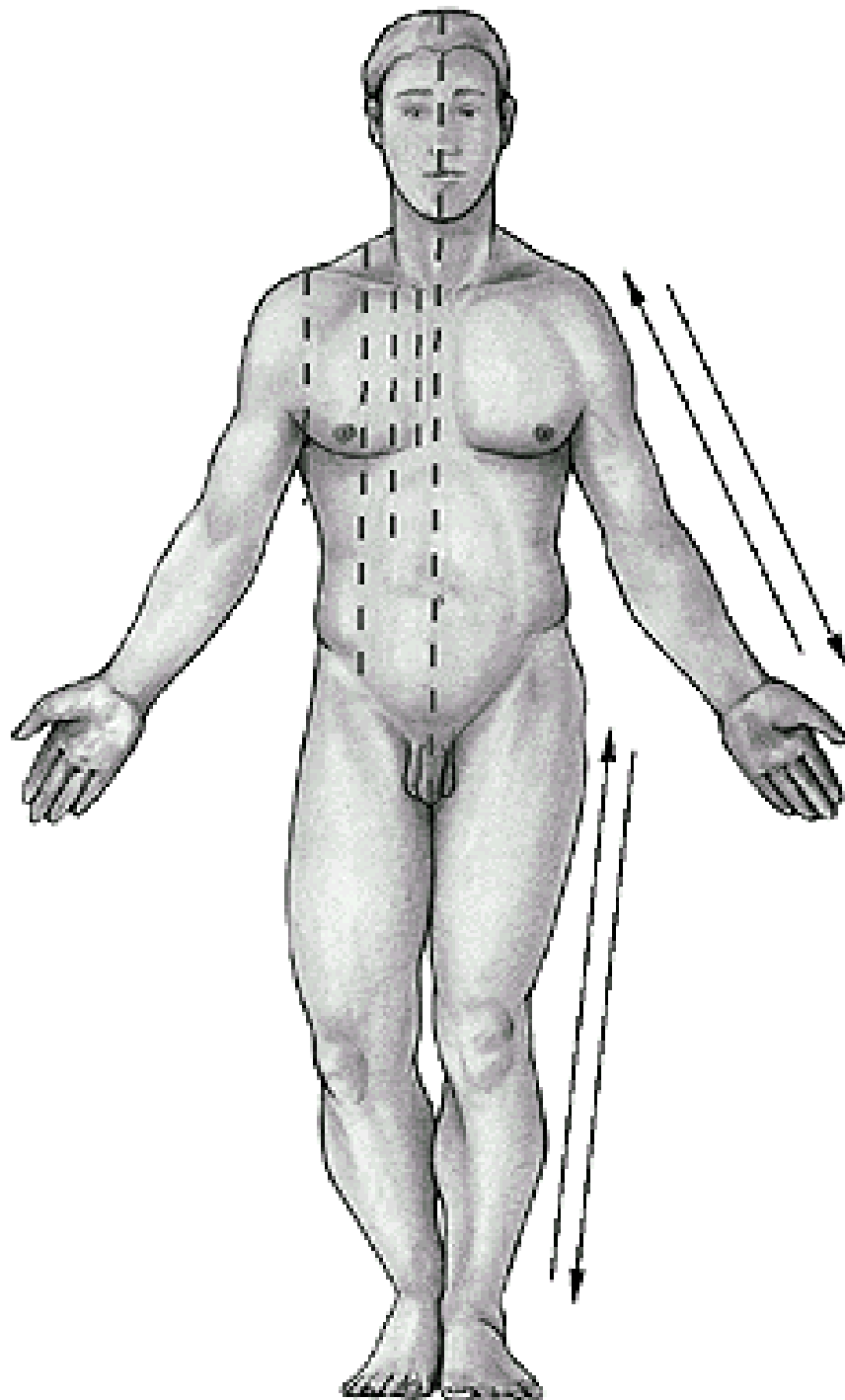
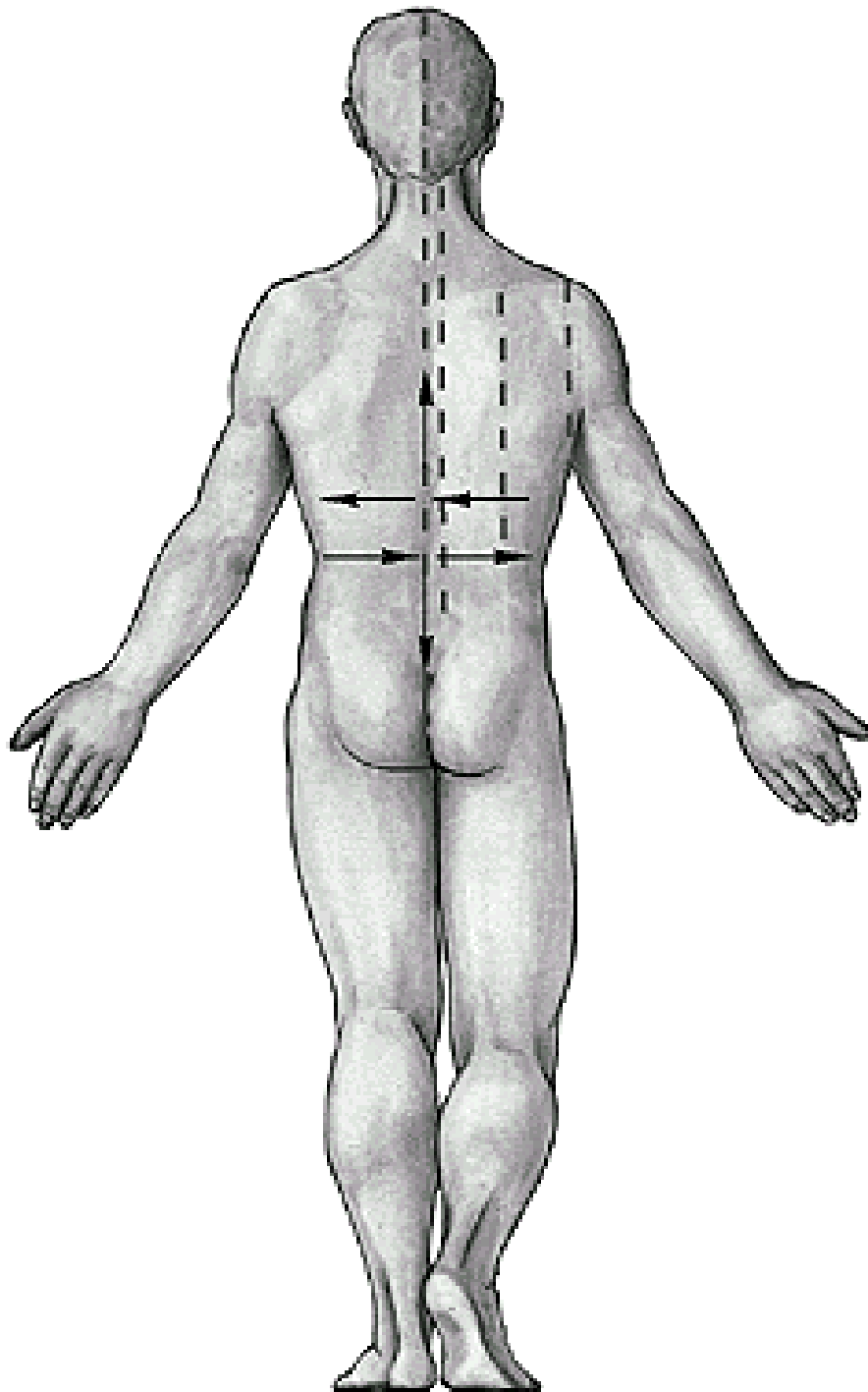


TOPOGRAFICKÁ ANATOMIE HRUDNÍKU



Orientační čáry na hrudníku :

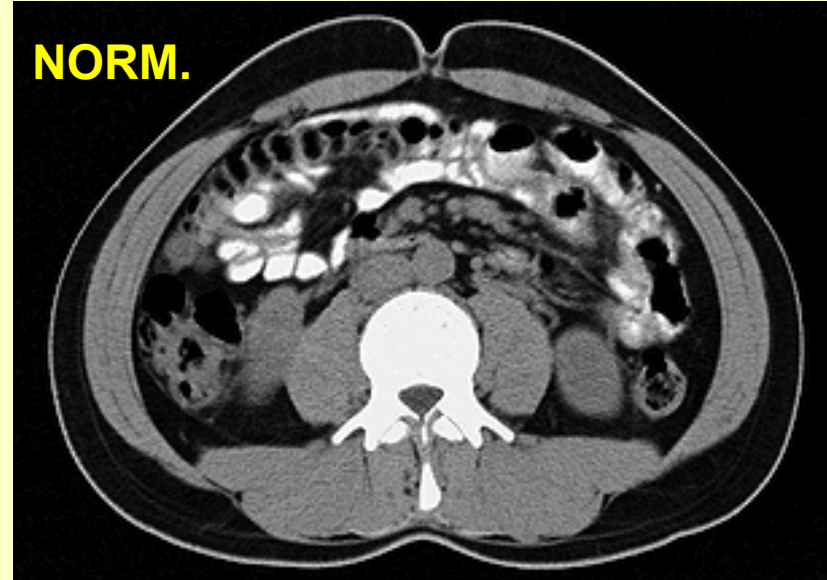
**Linea mediana ant.
sternalis
parasternalis
mcl
axillaris....**



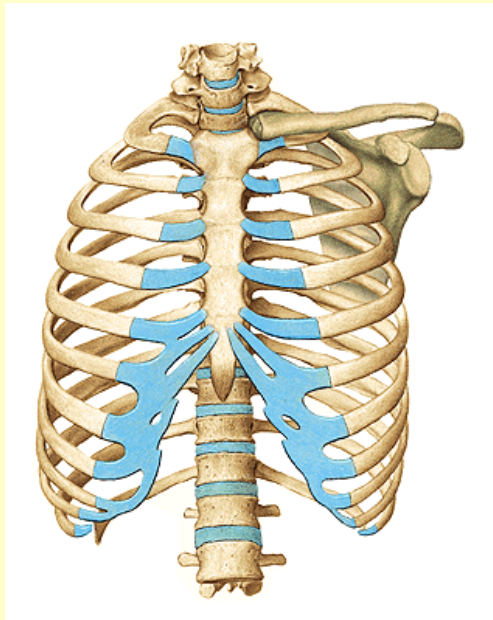
**Linea axill. post.
scapularis
paravertebralis
mediana posterior**

1) Asthenický

NORM.



2) pyknický

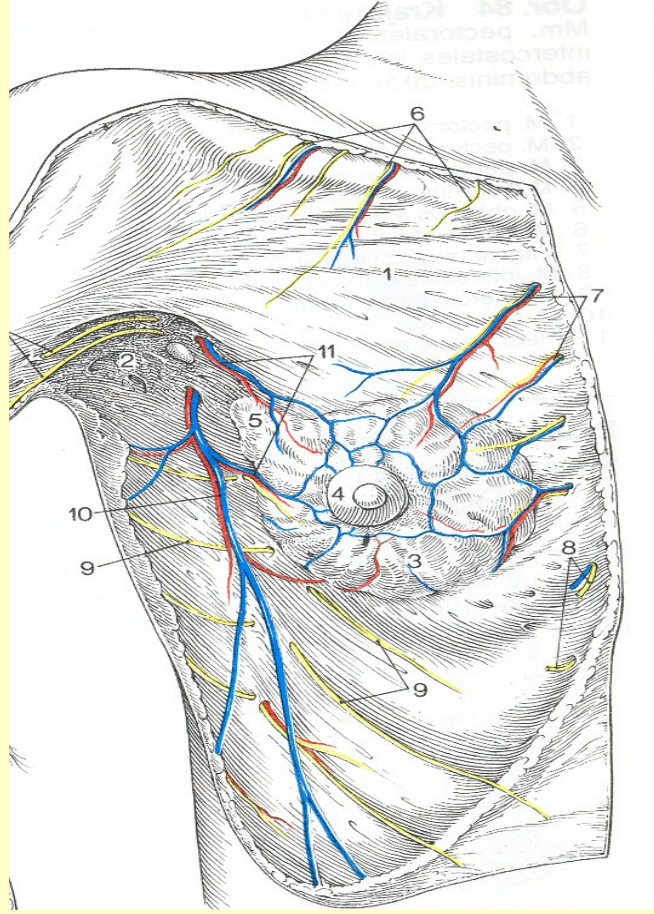


Typy hrudníku

A) Infundibulární
„ševcovský „

B) Pectus carinatum
gallinaceum “ptačí“

nn. supraclavicul.



Regio pectoralis mammalis (- ria)

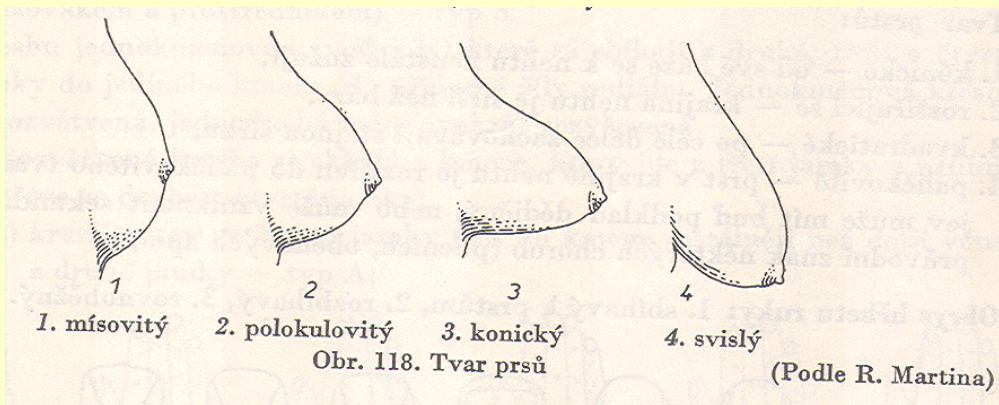
Podkoží :

**rr. cutanei ant. + lat.
(z n. intercostalis)**

**v. thoracoepigastrica
rr. pectorales tepenné**

**mamma uložení:
Cos. 2 – 5 efemérní
Cos. 3 – 6**

Čáry....:



1. mísovité

2. polokulovitý

3. konický

4. svislý

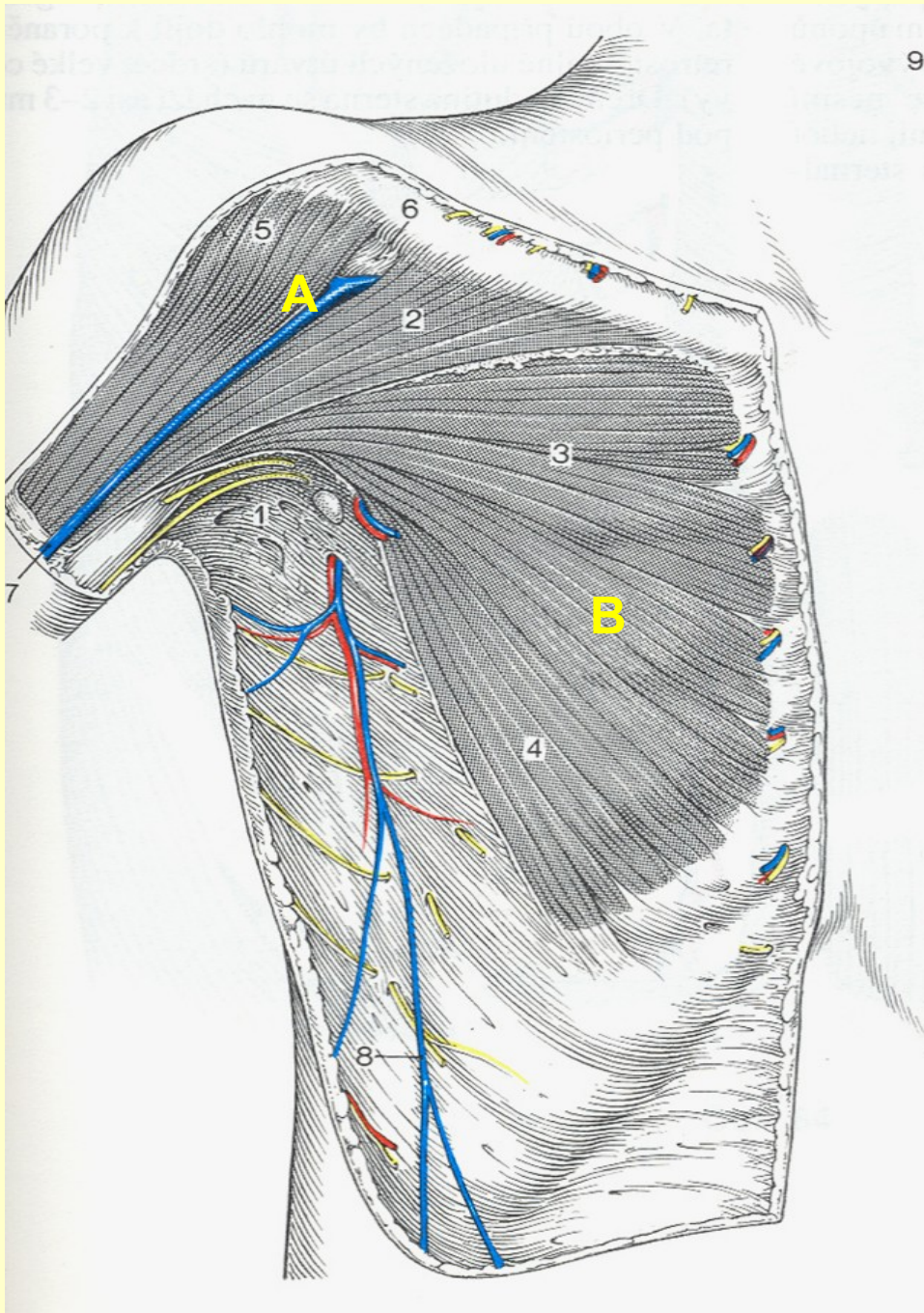
Obr. 118. Tvar prsů

(Podle R. Martina)

disc.

