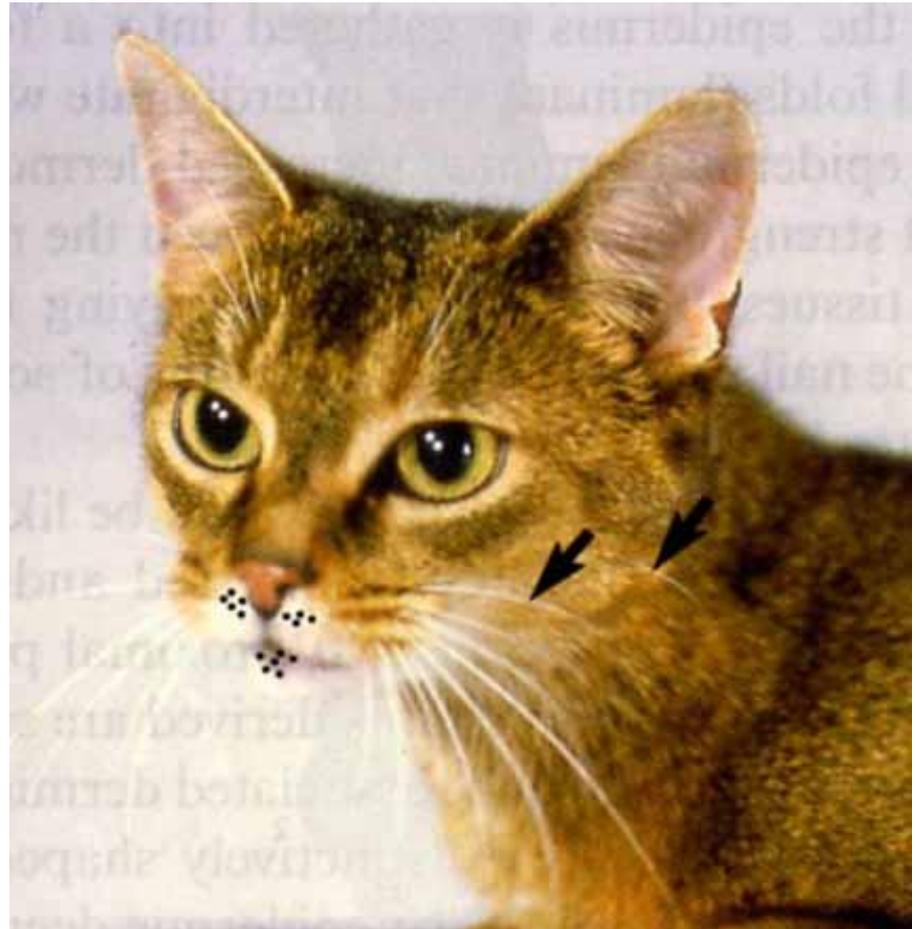


Tegumento comum

Pele, pelos e glândulas cutâneas (sebáceas e sudoríparas)

