



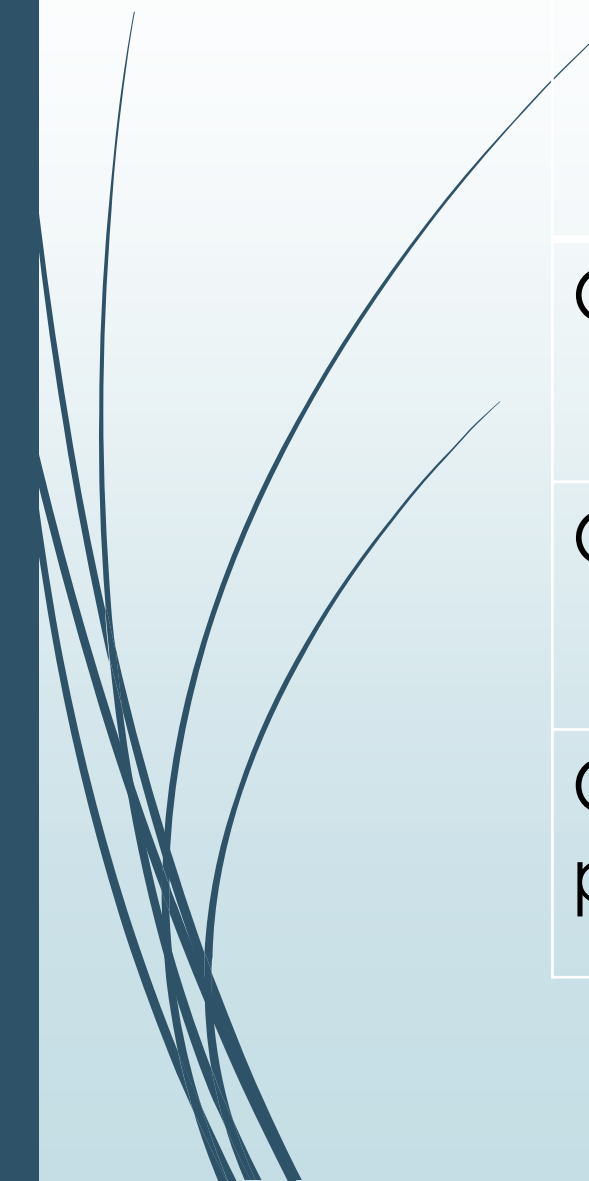
4th and 5th declension

A dark grey arrow points to the right from the left edge of the slide. Several thin, dark blue lines curve downwards from the arrow's tail towards the bottom left corner of the slide.

What are the typical features of 4th/5th declension?

Are there any similarities with the declensions you already know?

What is the gender of the nouns of 4th/5th declension?



	4	5
Genitive?	<i>-US</i>	<i>-ei</i>
Gender?	masculine (mostly) neutral (2)	feminine
Common points?	?	?



## ***Special notes***

artus, us, m.  
arcus, us, m.

*Abl. Pl.*

art**u**bus  
arc**u**bus

manus, us, **f**.  
acus, us, **f**.

species, **erum**, f.

