

ORGANUM VISUS (ZRAKOVÉ ÚSTROJÍ)

TUNICA FIBROSA BULBI

- bělima (sclera) zadní 5/6 oka
- rohovka (cornea) přední 1/6

Tunica

- fibrosa bulbi
- vasculosa bulbi
- interna bulbi

Sclera (poloměr 11-12 mm)

lamina cribrosa sclerae

fascia bulbi (Tenoni) → spatium episclerale

spatium perichoroideum

Cornea (poloměr 7-8 mm)

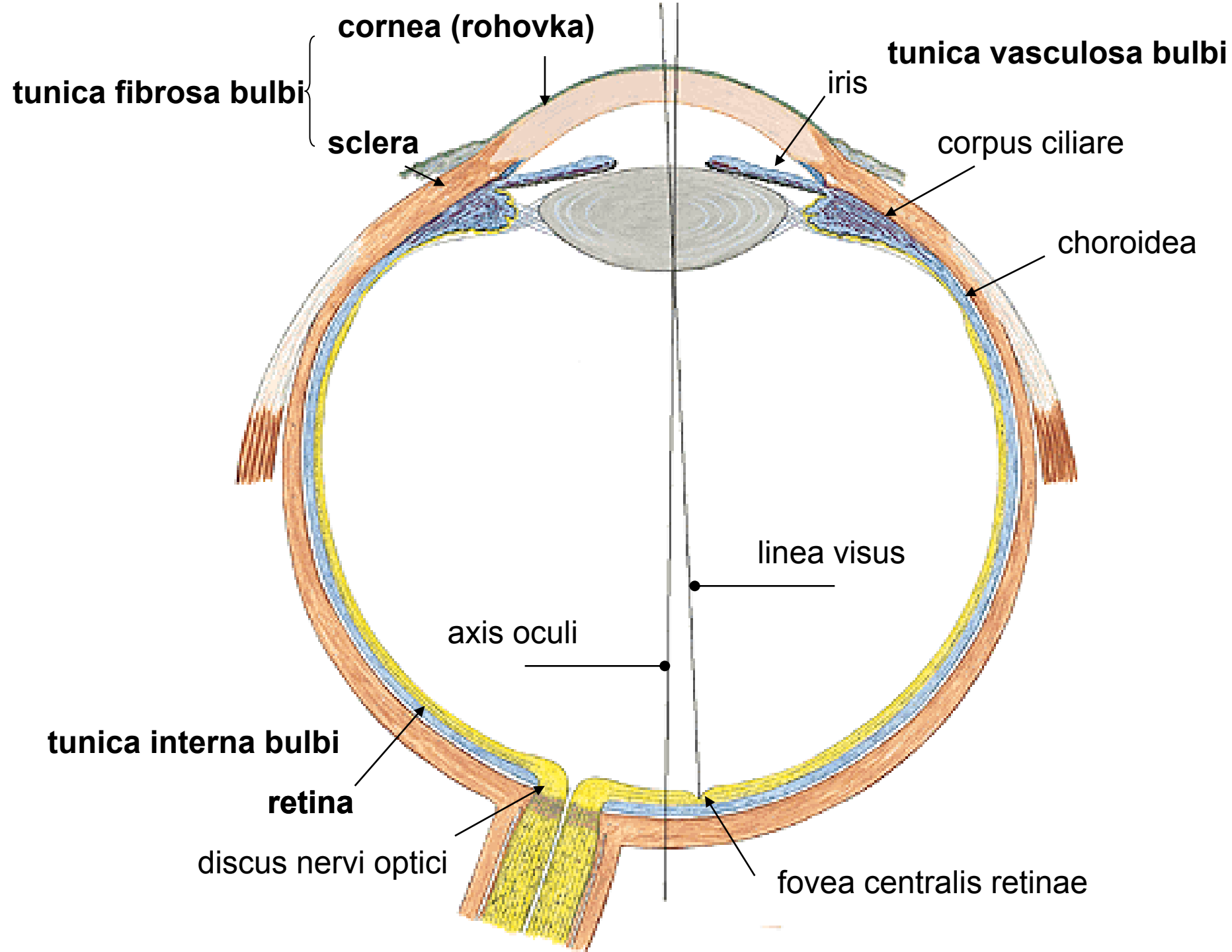
facies anterior et posterior corneae

lamina limitans post. (Descemetova membrána)

limbus corneae

sklerokorneálního spojení - sulcus sclerae

- žilní splav sinus venosus sclerae (canalis Schlemmi)



TUNICA VASCULOSA BULBI

choroidea (cévnatka)

corpus ciliare (řasnaté těleso)

iris (duhovka)