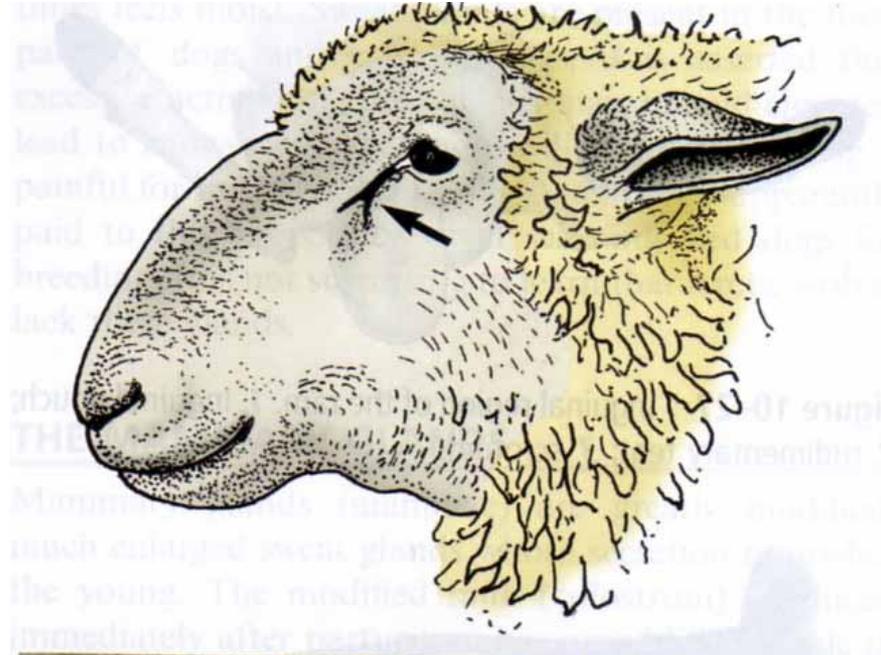
Pelos táteis

**Glândulas
circum-orais**



Tegumento comum

Glândulas da
bolsa infra-orbital



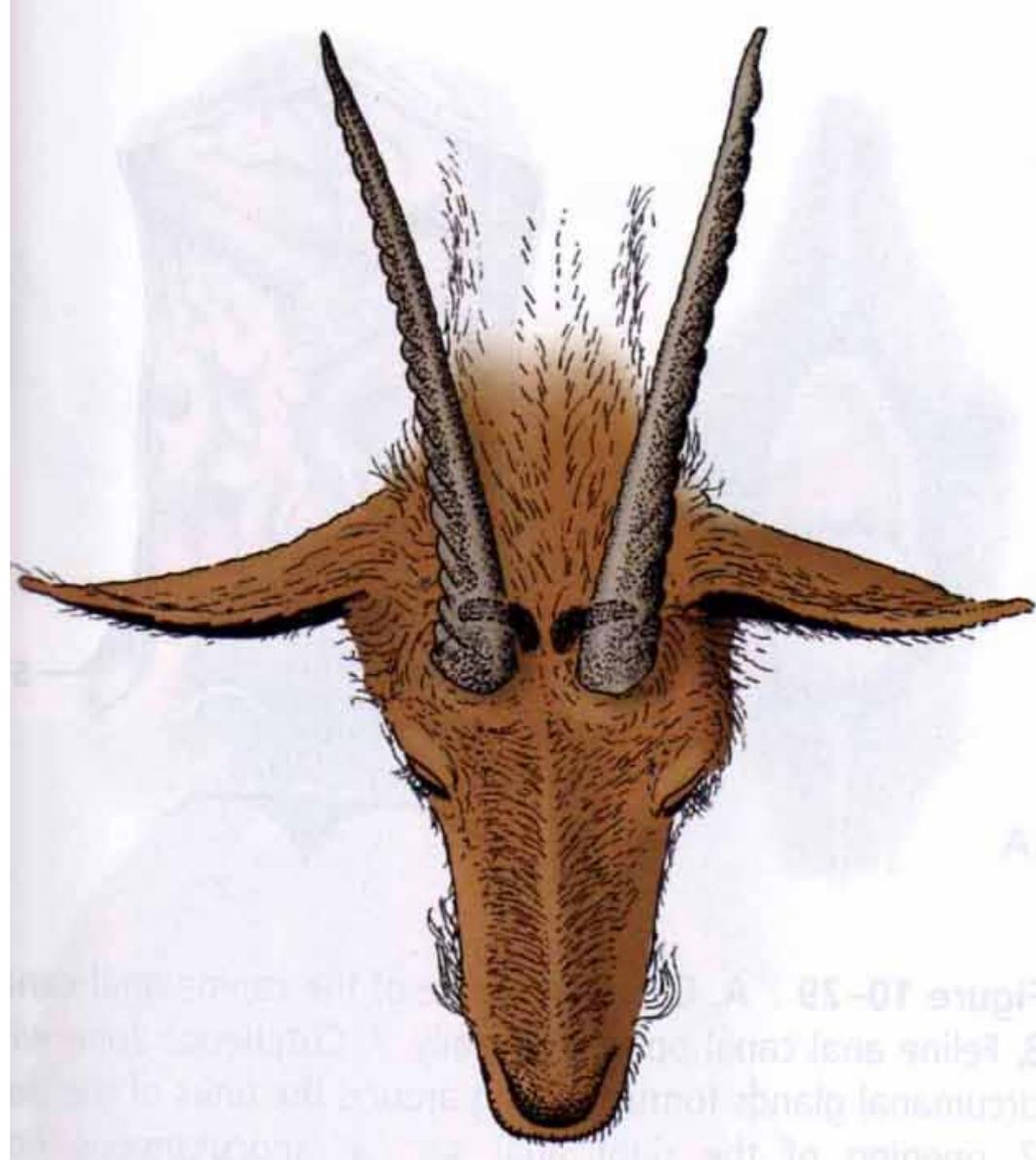
Tegumento comum

Glândulas cárpicas



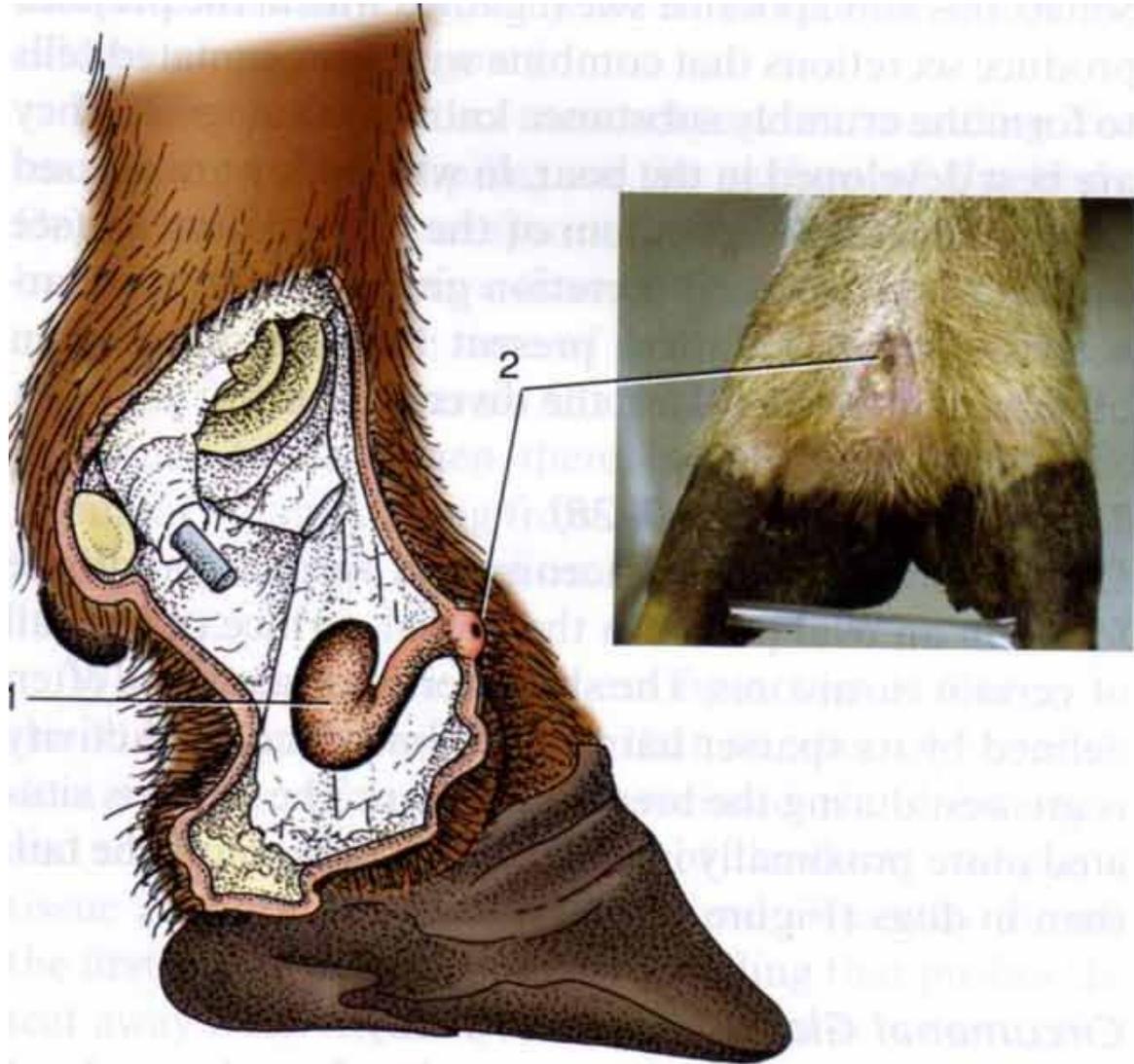
Tegumento comum

Glândulas
do chifre



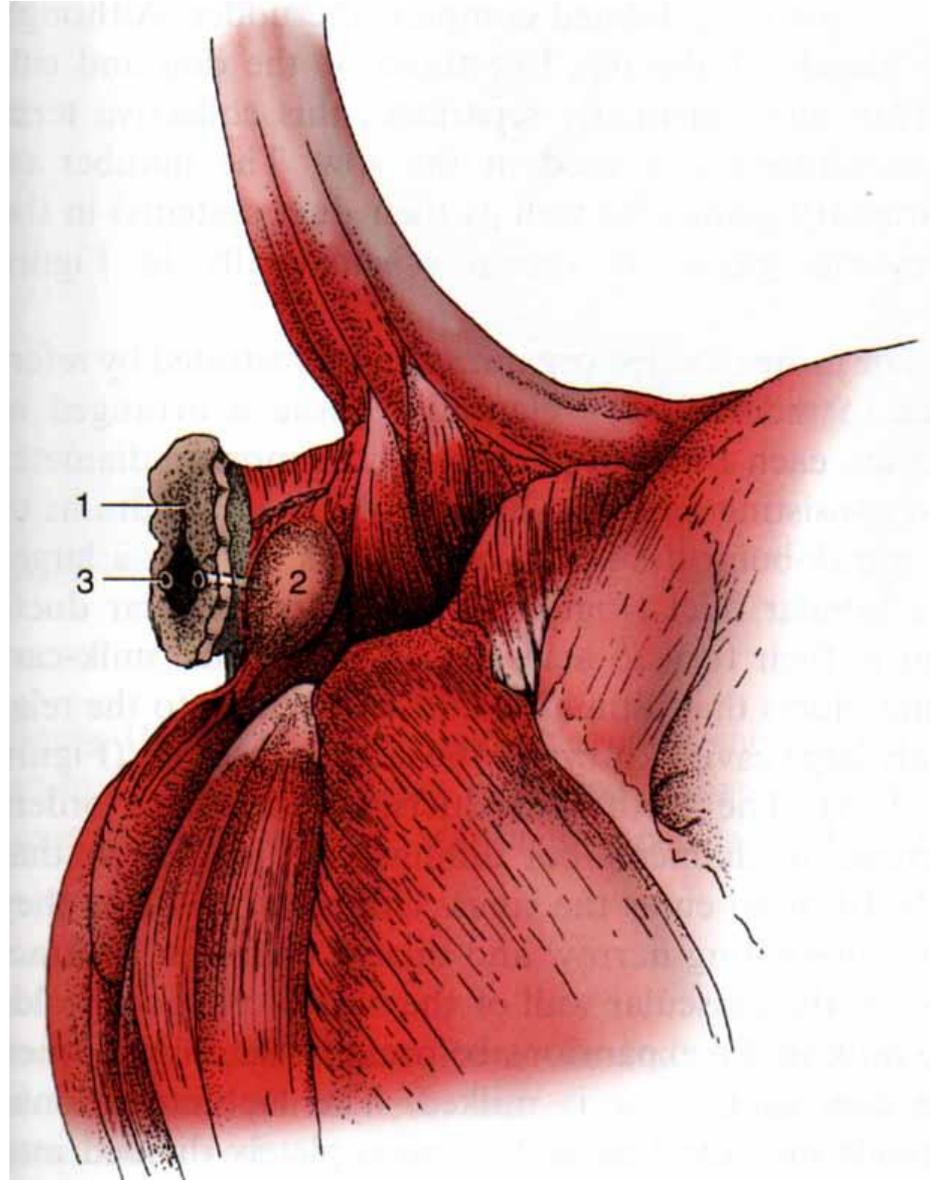
Tegumento comum

Glândulas da
bolsa interdigital



Tegumento comum

Glândulas do
saco anal



Tegumento comum

Coxins

Cárpico

Metacárpico/Metatársico

Digitais



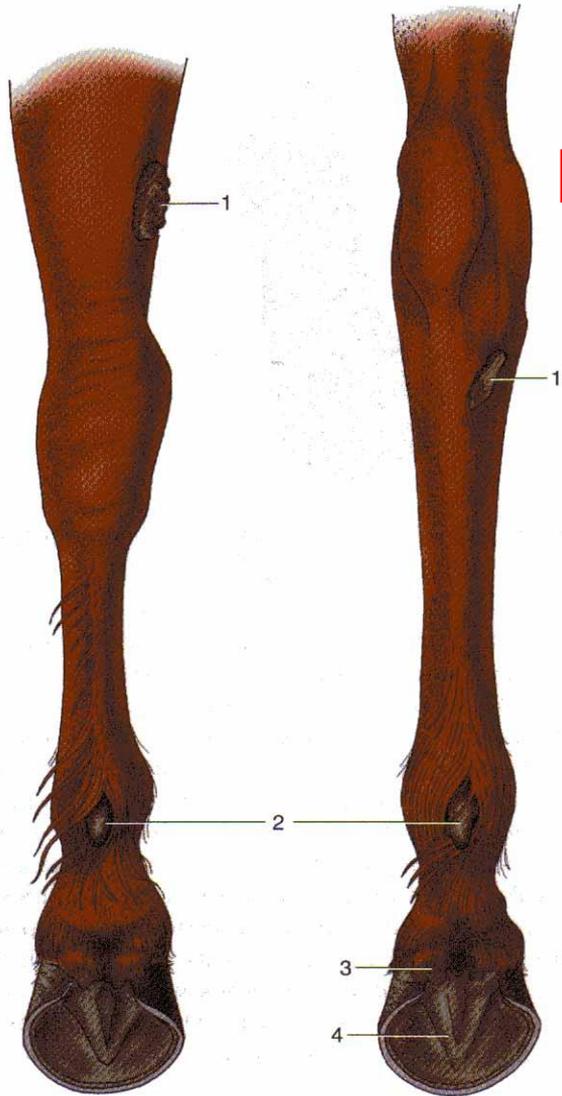
Tegumento comum

Coxins

Cárpico/Társico

Metacárpico/Metatársico

Digital

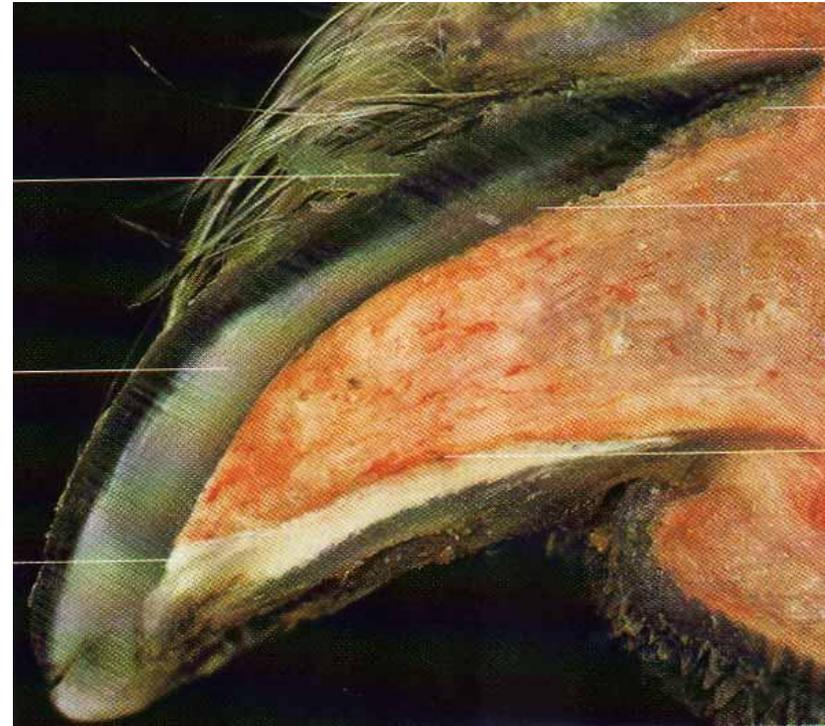


Tegumento comum



Unha

Cório



Tegumento comum

Chifre



Cório



Tegumento comum

Parede

Face externa

Face interna (lamelas)

Borda solear

Borda coronária

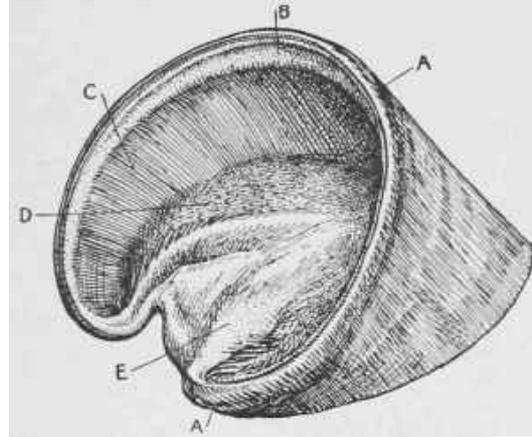
Sulco coronal

Pinça

Quartos

Talões

Barras



Tegumento comum

Sola

Face externa

Face interna

Ranilha

Base

Ápice

Sulco

Crista



Tegumento comum



Córios

coronal
lamelar
da sola
da ranilha
periooplo

Tegumento comum

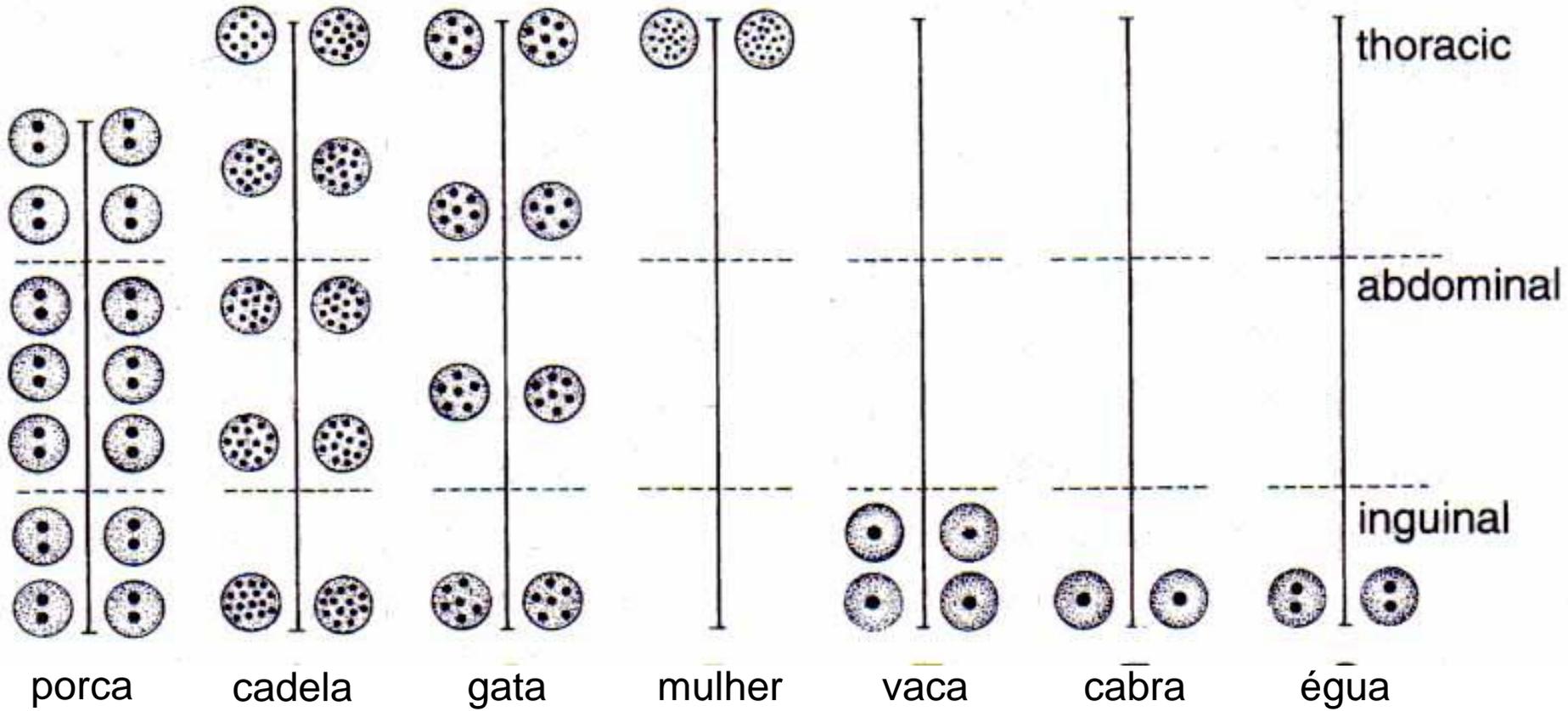
Casco suíno e bovino

Dedo rudimentar

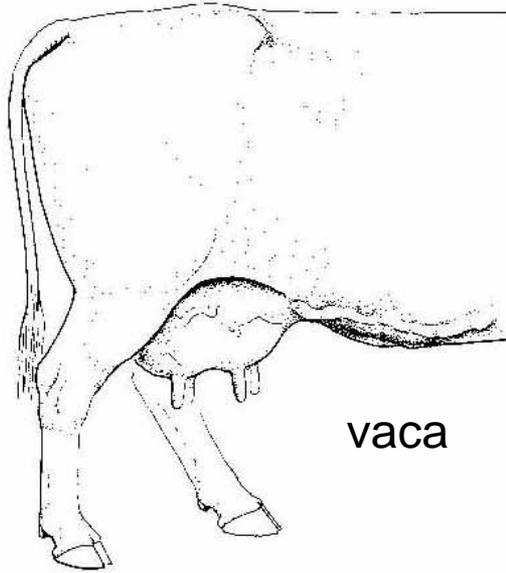
Coxim digital



Glândula mamária



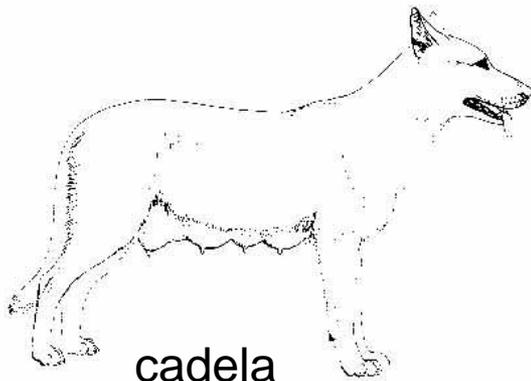
Glândula mamária



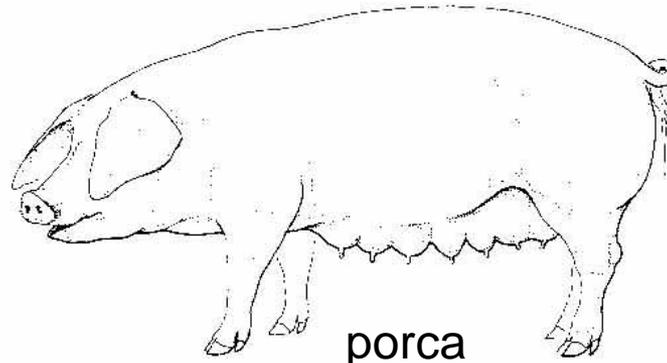
vaca



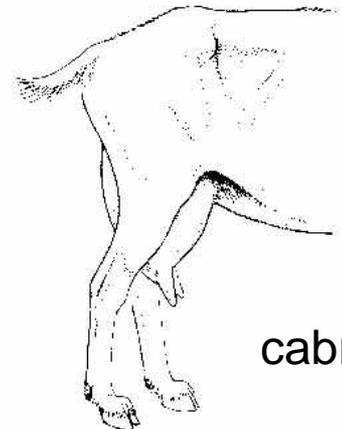
égua



cadela

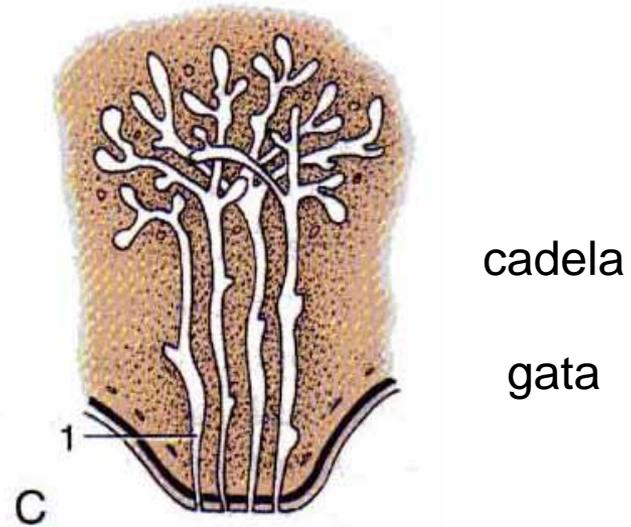
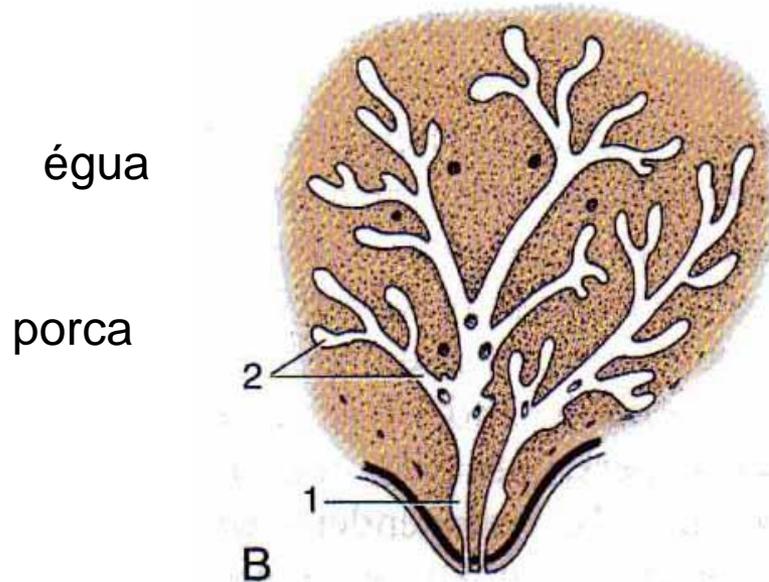
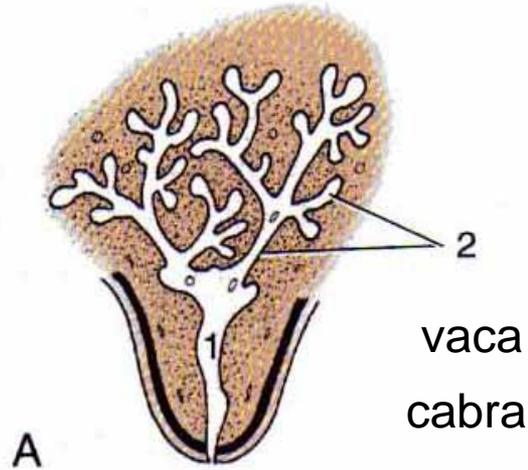