## LATIN AND GREEK DECLENSIONS

Declens.		I.			II.				III.					IV.		V.
Paradigm		<i>vena</i>	<i>systole</i>	<i>diabetes</i>	<i>nervus</i>	<i>septum</i>	<i>nephros</i>	<i>colon</i>	<i>dolor</i>	<i>corpus</i>	<i>pelvis</i>	<i>dosis febris</i>	<i>rete</i>	<i>ductus</i>	<i>genu</i>	<i>facies</i>
Gender		f.	f.	m.	m.	n.	m.	n.	m. + f.	n.	m. + f.	m. + f.	n.	m.	n.	f.
S i n g u l a r	1.	-a	-e	-es	-us/-er	-um	-os	-on	?	?	-is/-es	-(s)is/ -xis/-osis	-ar/-e/ -al	-us	-u	-es
	2.	-ae	-es	-ae	-i	-i	-i	-i	-is	-is	-is	-is/-eos	-is	-us	-us	-ei
	4.	-am	-en	-am	-um	1	-um	1	-em	1	-em	-im/-in	1	-um	1	-em
	6.	-a	-e	-a	-o	-o	-o	-o	-e	-e	-e / (-i)	-i	-i	-u	-u	-e
P l u r a l	1.	-ae	-ae	-ae	-i	-a	-i	-a	-es	-a	-es	-es	-ia	-us	-ua	-es
	2.	-arum	-arum	-arum	-orum	-orum	-orum	-orum	-um	-um	-ium	-ium	-ium	-uum	-uum	-erum
	4.	-as	-as	-as	-os	1	-os	1	-es	1	-es	-es	1	-us	1	-es
	6.	-is	-is	-is	-is	-is	-is	-is	-ibus	-ibus	-ibus	-ibus	-ibus	-ibus	-ibus	-ebus
		+ Adj. of 1st decl. F			+ Adj. of 2nd decl. M	+ Adj. of 2nd decl. N			+Compa -rative forms of adj. M+F	+ Com parative forms of adj. N	+ Adj. of 3rd decl. M + F		+ Adj. of 3rd decl. N			



How can you decline nouns ending in **-us**?

Decide the declension of the following nouns:

longus

ulcus

fetus

uterus

morbus

infarctus

nasus

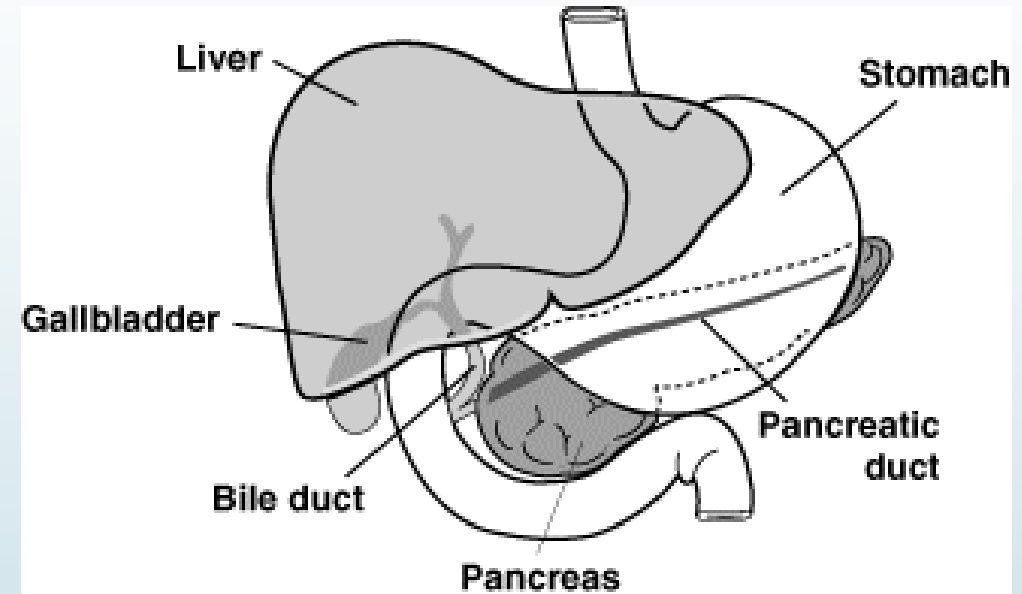
sinus

vulnus

crus

**canalis** = a narrow tubular passage or channel, e.g. optic canal

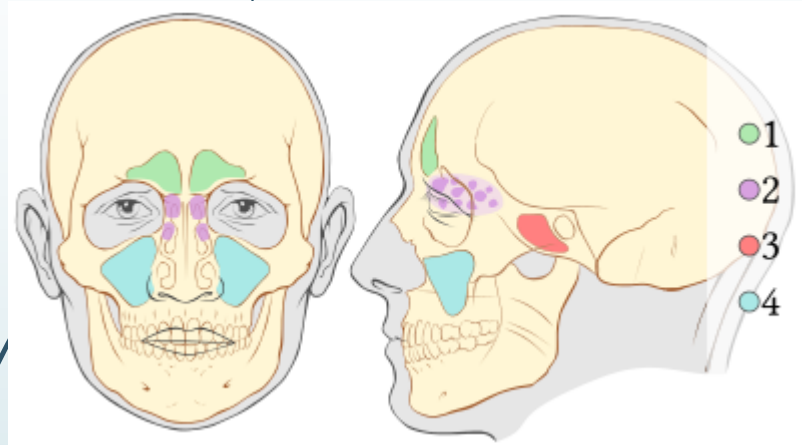
**ductus** = a passage with well-defined walls, esp. for the passage of excretion or secretion