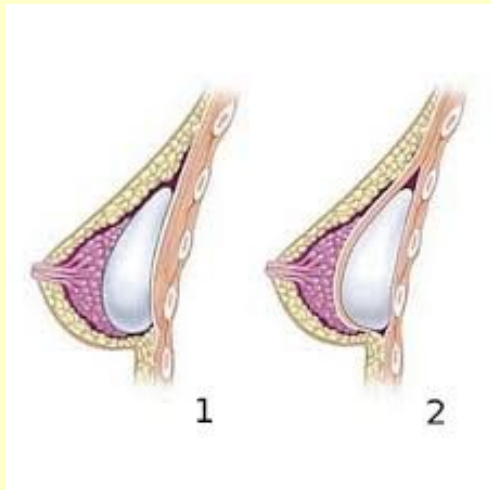
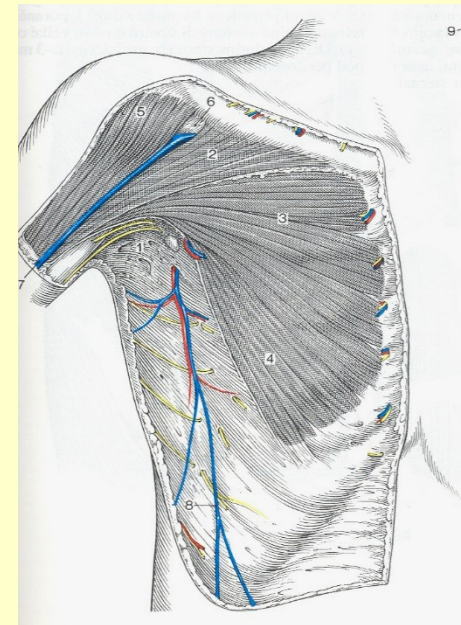
hemisph.

pendula

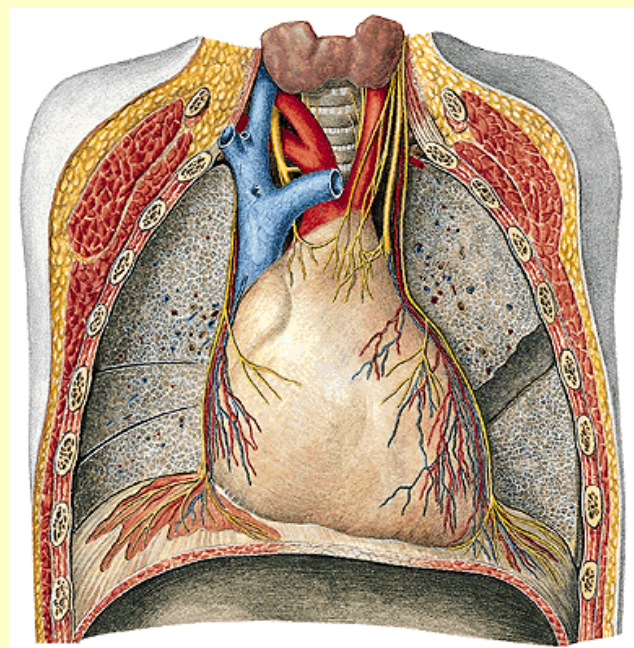
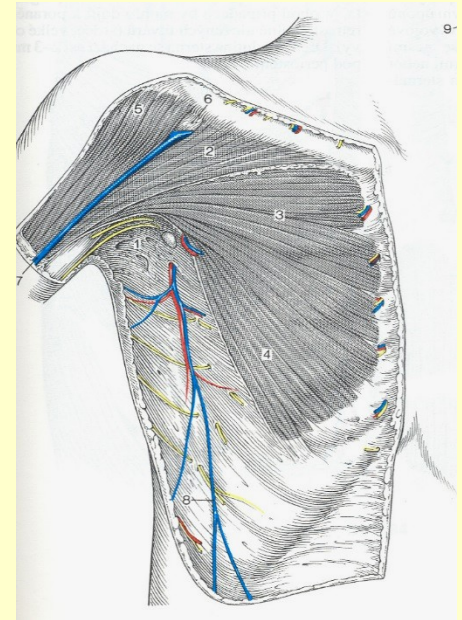
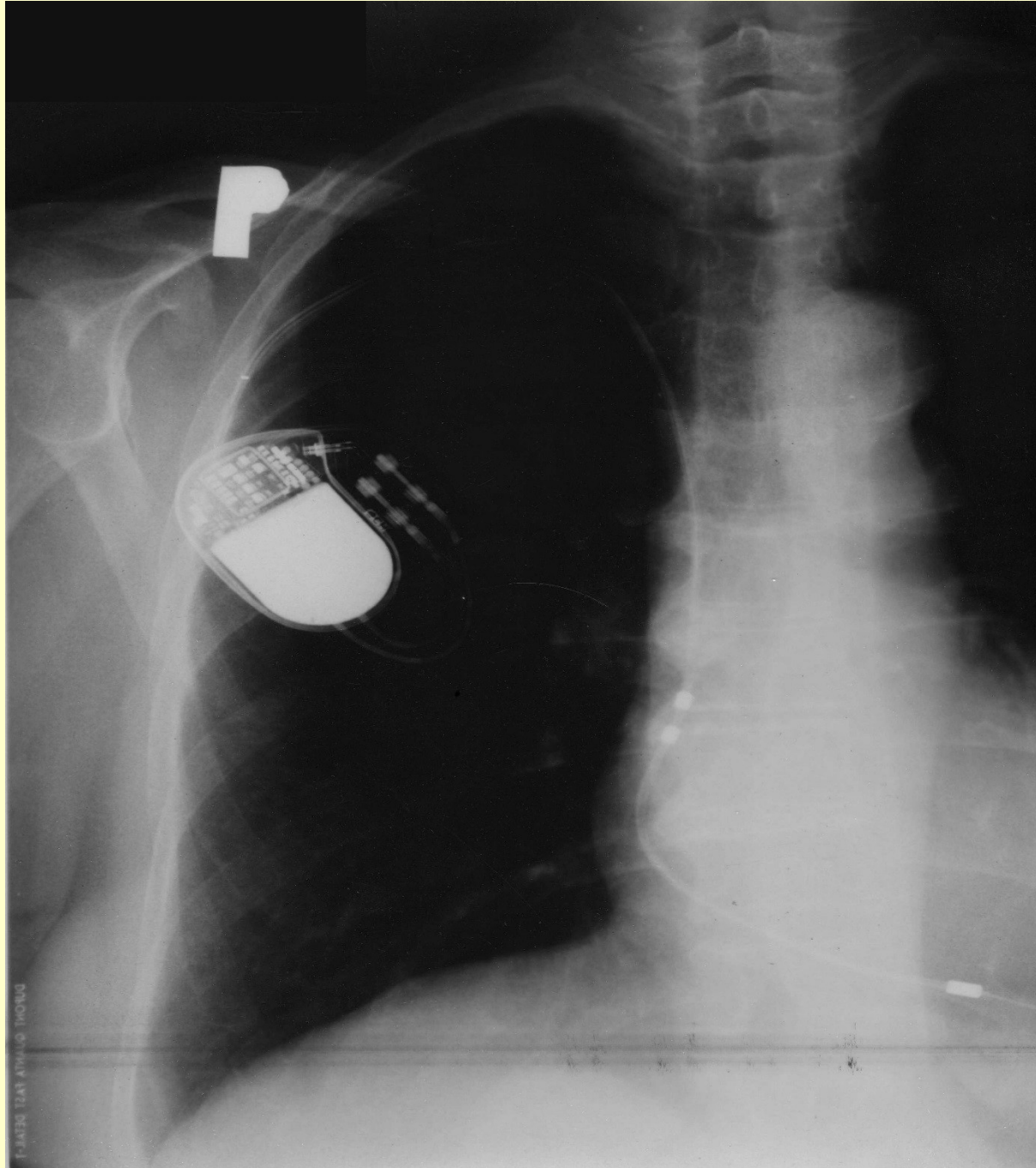


m. pectoralis maj.
v. cephalica
= fossa clavipectoral.
Mohrenheimi
vasa thor. lat. + nervus thor. long.

A : Katetrizace
B : Plastika (ca mammae)