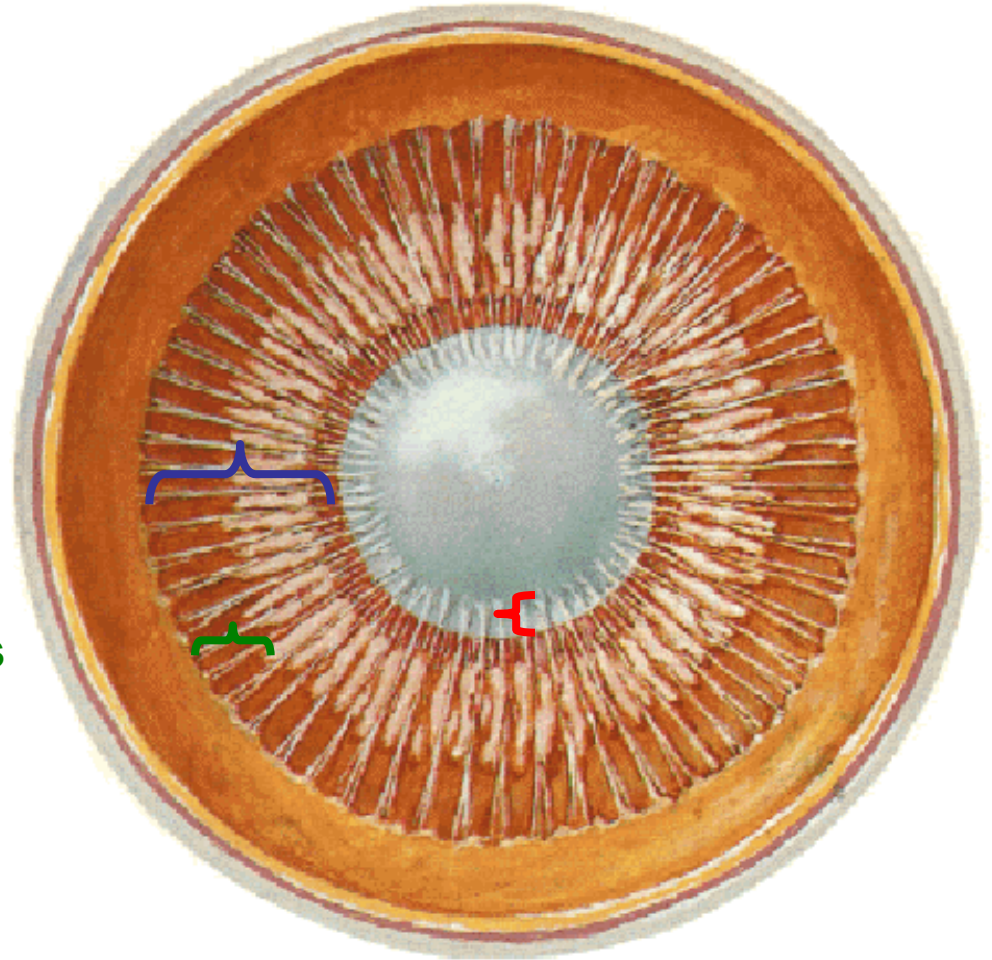
CORPUS CILIARE

m. ciliaris fibrae meridionales
 fibrae circulares

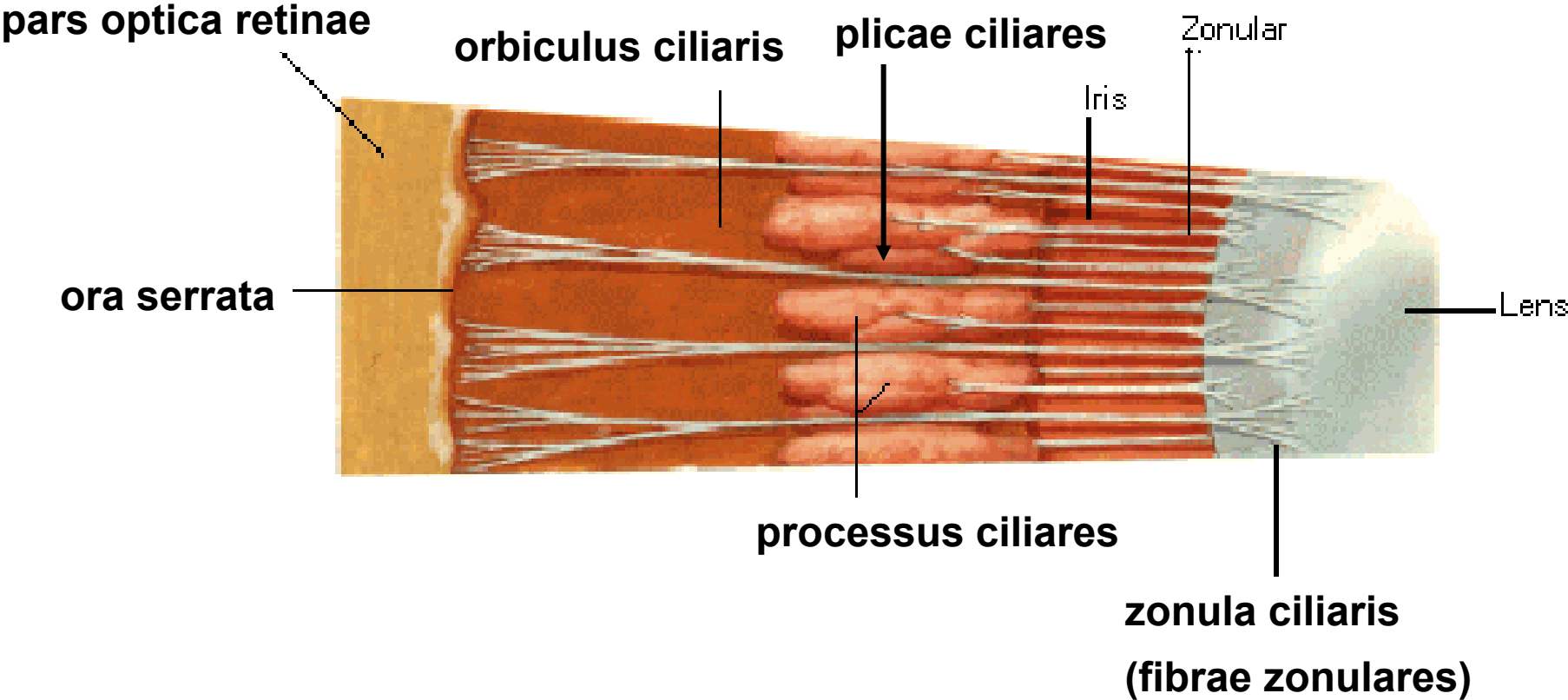
processus ciliares }
plicae ciliares } **corona ciliaris**

orbiculus ciliaris

fibrae zonulares **zonula ciliaris**



CORPUS CILIARE



IRIS (DUHOVKA)

margo pupillaris

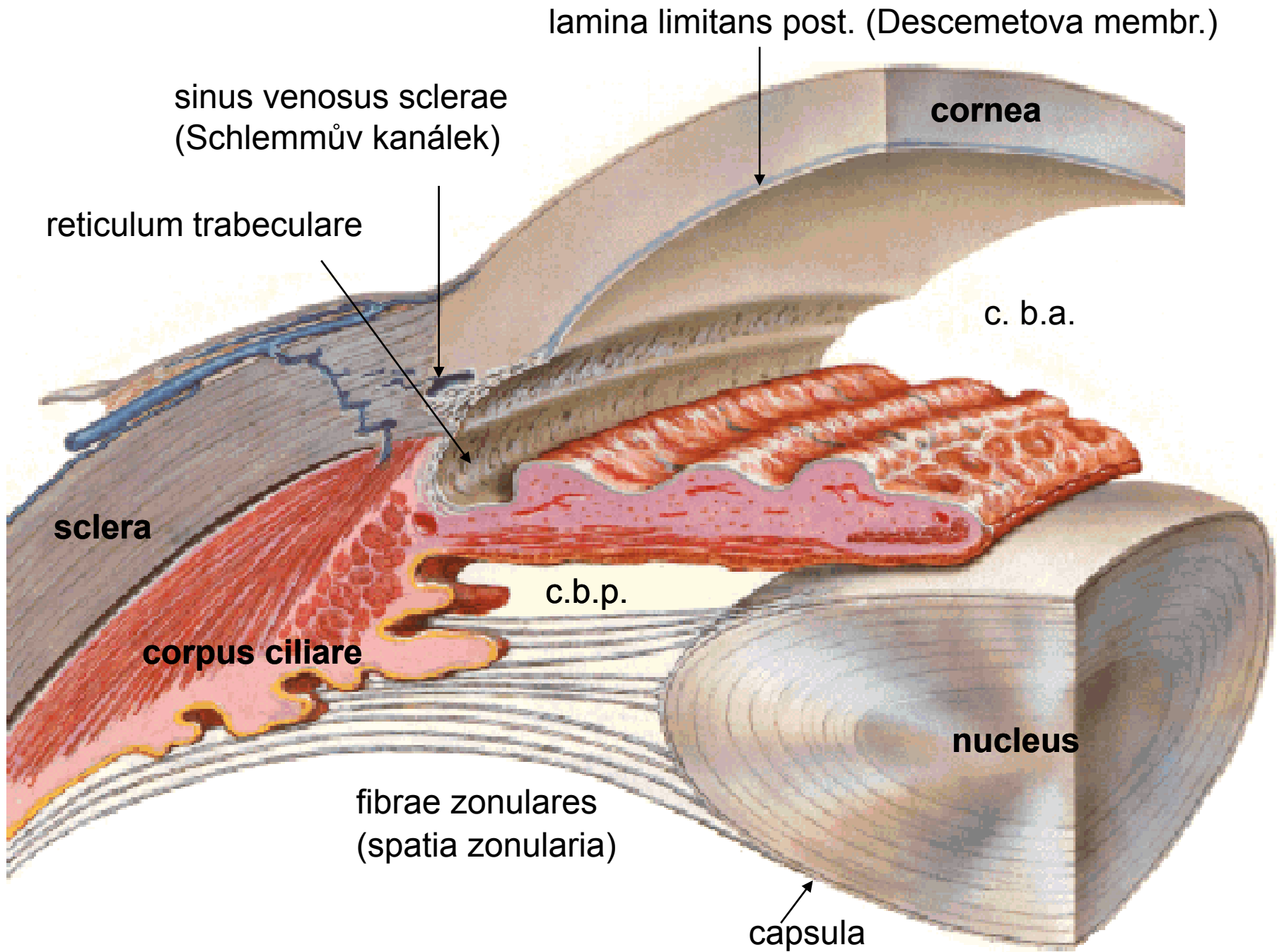
margo ciliaris

facies anterior et posterior iridis

m. sphincter pupillae - parasymptikus - miosis

m. dilatator pupillae – symptikus - mydriasis

angulus iridocornealis → reticulum trabeculare



lamina limitans post. (Descemetova membr.)

sinus venosus sclerae
(Schlemmův kanálek)

cornea

reticulum trabeculare

c. b.a.

sclera

c.b.p.

corpus ciliare

nucleus

fibrae zonulares
(spatia zonularia)

capsula

TUNICA INTERNA BULBI *RETINA*

pars optica retinae

pars caeca retinae (pars ciliaris retinae, pars iridica retinae)

ora serrata

pars optica retinae

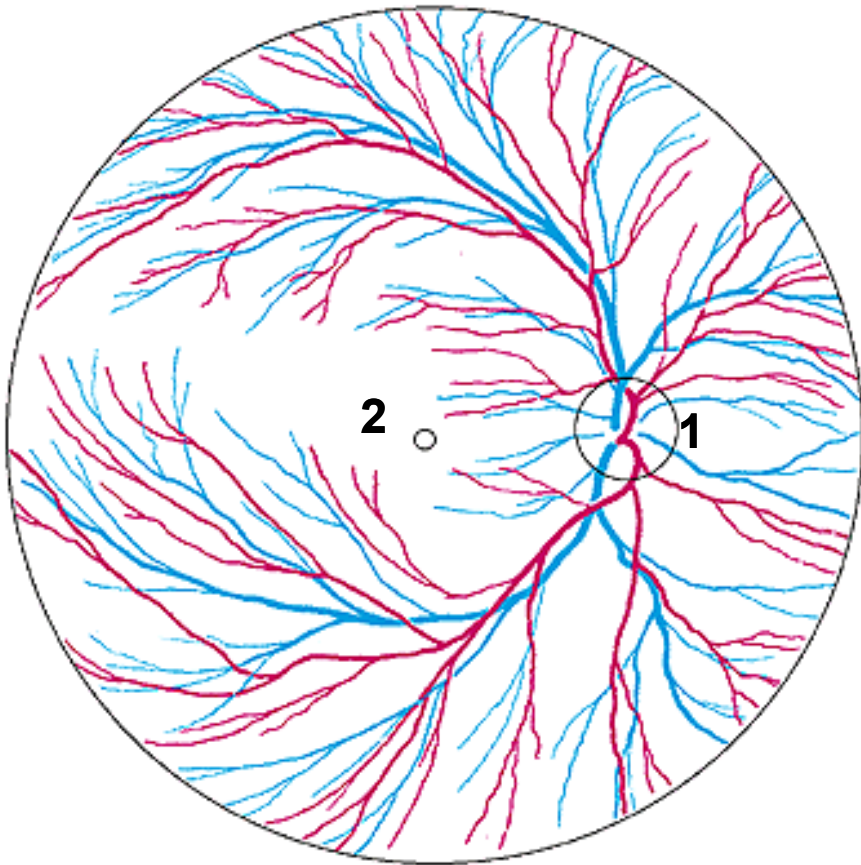
stratum pigmenti retinae

stratum neuroepitheliale (vrstva tyčinek a čípků)