*bile duct ?*

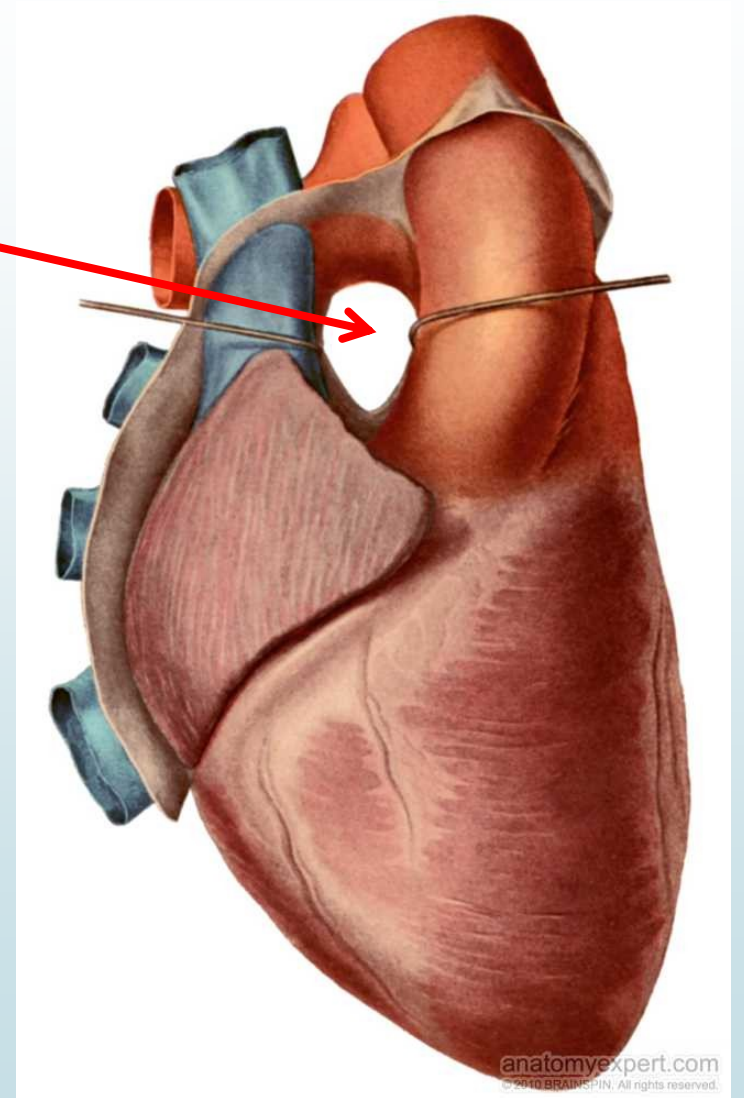
*optic canal ?*

**sinus** = a cavity in bone, esp. the pair cavities in the facial part of skull



- 1 frontal sinuses
- 2 ethmoid sinuses
- 3 sphenoid sinus
- 4 maxillary sinuses

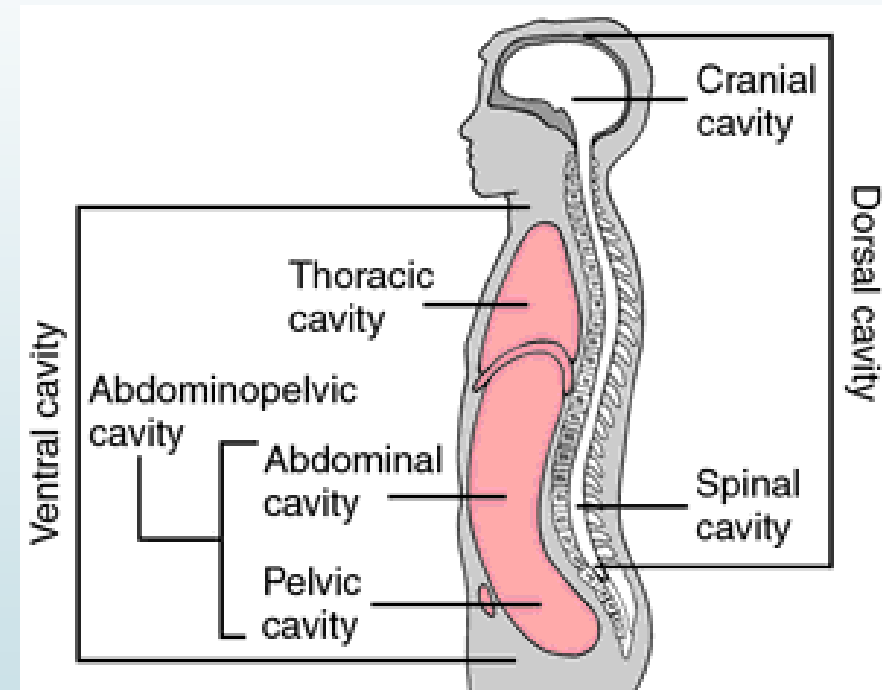
**transverse sinus of pericardium?**





**cavitas** = a cavity of organs or the regions of body

**caverna** = a cavity with many interconnected chambers; a pathological cavity caused by