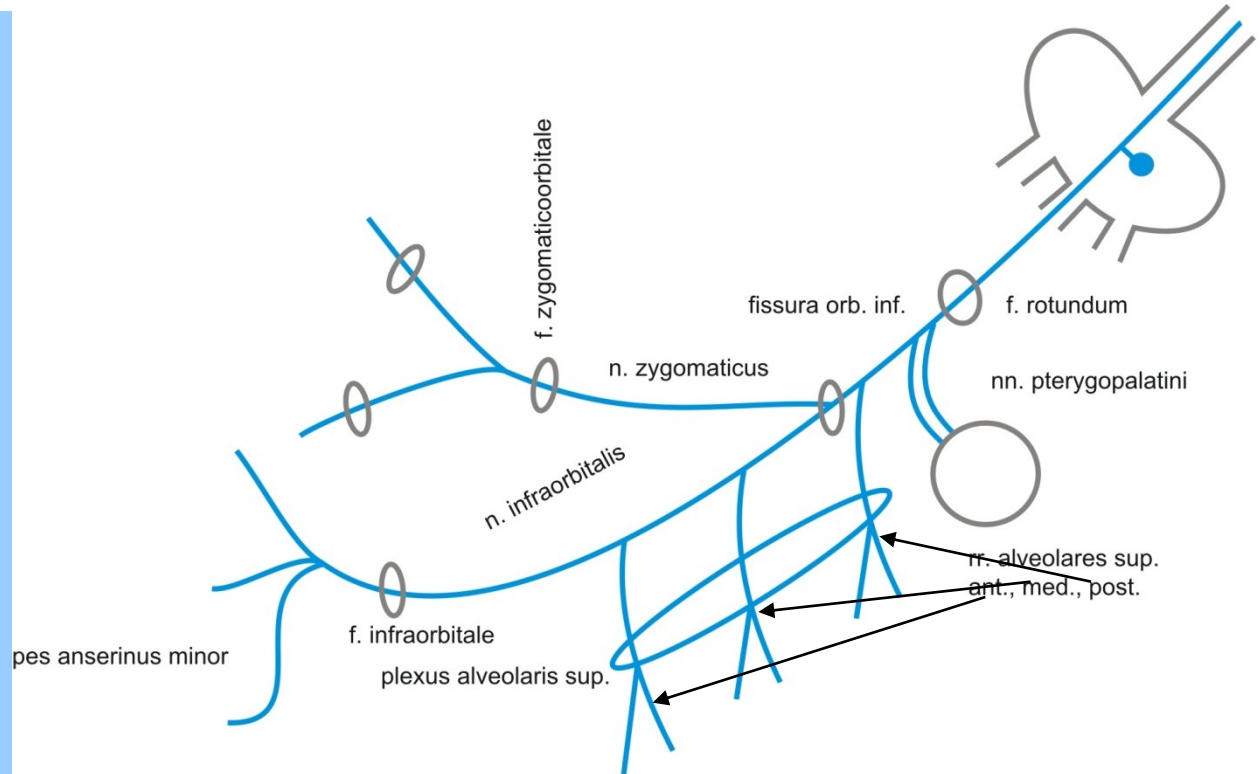
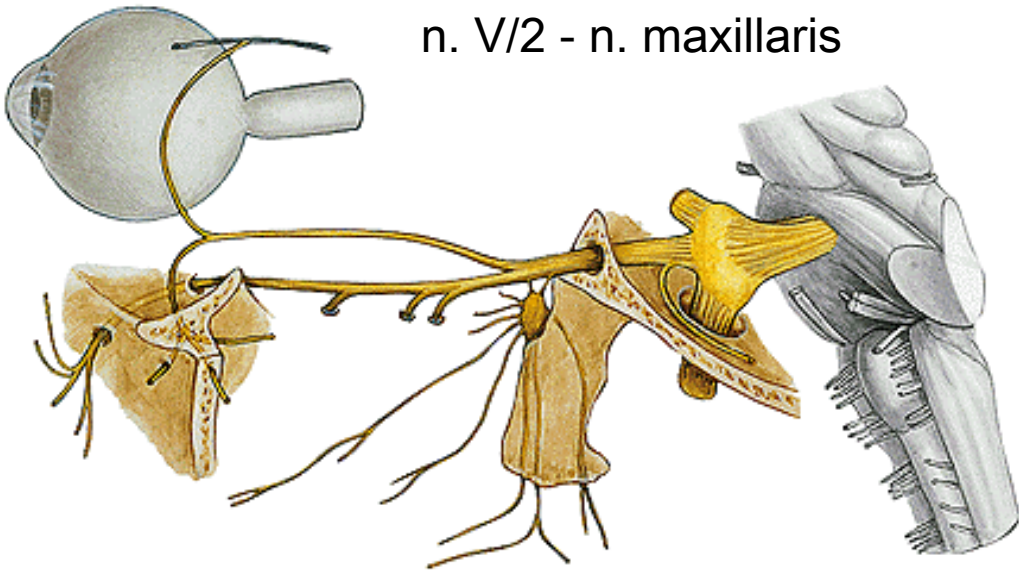