stratum ganglionare retinae

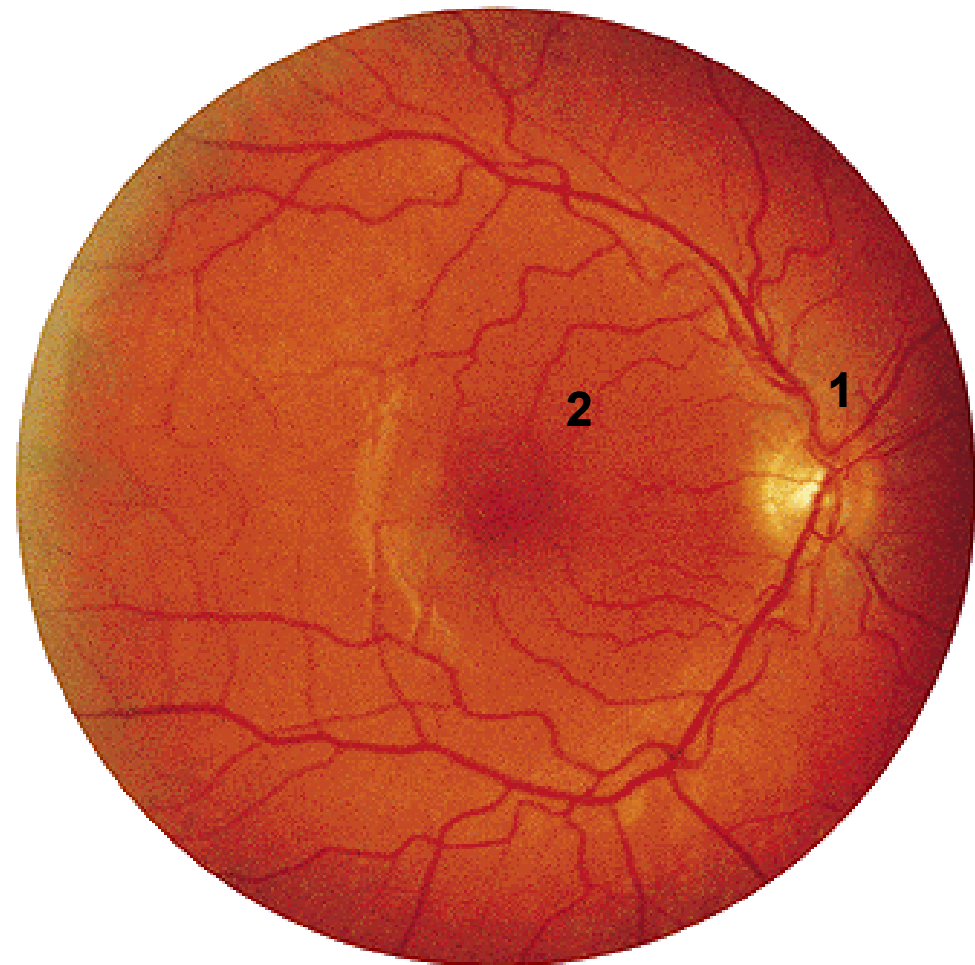
stratum ganglionare nervi optici

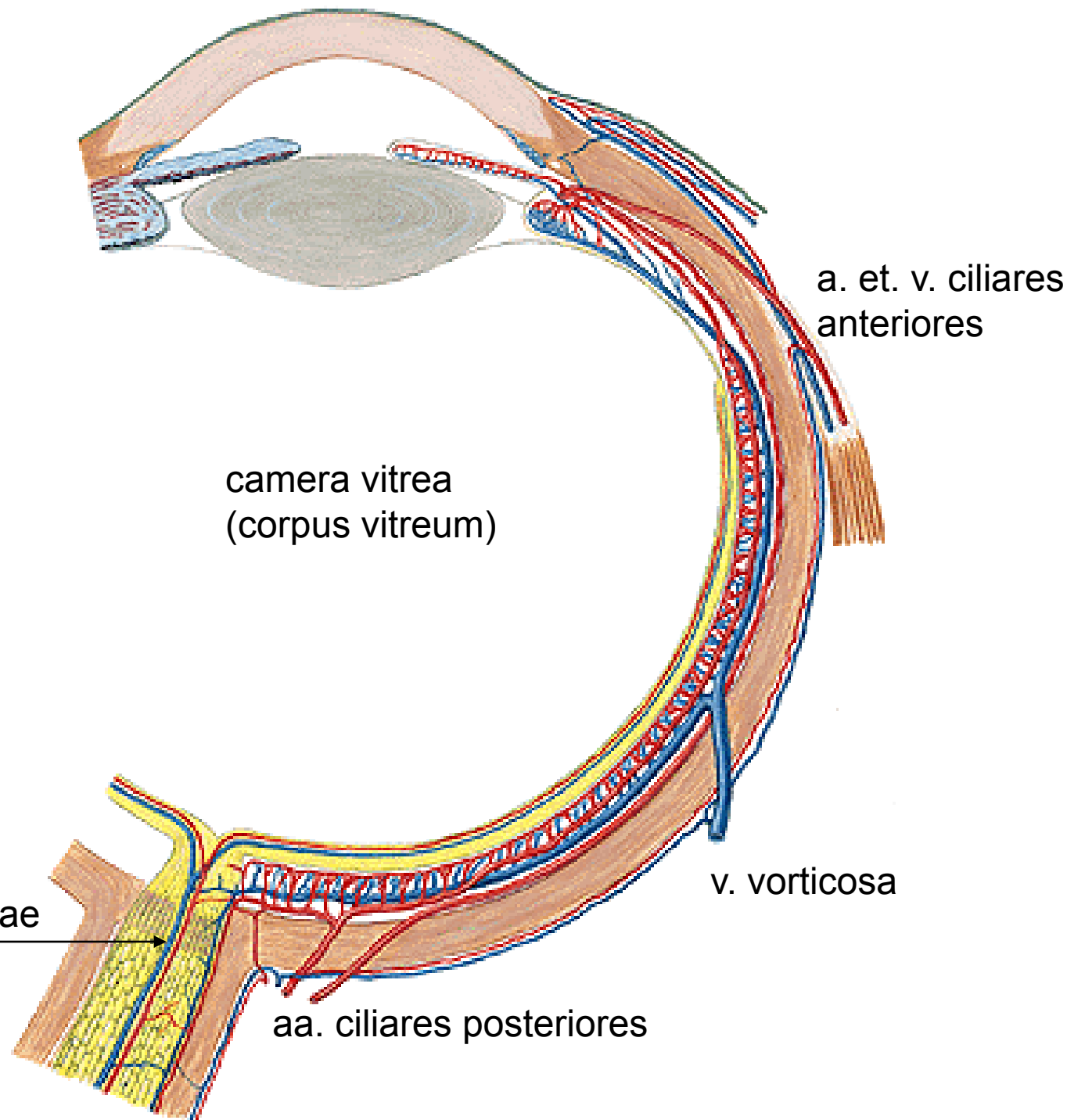
větve
a. et v. centralis retinae



1. discus nervi optici - excavatio disci

2. macula lutea - fovea centralis





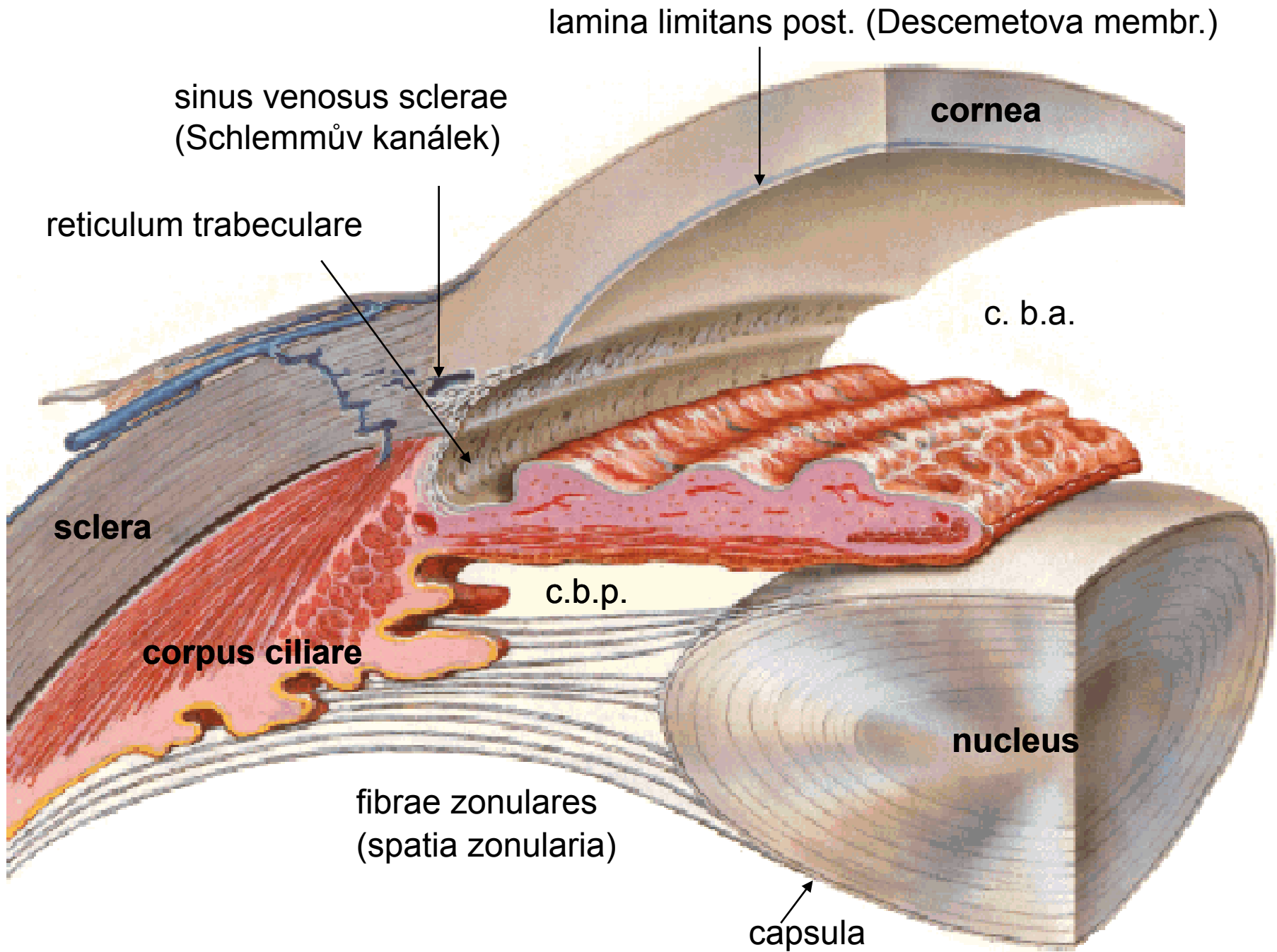