Plastika mammy, augmentace



kardiostimulátor



KARDIOSTIMULÁTOR

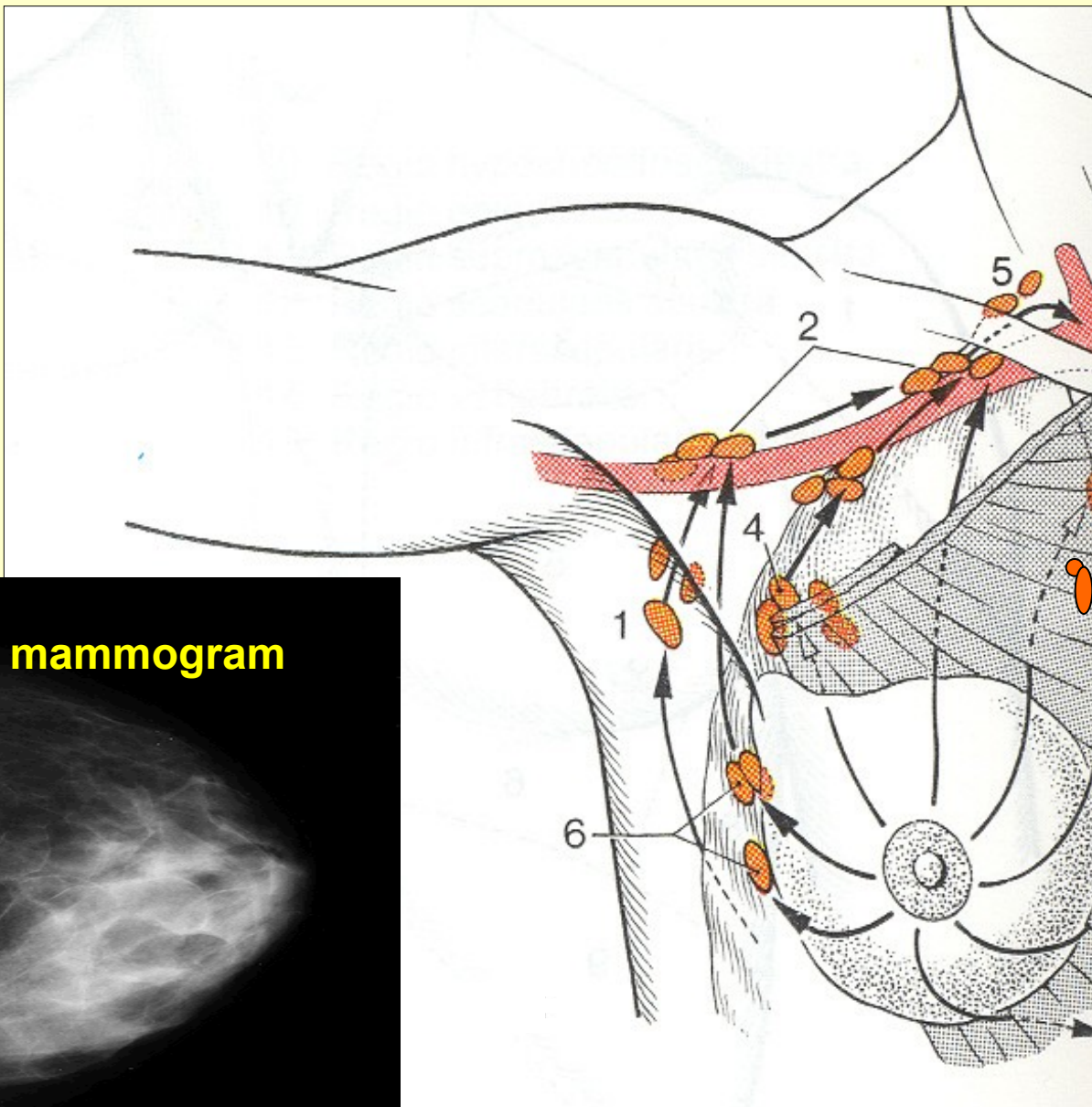


5 cm



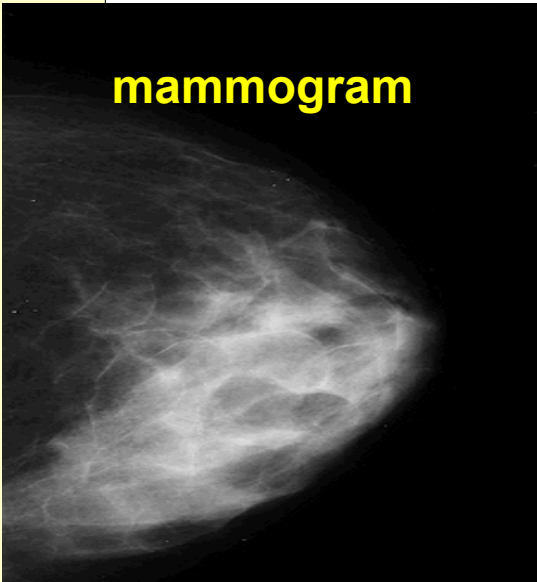
detail elektrody





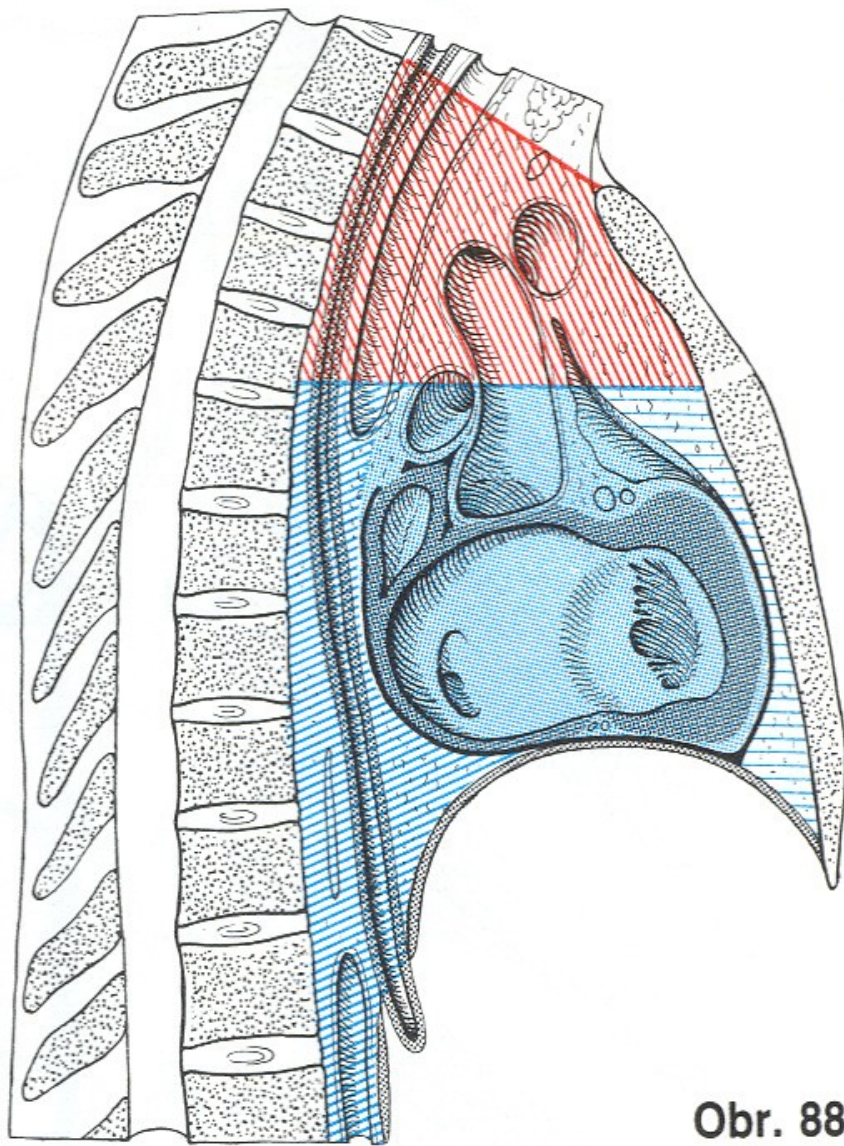
**Nodi
lymphatici :**

- 1- laterales
- 2- infraclavic.
- 3- parasternales
- 4- centrales
- 5- supraclavic.
- 6- pectorales (Sorgius)



kontralaterálně
→

Lymfatická drenáž prsu

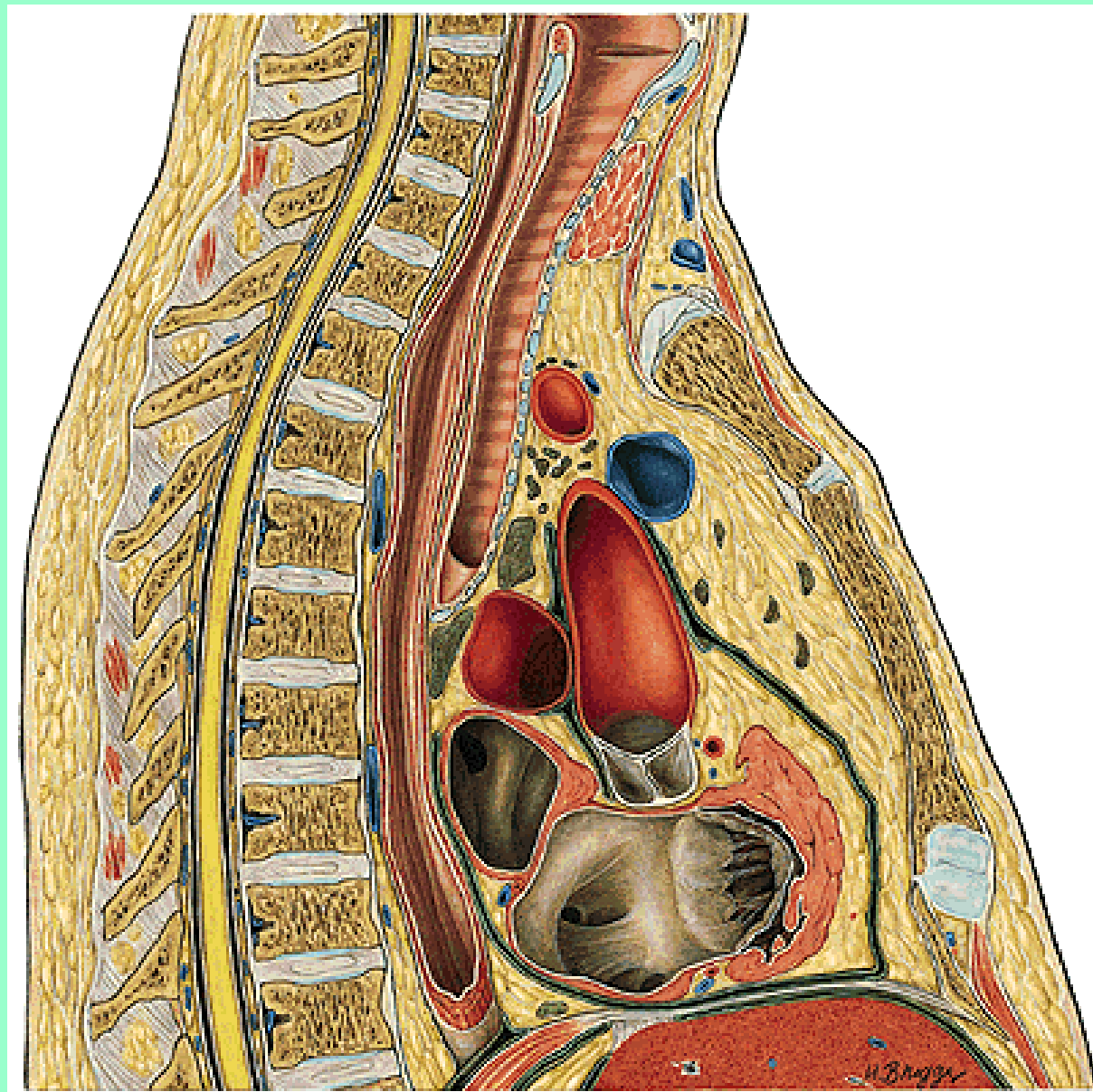


Obr. 88

Mediastinum:

Hranice: a) apertura (Th 1 – man.)
b) angulus sterni -Th 4
c) diaphragma

Horní
Střední
Přední
Zadní



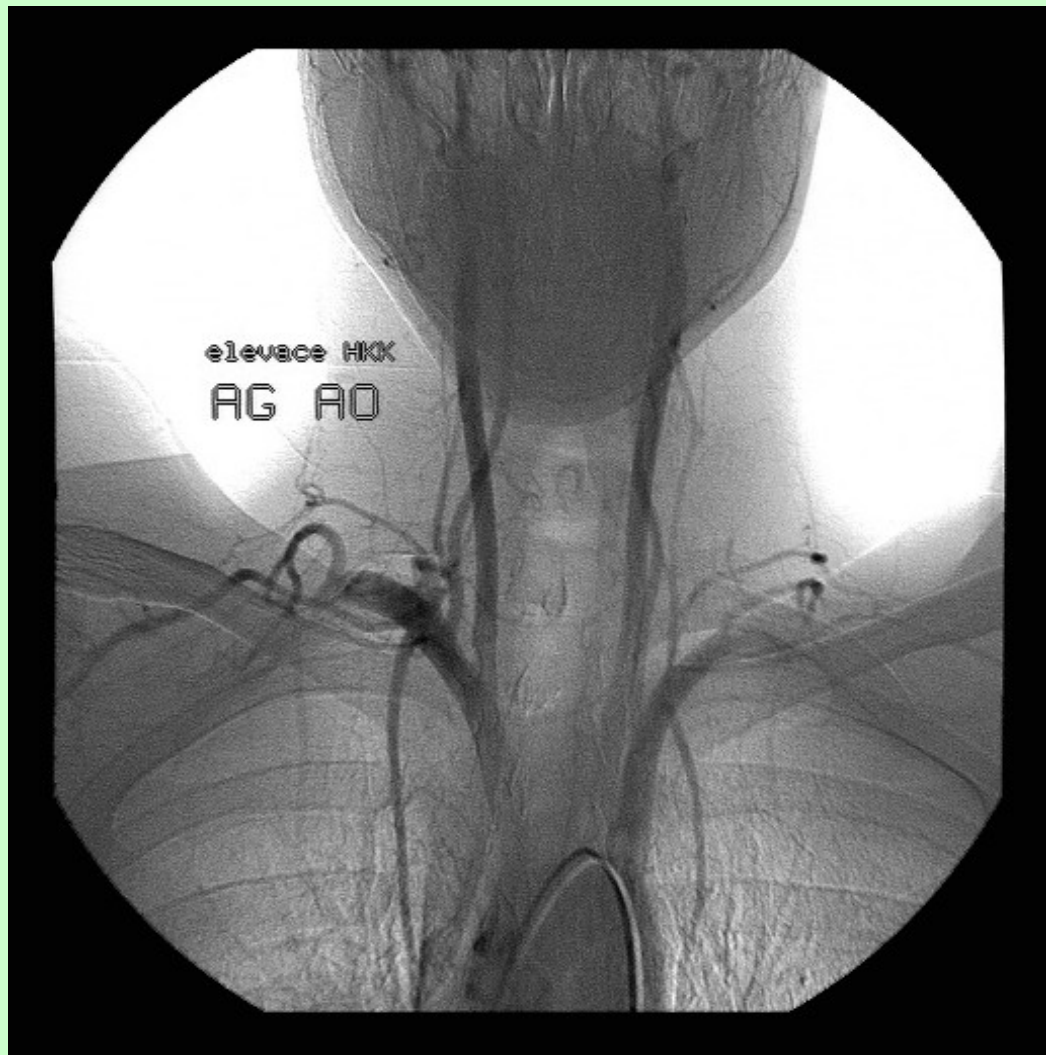
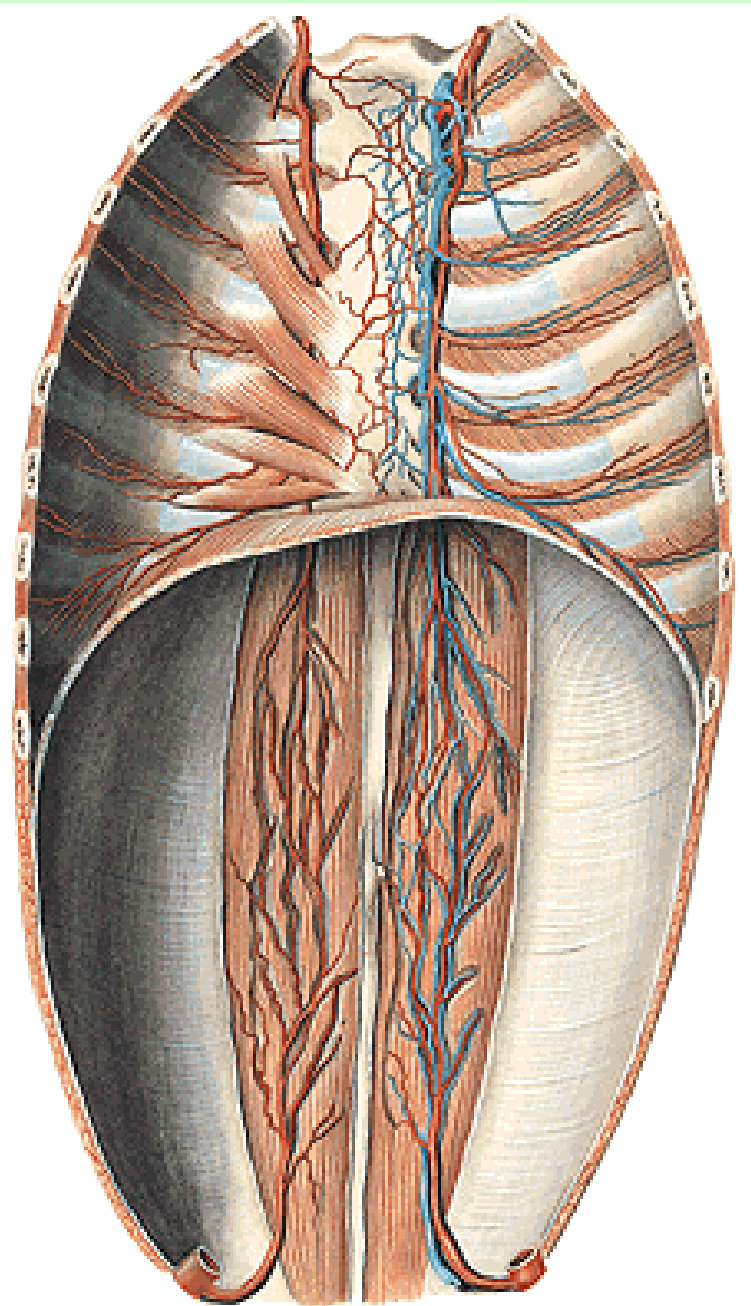
Mediastinum ant.

Vasa thoracica int.