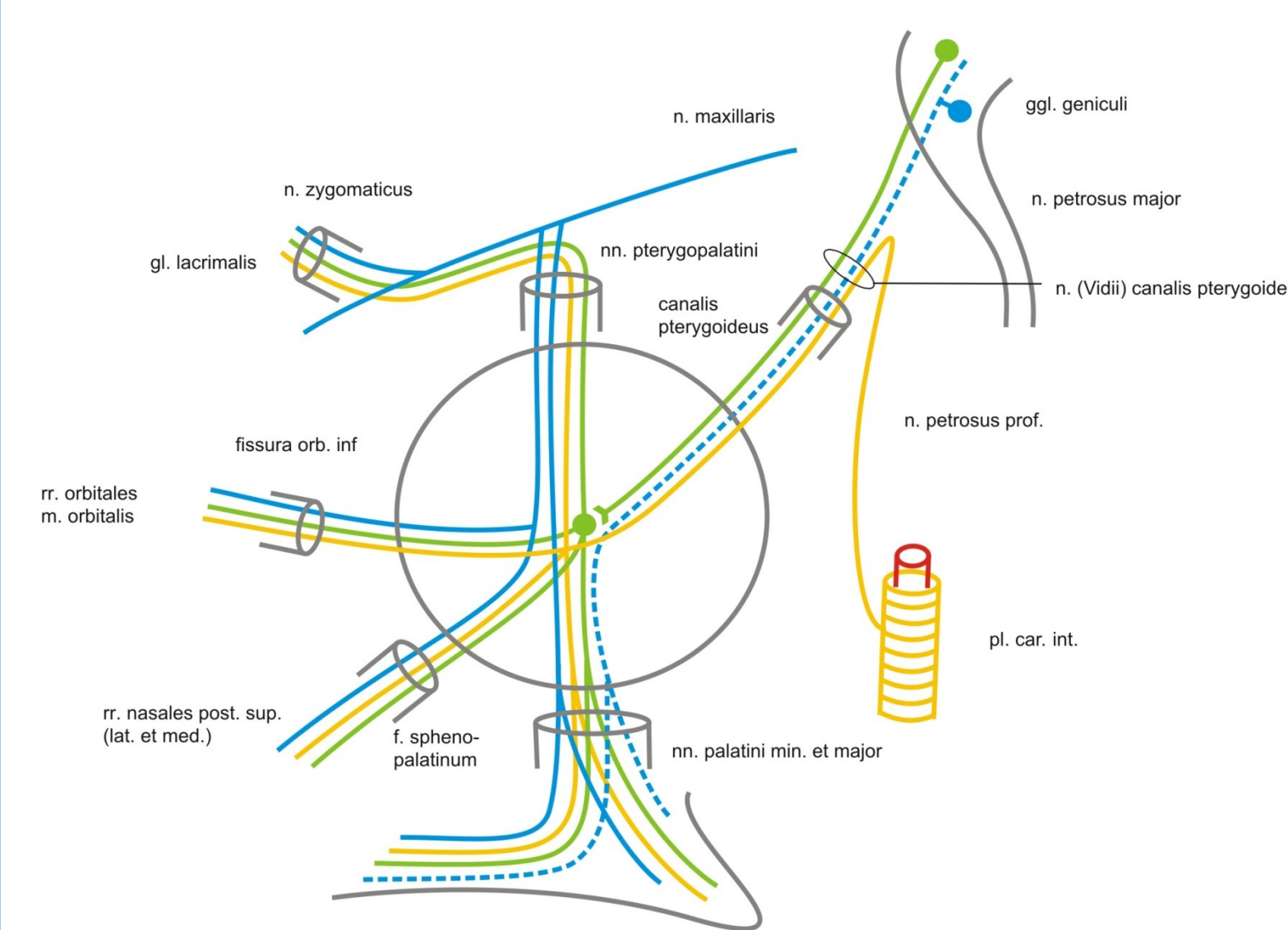
n. V/1 - n. ophthalmicus



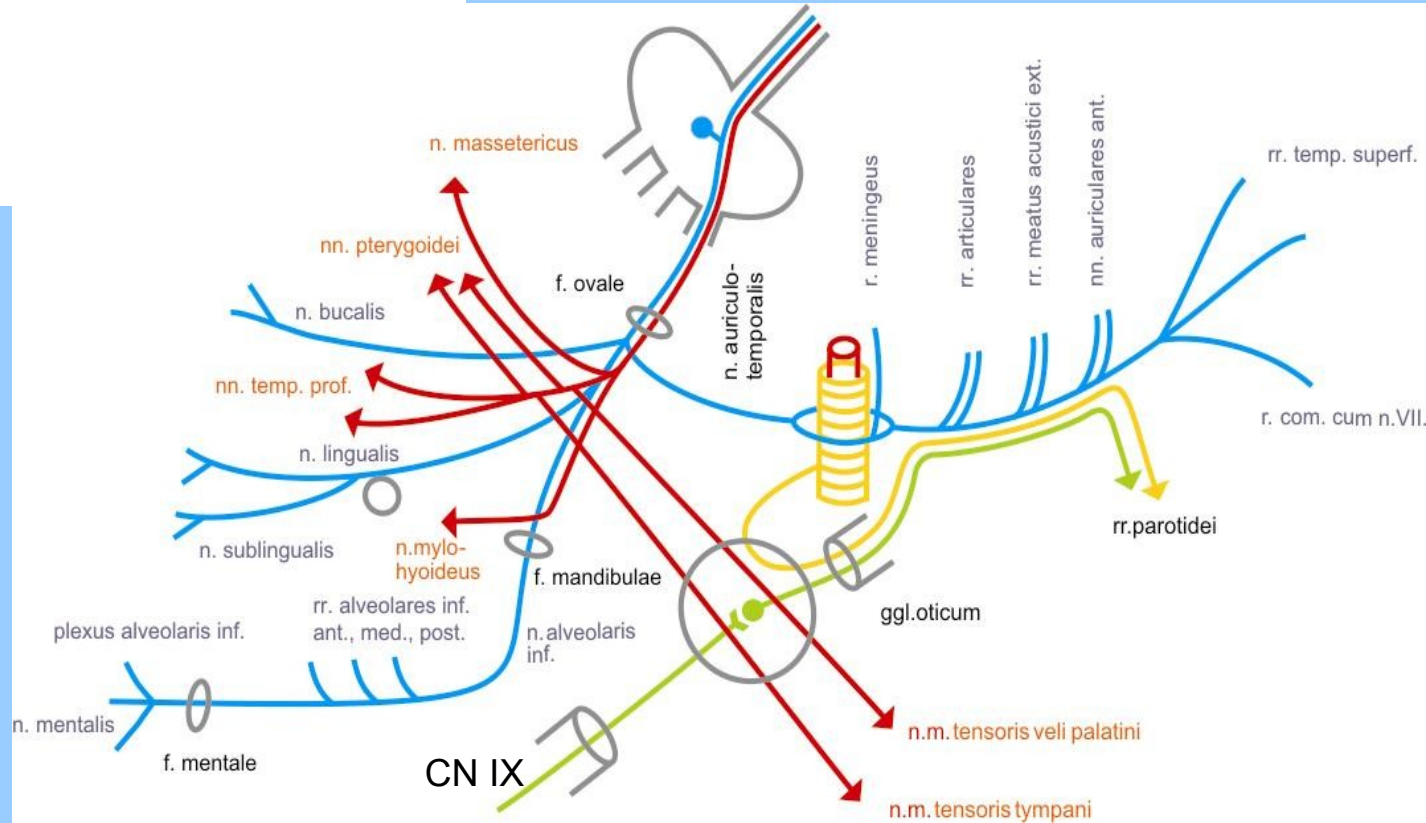
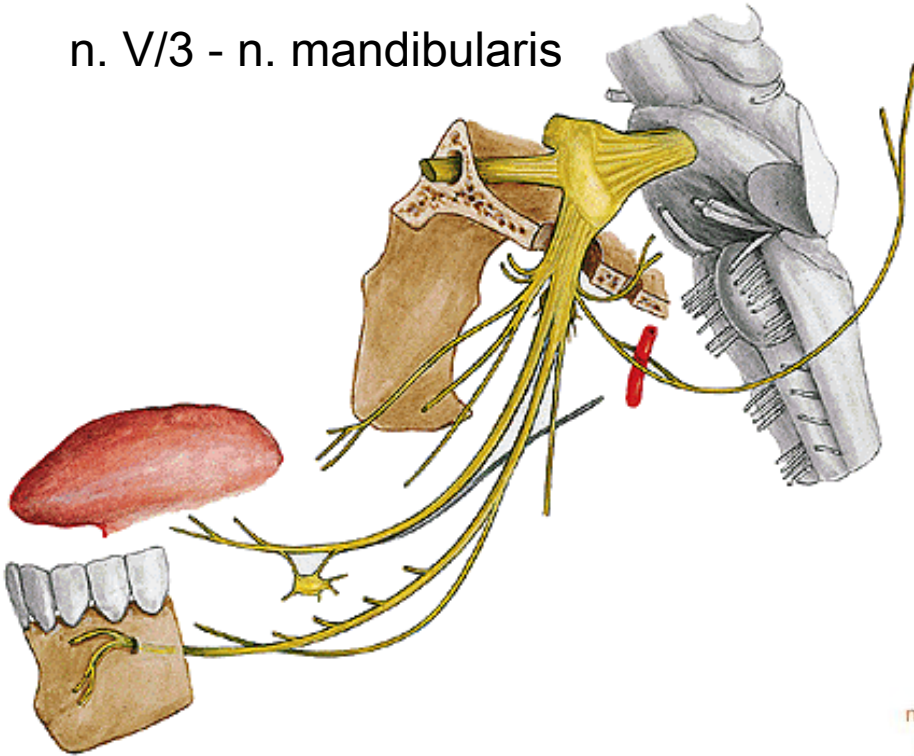
n. V/2 - n. maxillaris