the decay of tissues, e.g. *cavernae tuberculosae*



# Sensus humani:

*visus ~ auditus ~ olfactus ~ tactus ~ gustus*



# Pulsus...

*parvus*

*tardus*

*celer*

*bigeminus*

Normal pulses



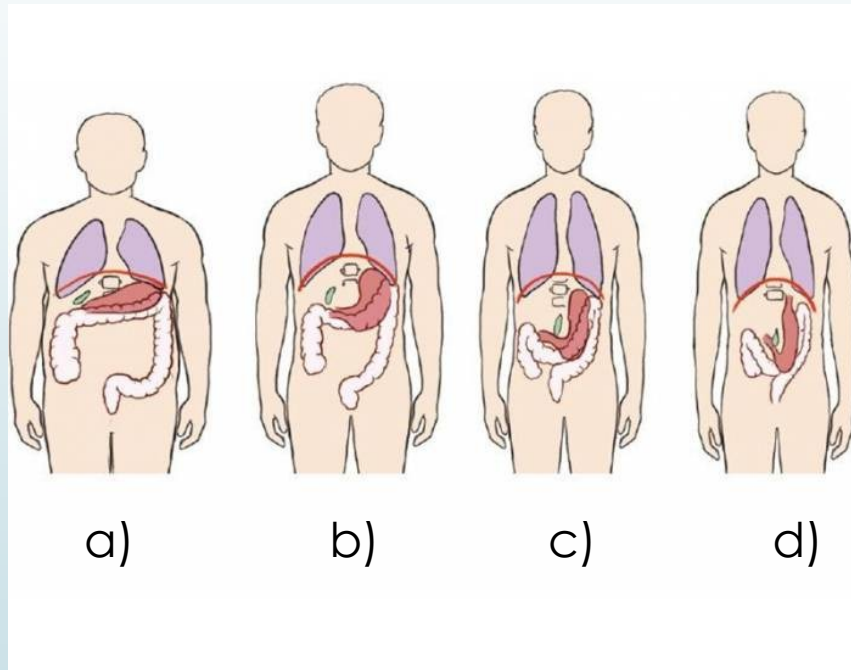
Small and weak pulses



Premature contractions

# Habitus...

= a general body type or constitution of a person; posture or position of the body



- A      hypersthenicus
- B      sthenicus
- C      hyposthenicus
- D      asthenicus