a. et. v. ciliares anteriores

camera vitrea
(corpus vitreum)

v. vorticosa

a. et v. centralis retinae

aa. ciliares posteriores



lamina limitans post. (Descemetova membr.)

sinus venosus sclerae
(Schlemmův kanálek)

cornea

reticulum trabeculare

c. b.a.

sclera

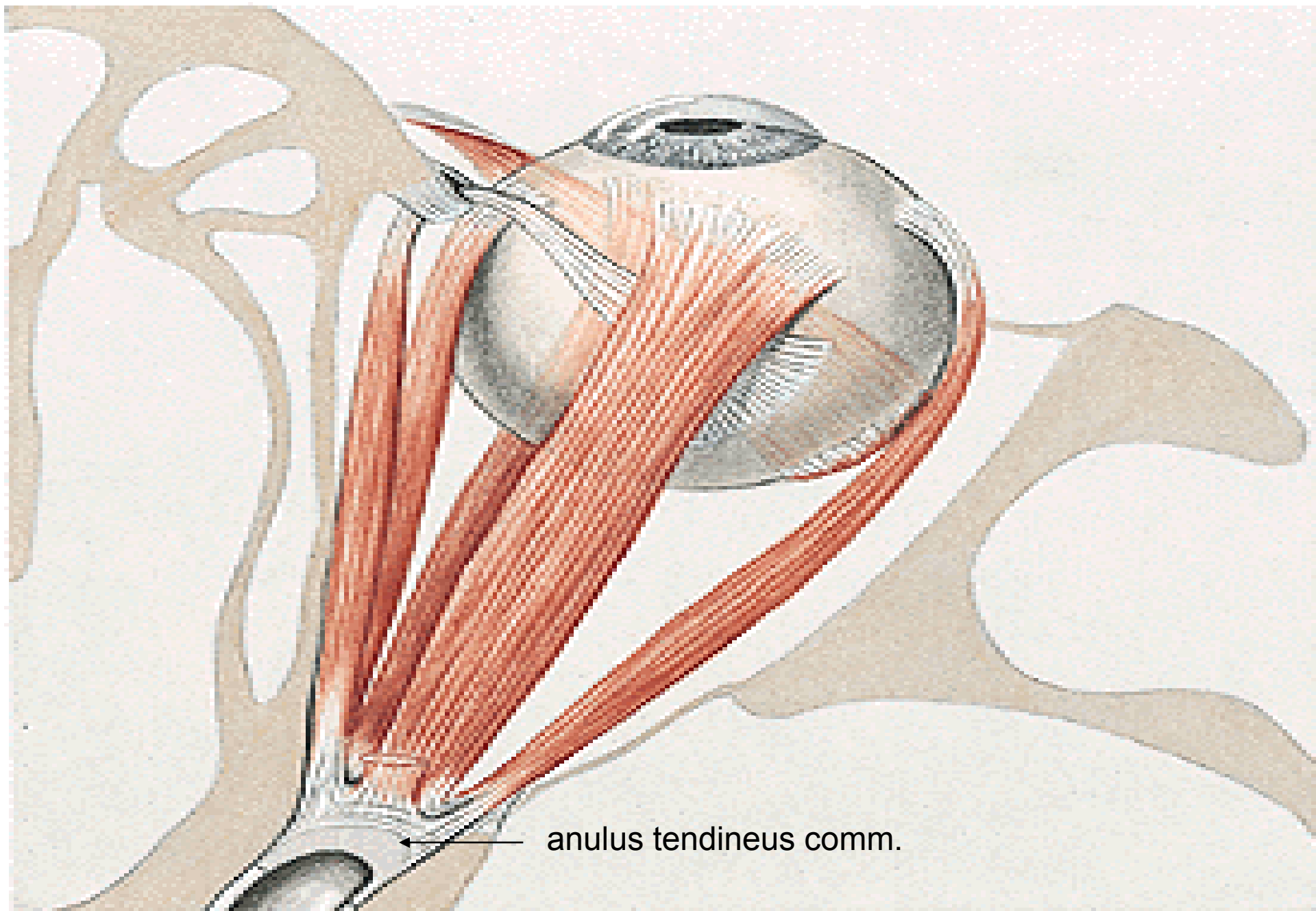
c.b.p.