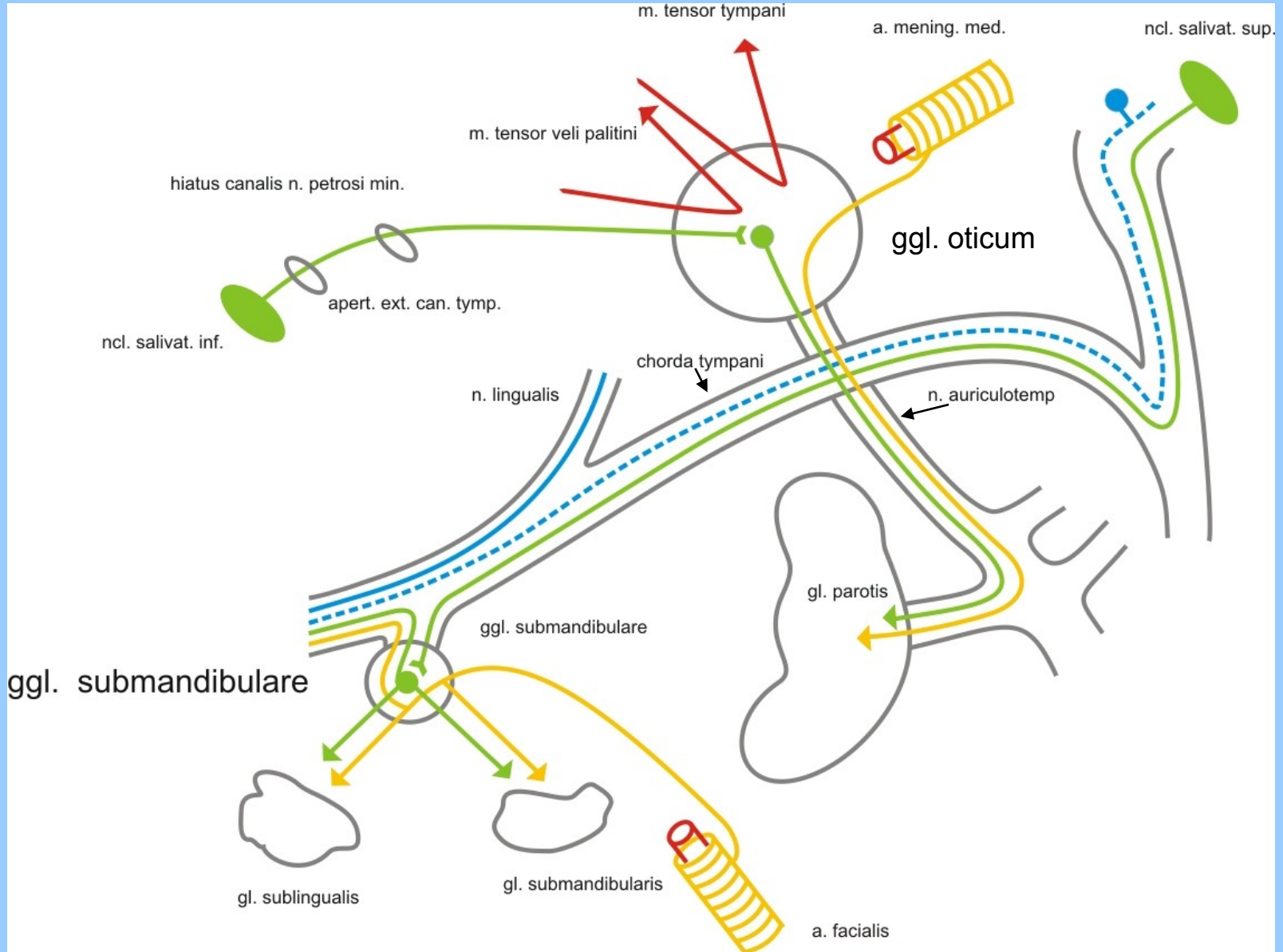
ggl. pterygopalatinum



n. V/3 - n. mandibularis

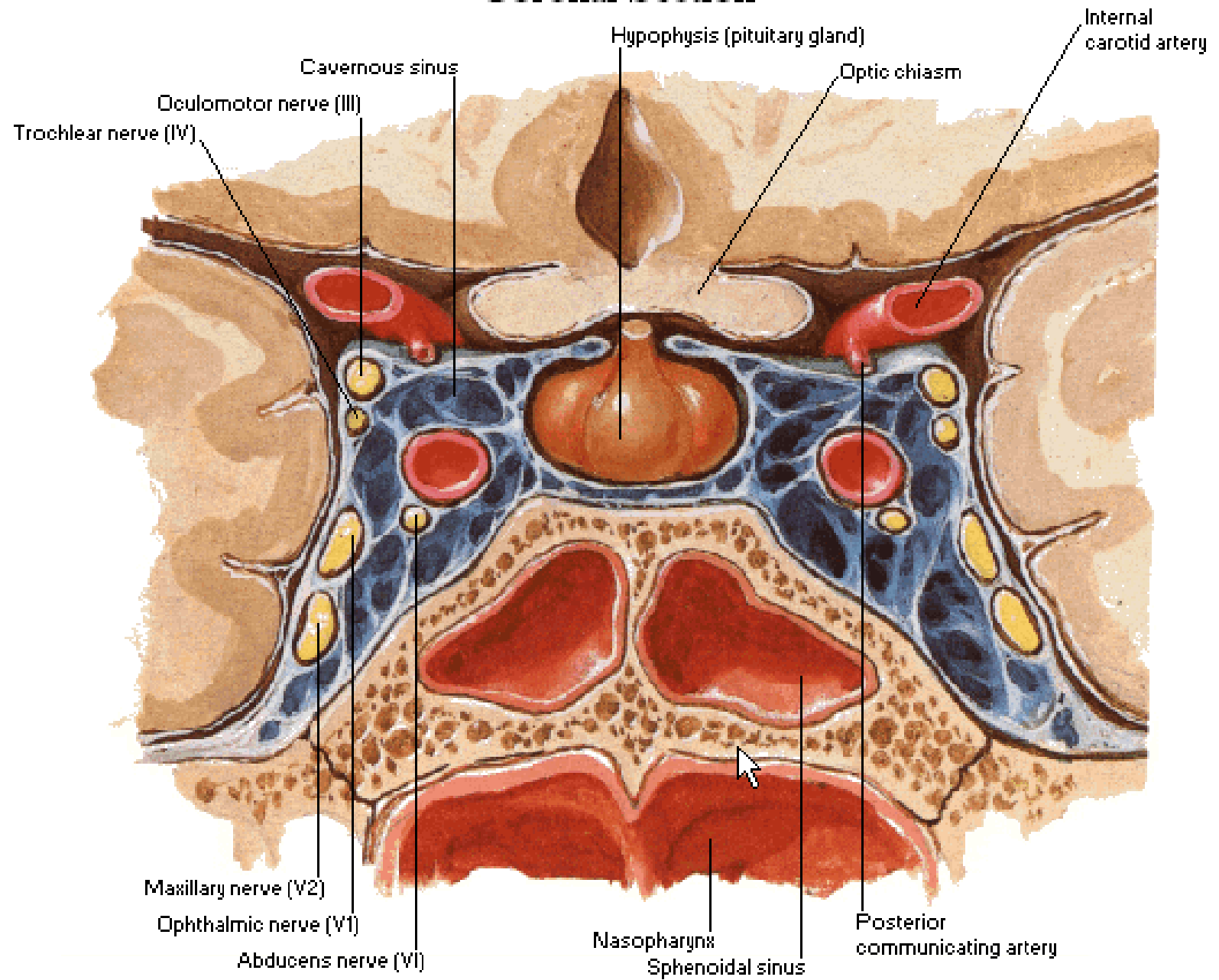


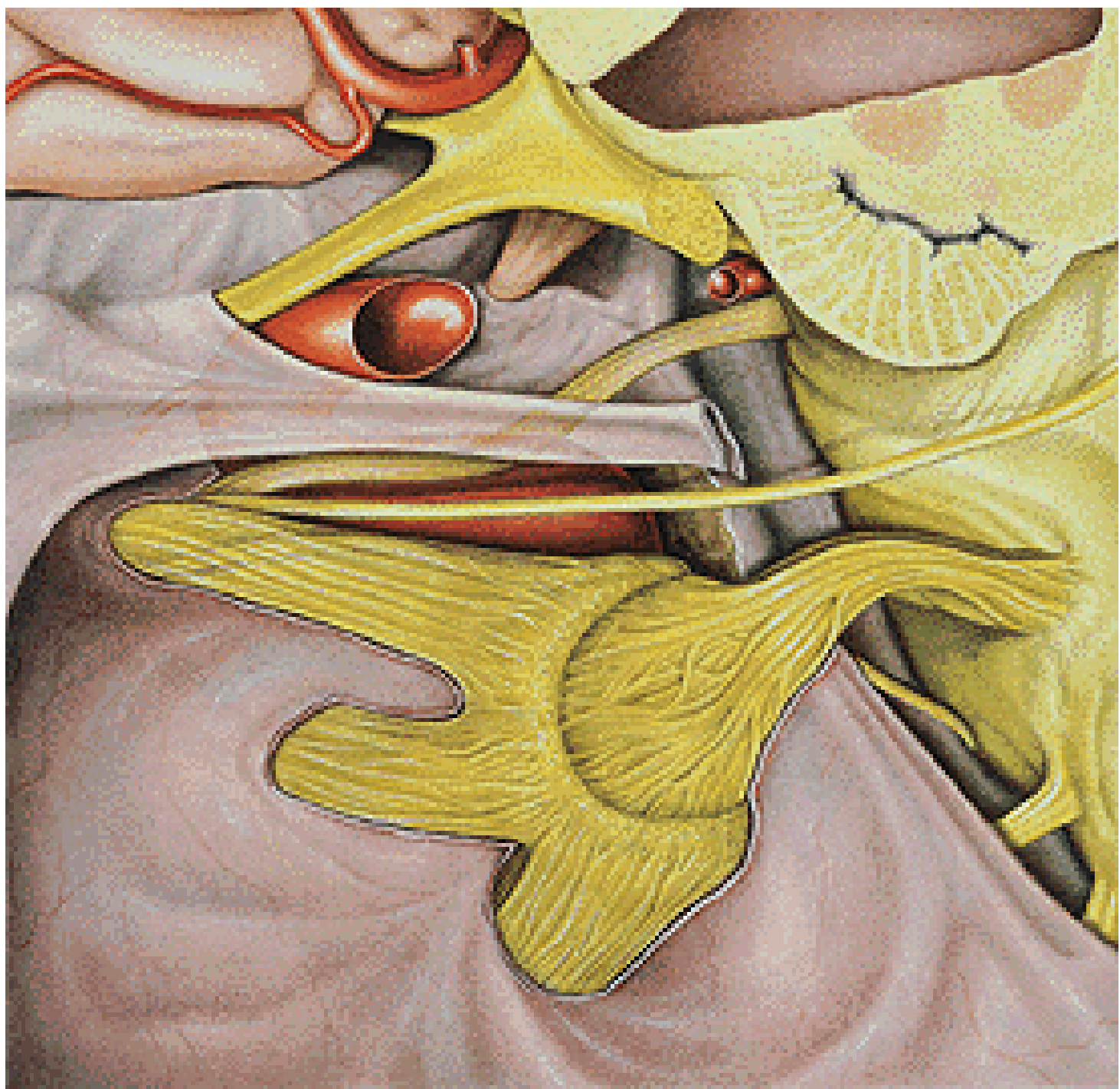
Ggl. oticum et submandibulare