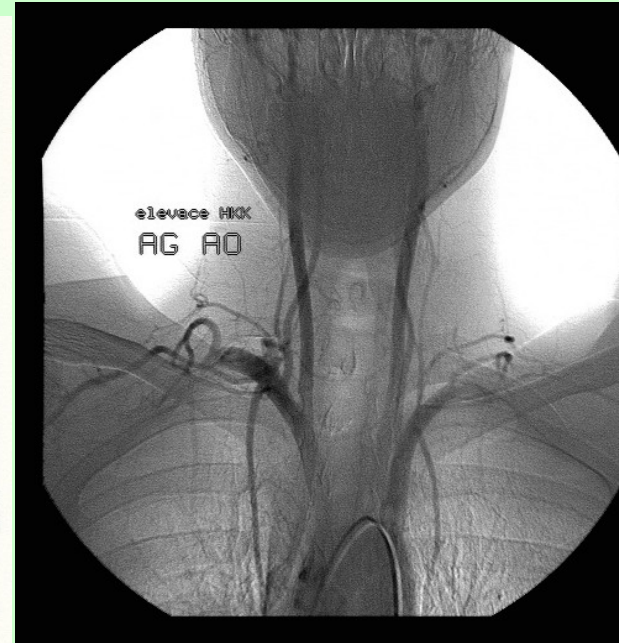
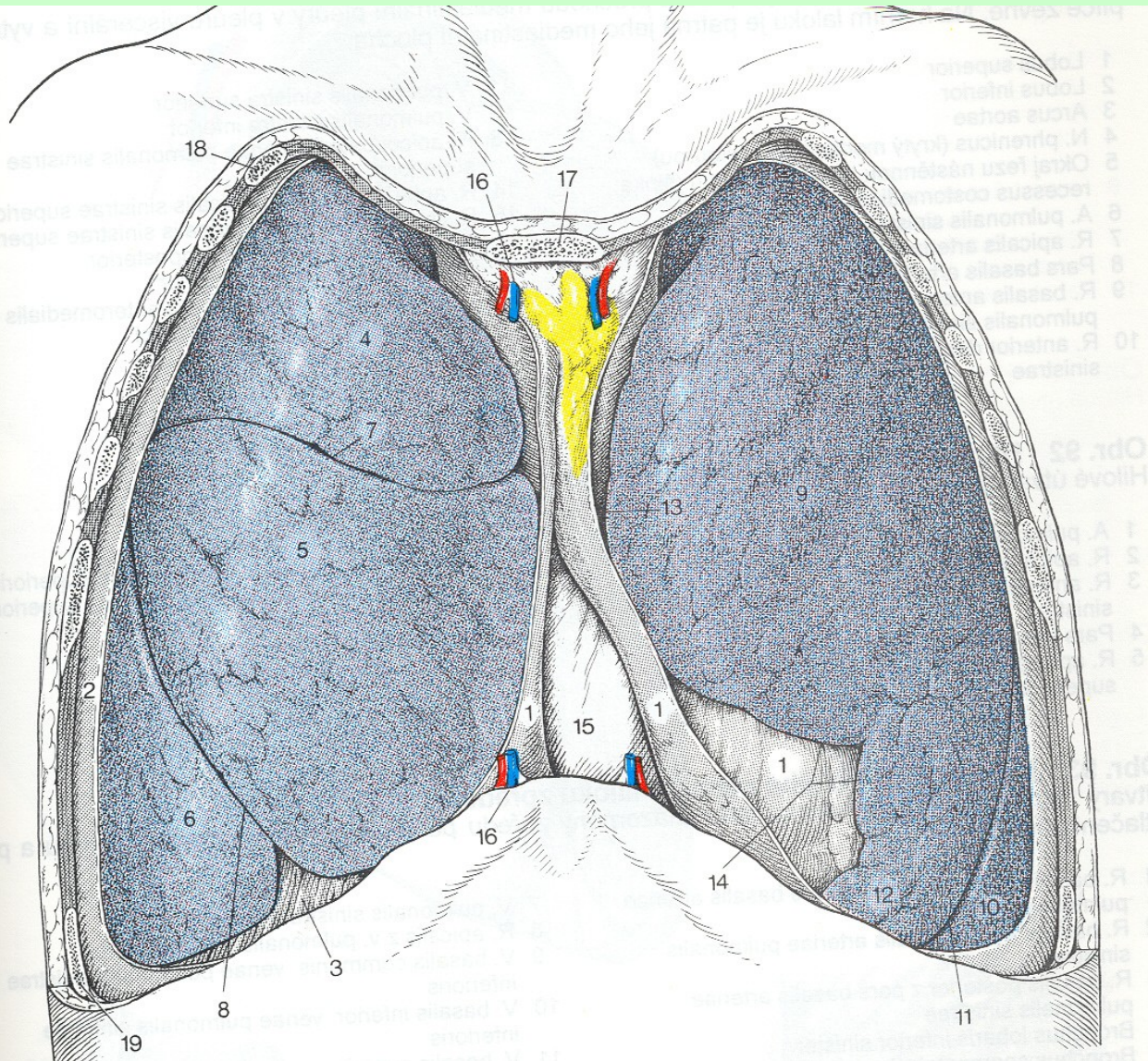
Nákres.....

By pass s RIA

Praekardiální vak



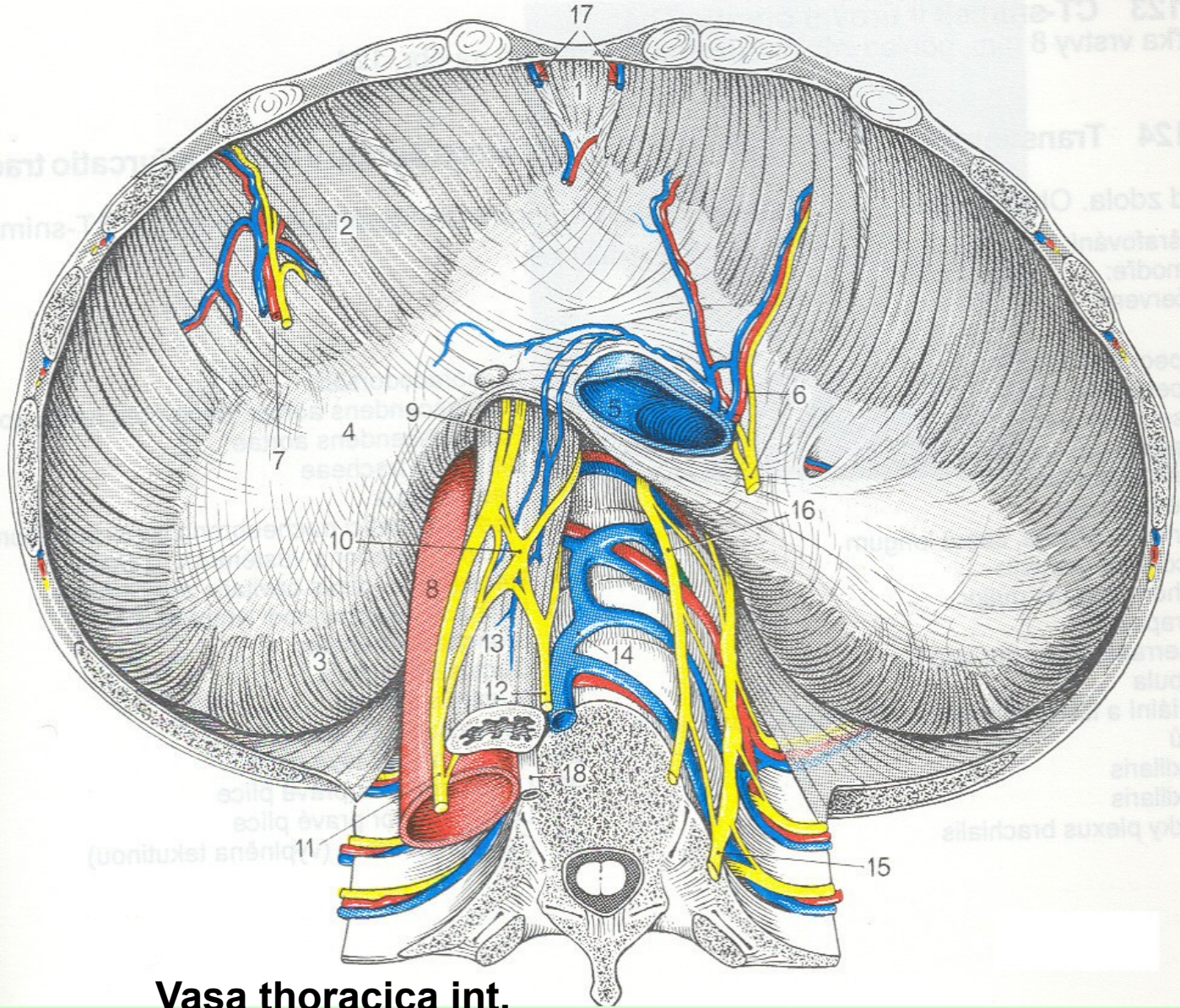
Vasa thoracica int.



**vasa thoracica
+ nodi lymph.
parasternales**

rec. costomediast.

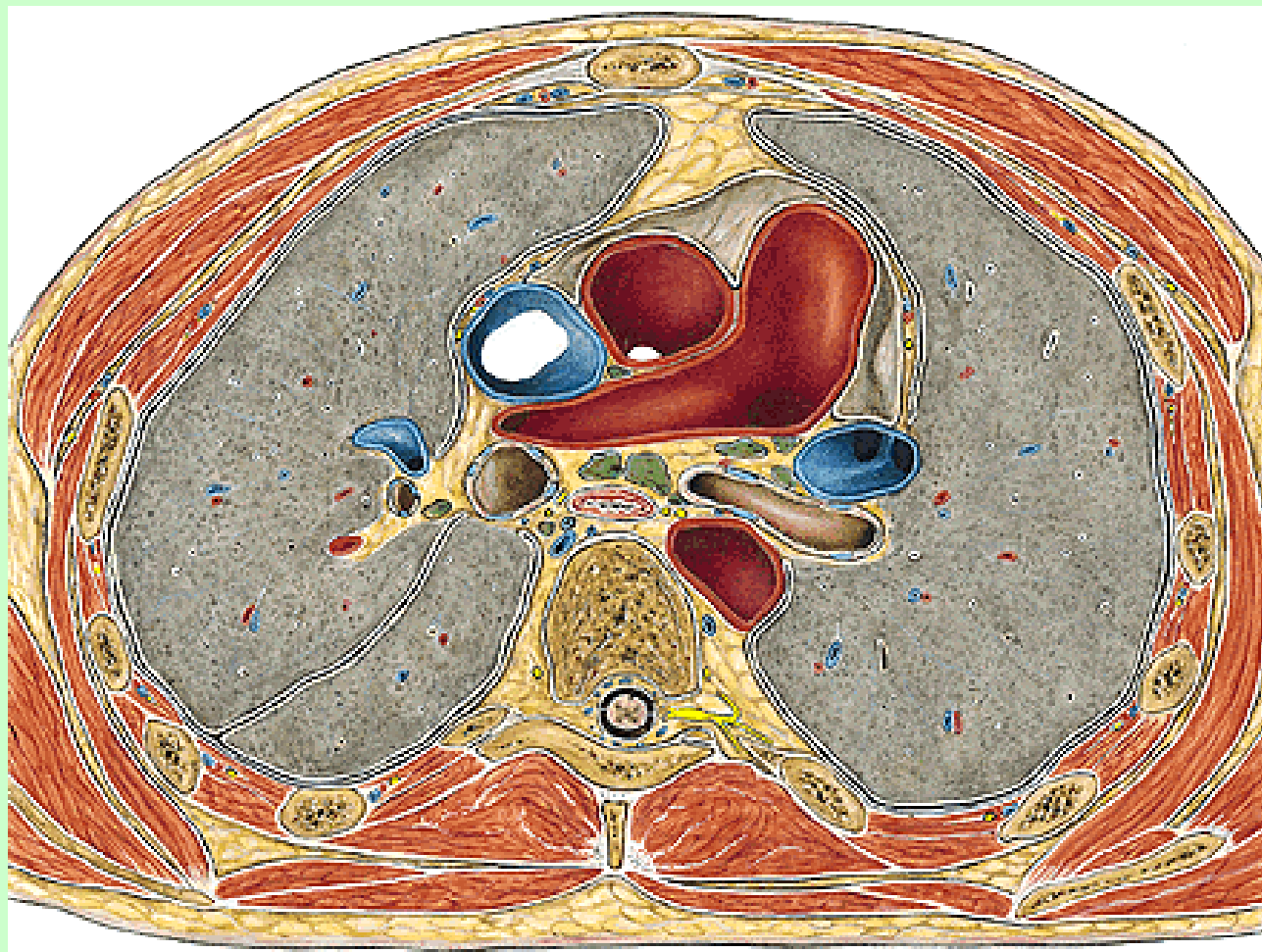
Přední mediastinum



shora
dx.

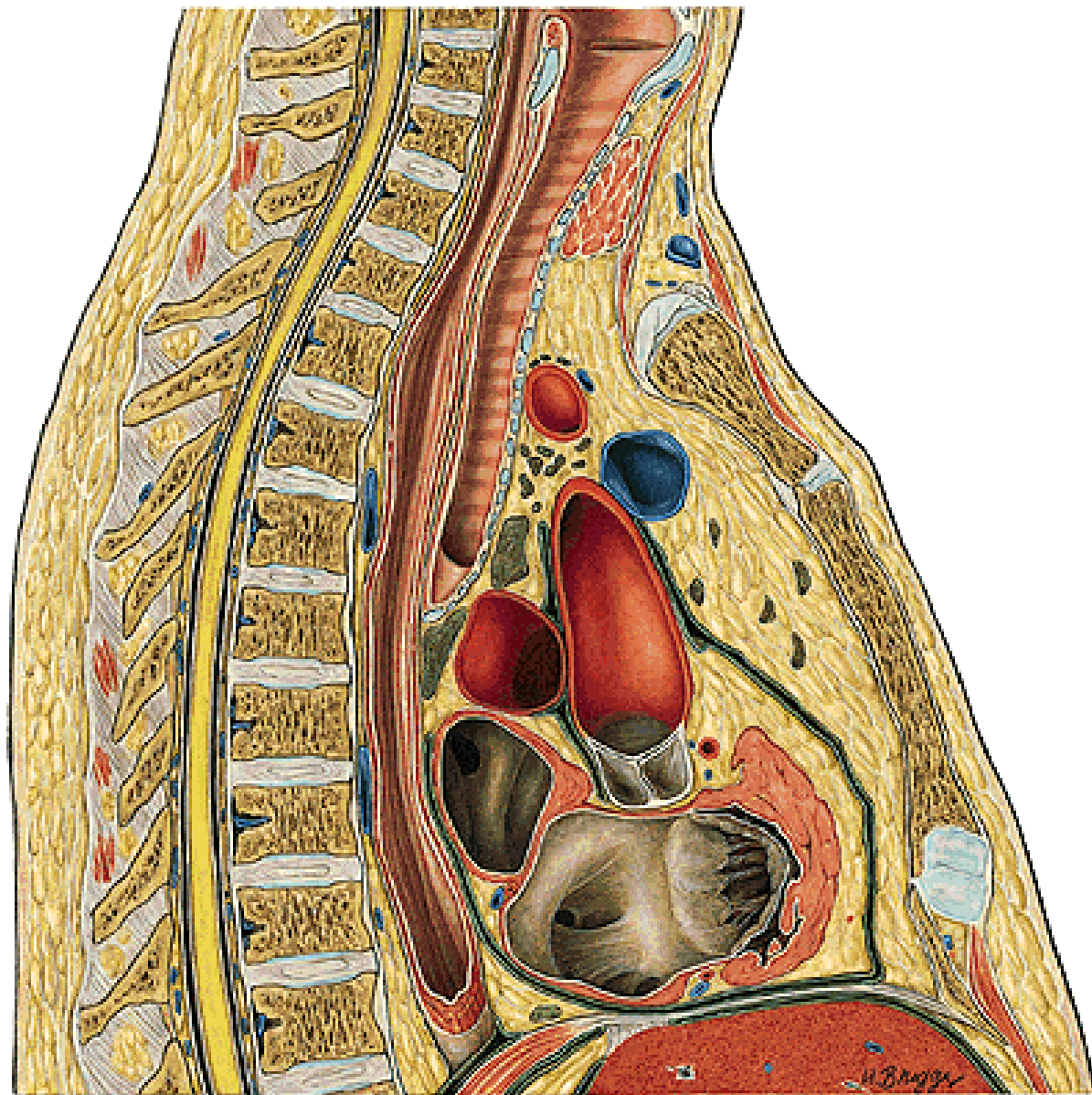
Vasa thoracica int.