corpus ciliare

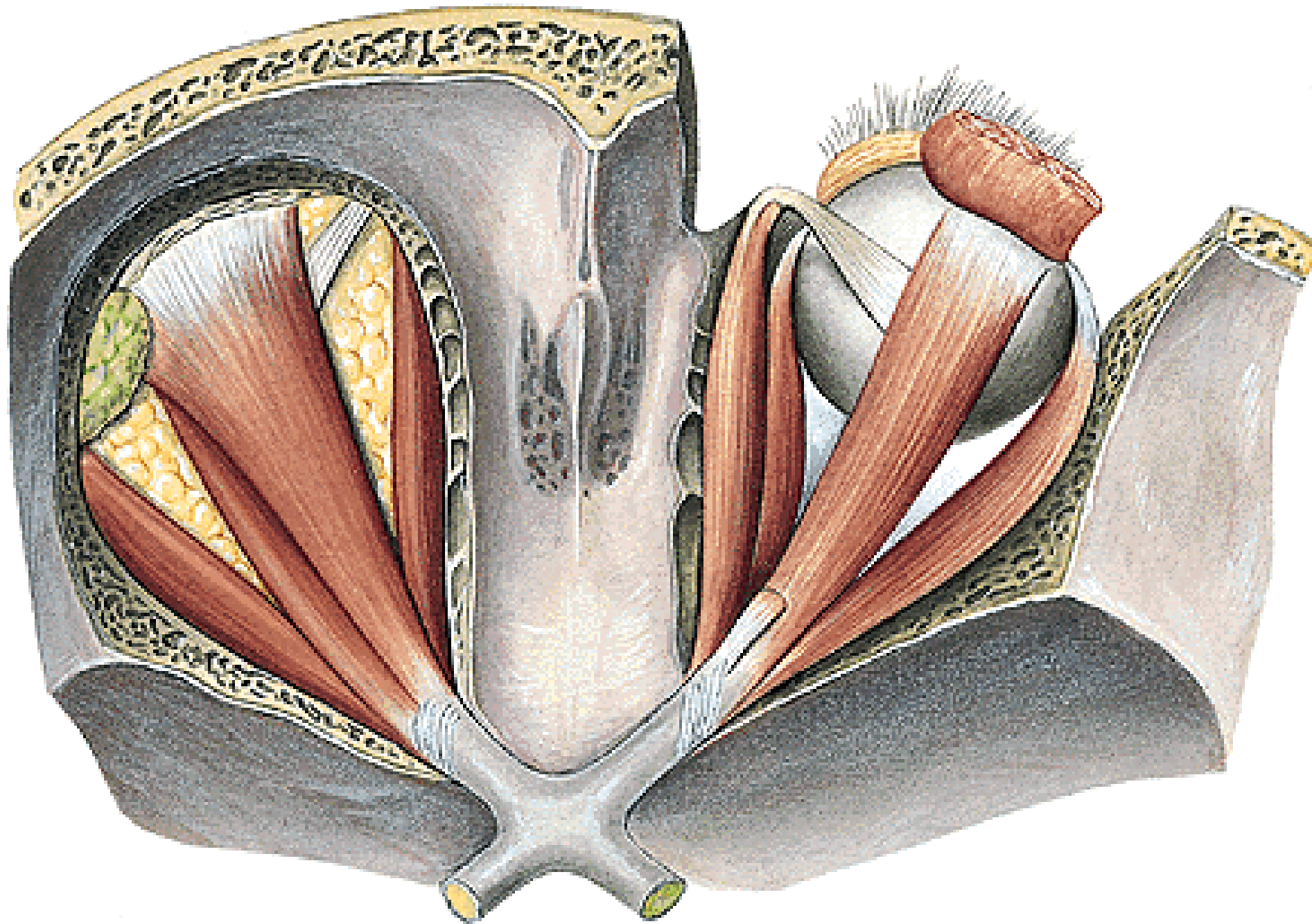
nucleus

fibrae zonulares
(spatia zonularia)

capsula

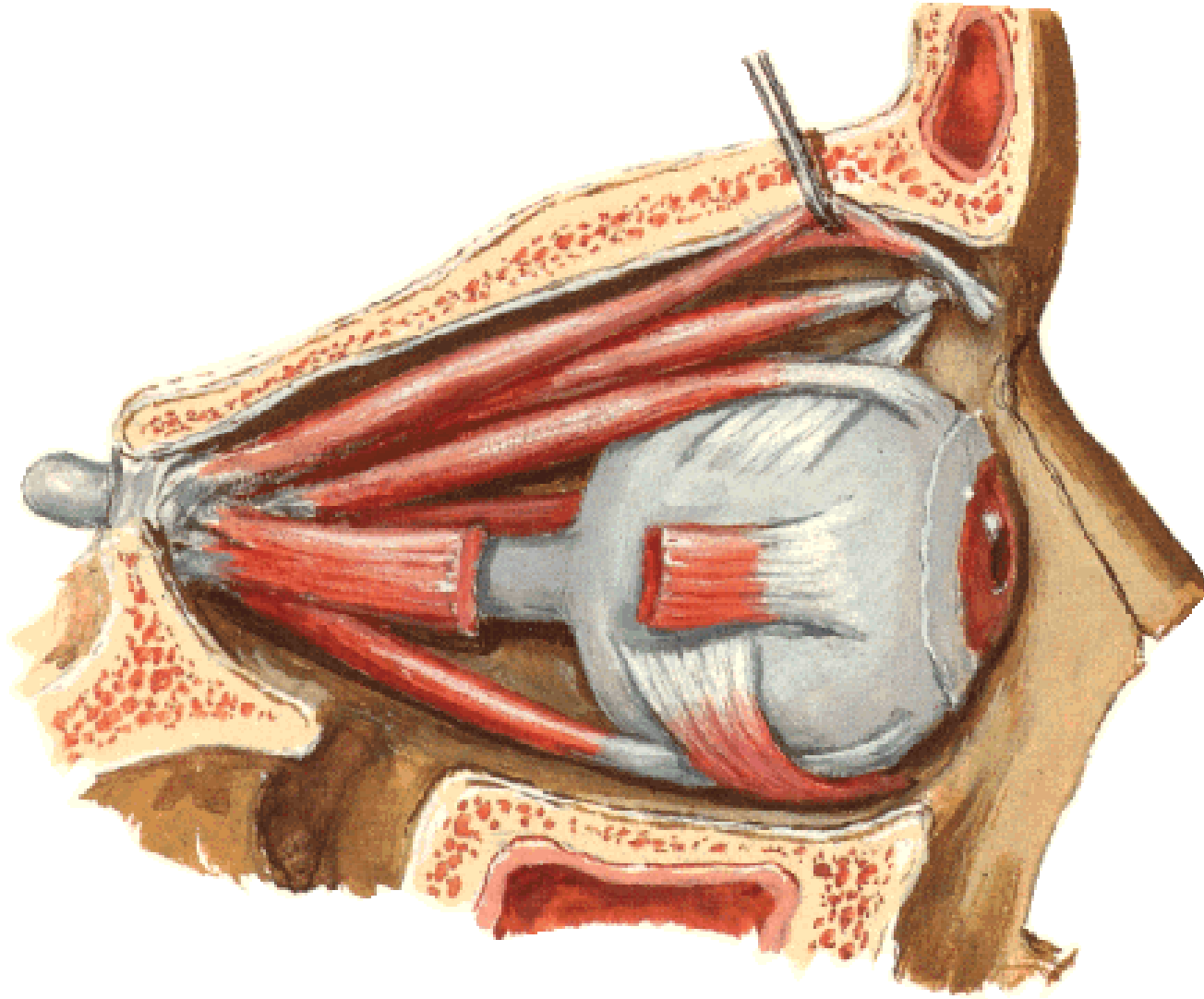


anulus tendineus comm.