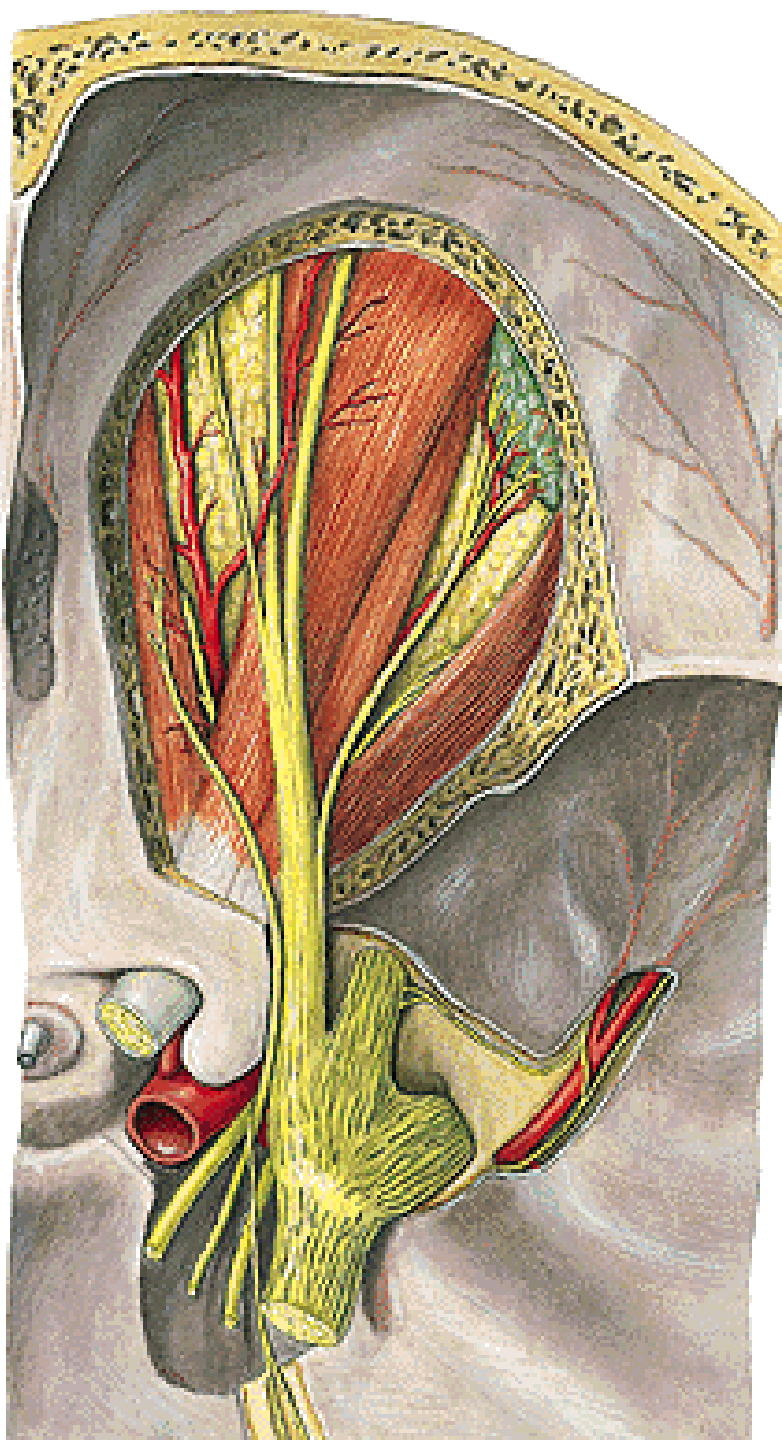


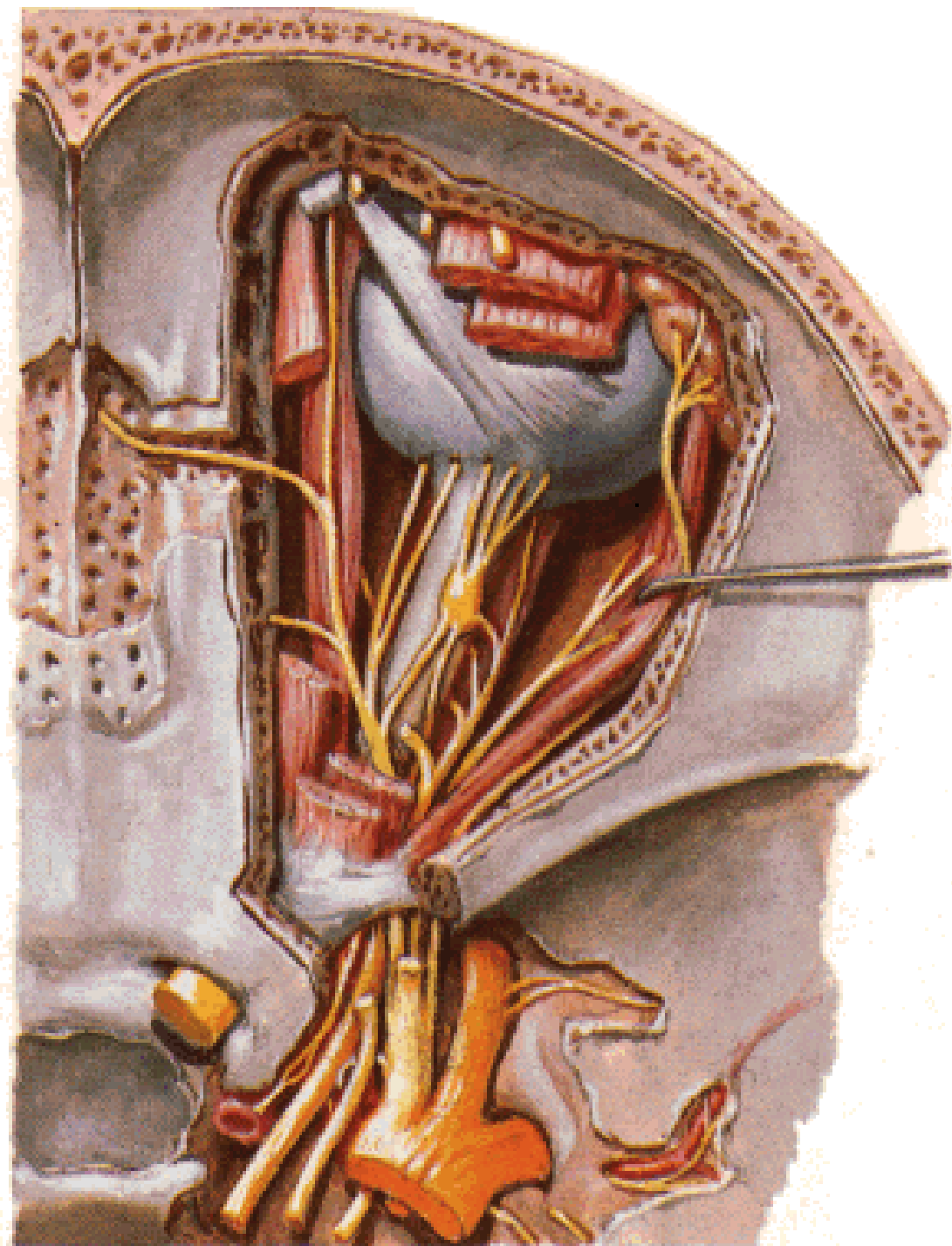
Cavernous Sinus

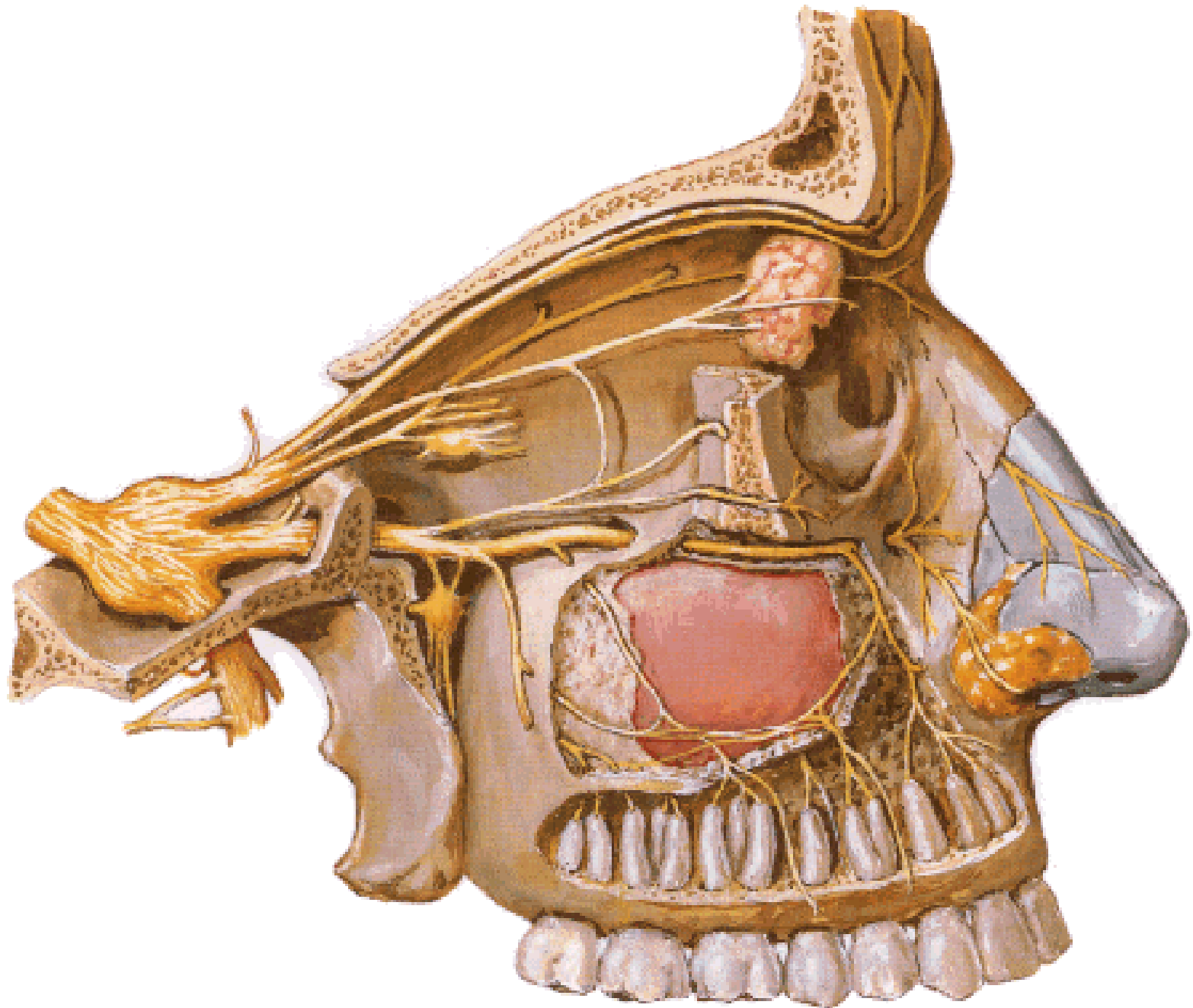
Coronal Section

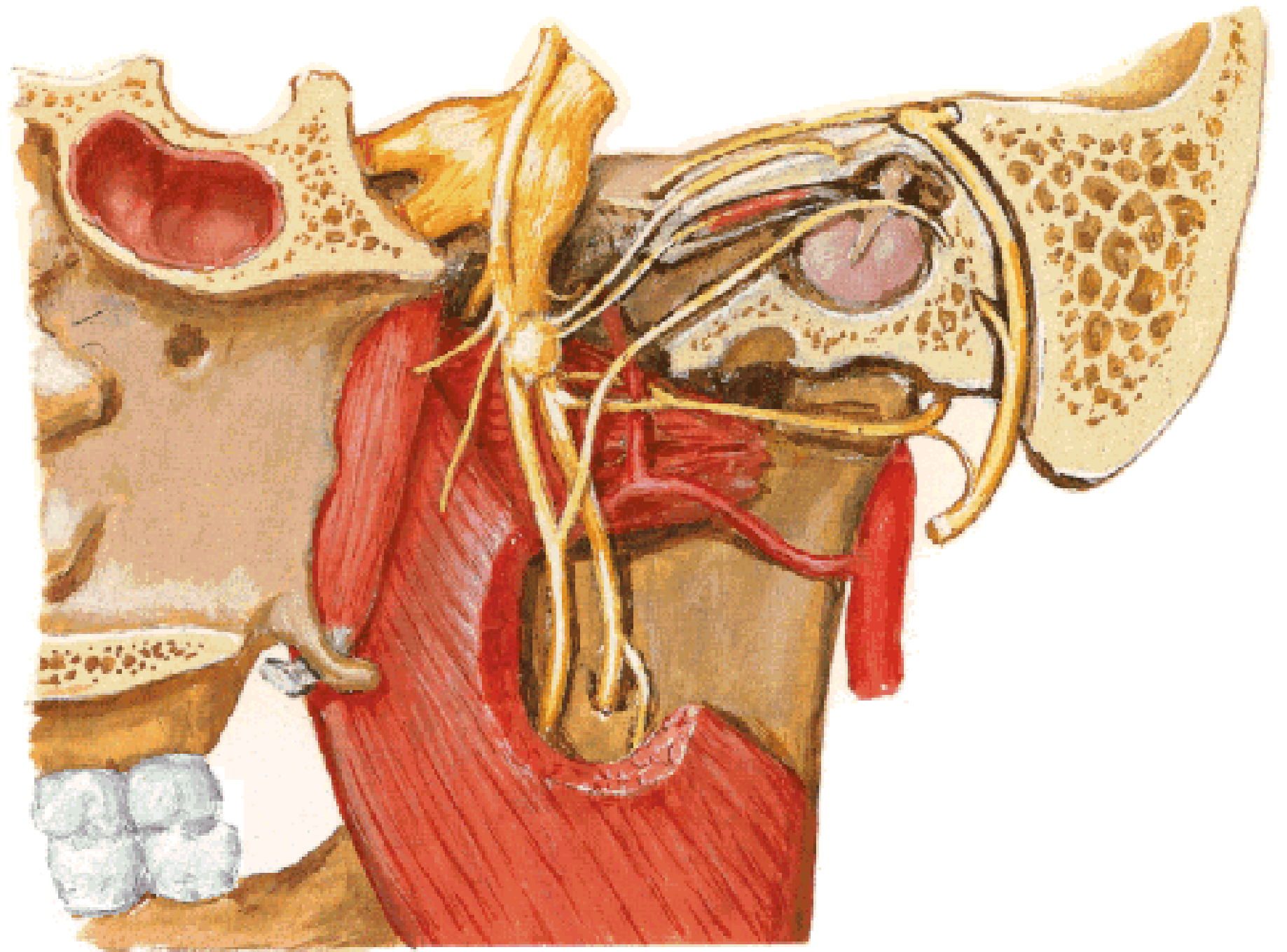