porca



cabra

Glândula mamária



Glândula mamária

Úbere

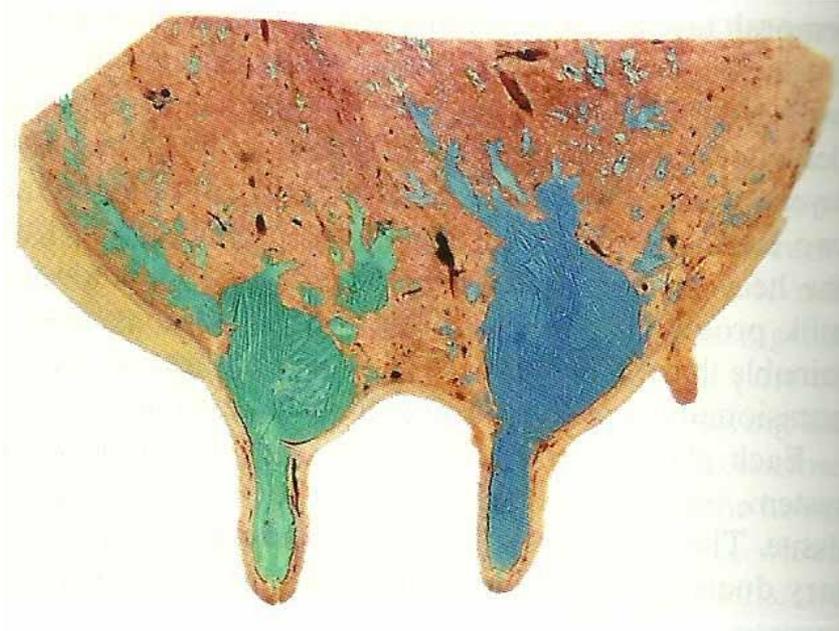
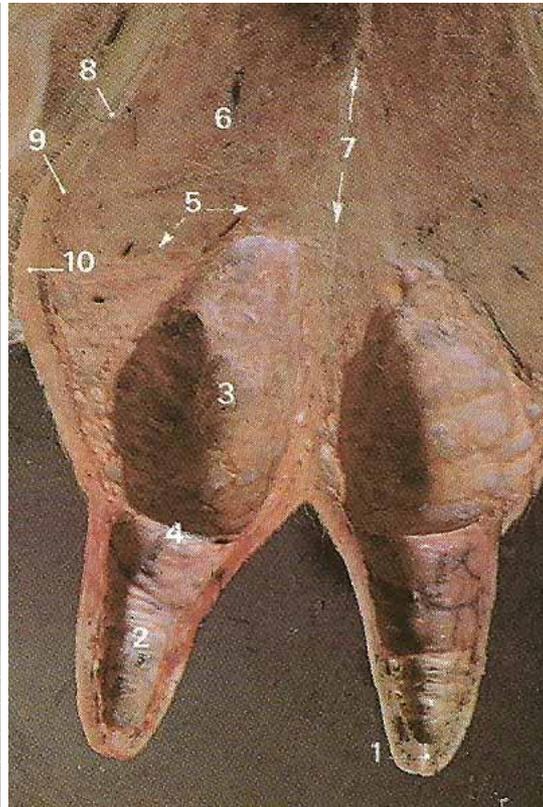
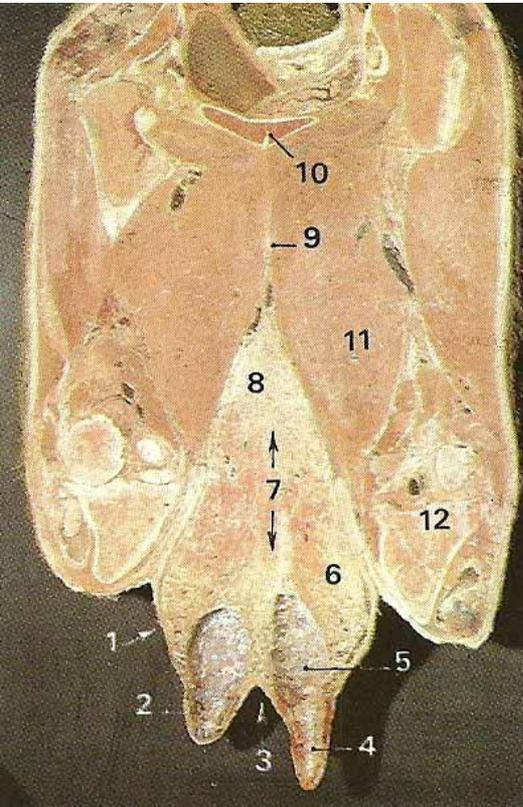
Sulco intermamário



Úbere

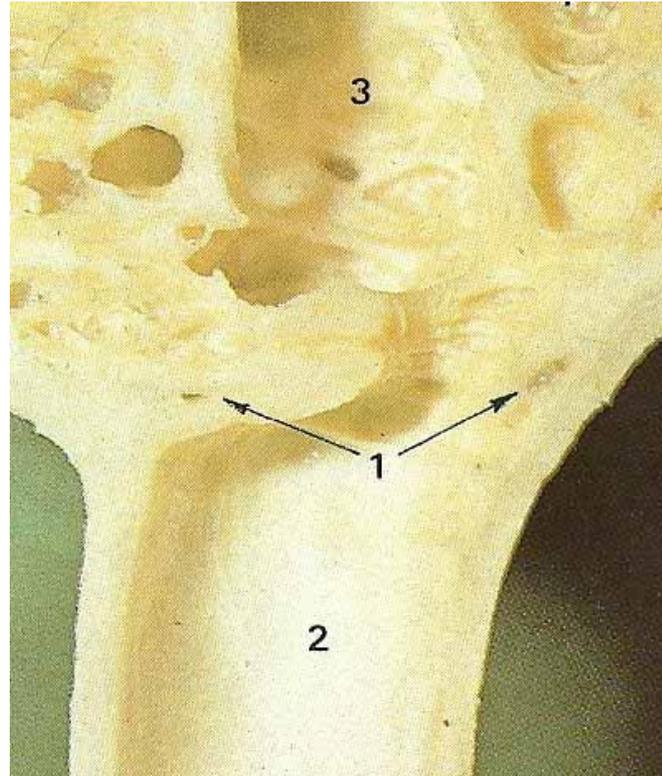
Glândulas túbulo-alveolares → Ductos lactíferos

Seio lactífero (parte glândular e papilar)



Papila ou teta

Esfíncter

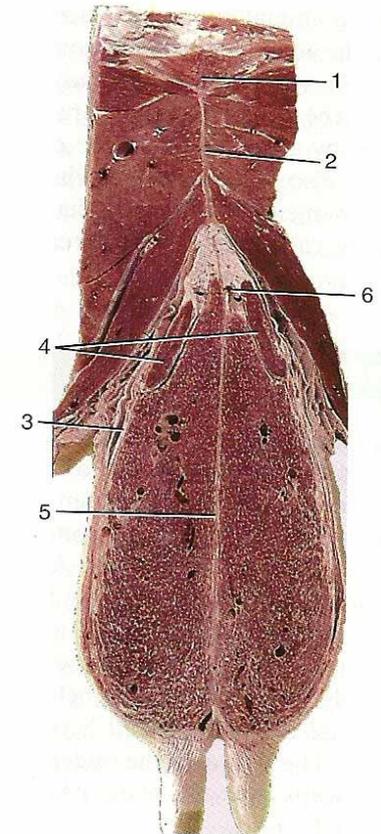
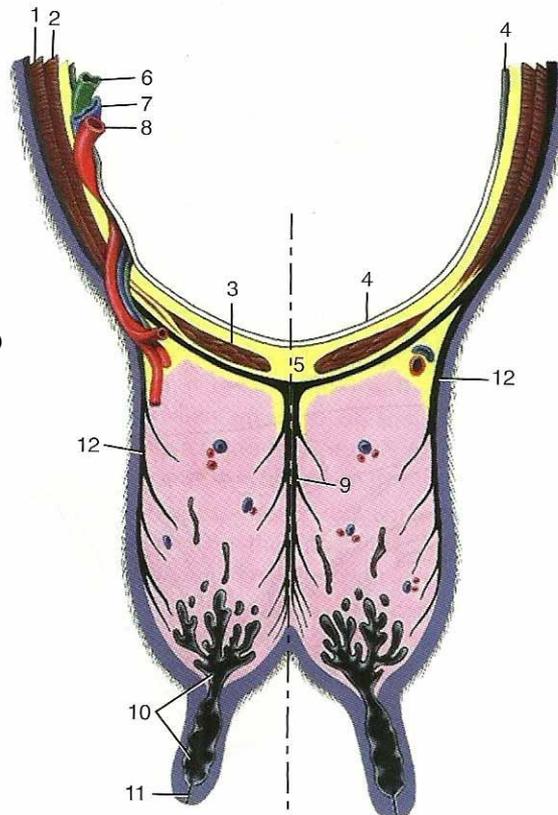


Aparelho suspensório

Lâmina medial – Sulco mamário mediano

Lâmina lateral – Fáscia femoral

Ambas as lâminas interdigitam no tecido glandular

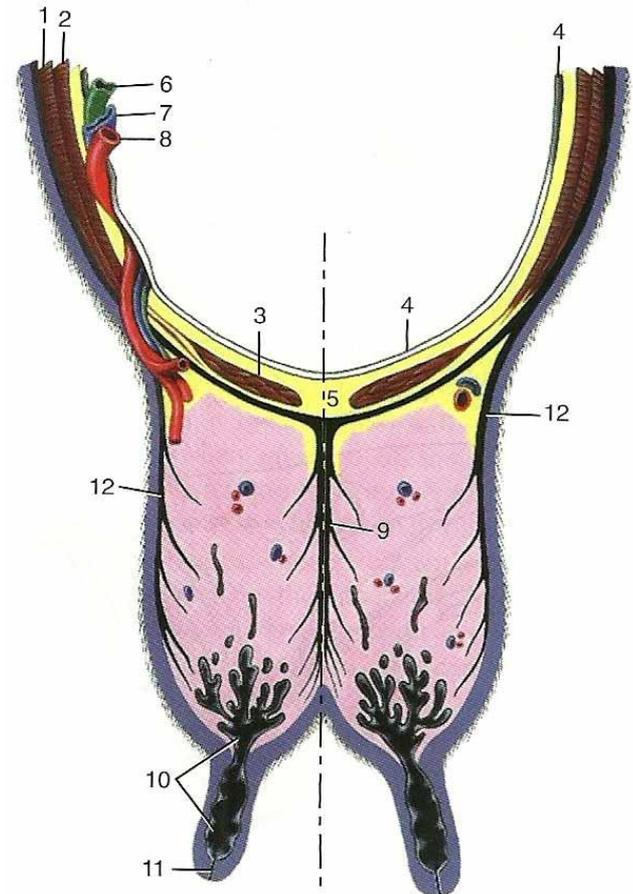
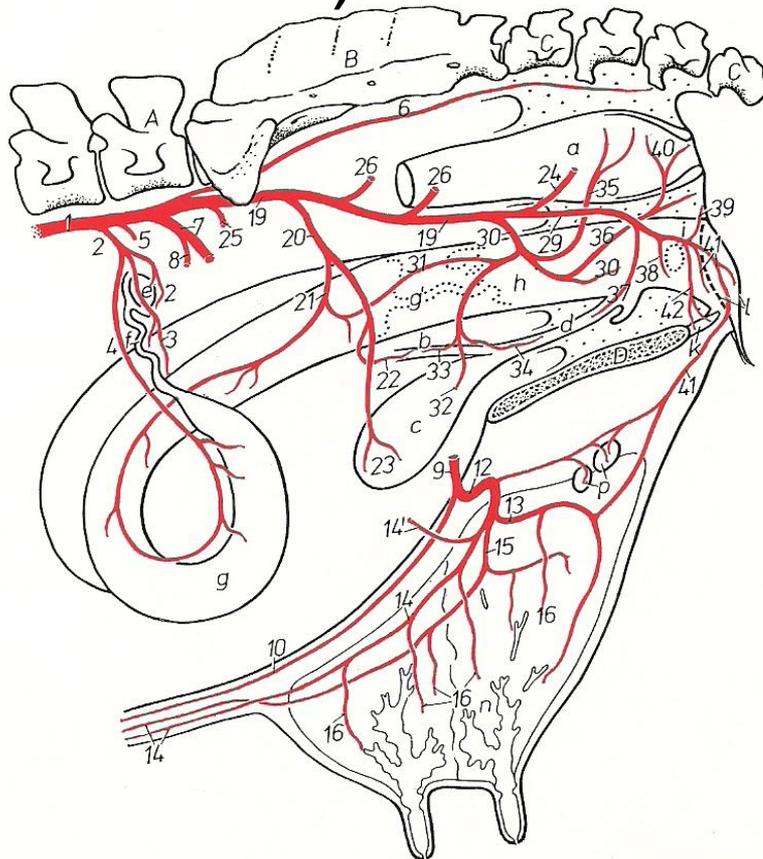




Vascularização

500 litros de sangue passam pela glândula para formar 1 litro de leite

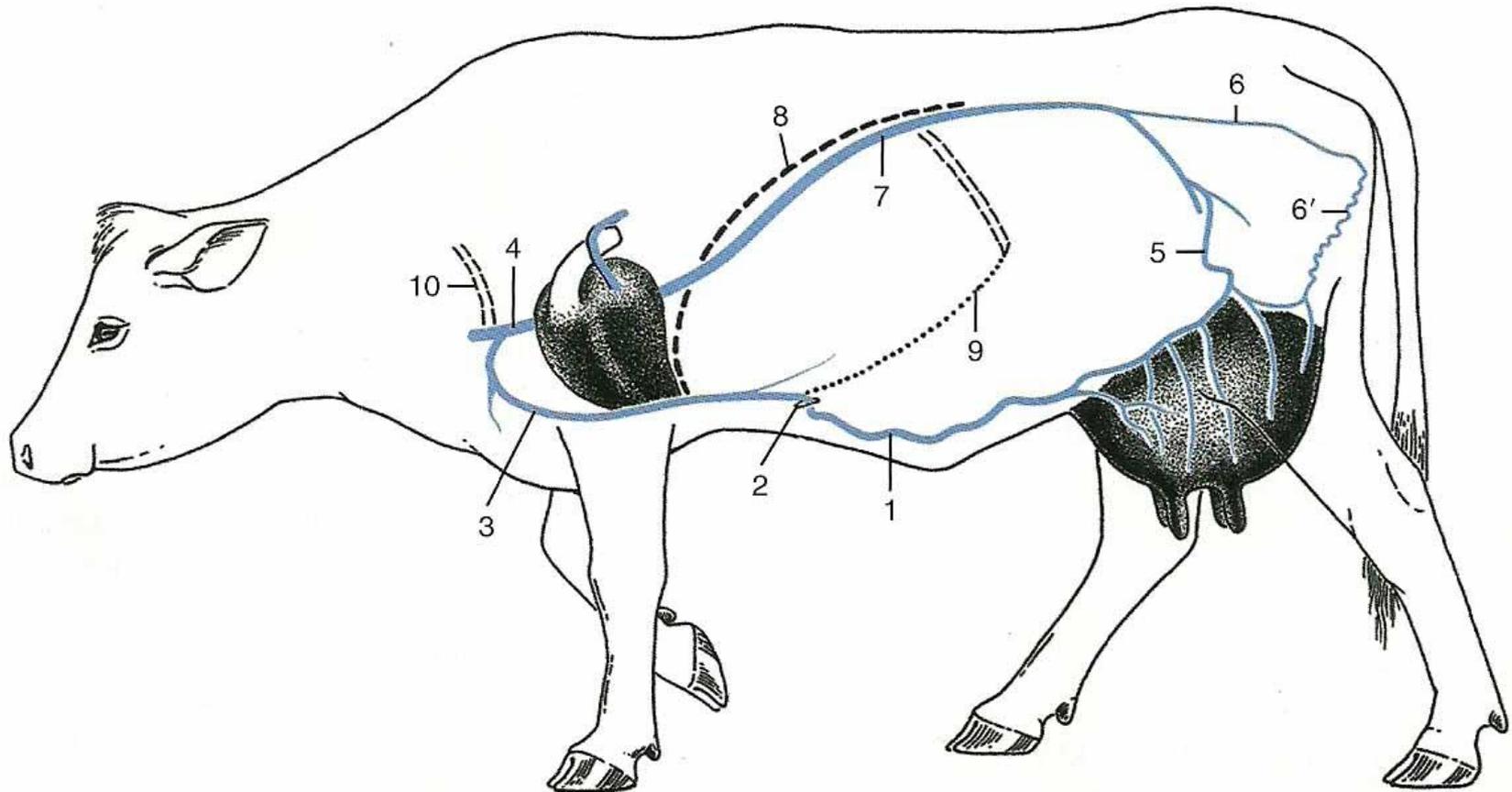
Artéria pudenda externa (artérias mamárias cranial e caudal)