Trigona : sternocostale, lumbocostale,
fissura : Larei, Bochdaleki - **HERNIE**



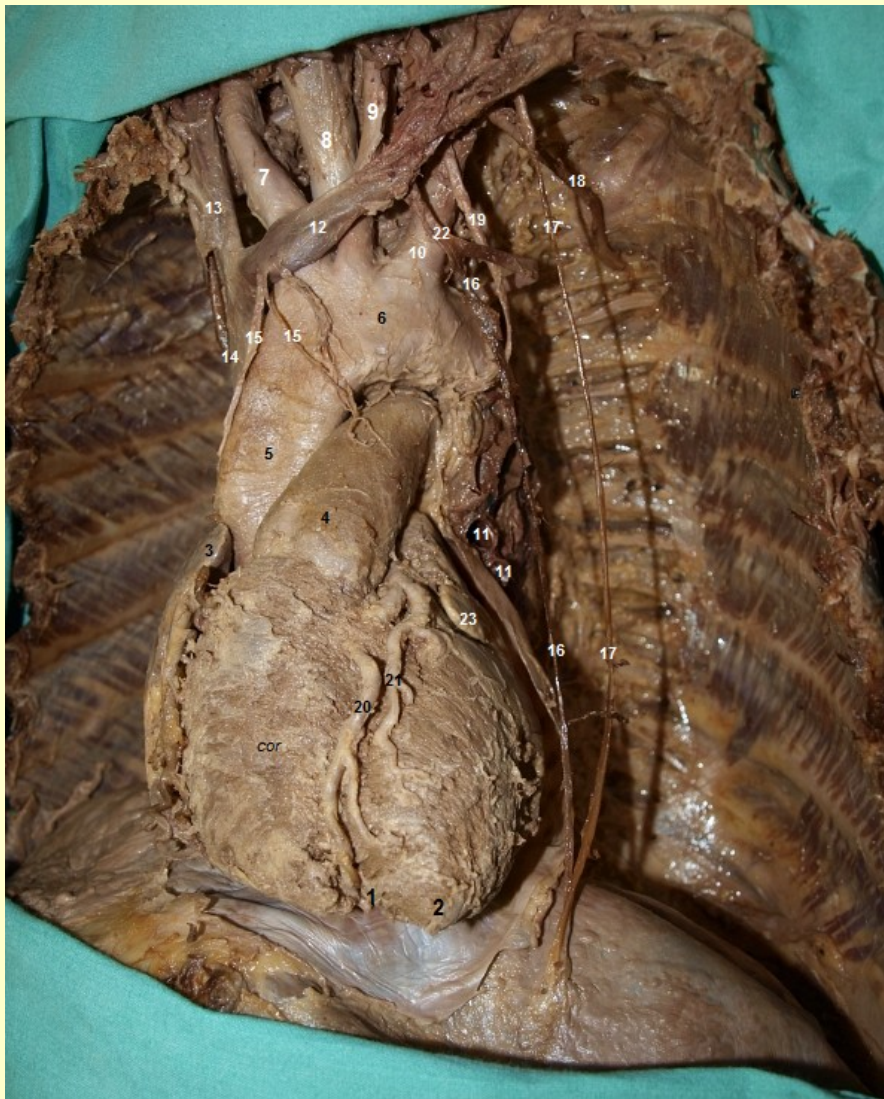
Vasa thorac. int.

Mediastinum ant. Th 5 - zespodu

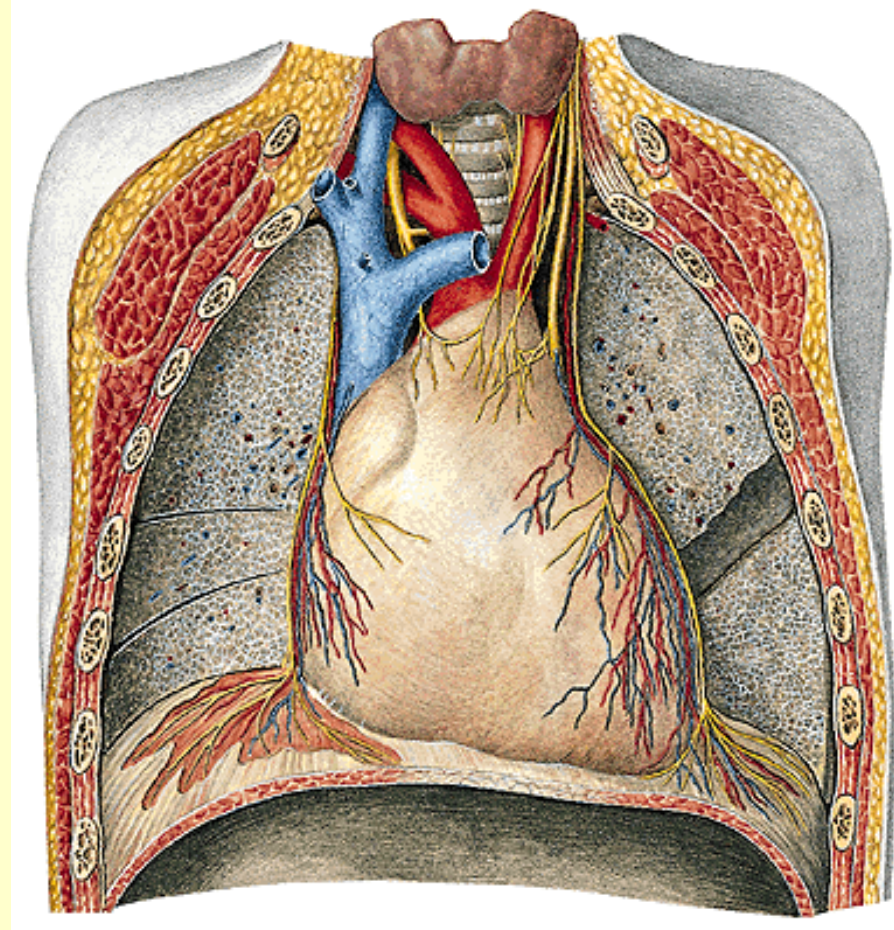


Cor + vasa + nn.

Mediastinum medium

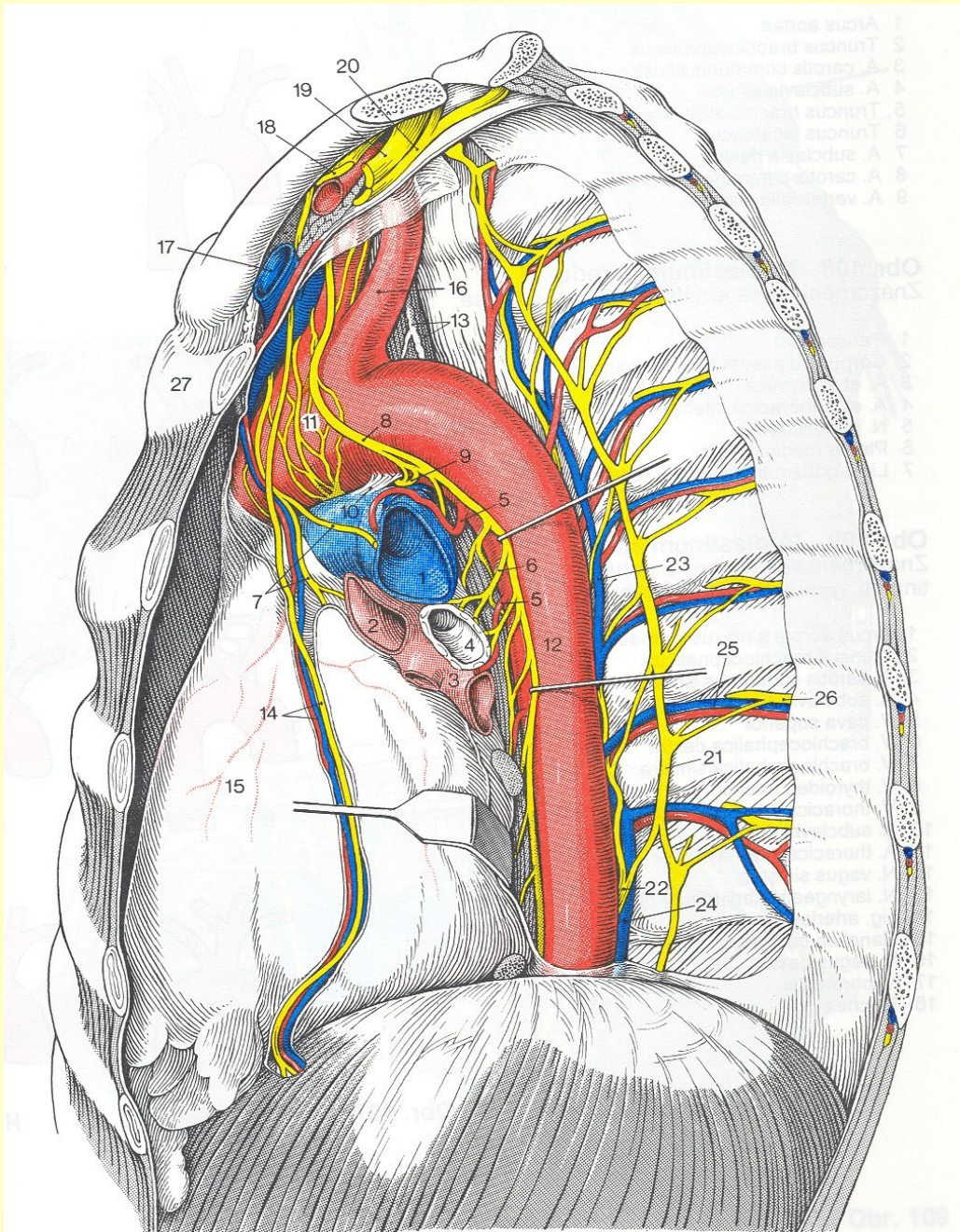


Mediastinum medium



Vasa pericardiaco-
phrenica

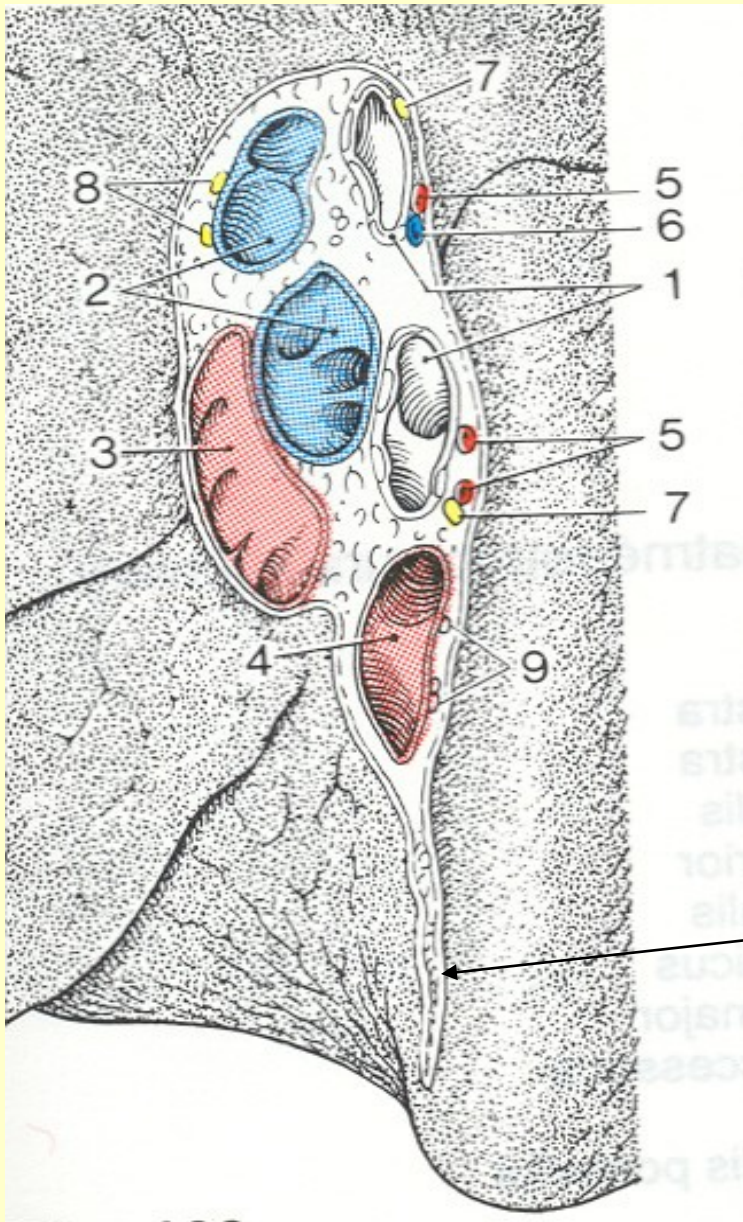
n. phrenicus,
singultus



Vasa pericardiacophrenica

+ n. phrenicus sin.

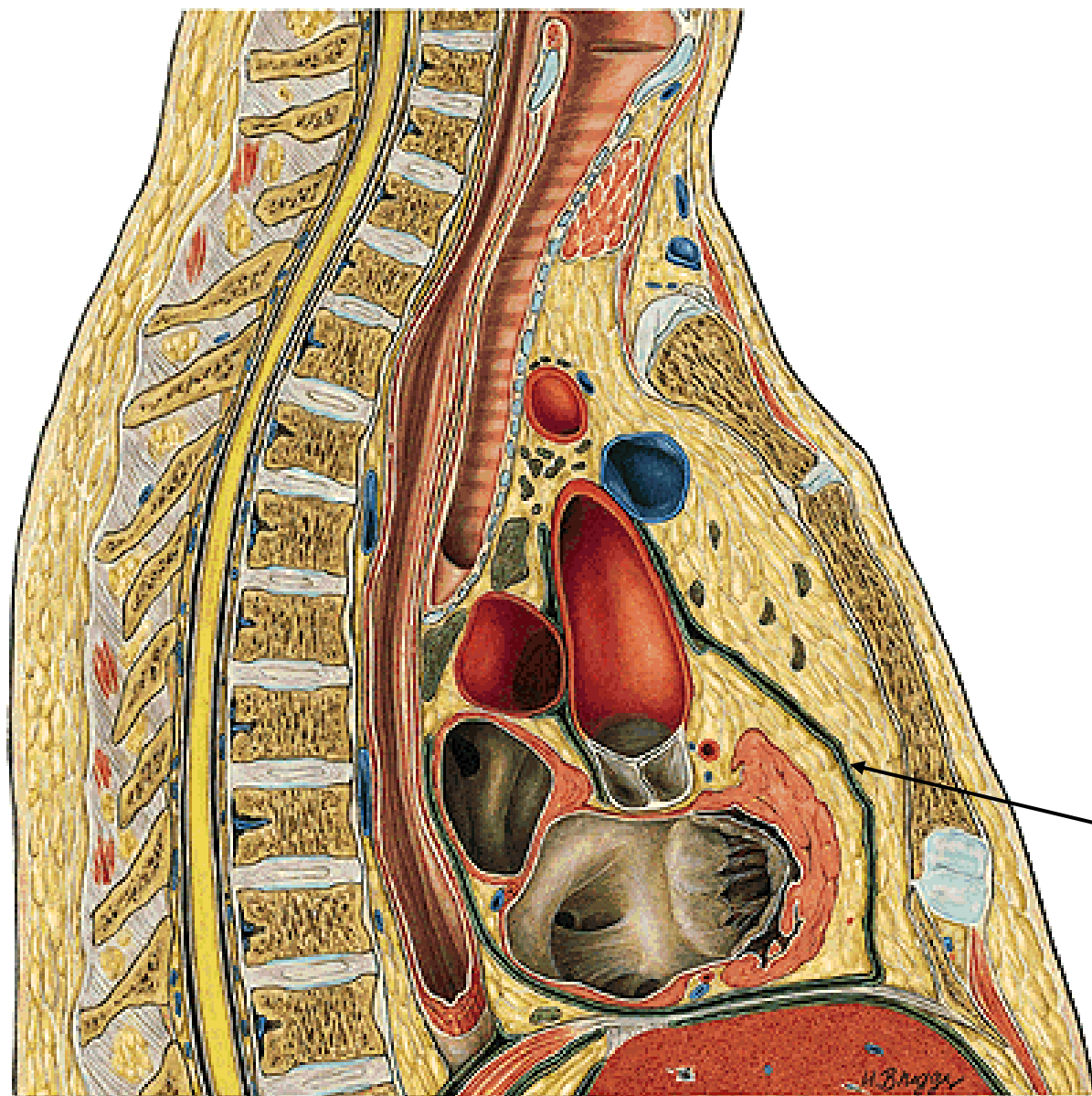
+ HILUS →



Hilus dexter:

B A V

Lig. pulmonale.....