**\*Gr. *sthenos* = strength**

**Which of these is the average/normal?**

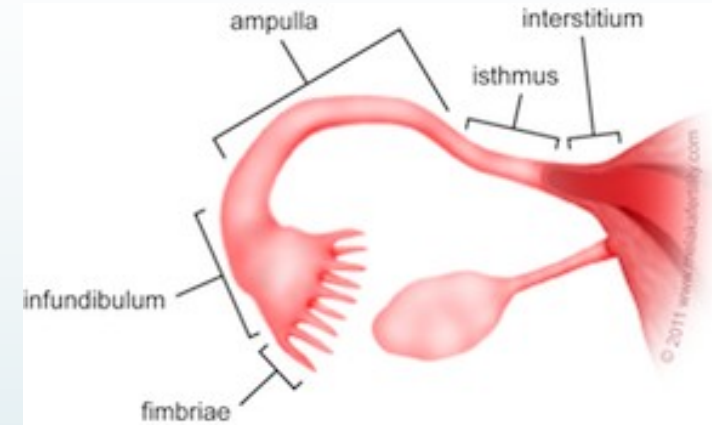
# Morsus...



*m. canis*



*m. serpentis*



→ Create diagnoses according to the pictures!

*\*m. diaboli*

1. a plant used to treat scabies
2. the fimbriated distal end of the Fallopian tube, infundibulum

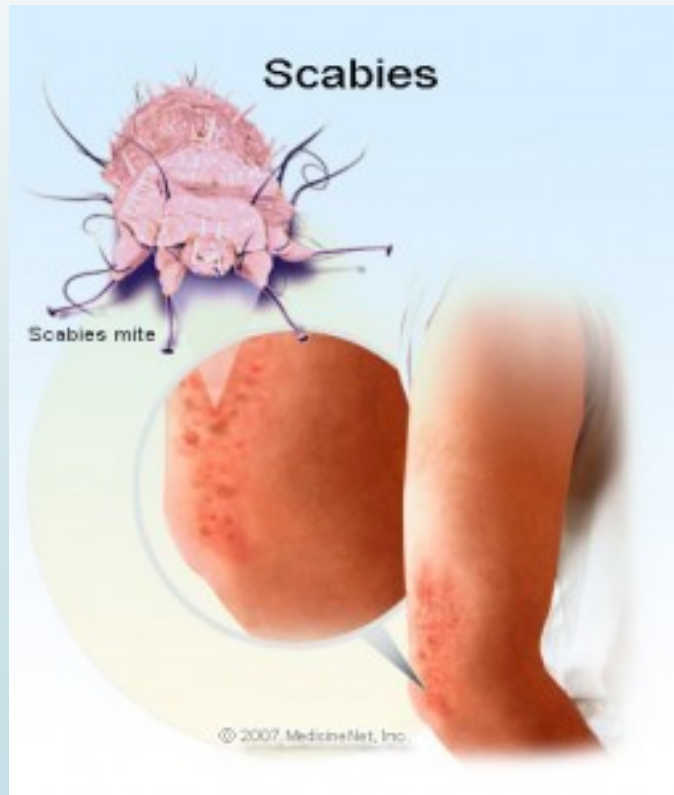




# Scabies

(Lat. scabere = to scratch)

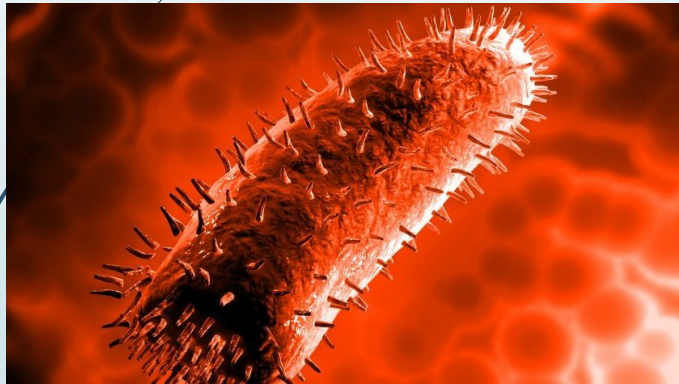
= a contagious skin disease caused by a tiny mite (*Sarcoptes scabiei*) laying eggs under the skin, the characteristic **itching** is caused by the reaction to the feces of the mite