Vascularização

Drenagem venosa – direção craniodorsal

Veia pudenda externa e **veia epigástrica cranial superficial** (“veia do leite”)



Vascularização

Anel venoso na base do úbere

primeira gestação

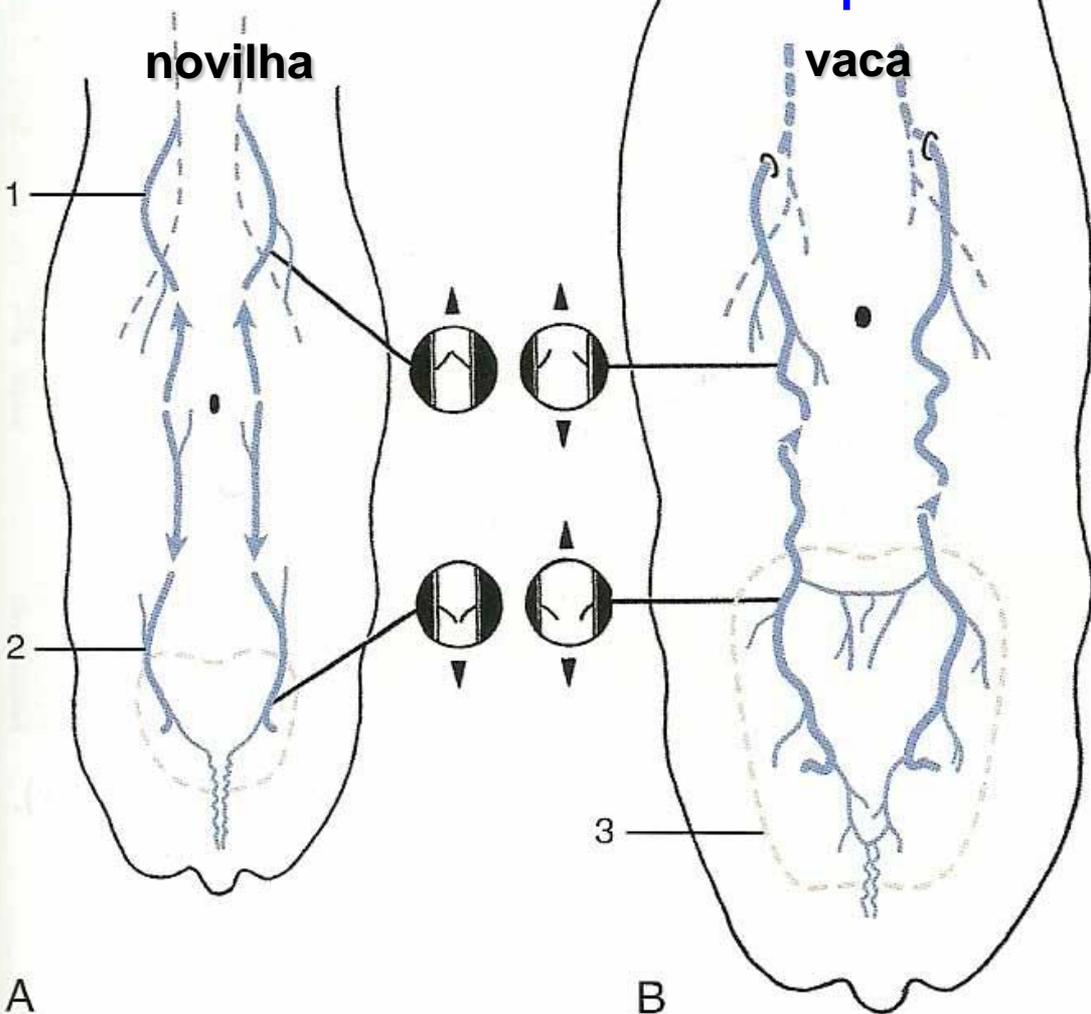
antes

e

depois

novilha

vaca



Inversão do fluxo sanguíneo na **veia epigástrica caudal superficial**

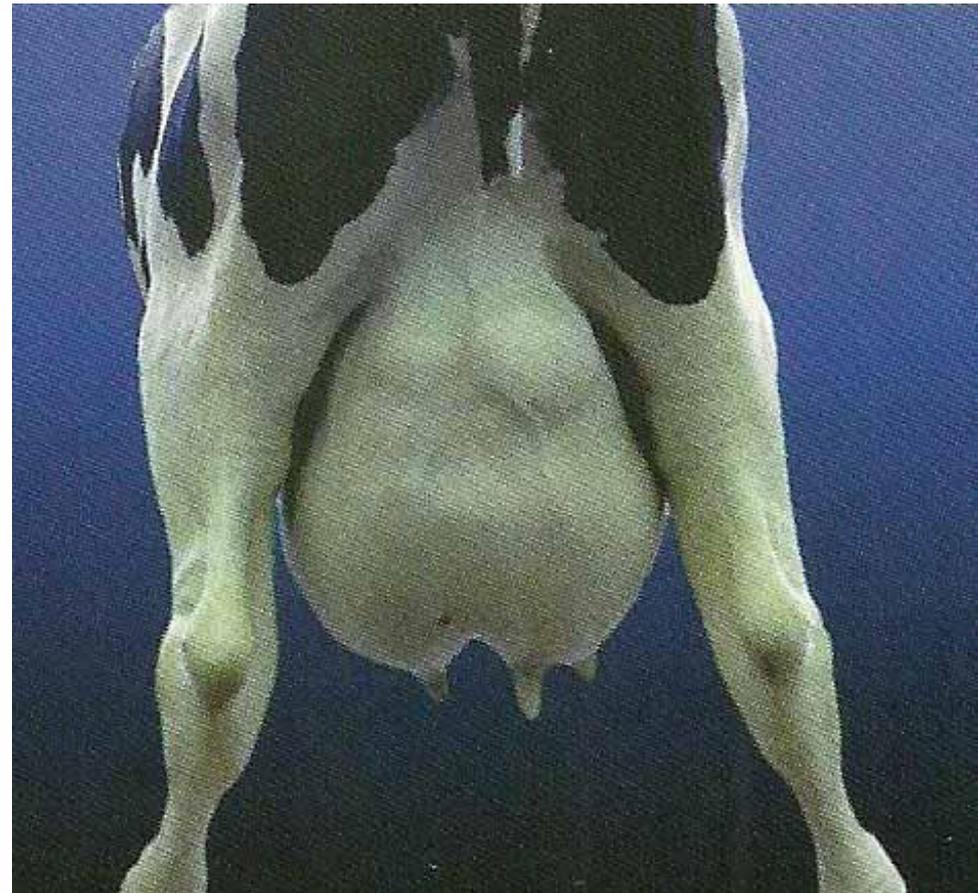
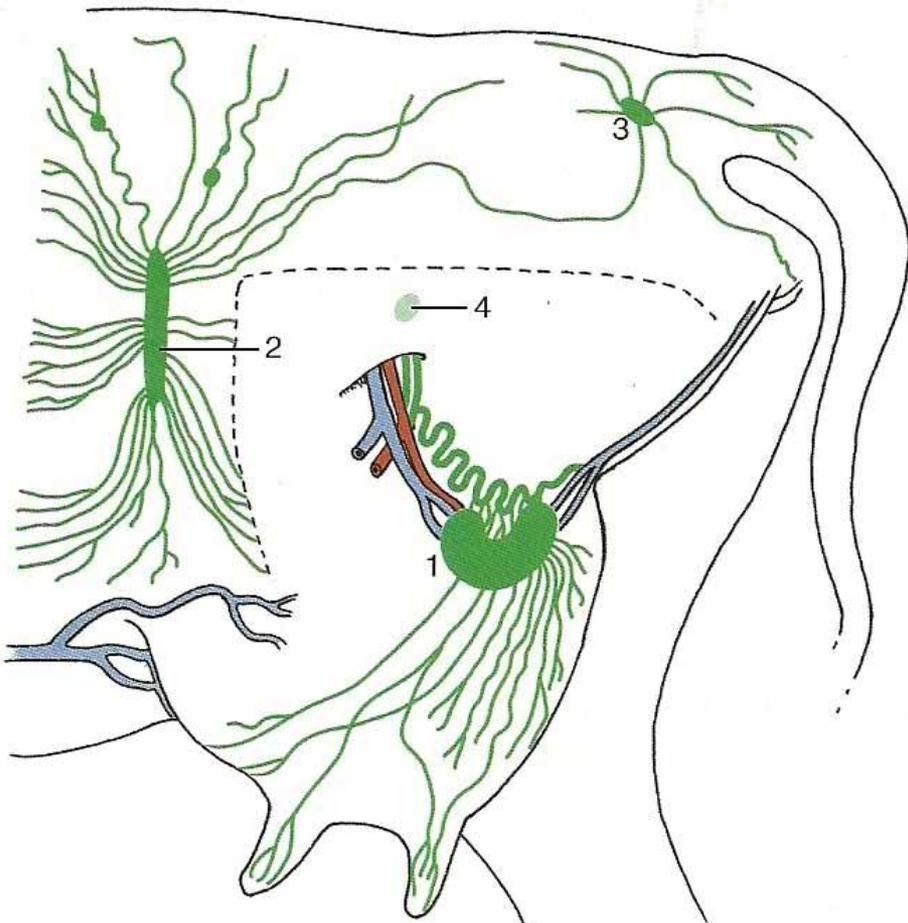
A

B

Drenagem linfática

Vasos linfáticos – caudodorsal

Linfonodo inguinal (mamário)