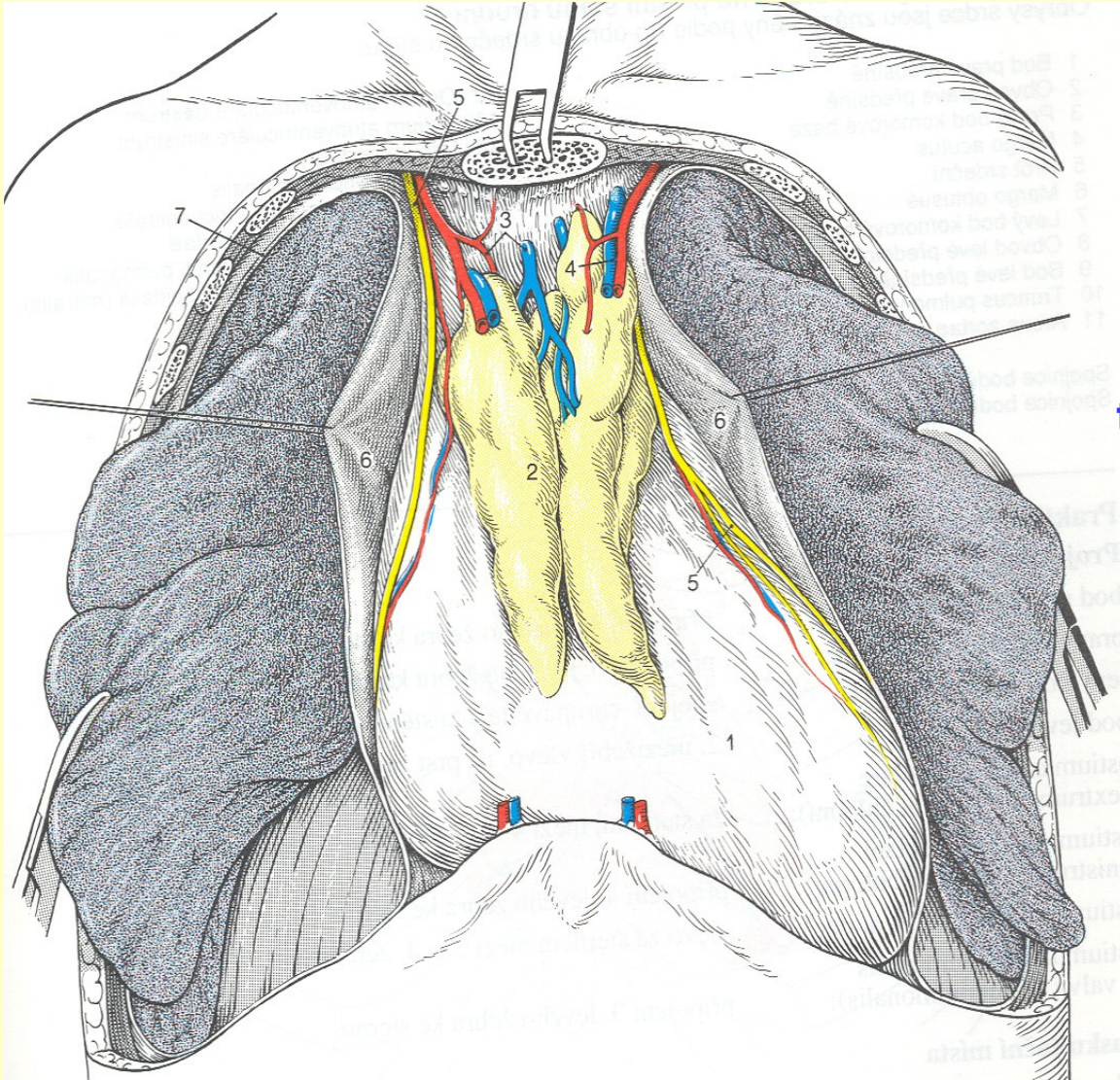
Area thymica

aorta, a. pulmon.
v. brachioceph.

trachea

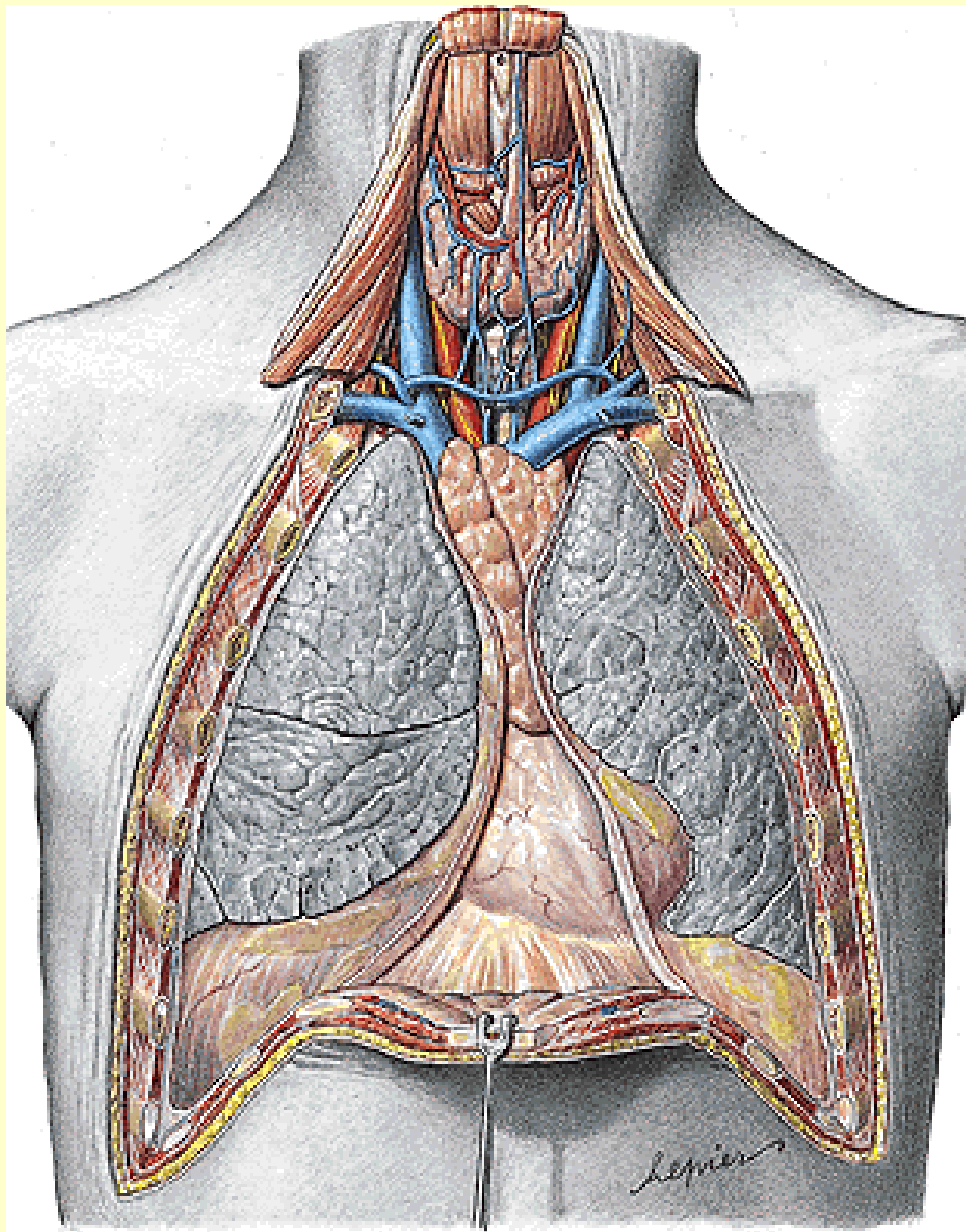
(perikard, epikard,
coron. tepny)

Mediastinum superius



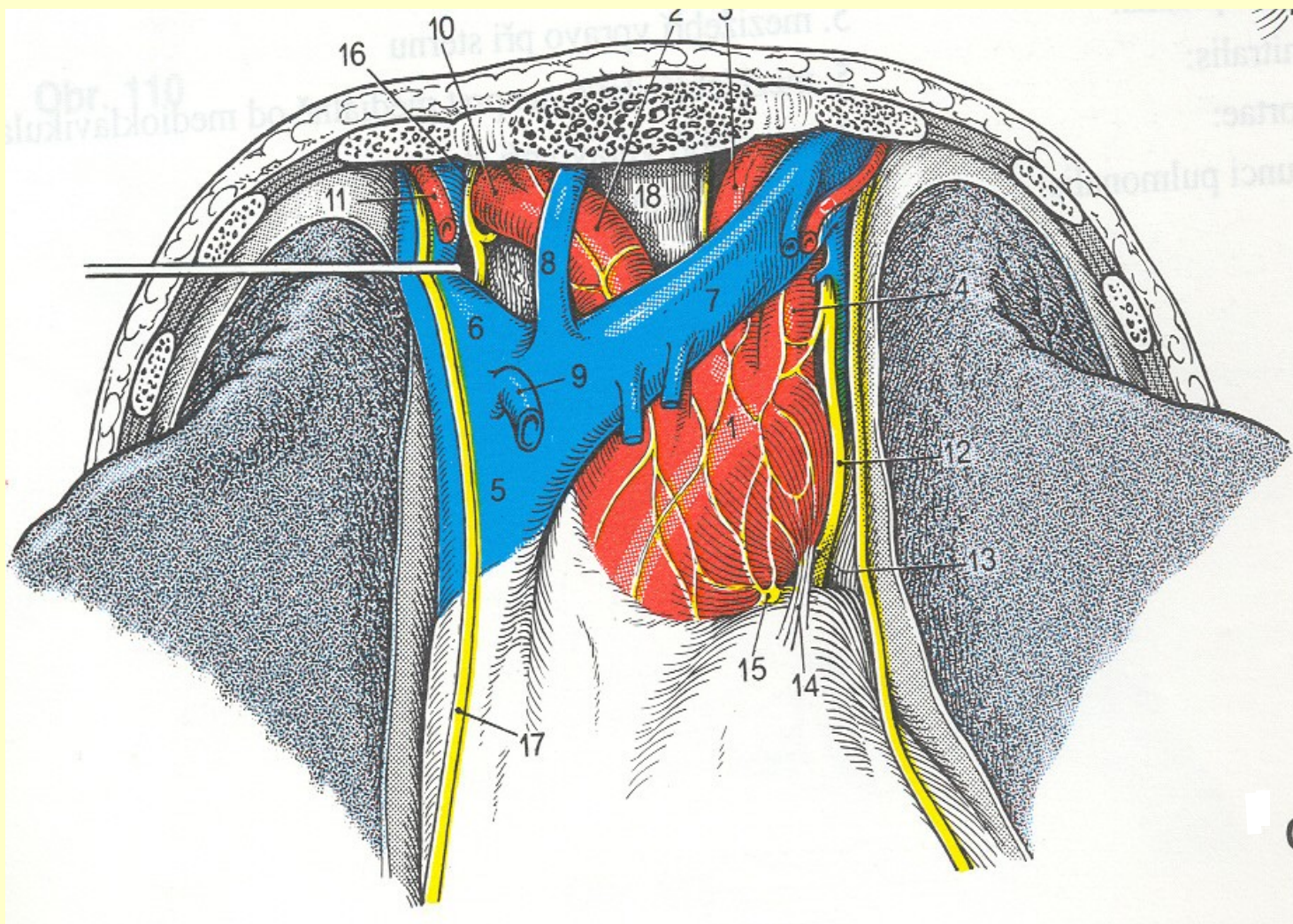
thymus – area thymica,
= interpleuralis sup.