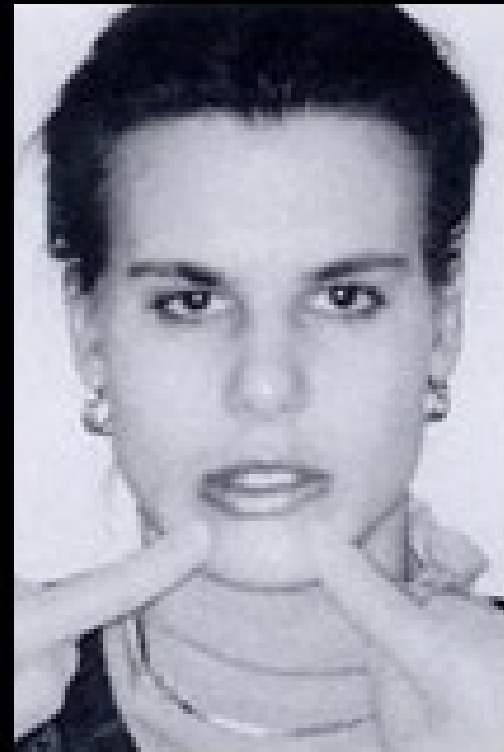


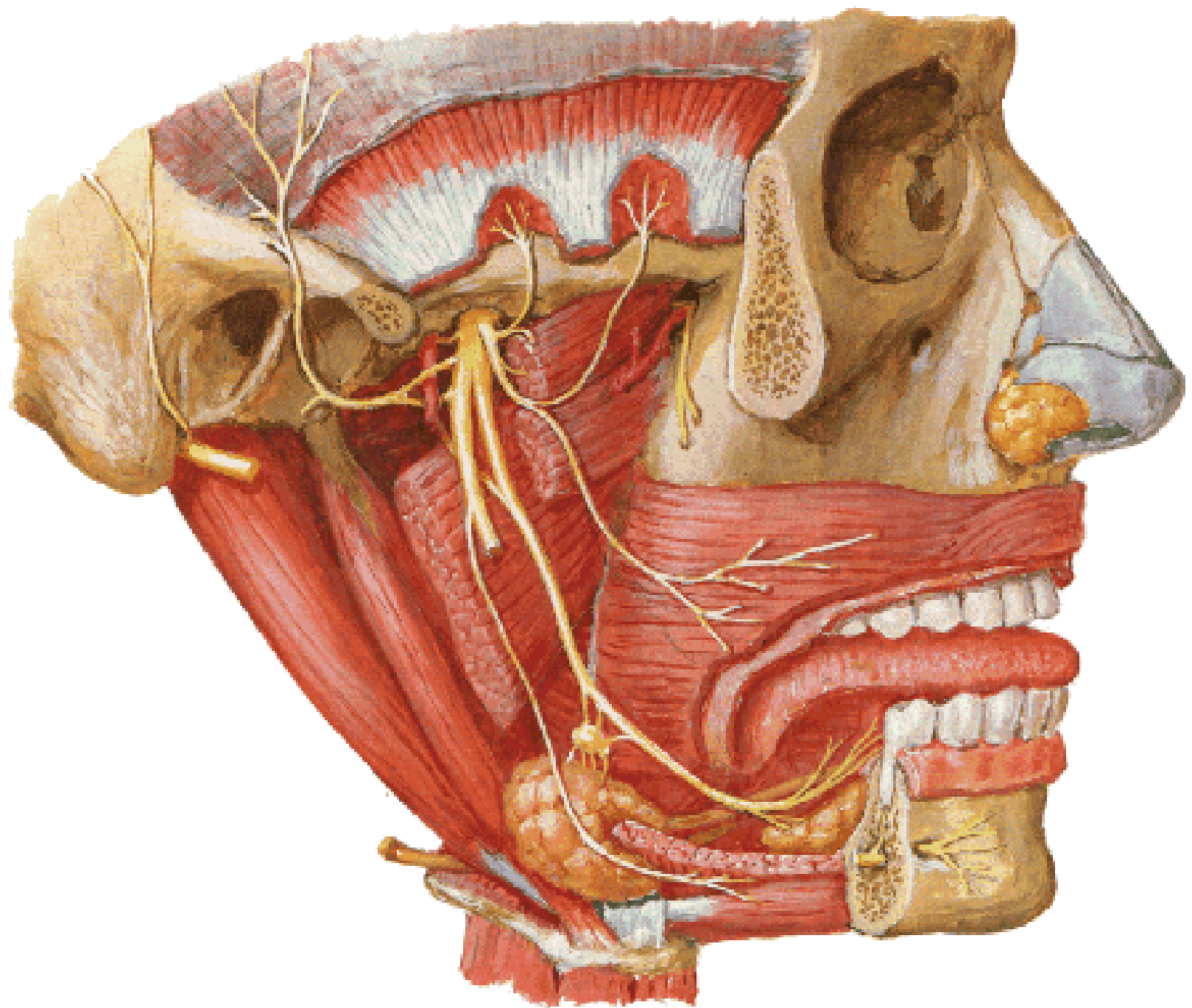


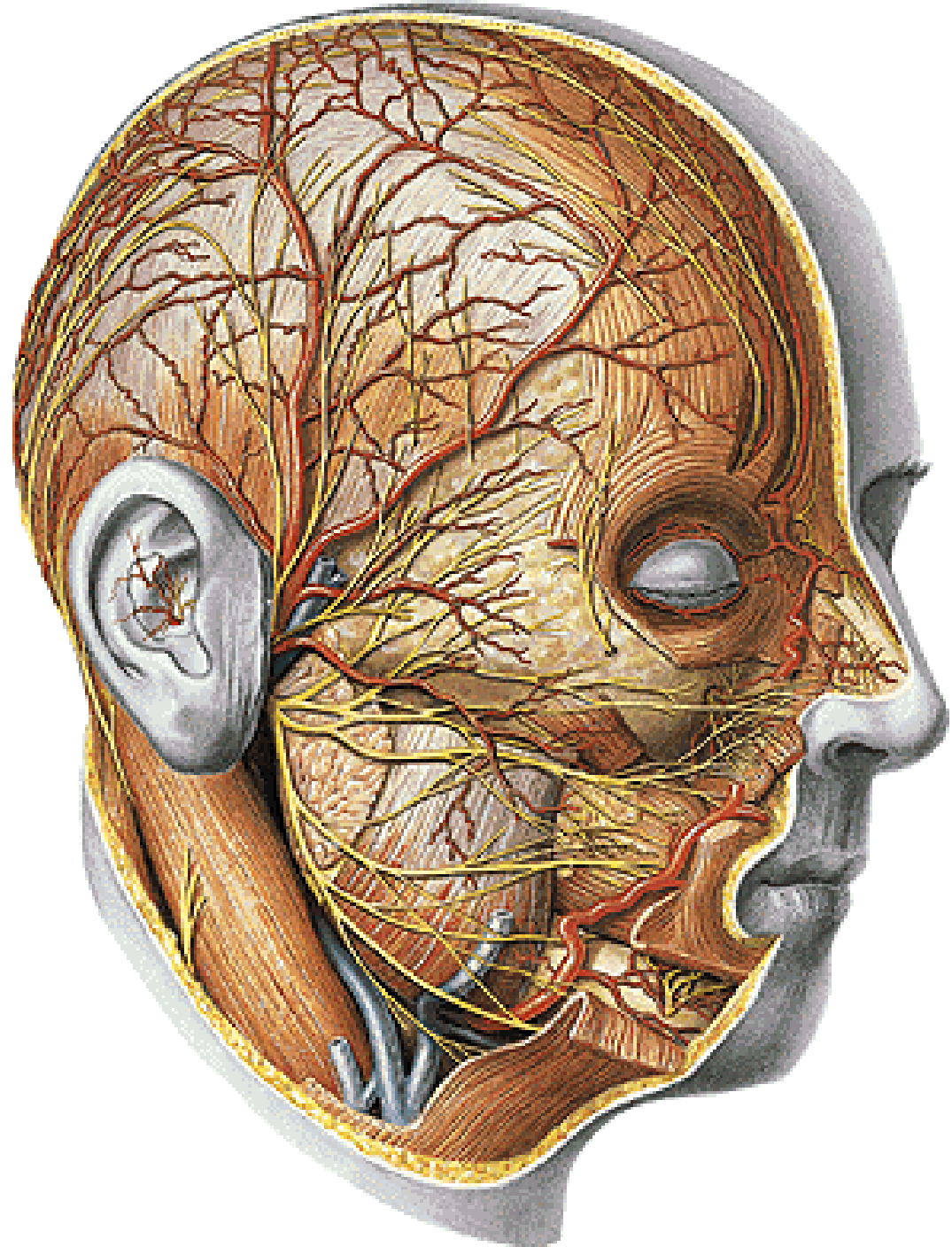


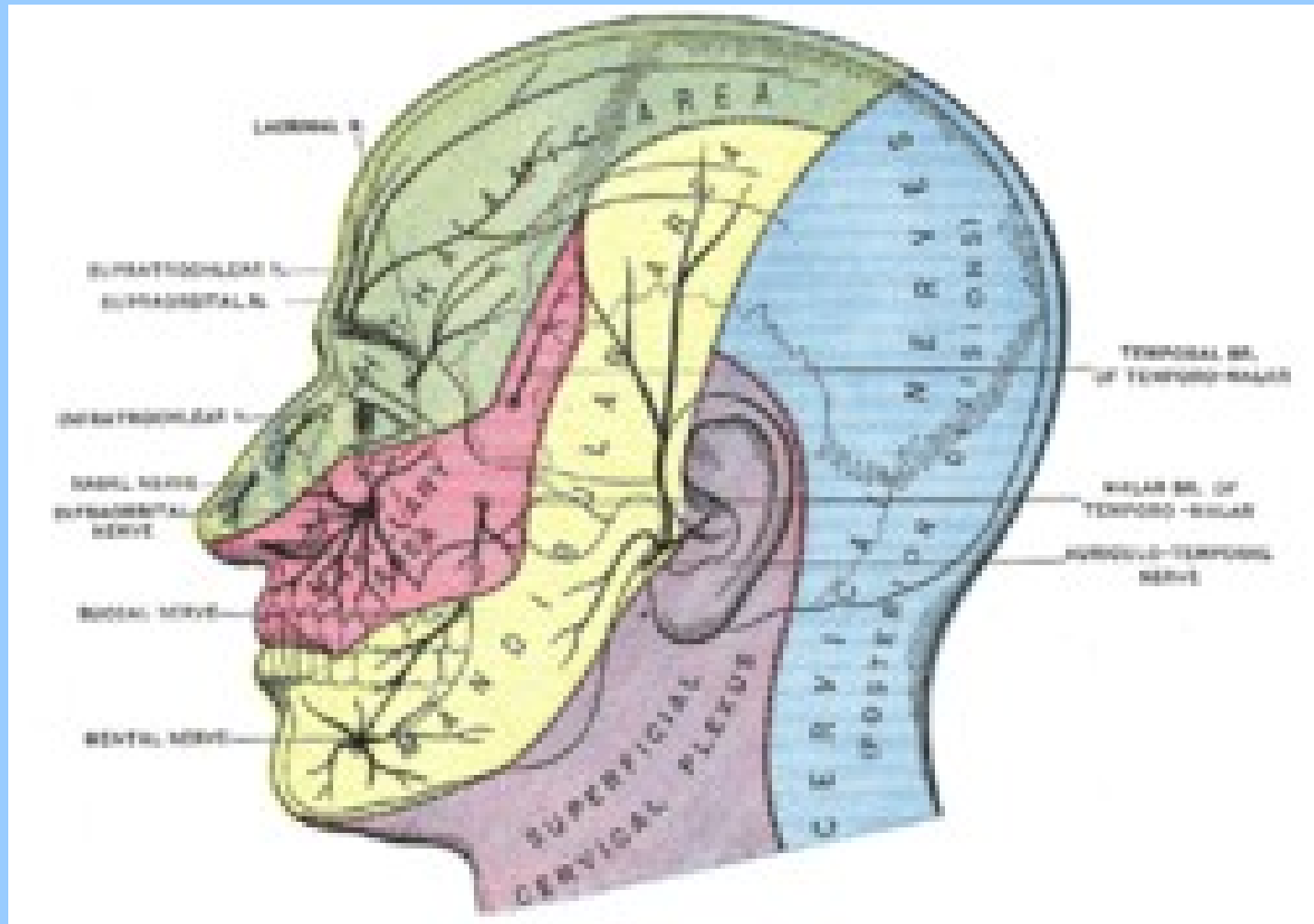


Výstupy 3 hlavních větví n. V.