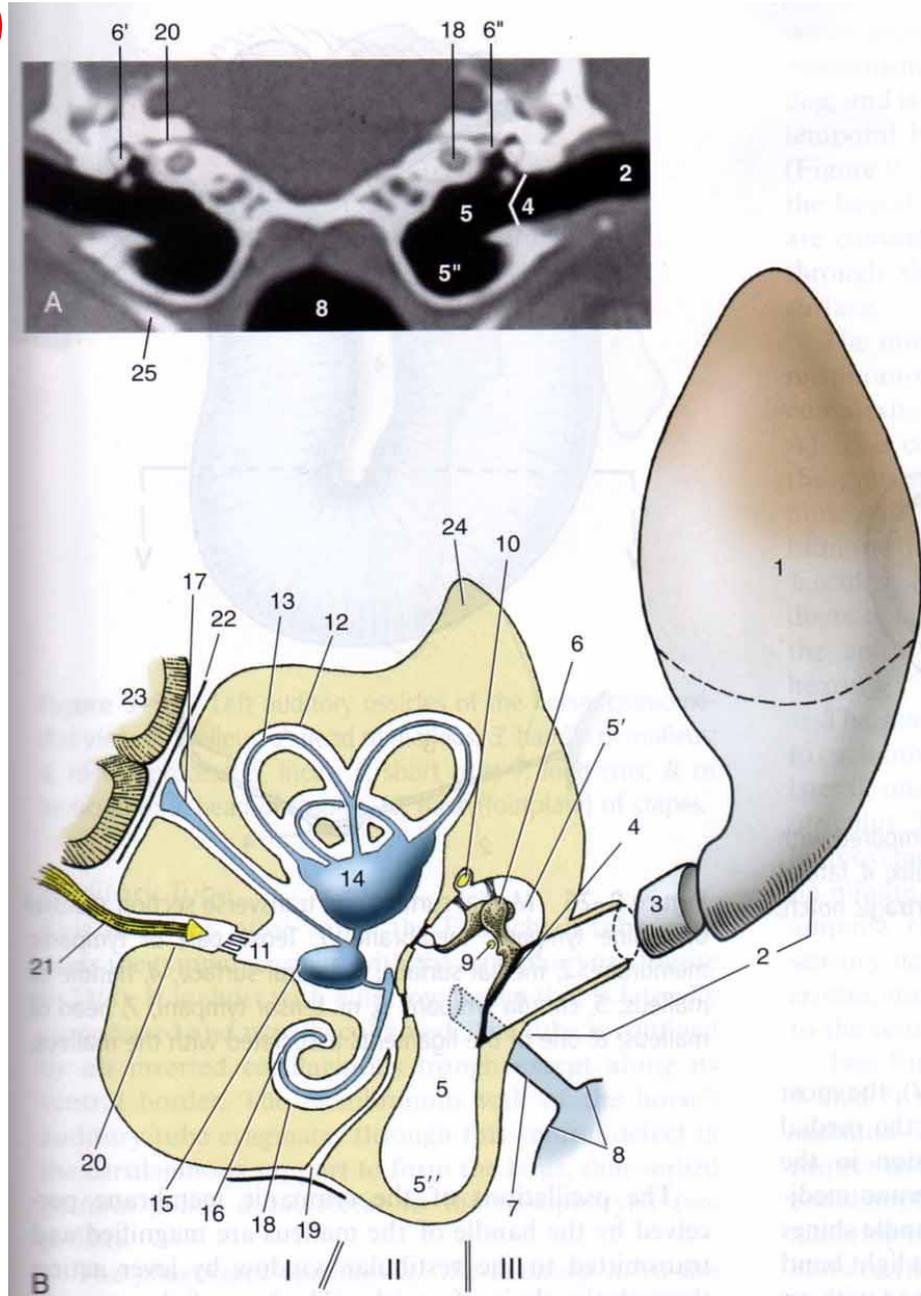


Sistema auditivo

Ouvido externo

Ouvido médio

Ouvido interno

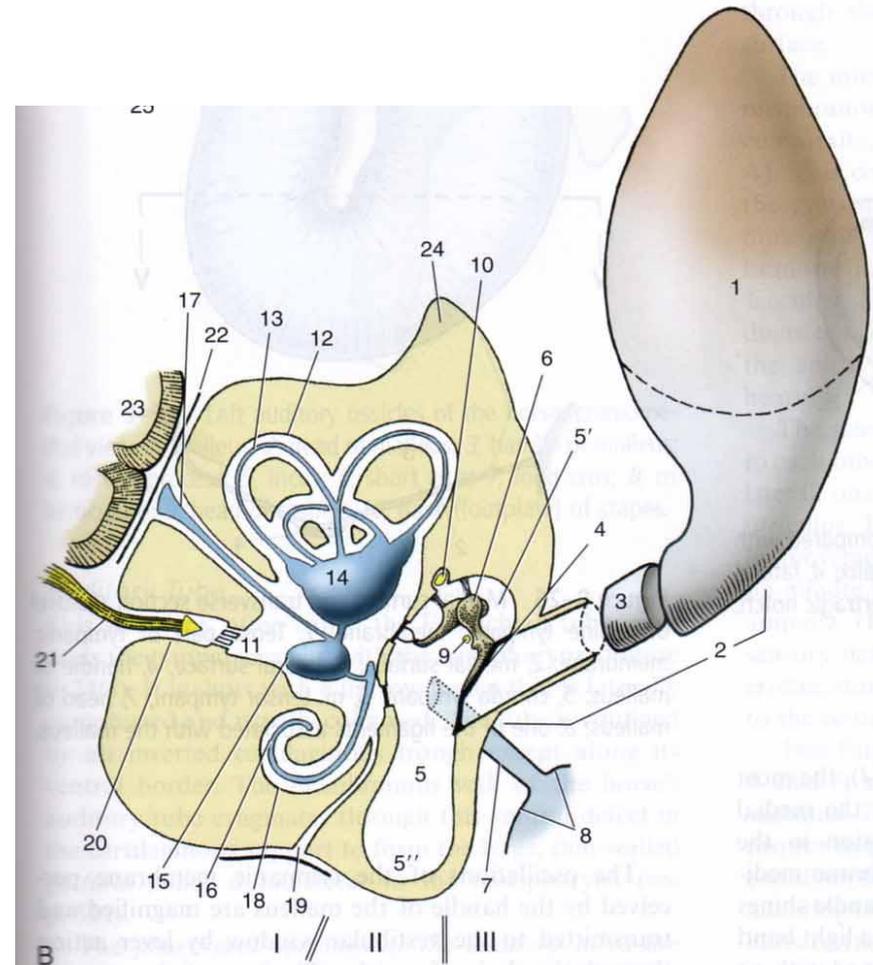
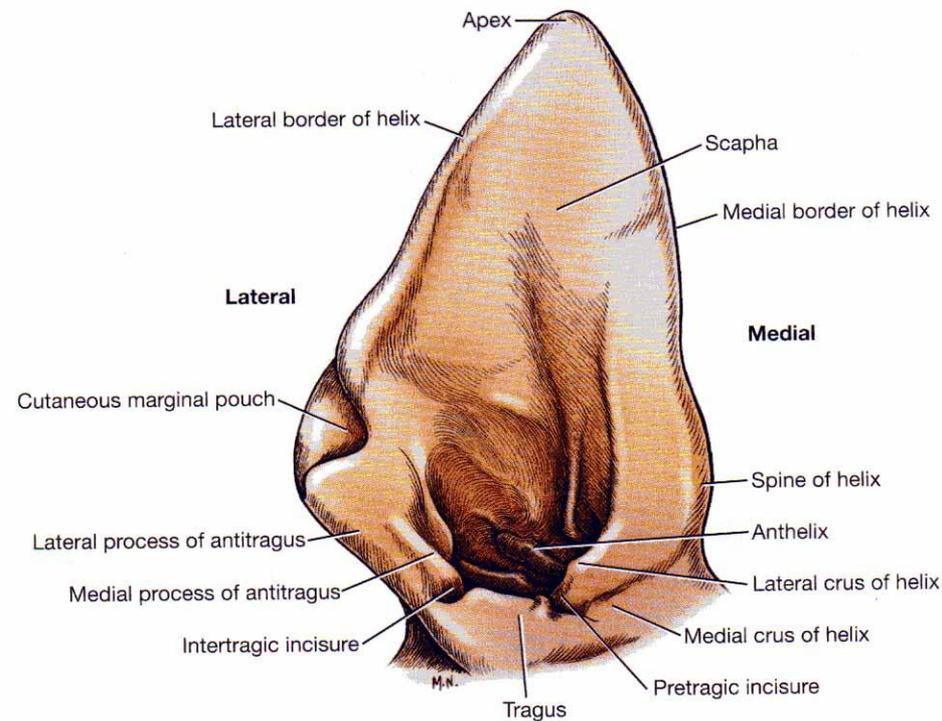




Ouvido externo

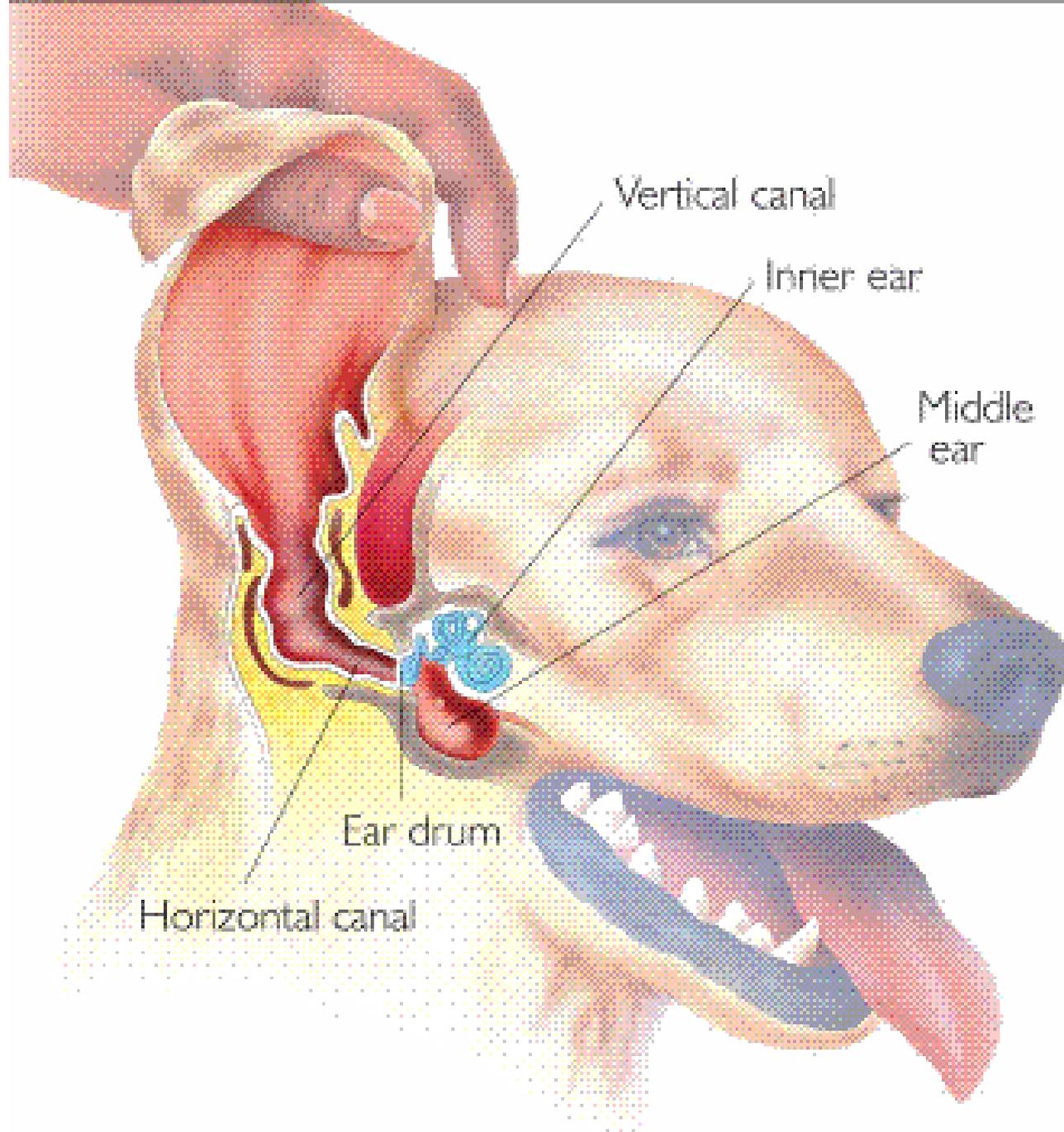
Cartilagens – Conchal e anular

Conduto auditivo – cartilaginoso e ósseo









Vertical canal

Inner ear

Middle ear

Ear drum

Horizontal canal

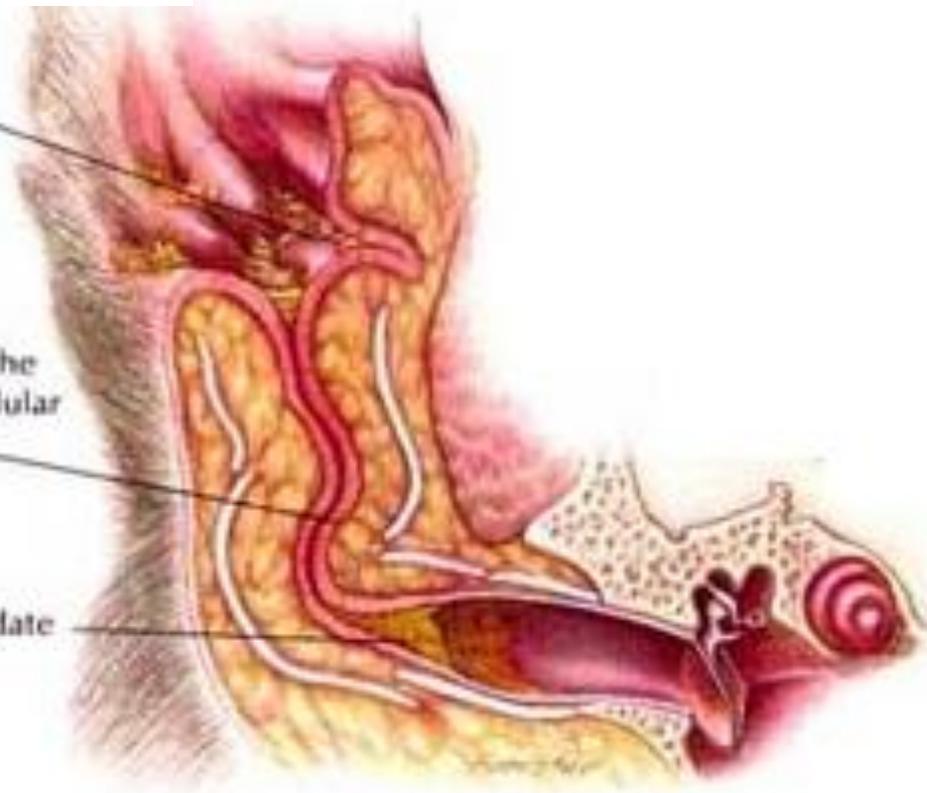
Otitis Externa



Inflamed,
reddened ear

Partial occlusion of the
ear canal due to cellular
hyperplasia

Inflammatory exudate

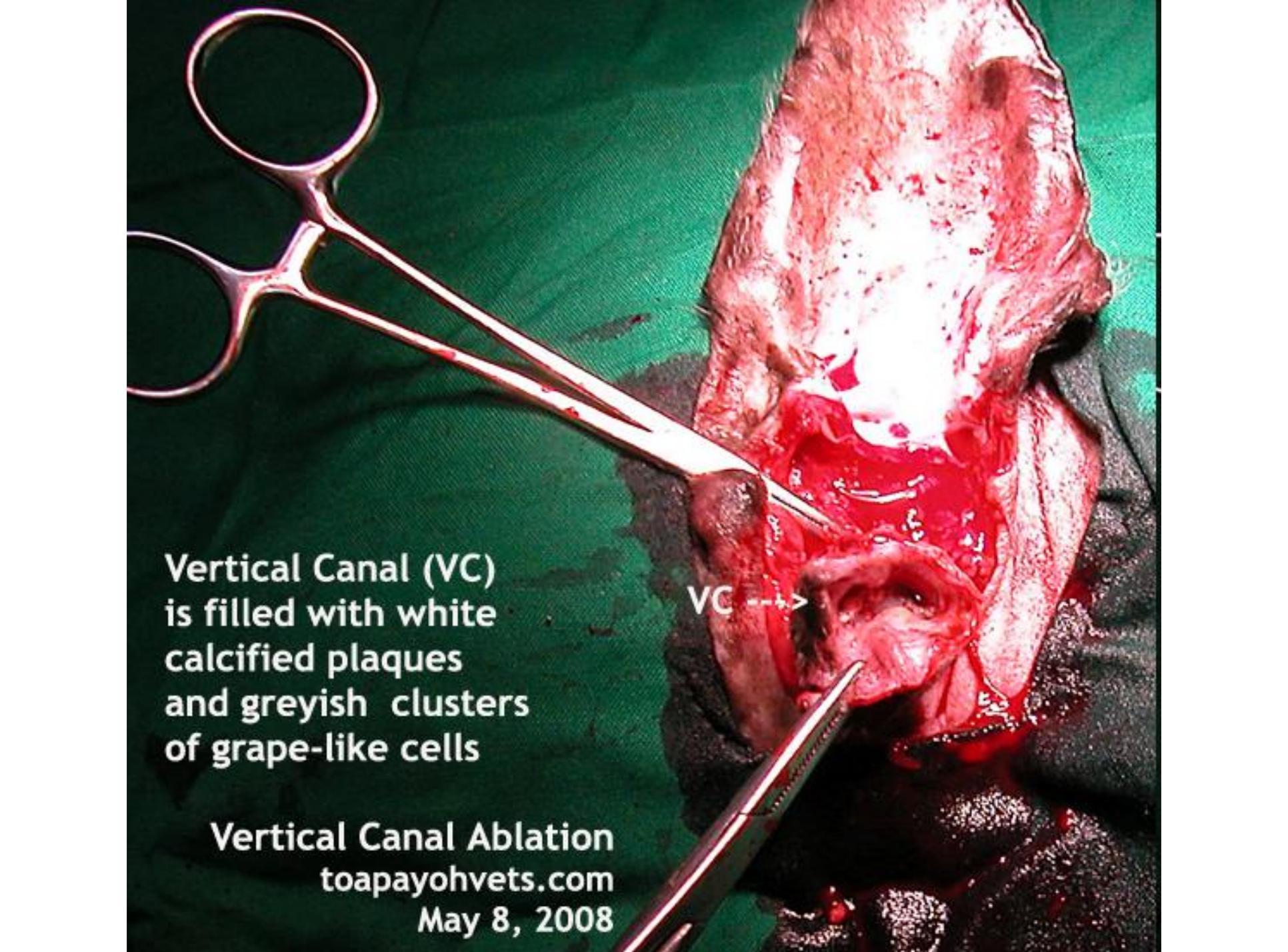










A surgical dissection of a dog's skull, showing the vertical canal (VC) filled with white calcified plaques and greyish clusters of grape-like cells. The canal is being opened with surgical forceps. The surrounding tissue is red and bloody. The background is a green surgical drape.