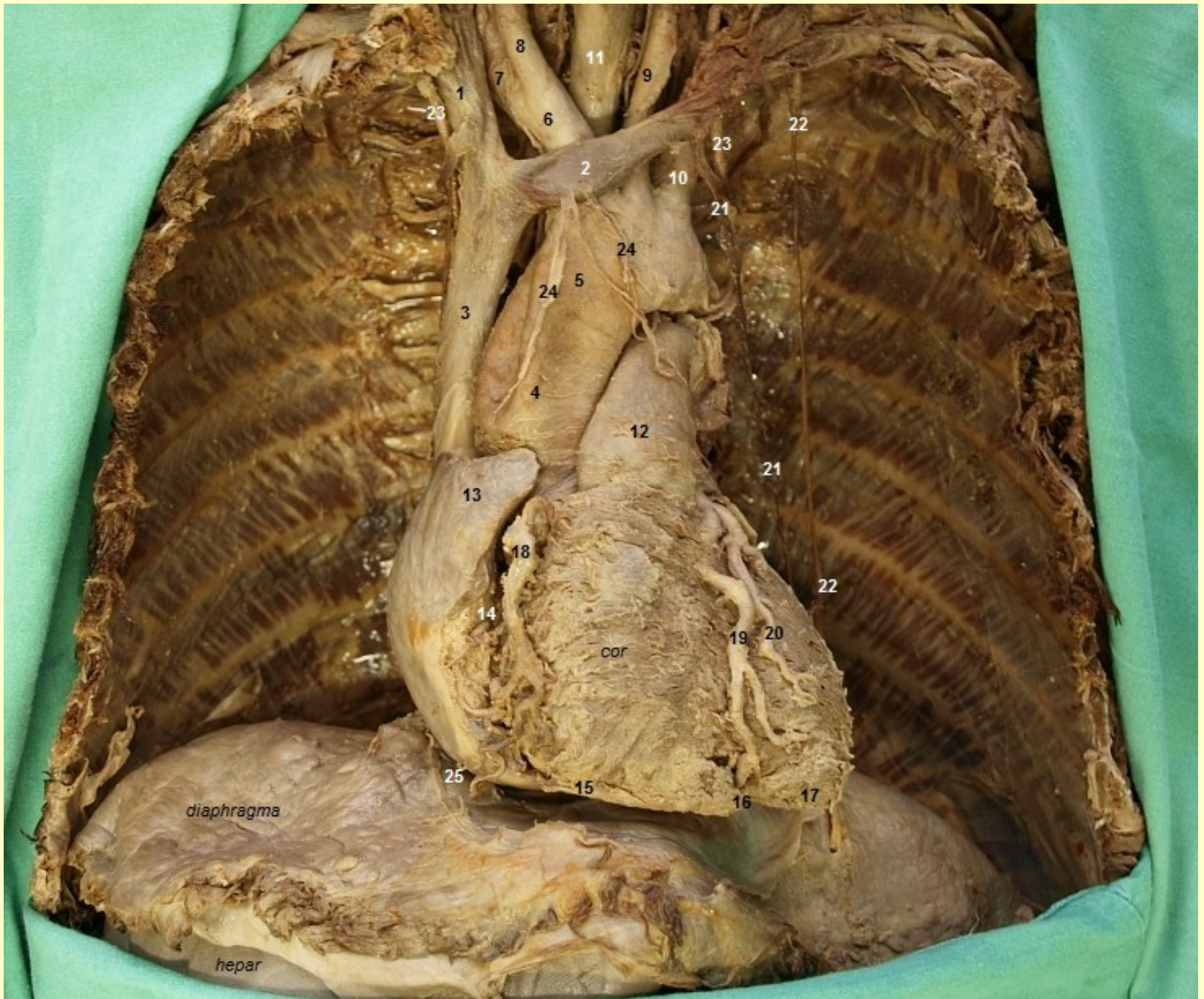


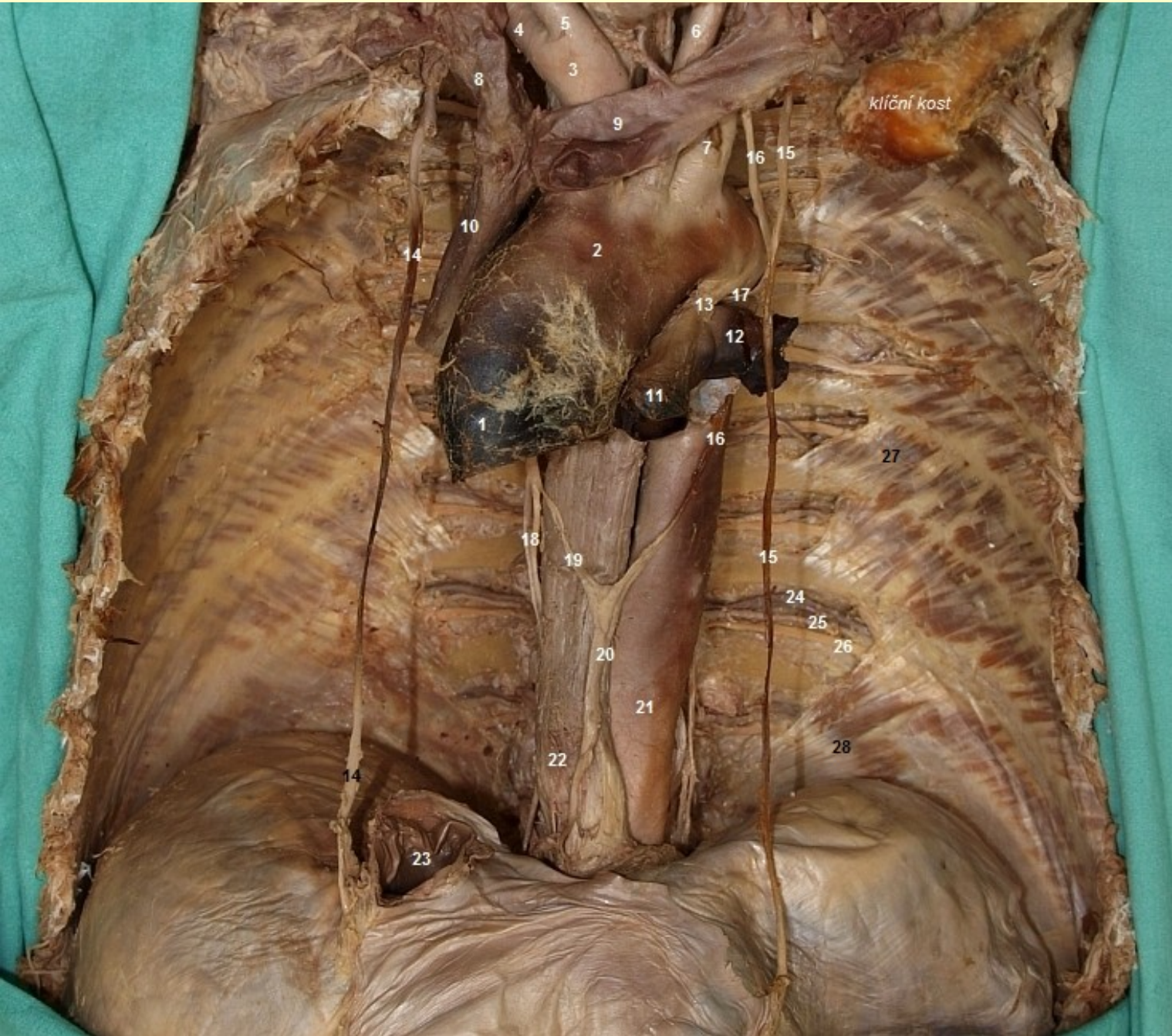
**Odstup velkých cév:
karotidy
v. brachioceph.
thymus**

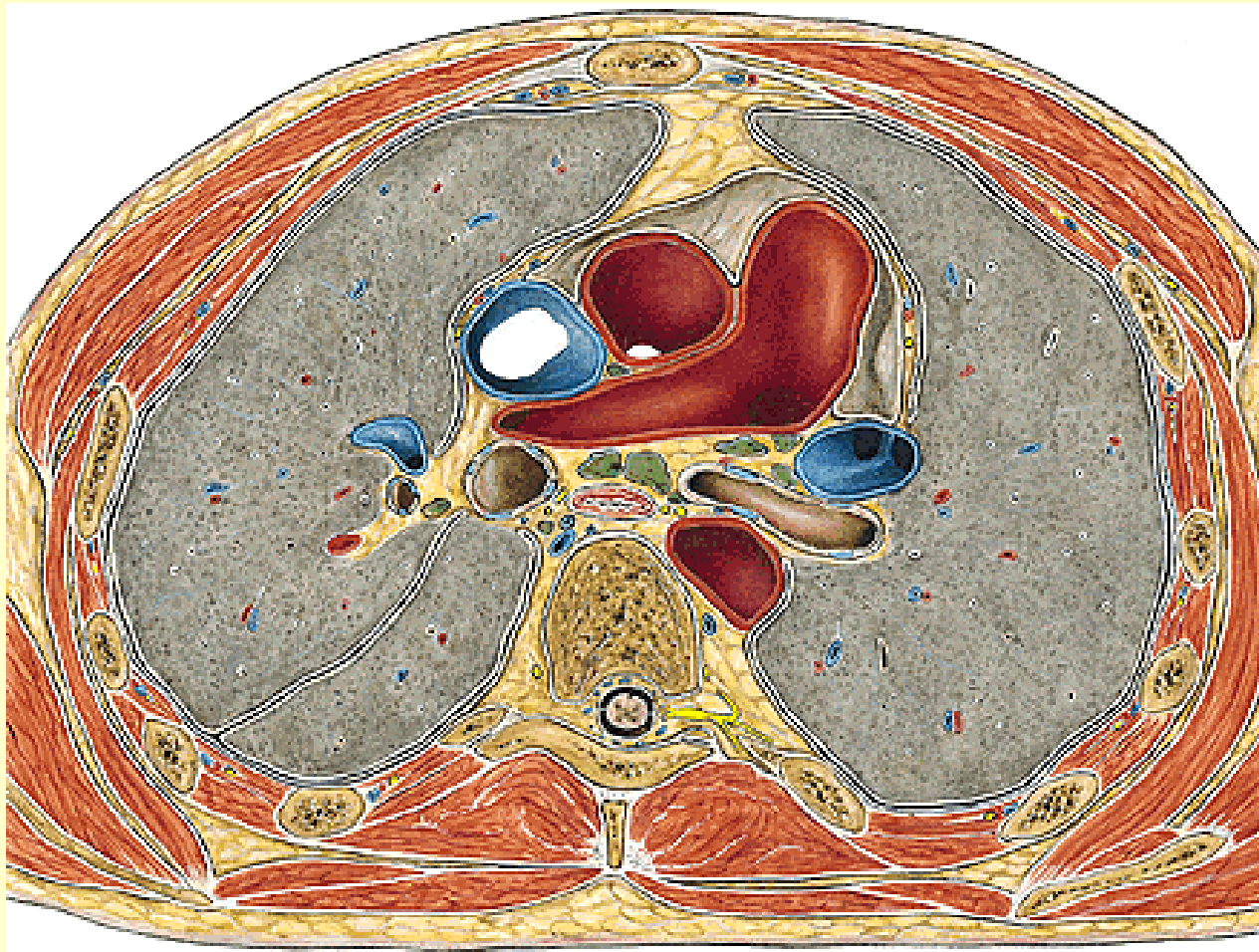
Horní mediastinum



**V. cava, aorta (+ plexus) + větve , v. brachioceph., n.phrenicus
n. vagus – recurrens, trachea**







cava, arcus
aortae

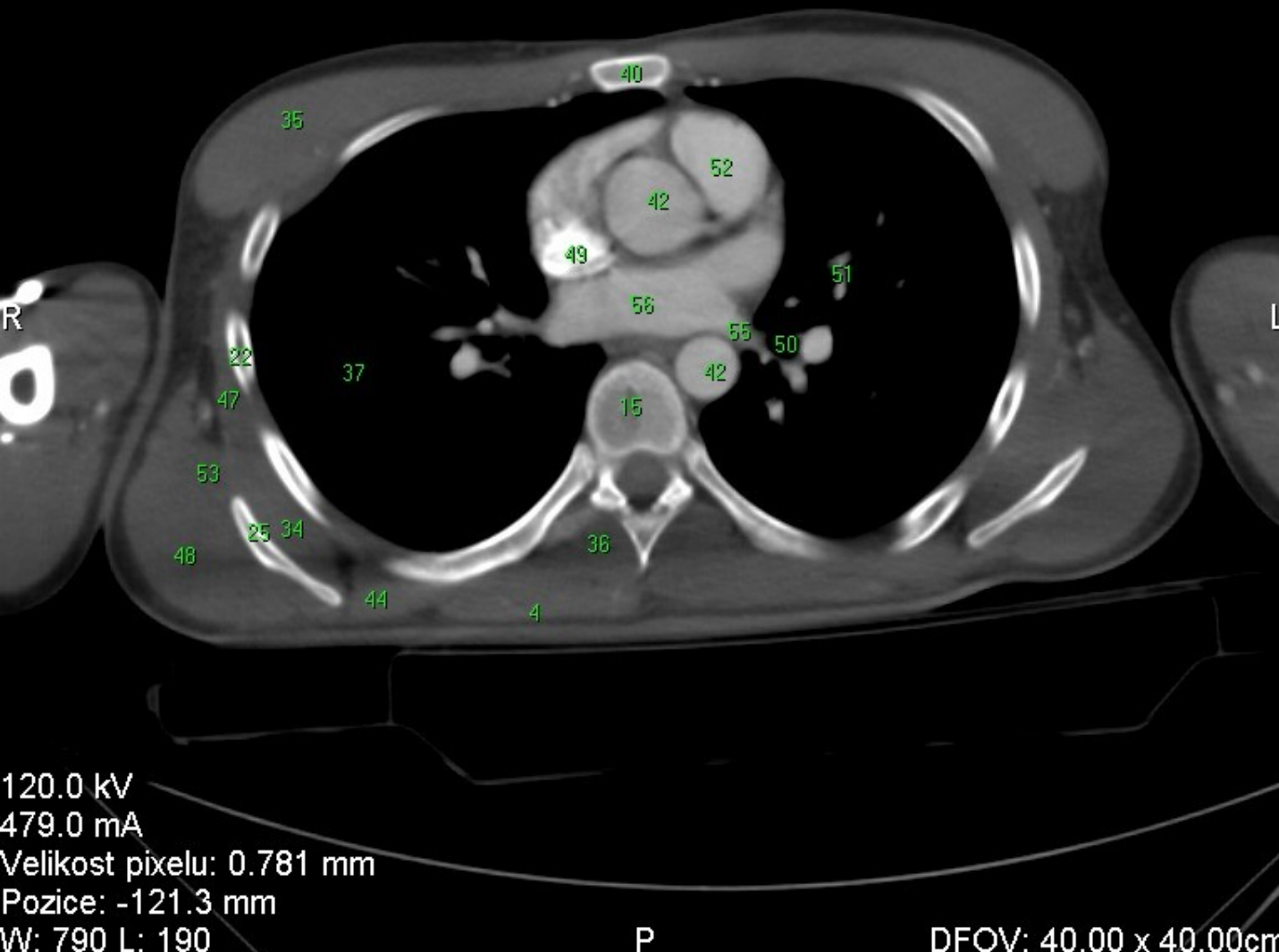
tr. pulmonalis
bronchy
aorta desc.(thor.)

Mediastinum superius

Th 7 - zespodu

CT/8/55
Axial
SOFT KL PACS
CONTRAST

FN BRNO BOHUNICE
A01900
01900
1987/1/1
21Y M
03488
2008/11/7
00:00:00



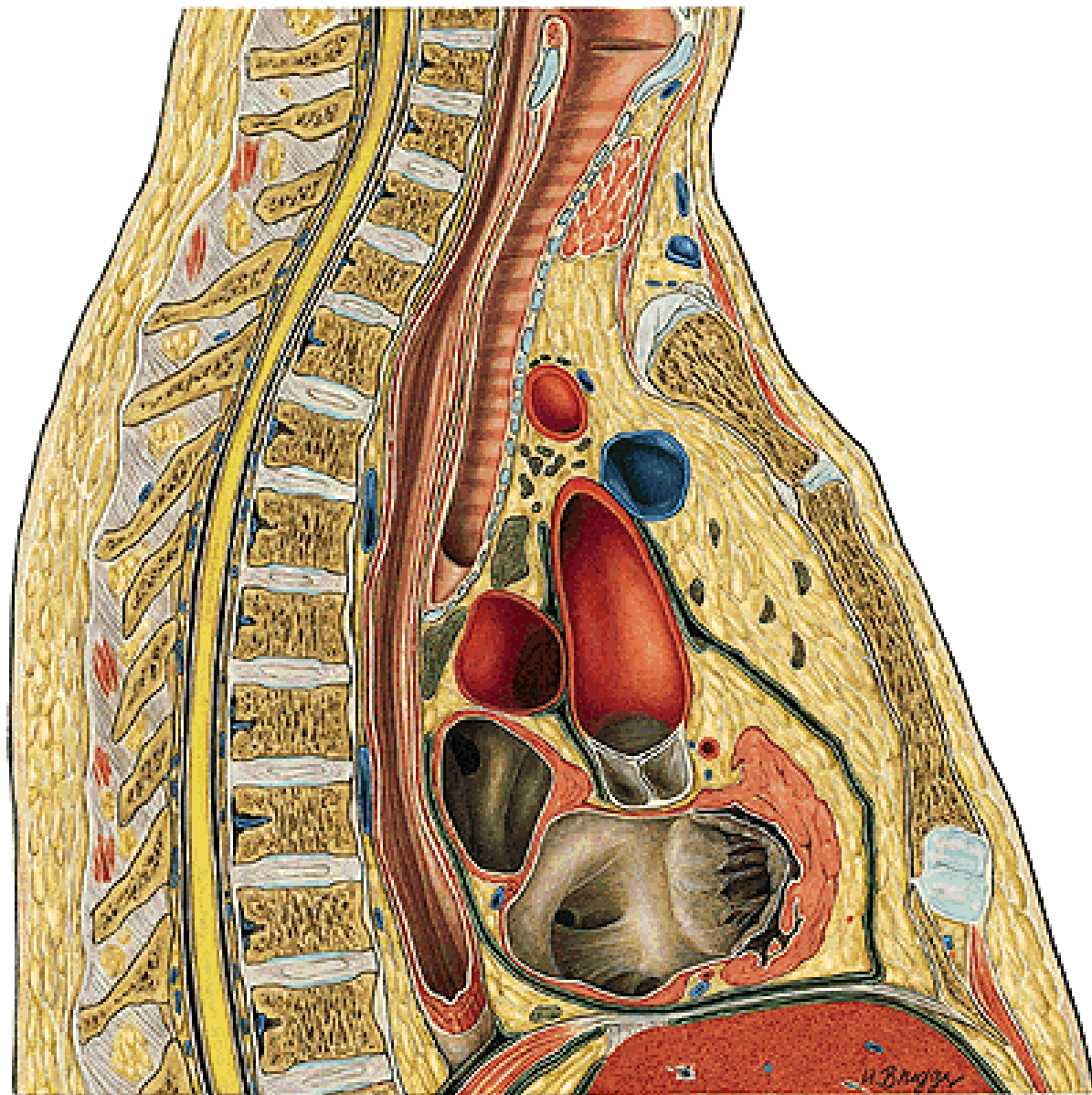
49-v.cava sup.

42 -ao arcus+ desc.

52- pulm.

56- atrium sin.