*grey ointment against scabies?*

# Rabies

= an acute viral disease (a virus of the family *Rhabdoviridae*) of the central nervous system transmitted through saliva from the bite of an infected animal, it is also called **hydrophobia** because of the typical symptom of the disease; the symptoms include *extreme thirst*, fever, depression, confusion, hard swallowing, muscle spasms, sensitivity to touch, light or loud noise; if not prevented, it is almost always *fatal*

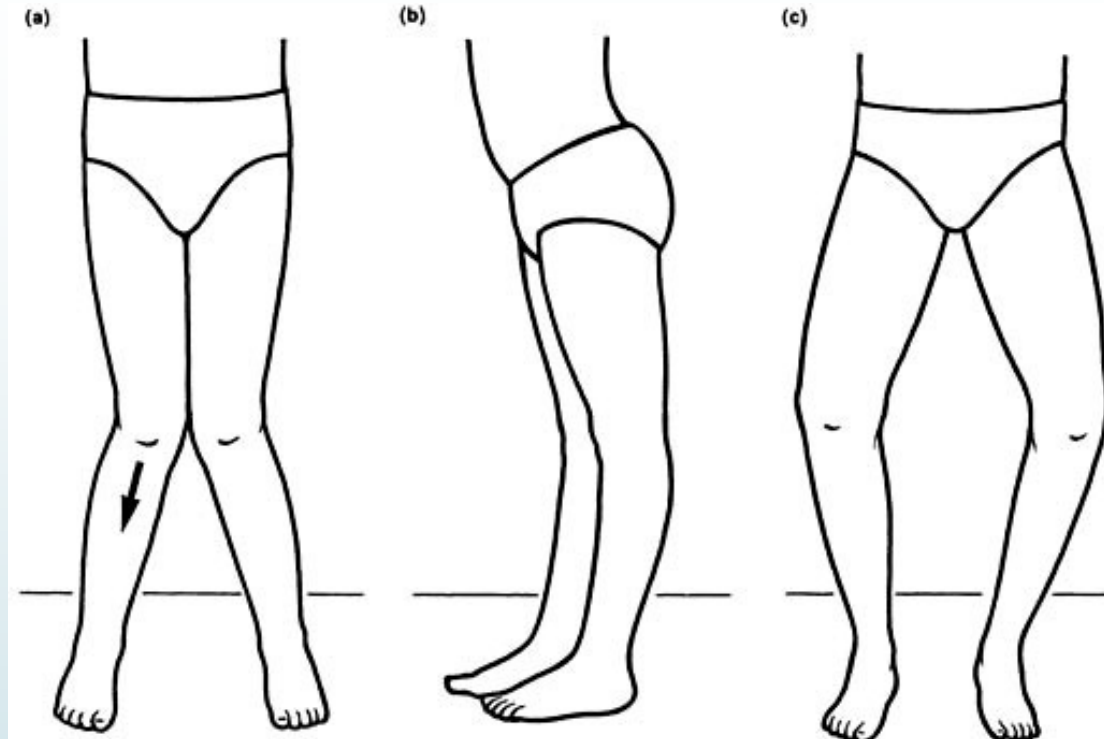


r. *silvatica*

r. *domestica*

death due to rabies after the bite of an animal?

**valgus**  
**X**  
**varus**



??

??

state after the operation of a toe twisted inwards of the left foot?