**Vertical Canal (VC)
is filled with white
calcified plaques
and greyish clusters
of grape-like cells**

**Vertical Canal Ablation
toapayohvets.com
May 8, 2008**



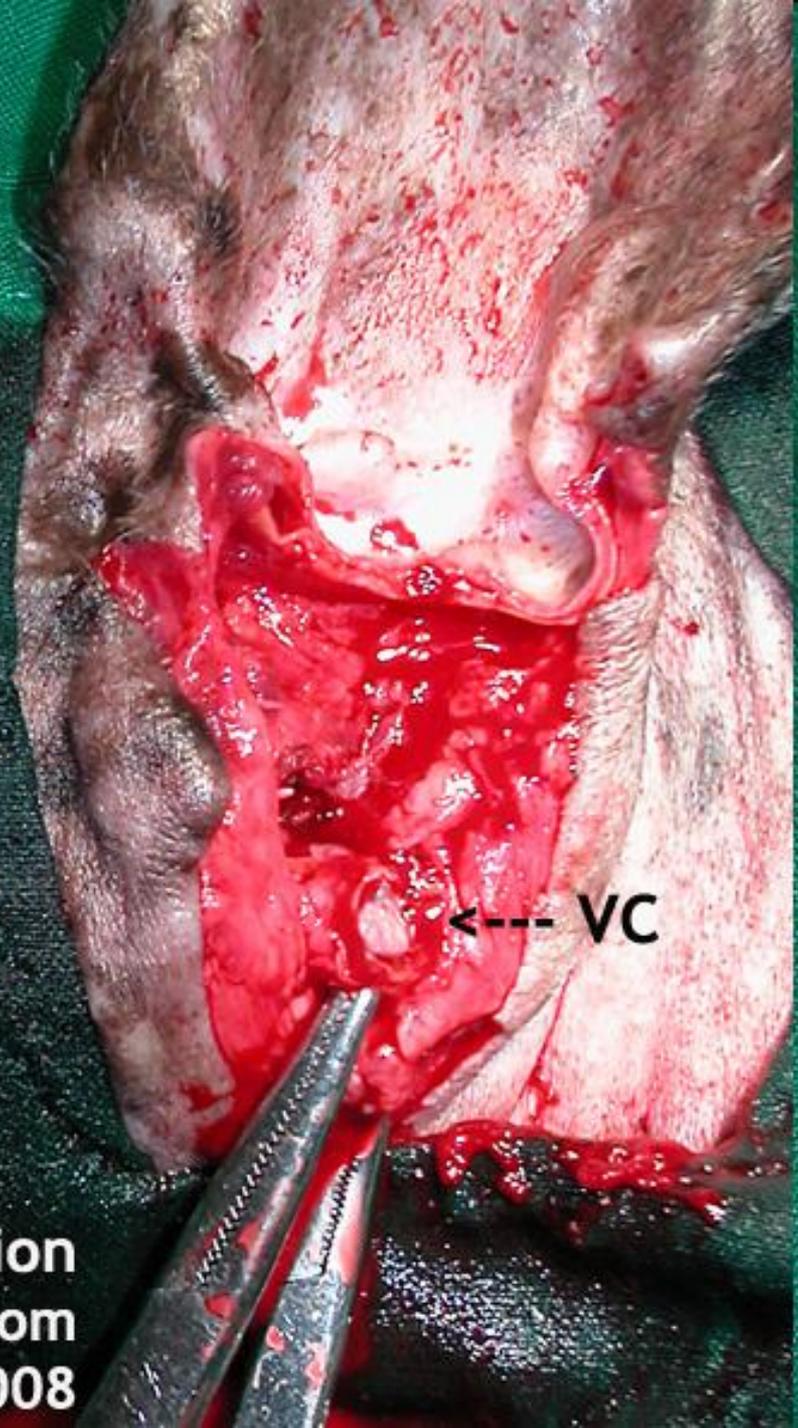
Vertical Canal (VC)
cut off 1 cm from
Horizontal Canal (HC)

Vertical Canal Ablation
toapayohvets.com
May 8, 2008

Vertical Canal
(VC) to be cut
into two halves
but they are
hard as rock. Use
bone cutter

← VC

Vertical Canal Ablation
toapayohvets.com
May 8, 2008



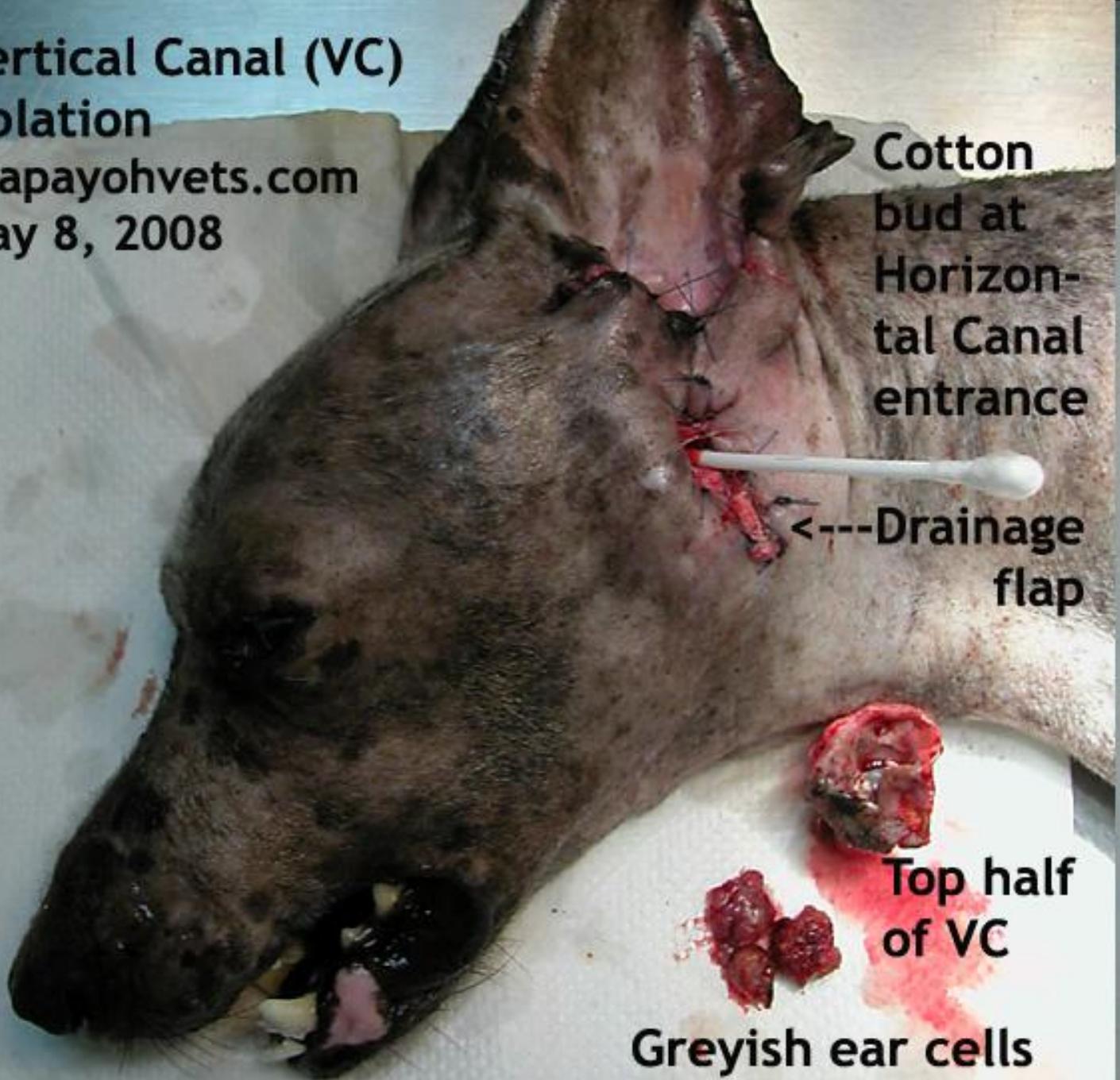
**Vertical Canal (VC)
Ablation**
toapayohvets.com
May 8, 2008

**Cotton
bud at
Horizon-
tal Canal
entrance**

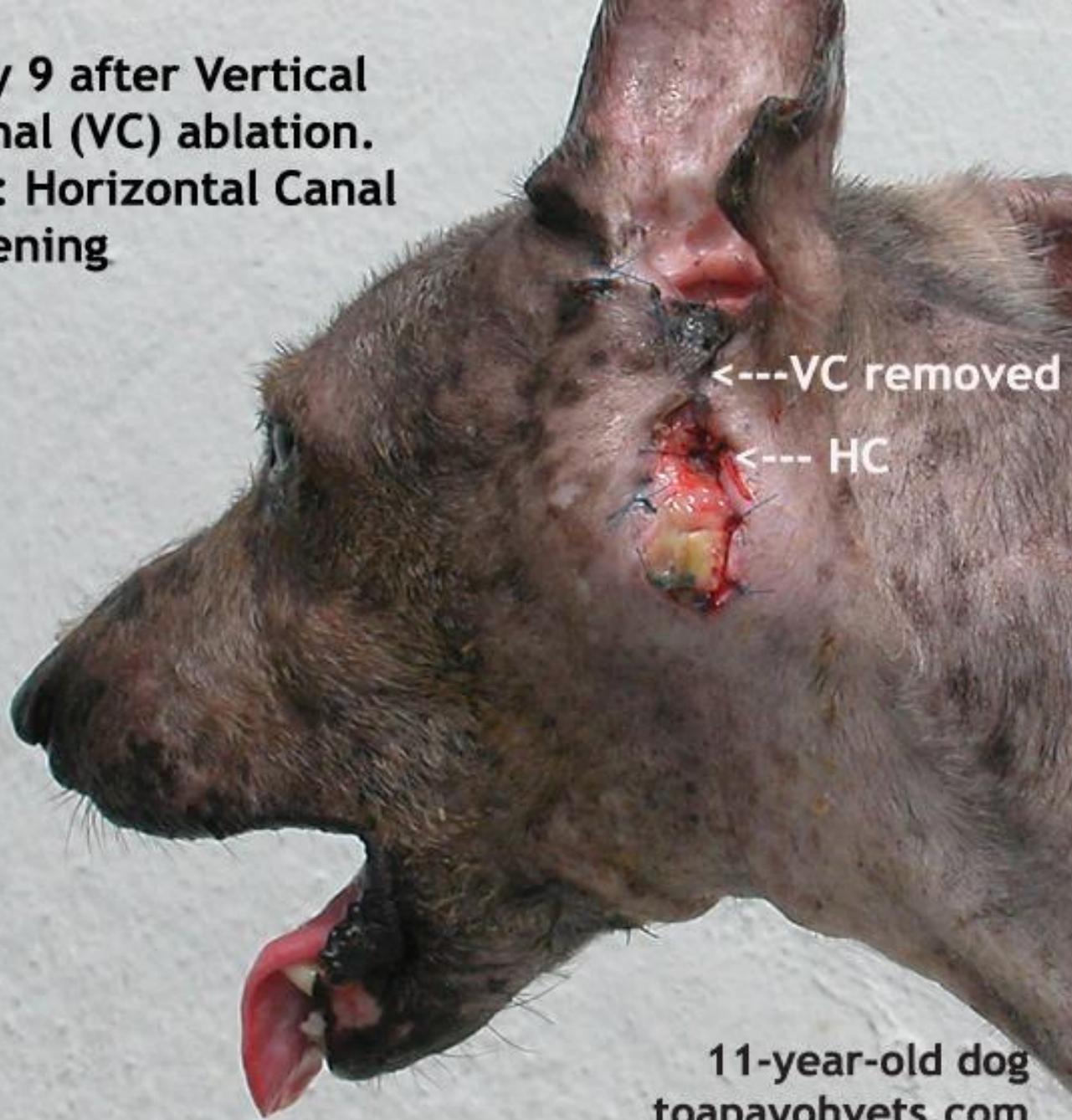
**<--- Drainage
flap**

**Top half
of VC**

**Greyish ear cells
inside canal**



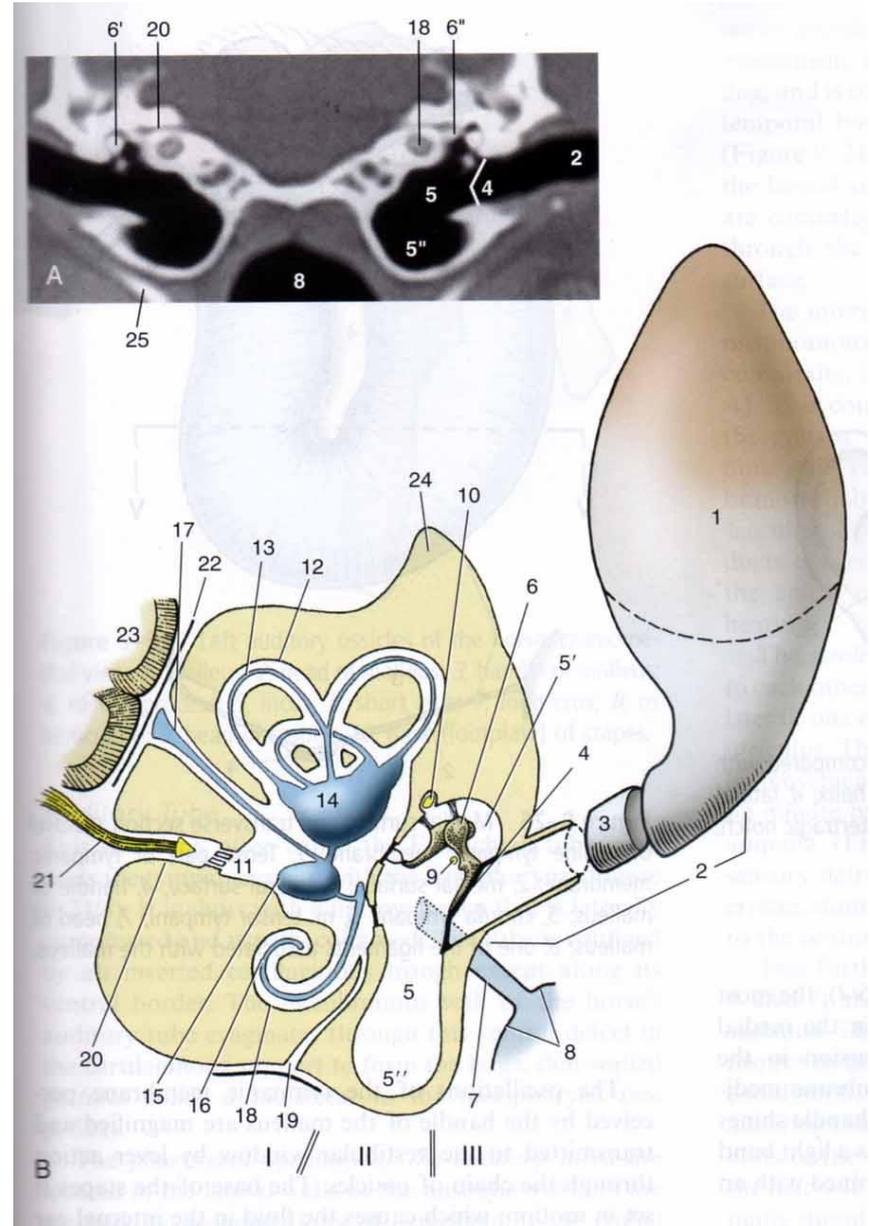
**Day 9 after Vertical
Canal (VC) ablation.
HC: Horizontal Canal
opening**