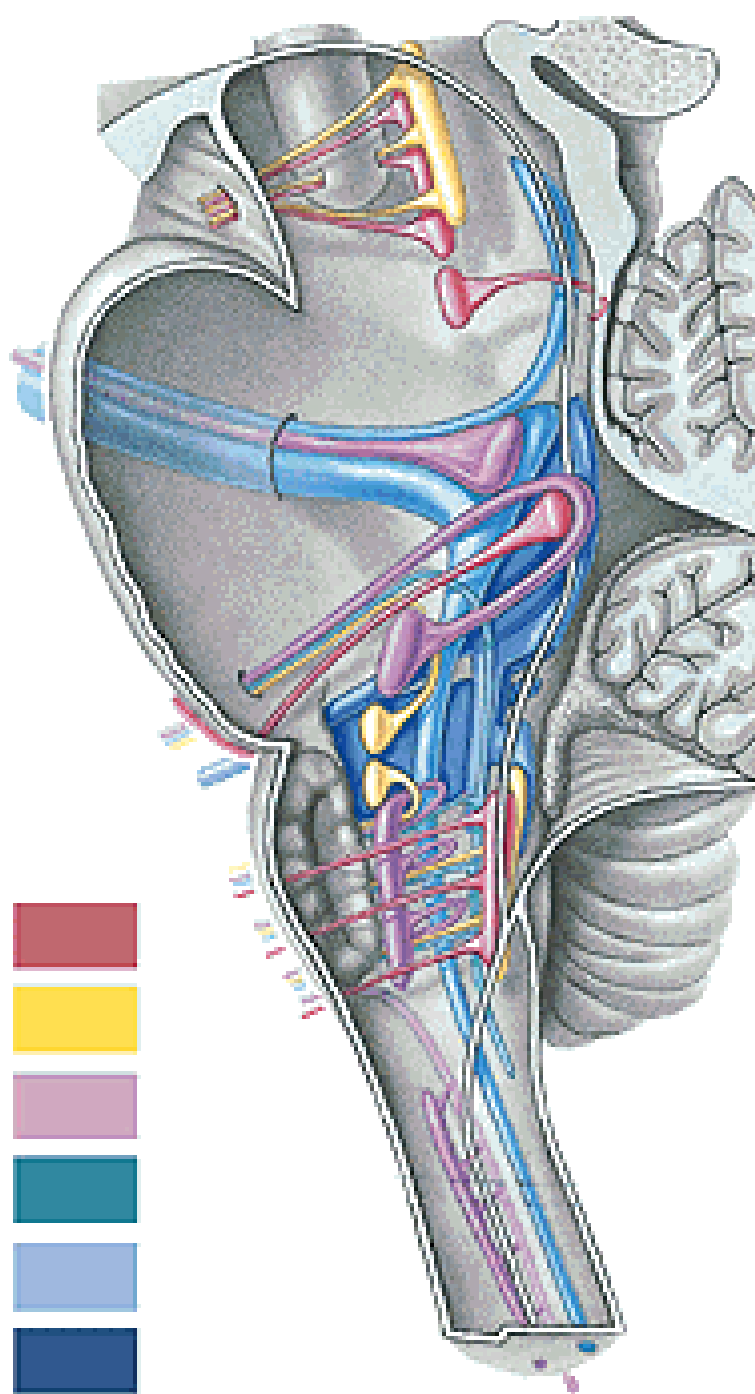








CN VII



SOMATOMOTOR



VISCEROMOTOR



BRANCHIOMOTOR



SOMATOSENSORY

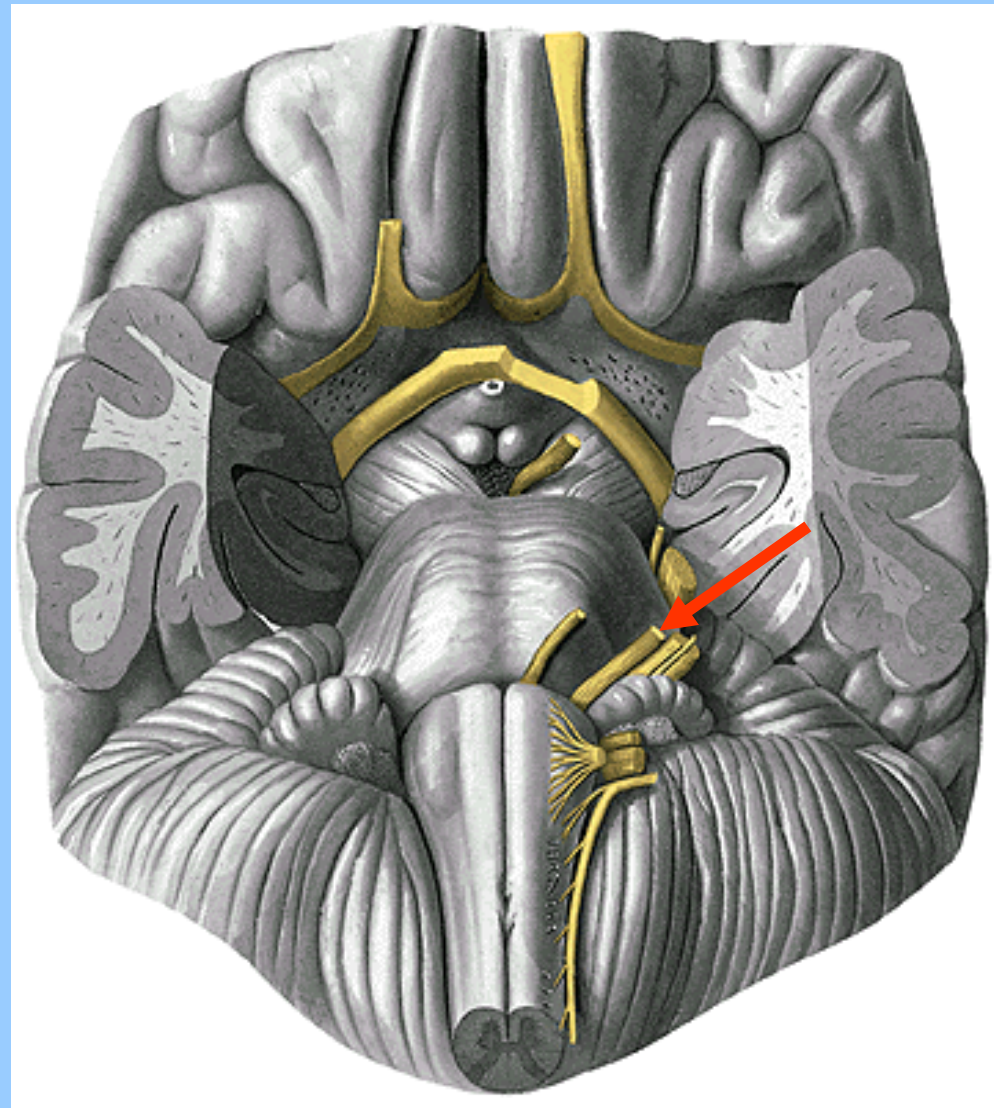
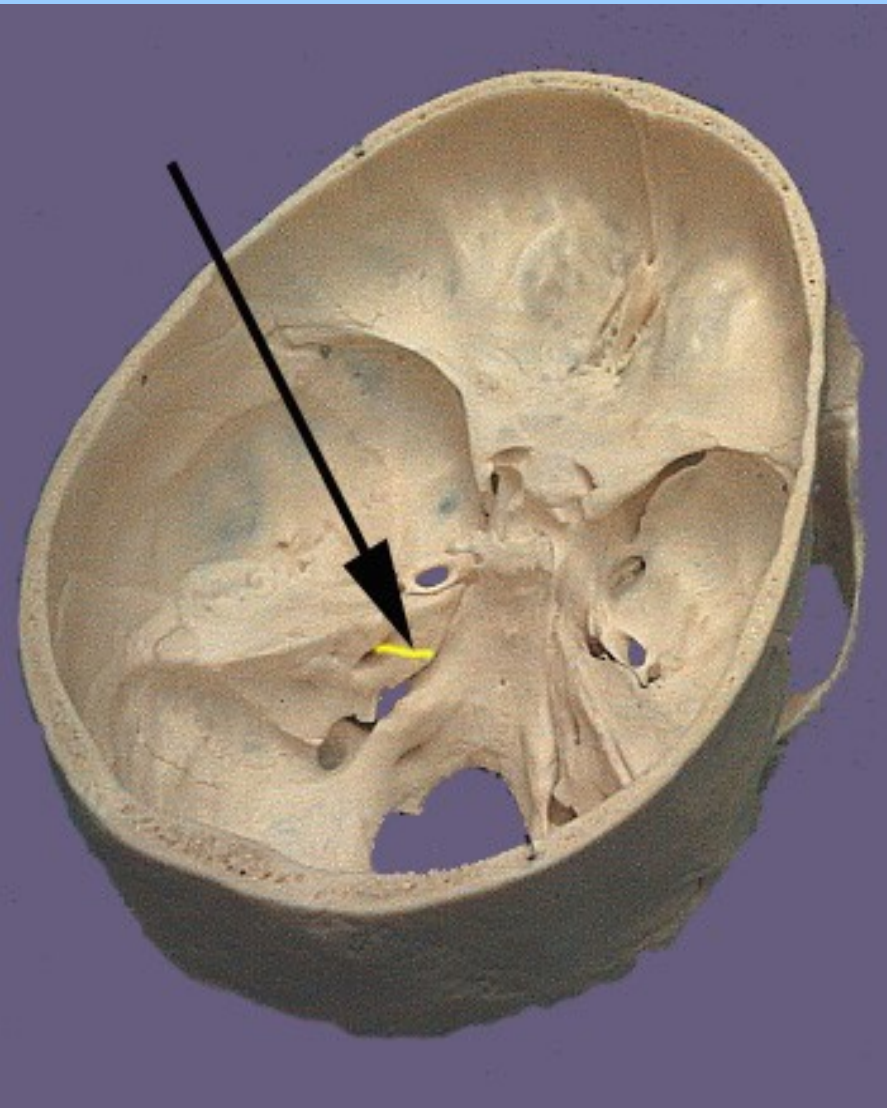


VISCEROSENSORY

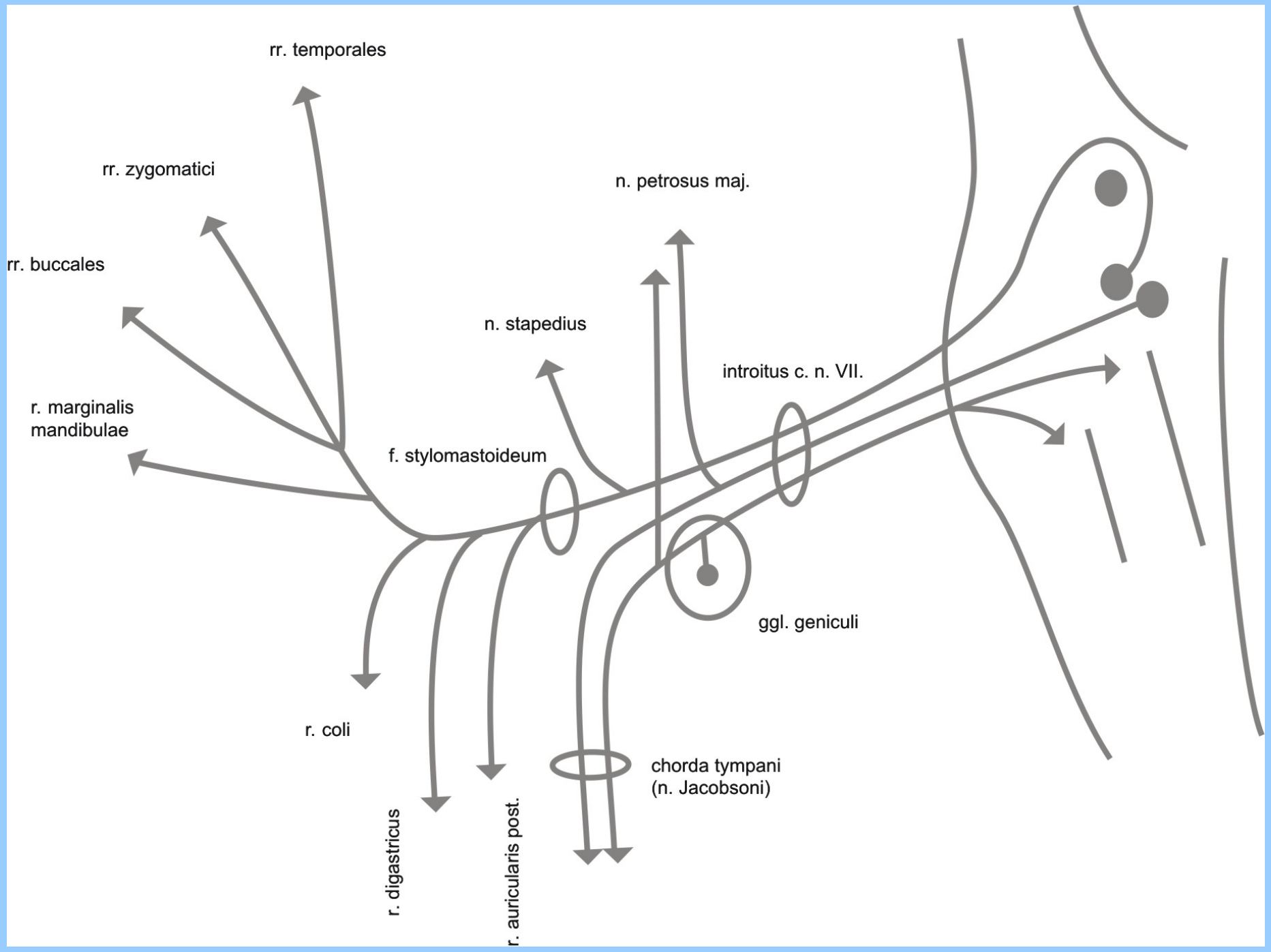


SPECIAL SENSORY





n. VII.



rr. temporales

rr. zygomatici

rr. buccales

r. marginalis mandibulae

n. petrosus maj.

n. stapedius

introitus c. n. VII.