## in situ...

*morbus ischemicus cordis, cardiostimulator **in situ***

*tumor mammae l. sin., implantatus **in situ***

*tear wound of the head, a foreign body **in the place** (of the wound)?*

*cancer of the small intestine, carcinoma **in its (original) place?***

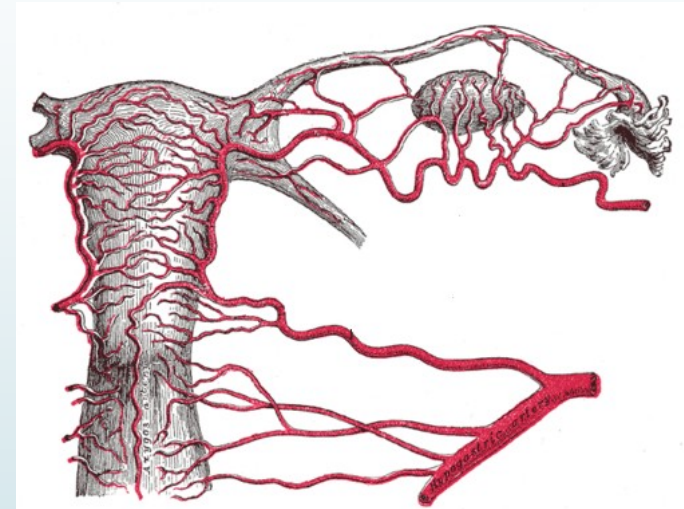
x

*metastases of the tumor towards the liver?*

# Plexus...



uterine venous network?



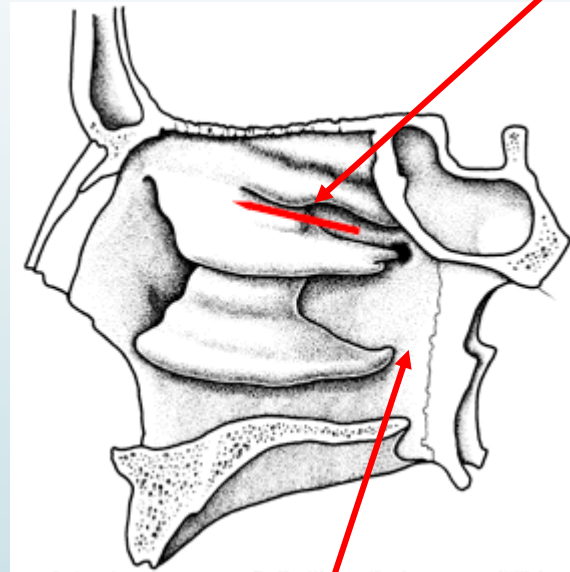
deep lymphatic network?

state after the excision of a lymphatic node due to carcinoma?

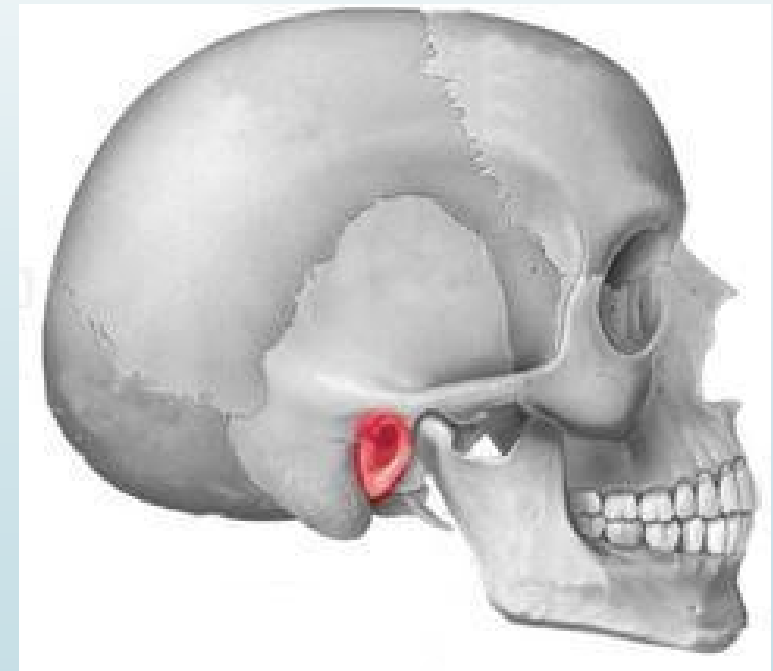
# Meatus...

= an opening or passage, esp. one leading to the body surface, external opening of a canal

medial meatus of the nose?



nasopharyngeal meatus?



*external acoustic meatus?*



Status...

post operationem --->

propter asthma --->

propter epilepsiam --->

*-ivus*

*-icus*