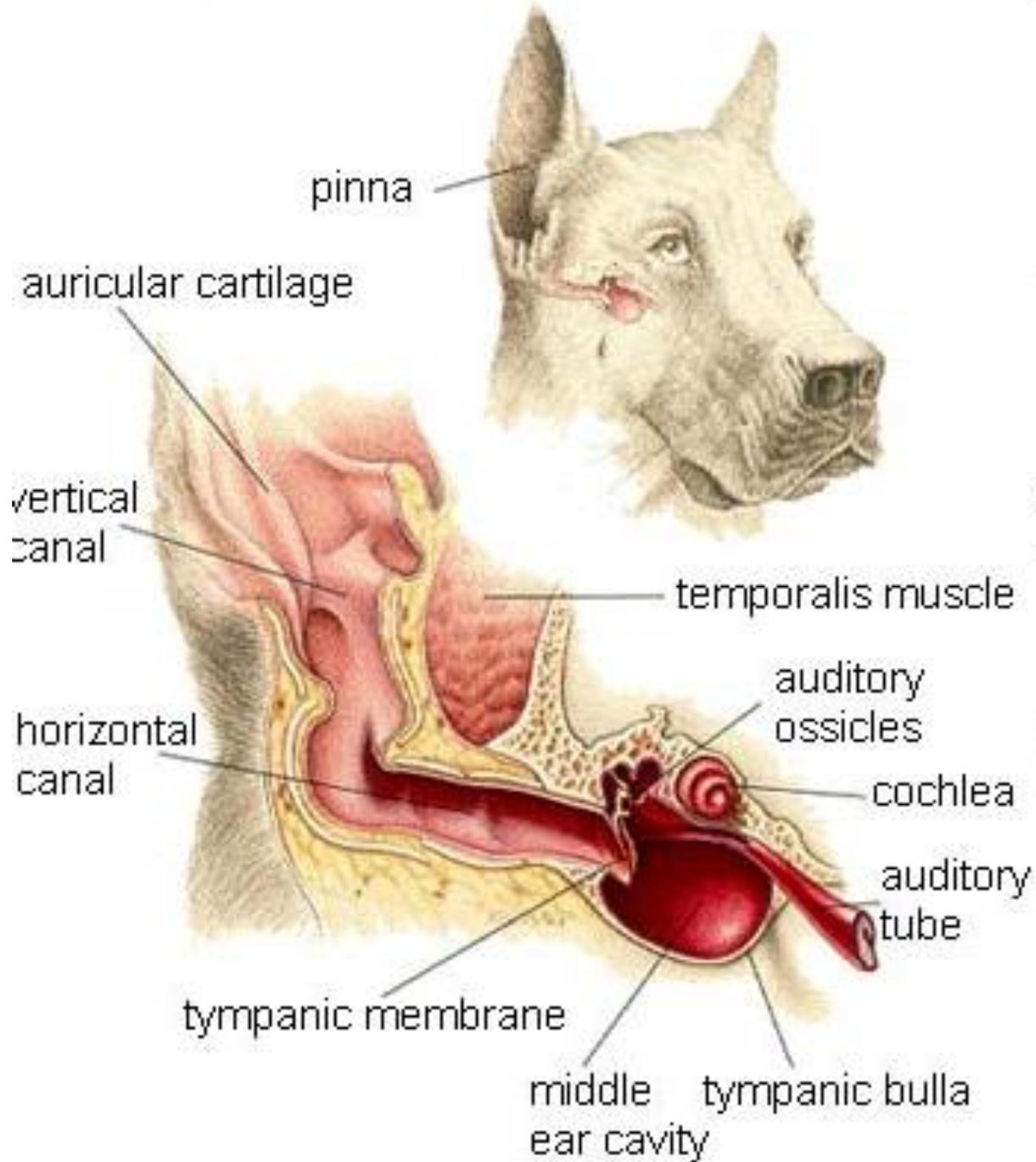


**11-year-old dog
toapayohvets.com
May 6, 2008**

Ouvido médio

Tímpano





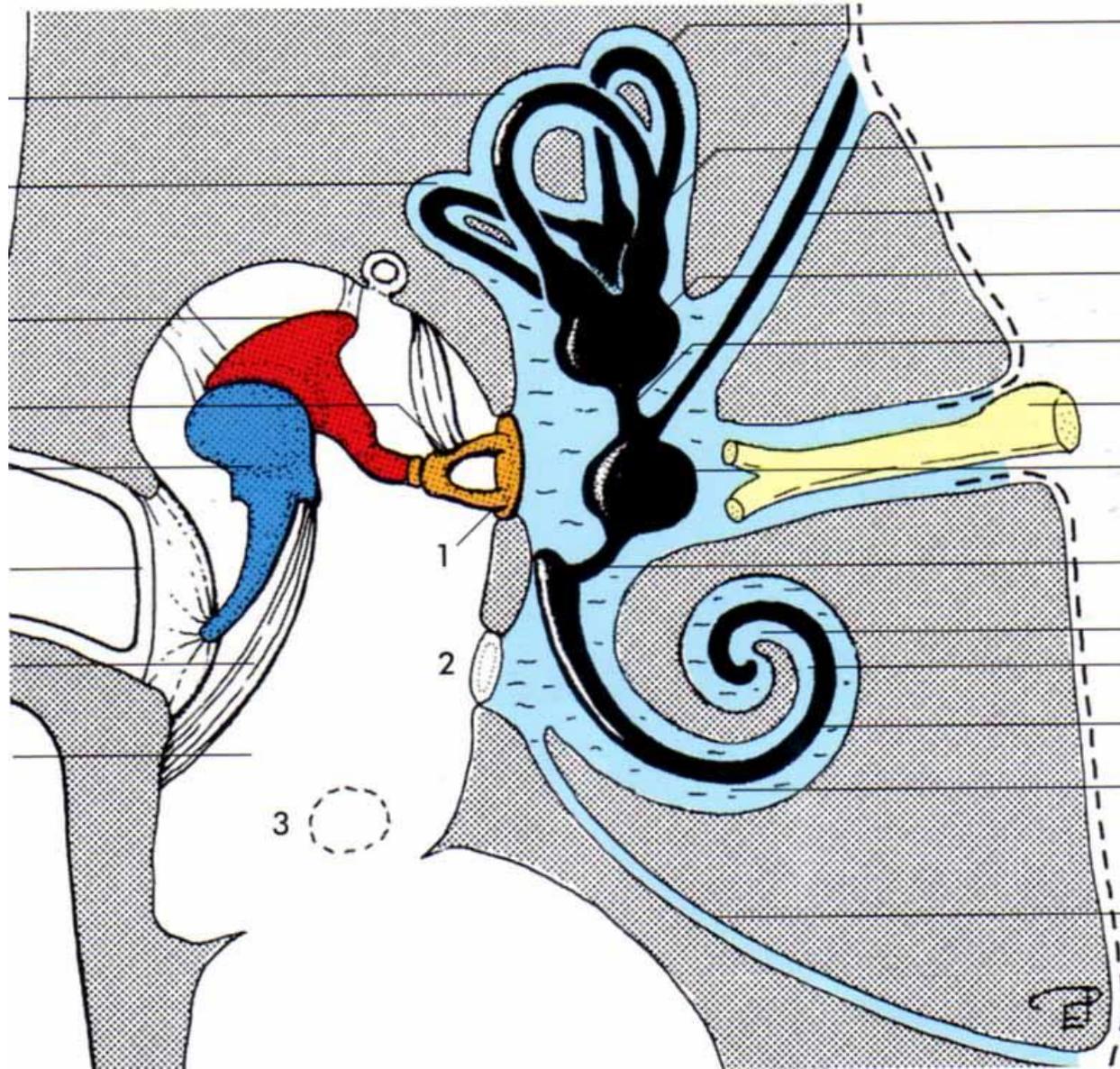
Ouvido médio

Ossos

- Martelo
- Bigorna
- Estapédio

Músculos

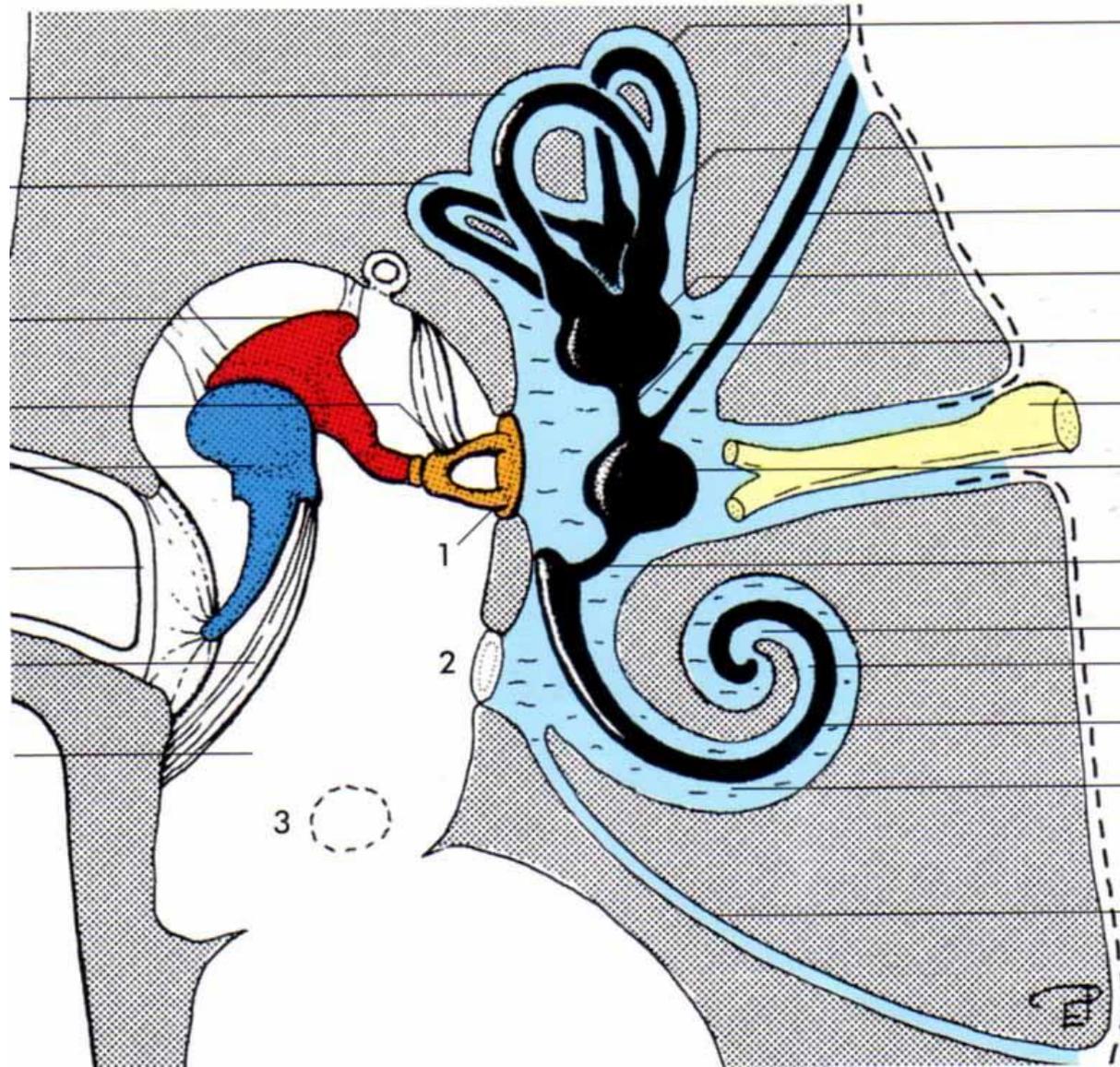
- Tensor
do tímpano
- Estapédio



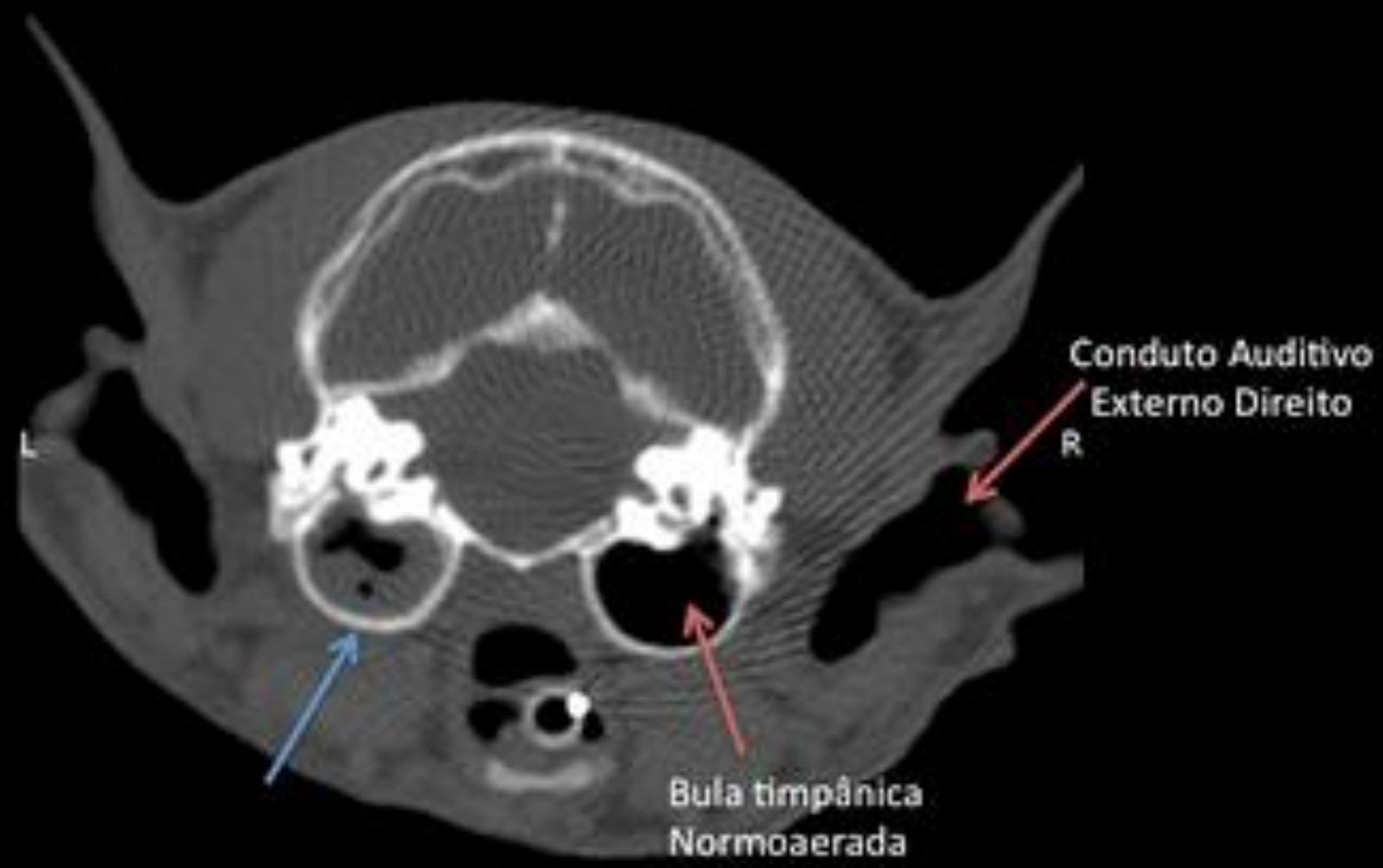
Ouvido médio

Janela oval
- Estapédio

Janela redonda
- Membrana
timpânica interna



P



Conduto Auditivo Externo Direito

R

Bula timpânica Normoaerada

A

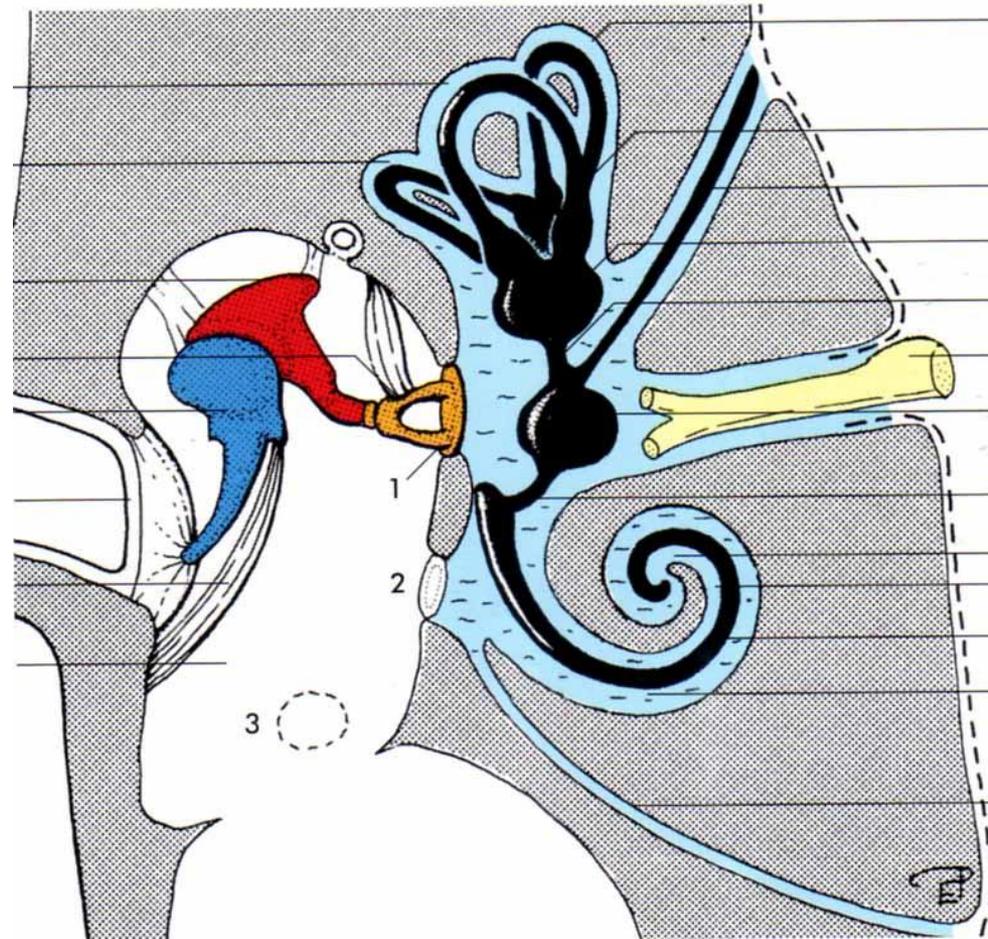
Ouvido interno

Parte óssea – perilinfa

Parte membranosa – endolinfa

Cóclea

Vestíbulo



Ouvido interno