f. stylomastoideum

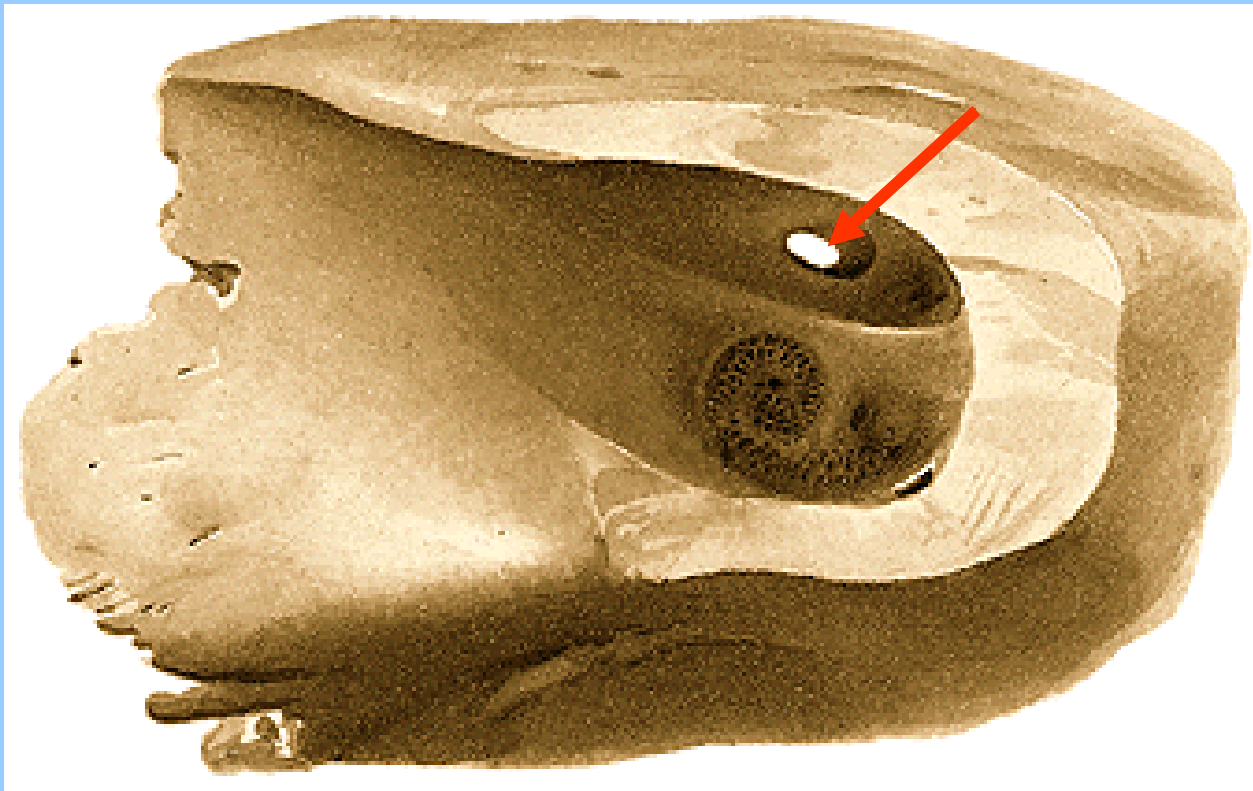
ggl. geniculi

r. coli

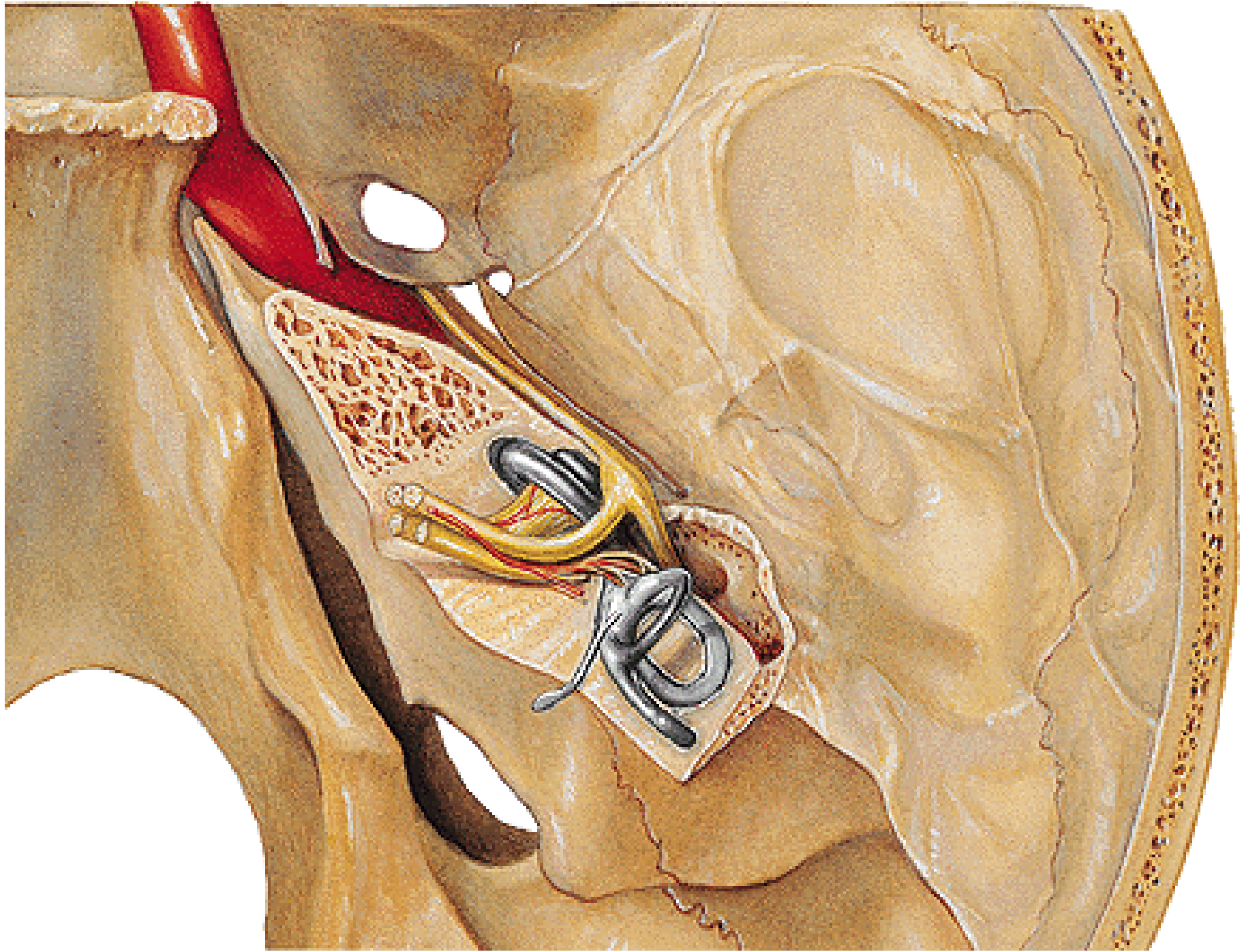
chorda tympani (n. Jacobsoni)

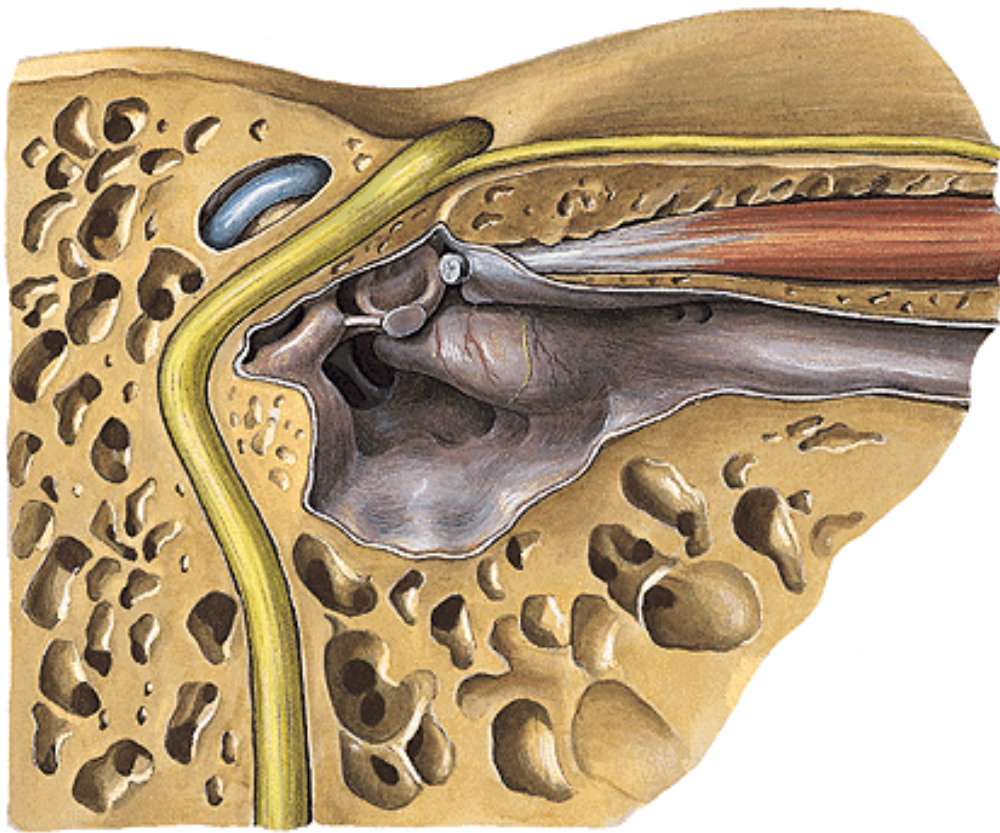
r. digastricus

r. auricularis post.