Extrinsic Eye Muscles

Right Lateral View

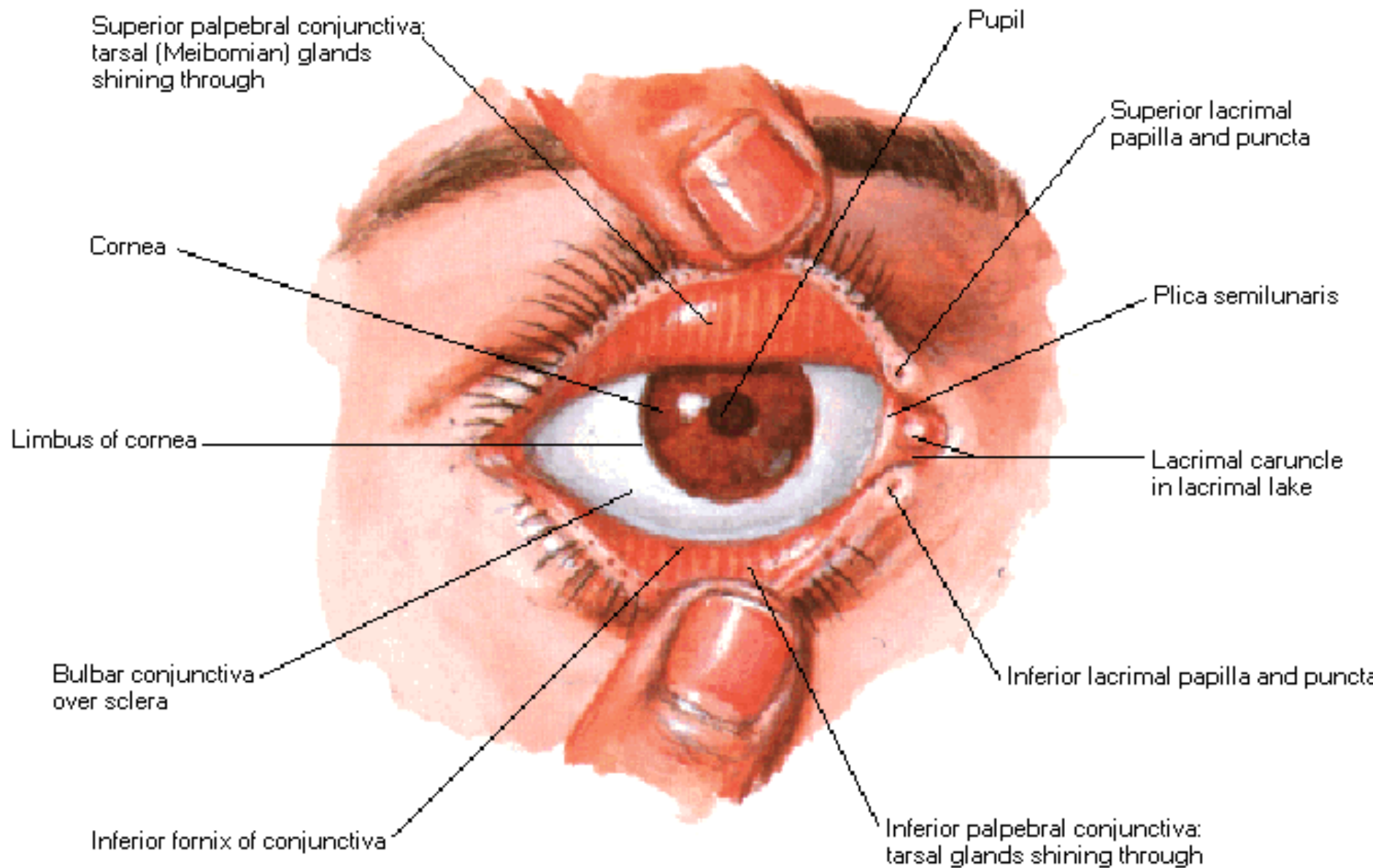


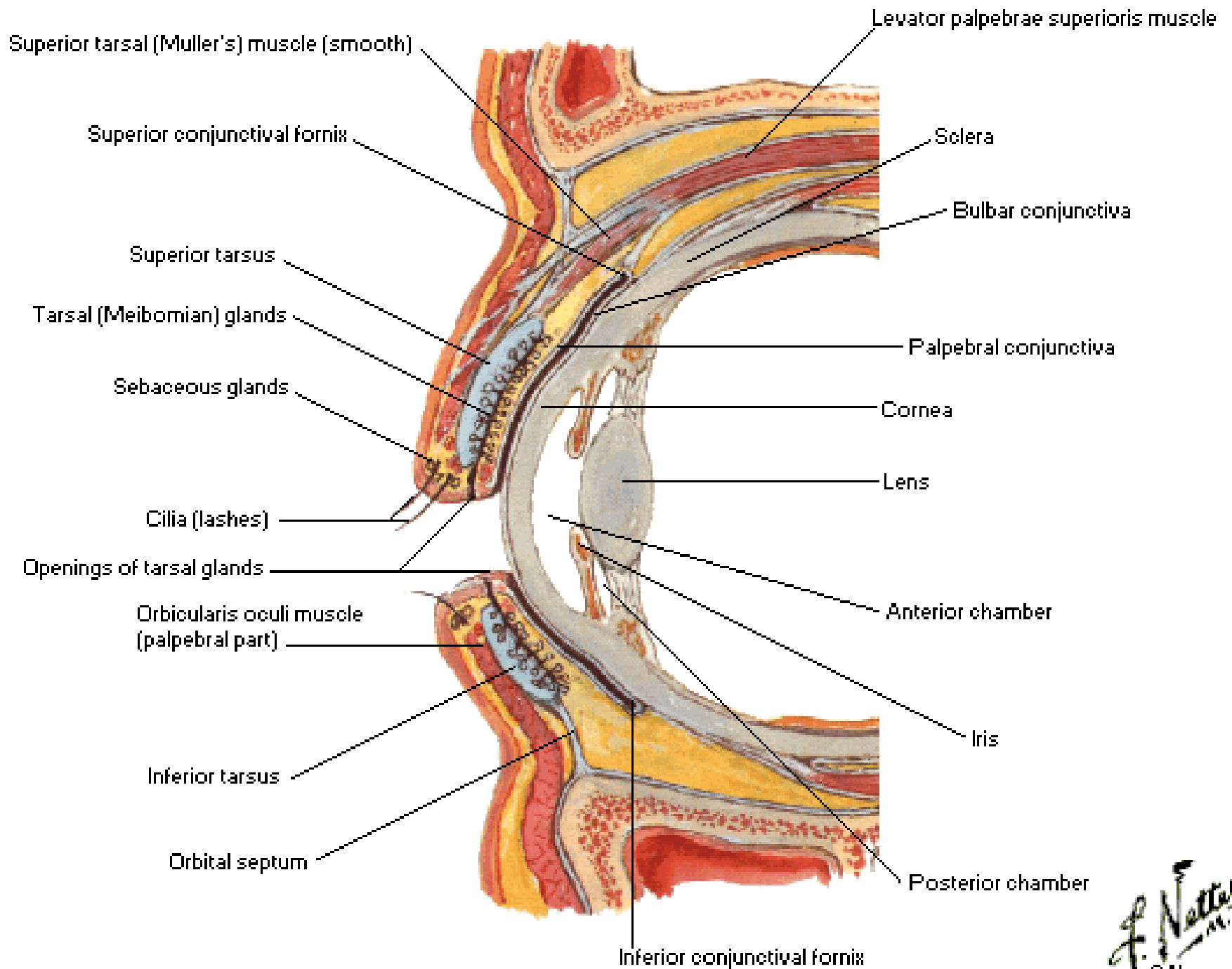
Tunica conjunctiva - spojivka

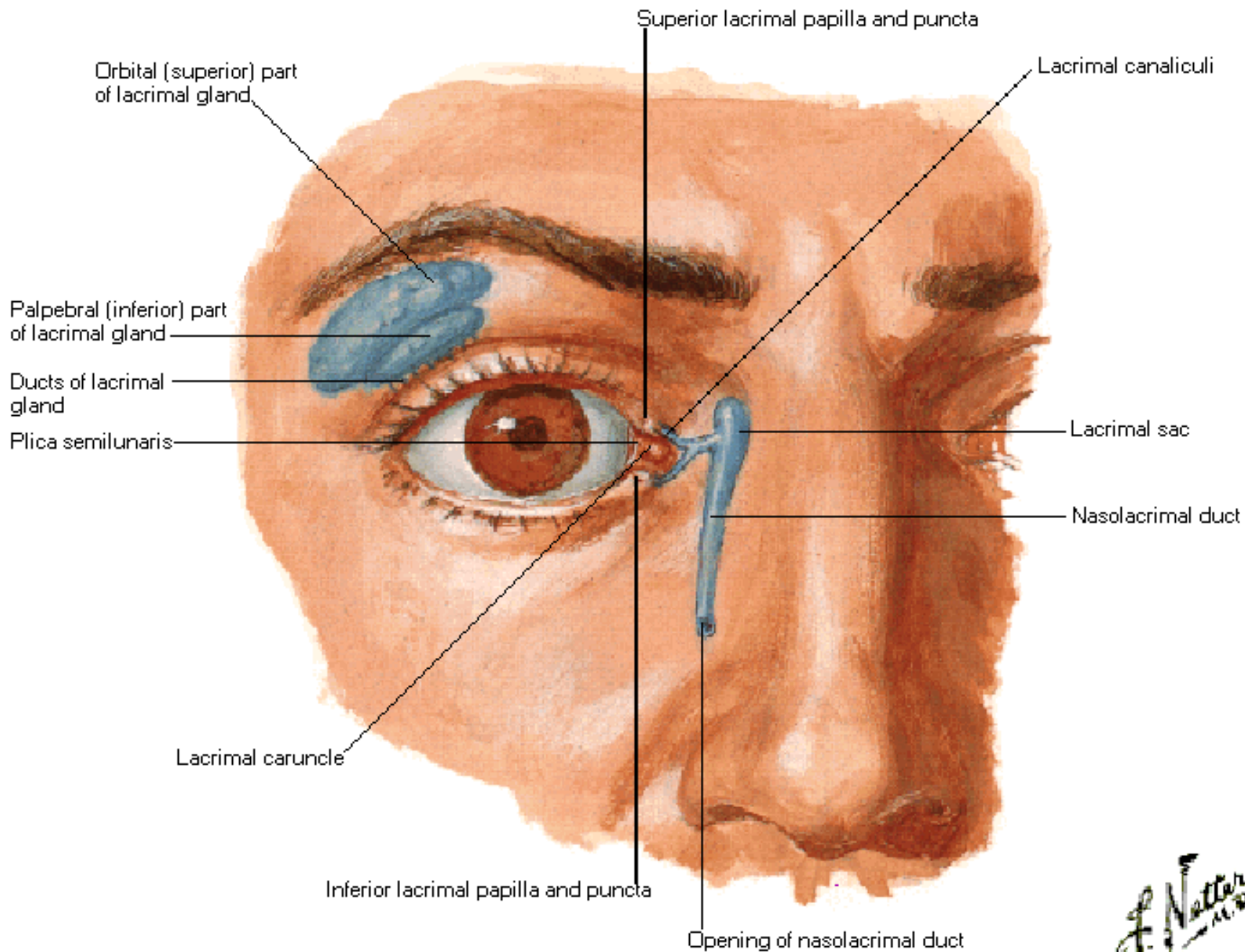
tunica conjunctiva bulbi et palpebrarum
fornix conjunctivae sup. et inf.