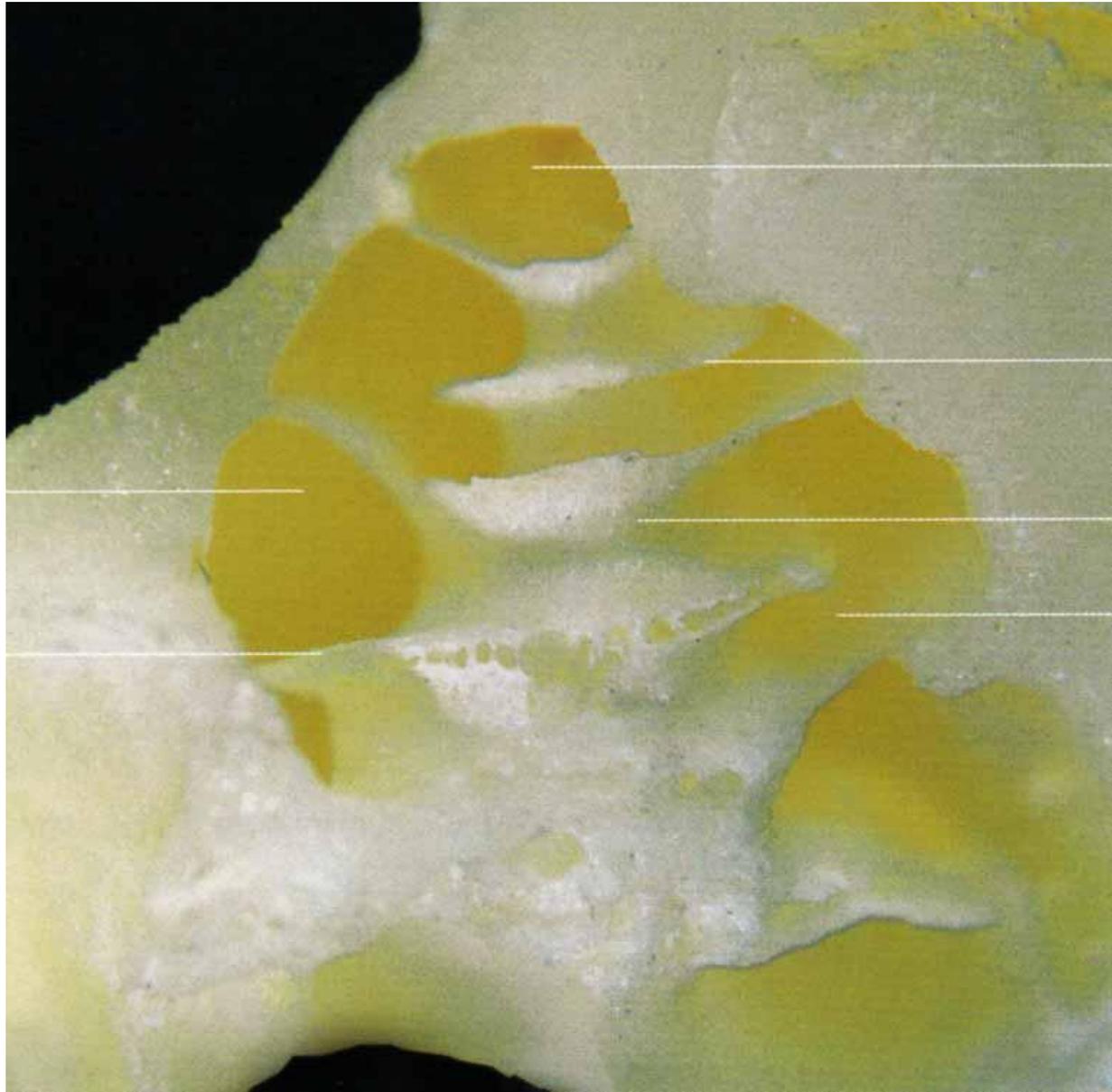
Cóclea

Modíolo

Escala vestibular

Escala timpânica

Ducto coclear



Ouvido interno

Cóclea

Modíolo

Escala vestibular

Escala timpânica

Ducto coclear



Ouvido interno

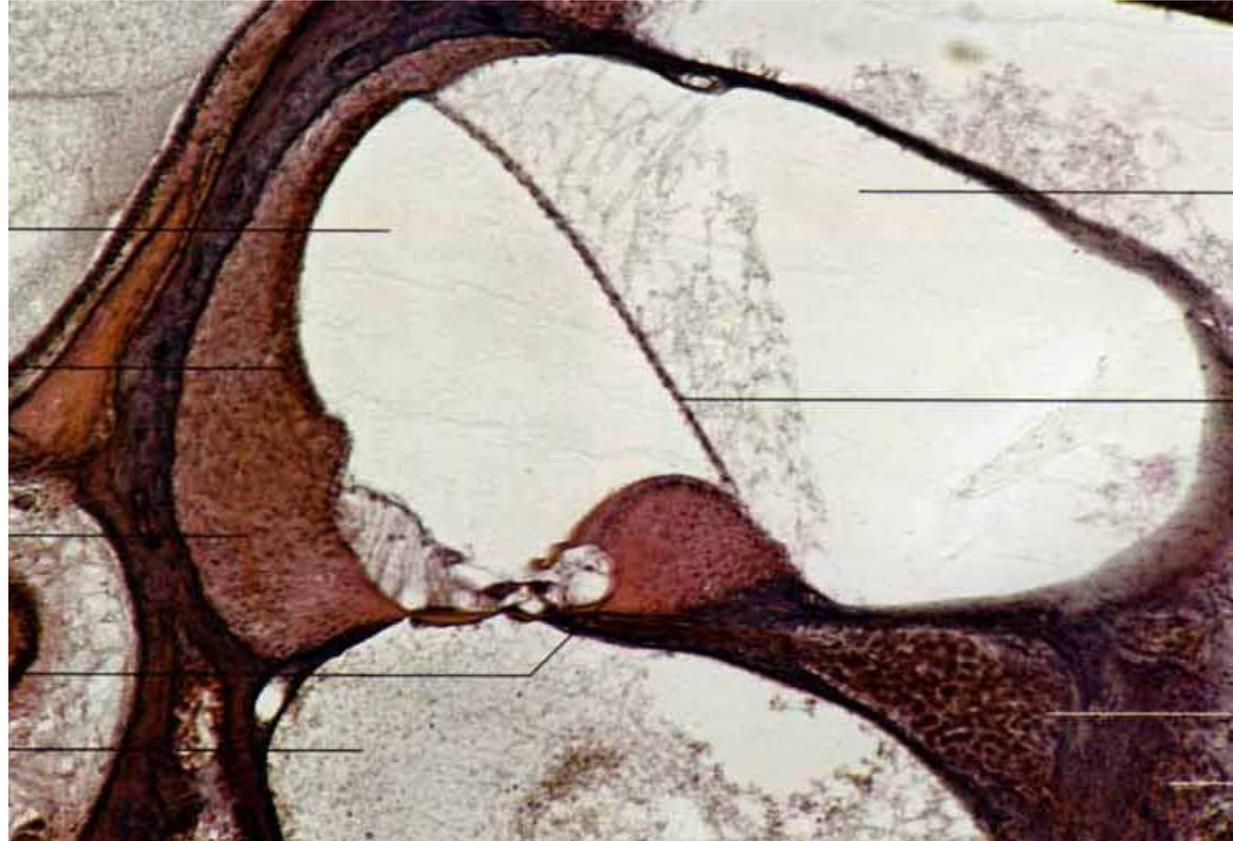
Cóclea

Modíolo

Escala vestibular

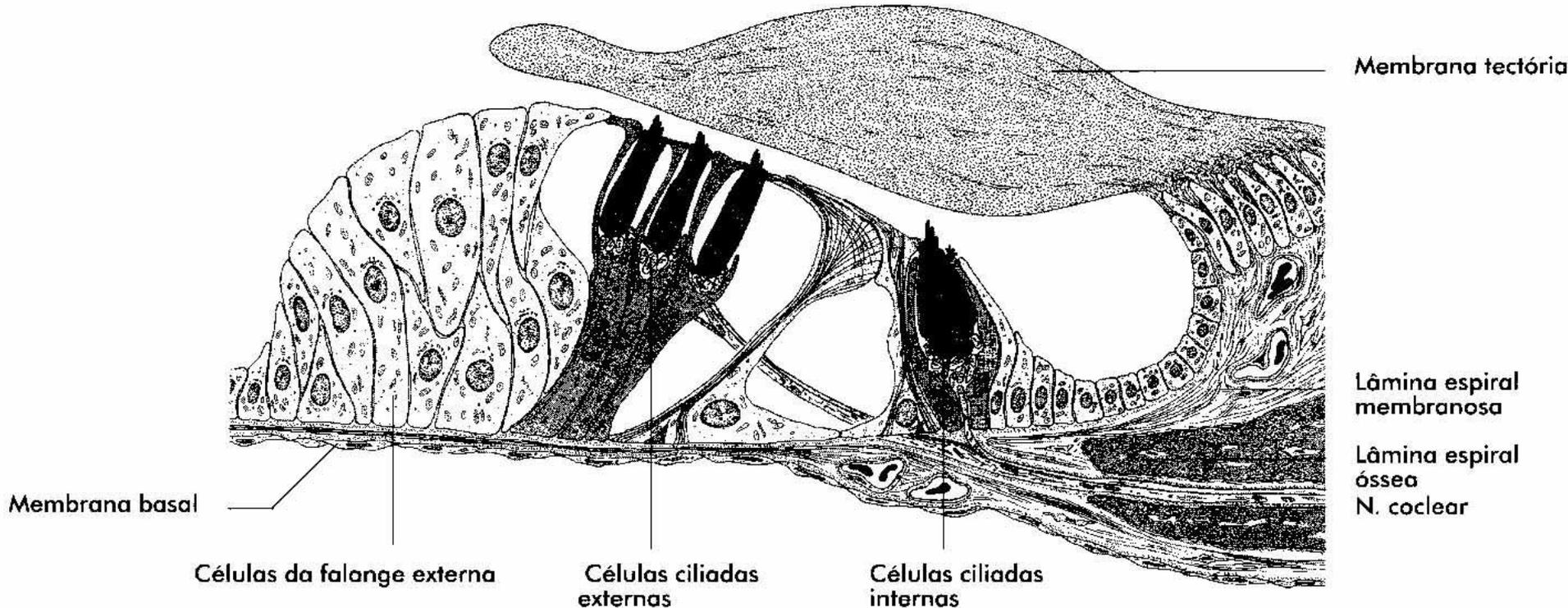
Escala timpânica

Ducto coclear



Ouvido interno

Órgão espiral de Corti

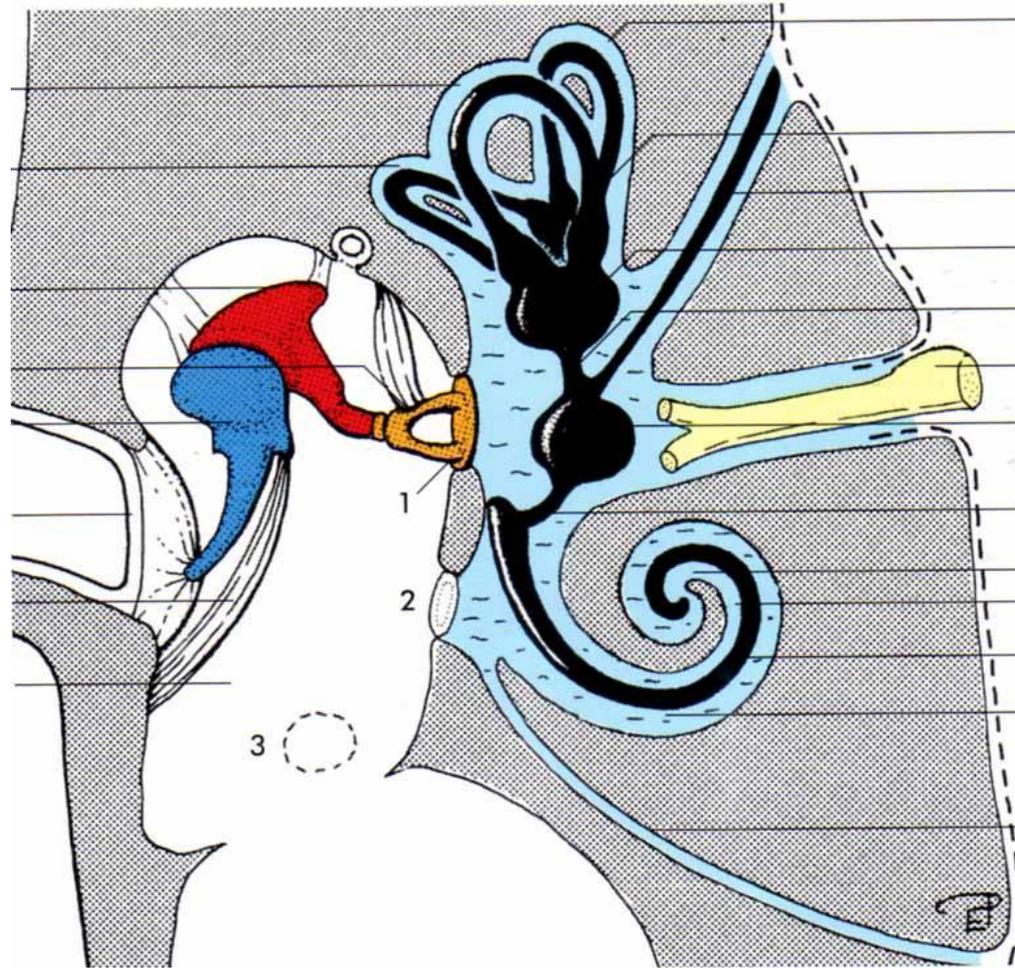


Ouvido interno

Vestíbulo

Canais semi-circulares

- Ampolas
- Cristas ampulares



Ouvido interno

Vestíbulo

- Canais semi-circulares
- Ampolas
- Cristas ampulares
- Sáculo
- Utrículo