Fundus meatus acustici interni – Introitus canalis CN VII



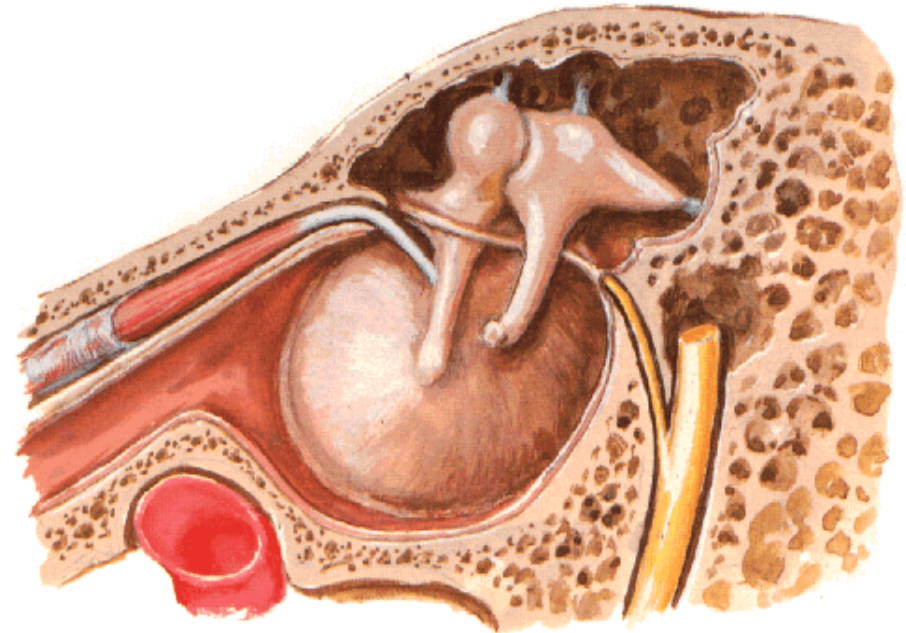


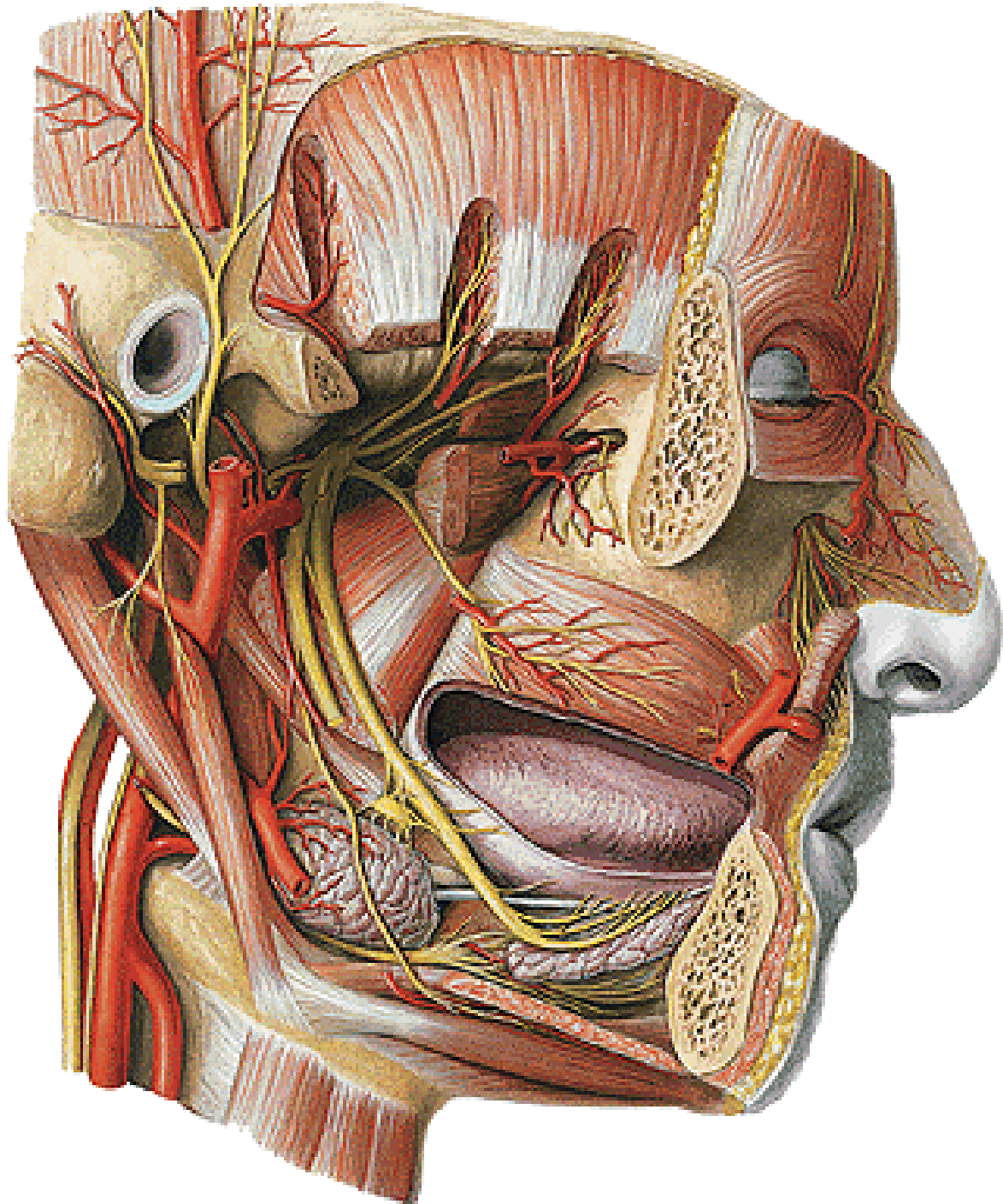
Ggl. geniculi

- n. petrosus major

Tympanic Cavity - Lateral Wall
Medial View

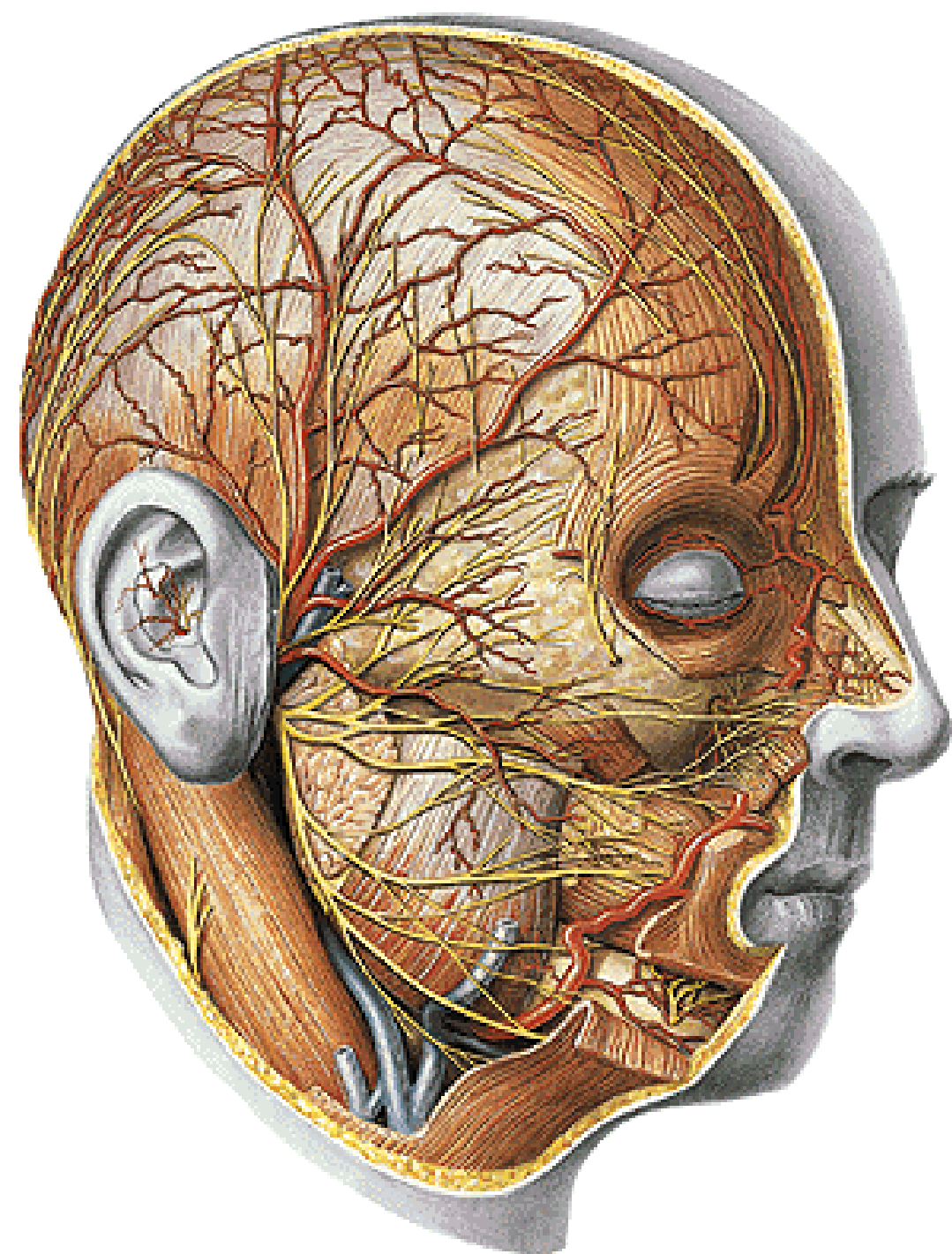
Chorda tympani





R. digastricus

R. stylohyoideus



Plexus parotideus:

rr. temporales

rr. zygomatici

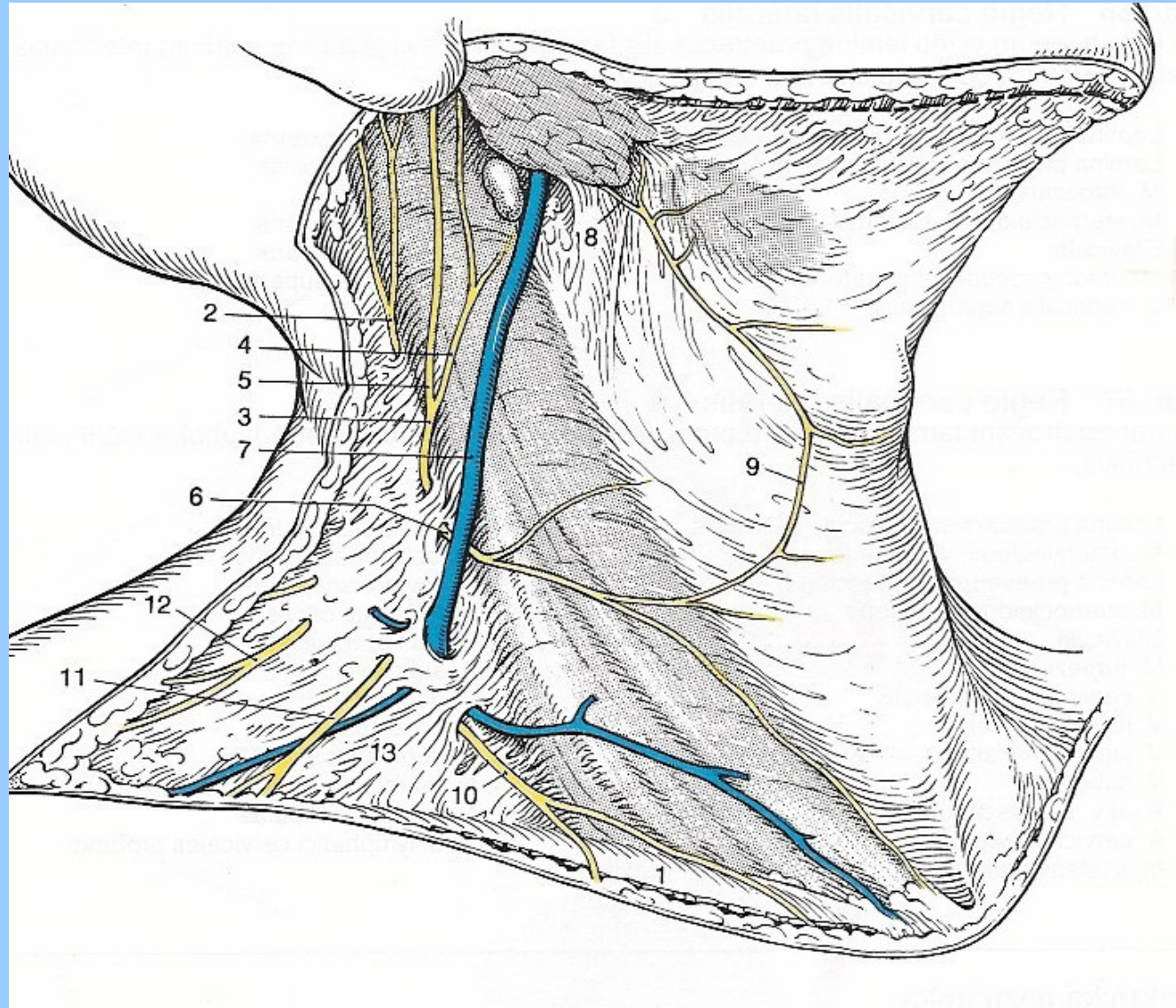
rr. buccales

r. marginalis mandibulae

r. colli

ANSA CERVICALIS SPF.

R. COLLI N. FACIALIS - N. TRANSVERSUS COLLI



- Illustrations were copied from:
- **Atlas der Anatomie des Menschen/
Sobotta. Putz,R., und Pabst,R. 20.
Auflage. München: Urban &
Schwarzenberg, 1993**
- **Netter: Interactive Atlas of Human
Anatomy. Windows Version 2.0**