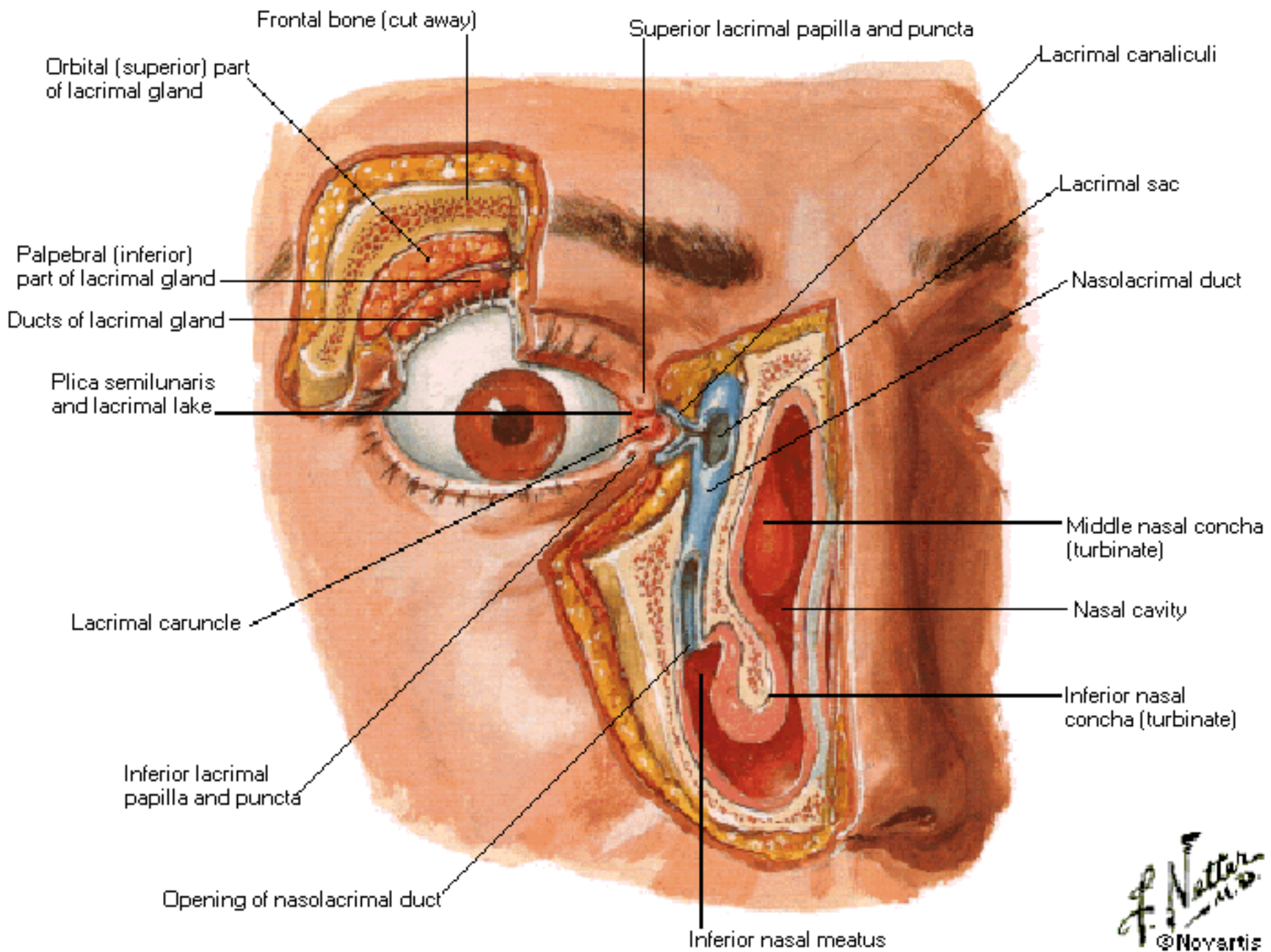
Palpebrae – oční víčka

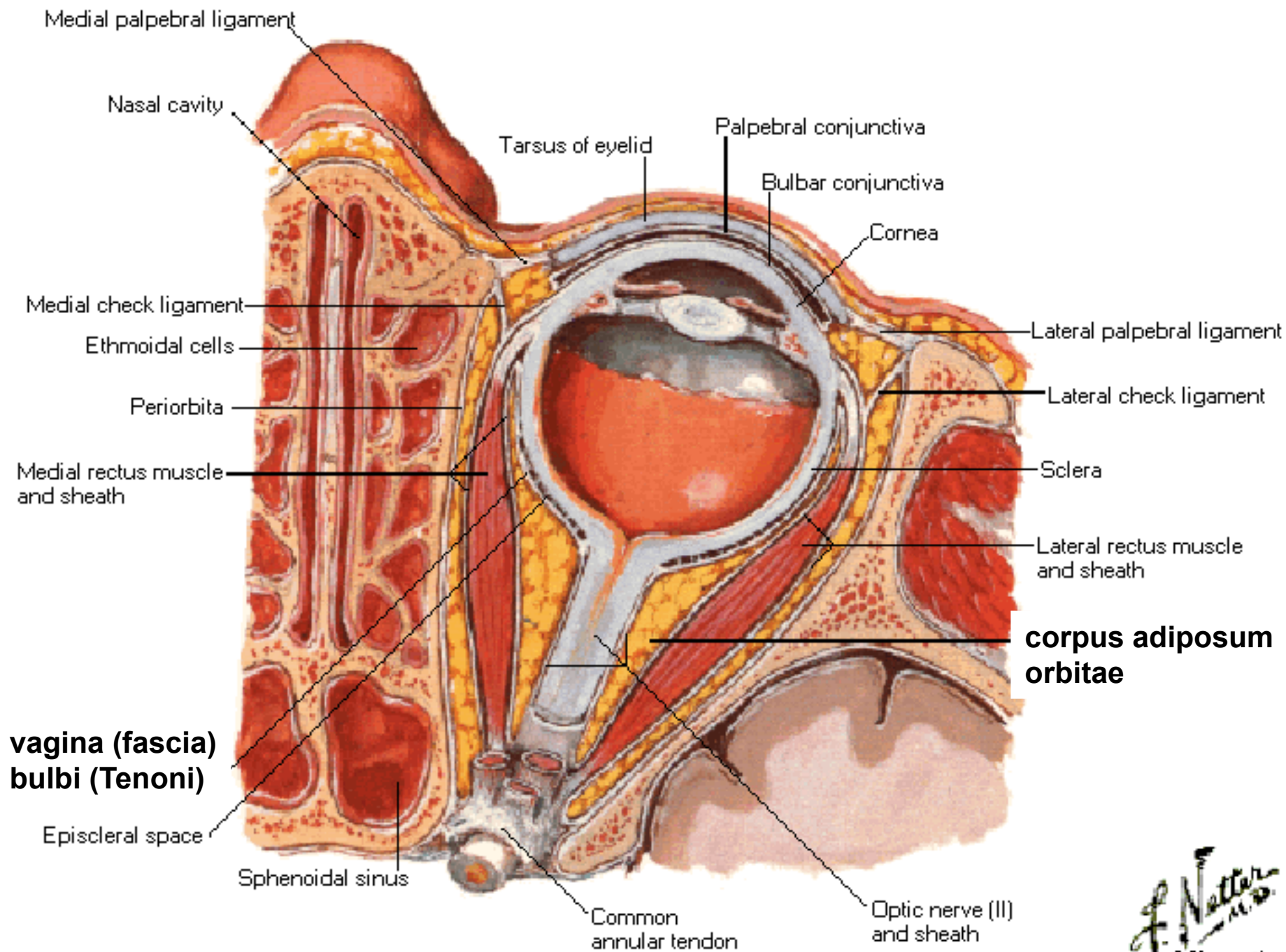
- tarsus sup. et inf.
- lig. palpebrale med. et lat.
- rima palpebrarum
- rivus lacrimalis
- angulus oculi medialis et lateralis
- gll. tarsales (Meibomi) – vyústění na rima (mazové)
- gll. ciliares (Molli) – vázány na rima et cilie (apokrinní potní)
- gll. sebaceae (Zeisi) – vázány na cilie (holokrinní mazové) - hordeolum

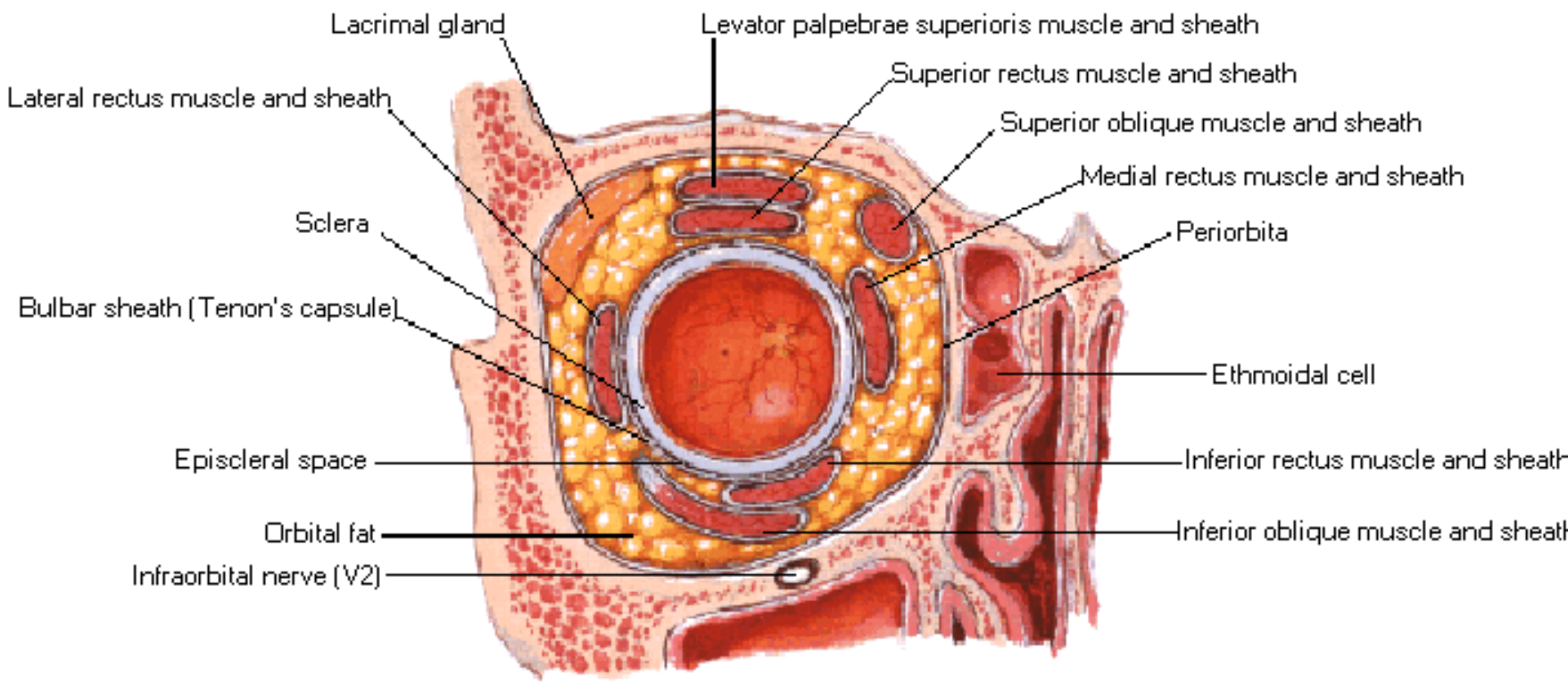




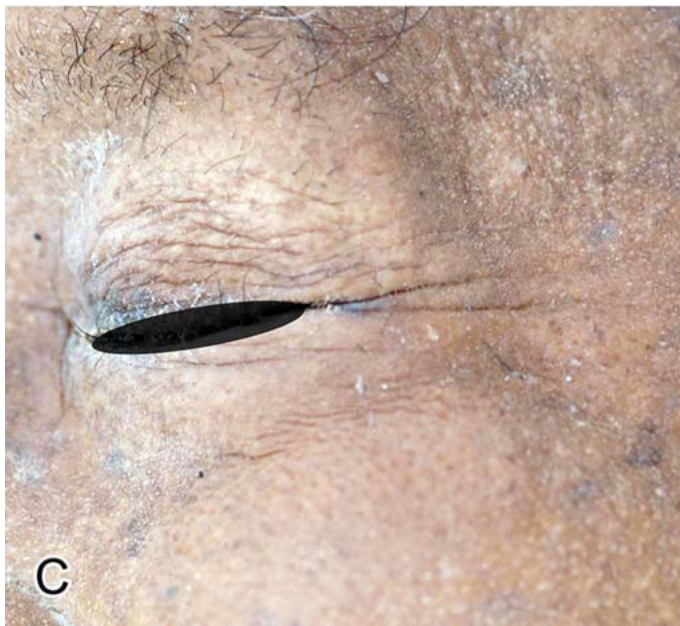
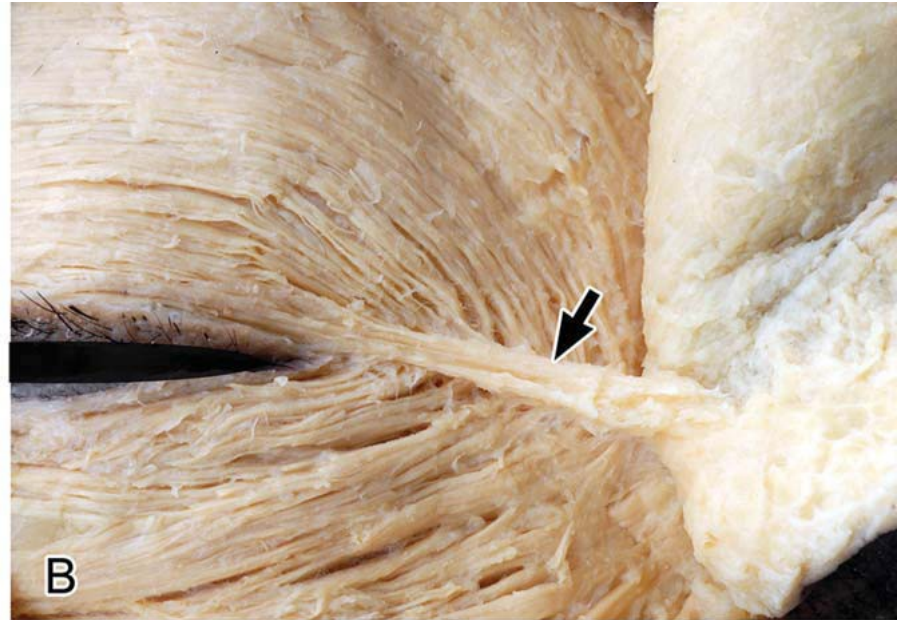
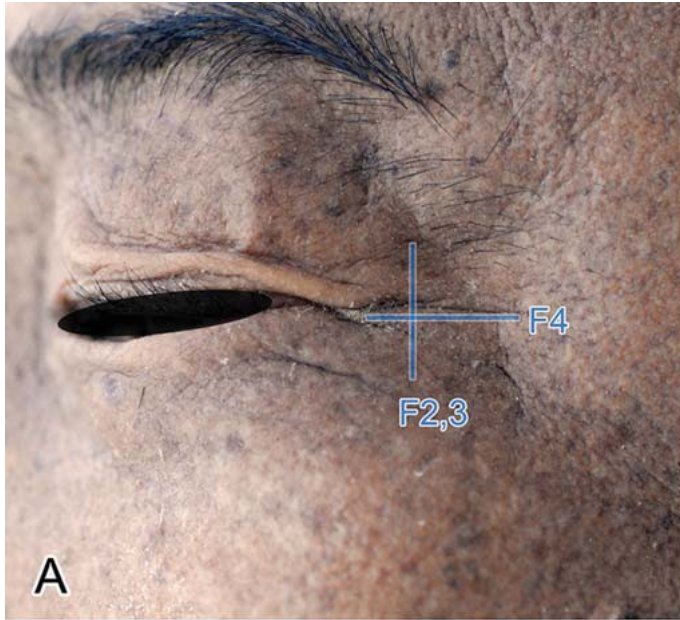








Lateral canthal muscle



Lateral canthal muscle