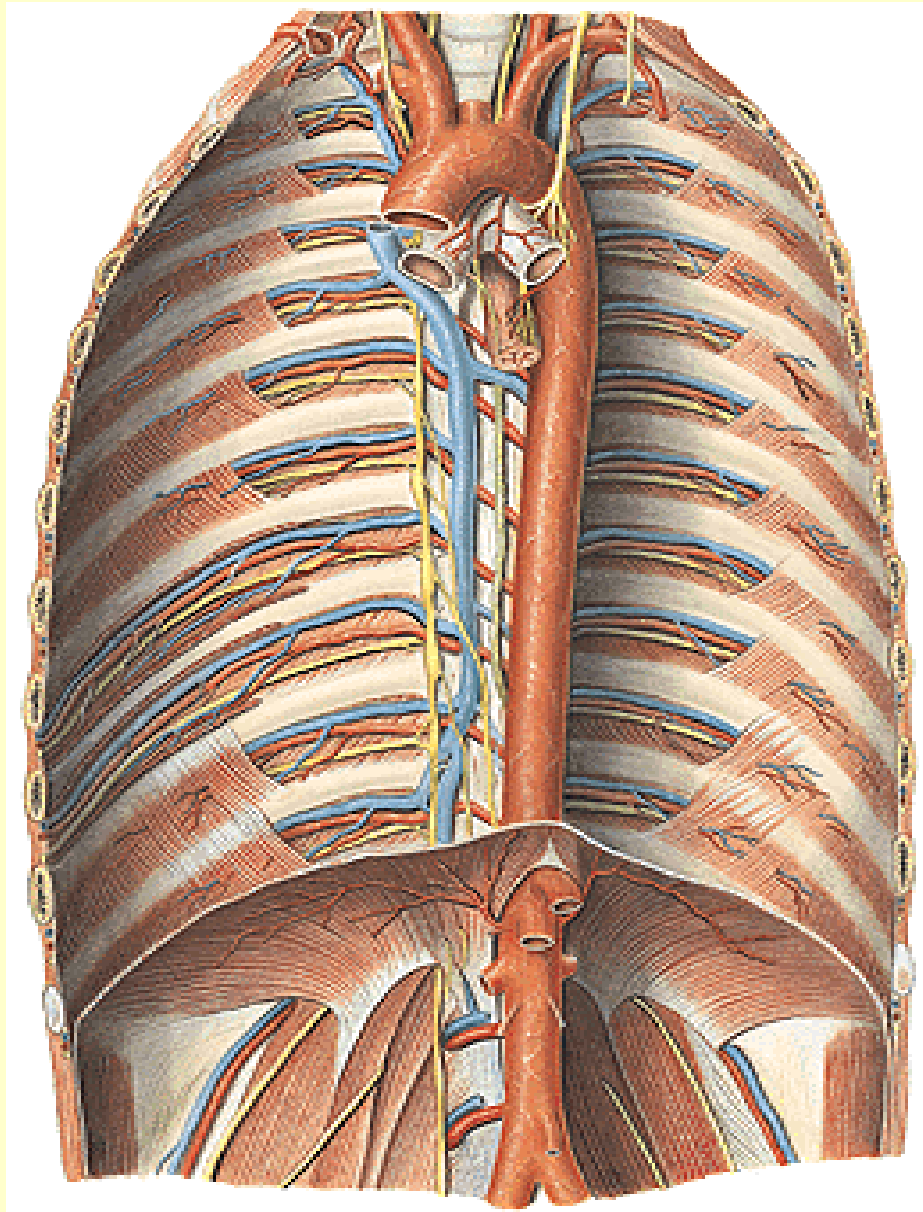
55 - vv.pulmon.



TOPO:...

**Esophagus
Vena azygos...**

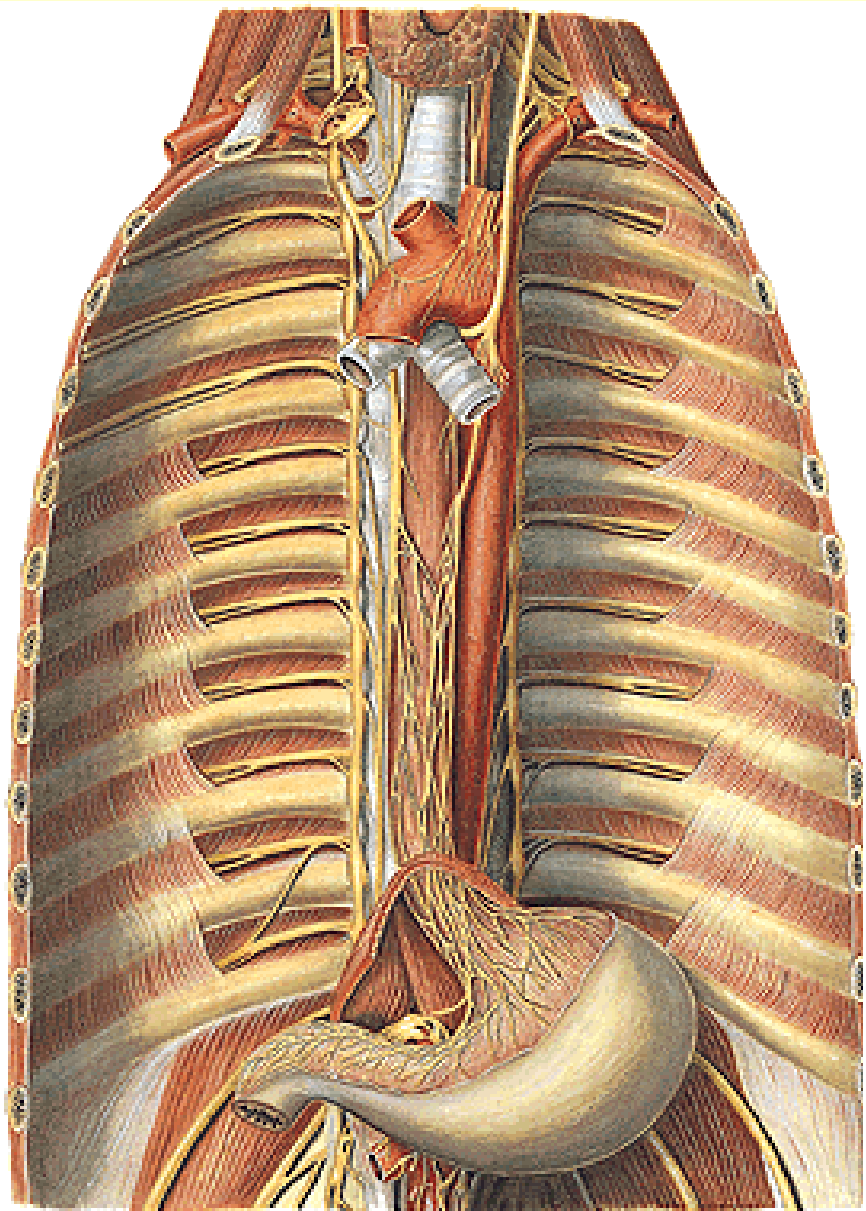
Mediastinum post.



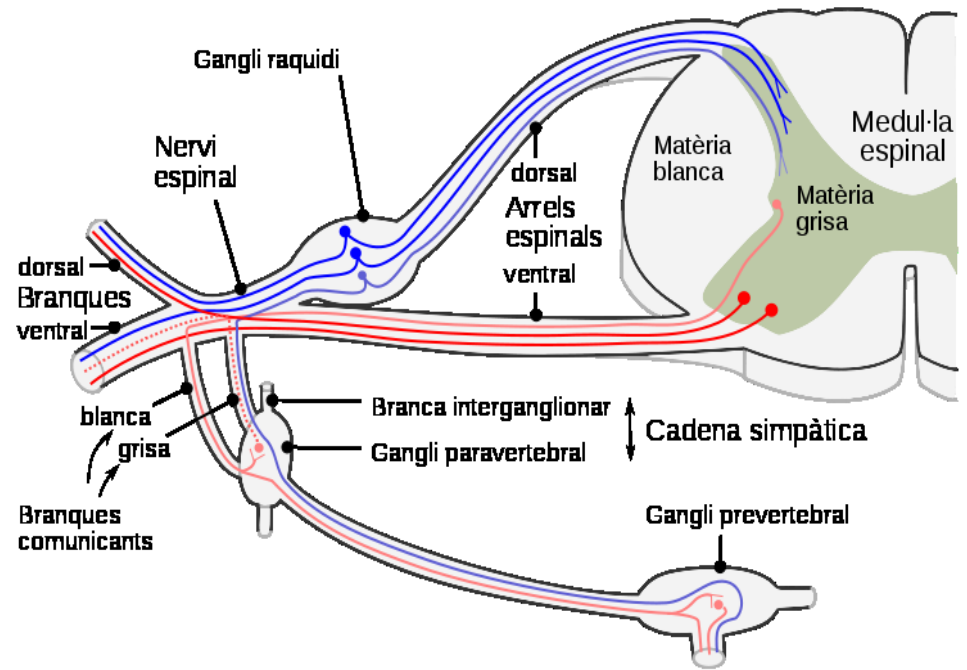
v. azygos, hemiazygos
aorta, esophagus

tr. sympaticus, nn.
splanchnici, ductus
thoracicus

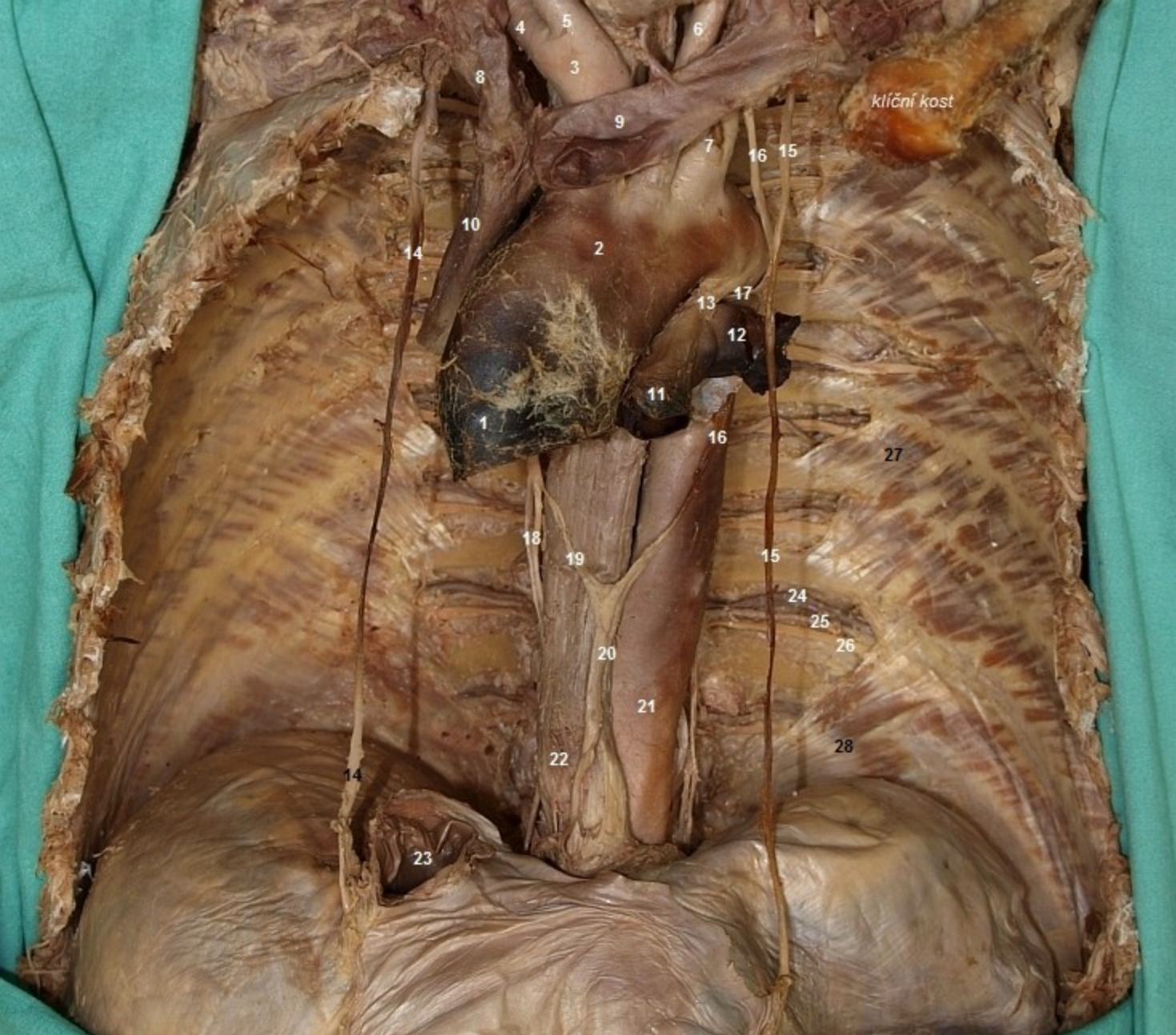
Mediastinum posterius



n. vagus + plexus
 nn. intercostales
 r. communicantes
 tr. sympathicus

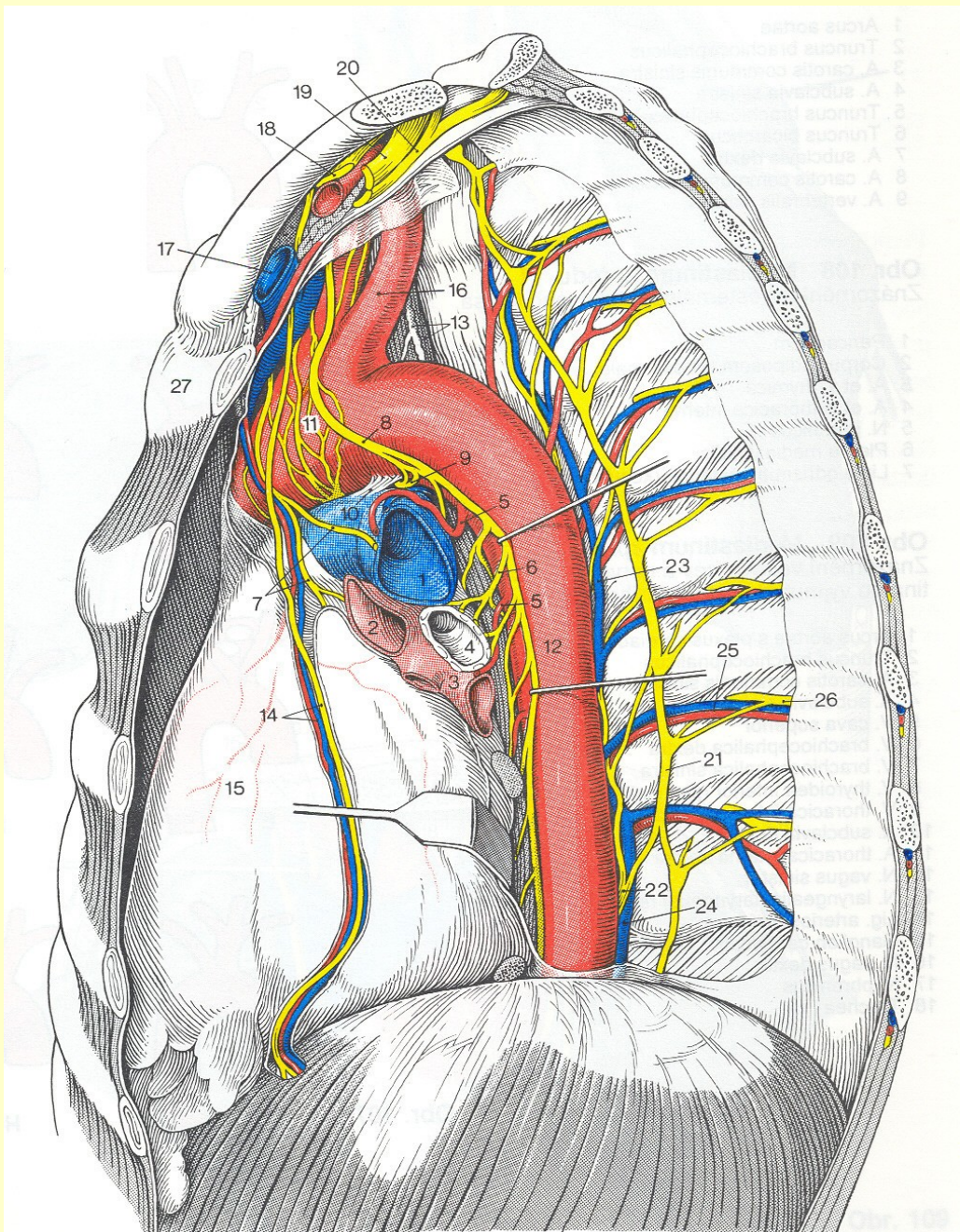


Mediastinum posterius





Preparát vodorovně : 13 – tr. sympaticus, 11- duct. thoracicus



**Aorta, vagus,
v. hemiazygos**

tr. sympaticus

interkostální svazek

Pohled zleva

A

P



F

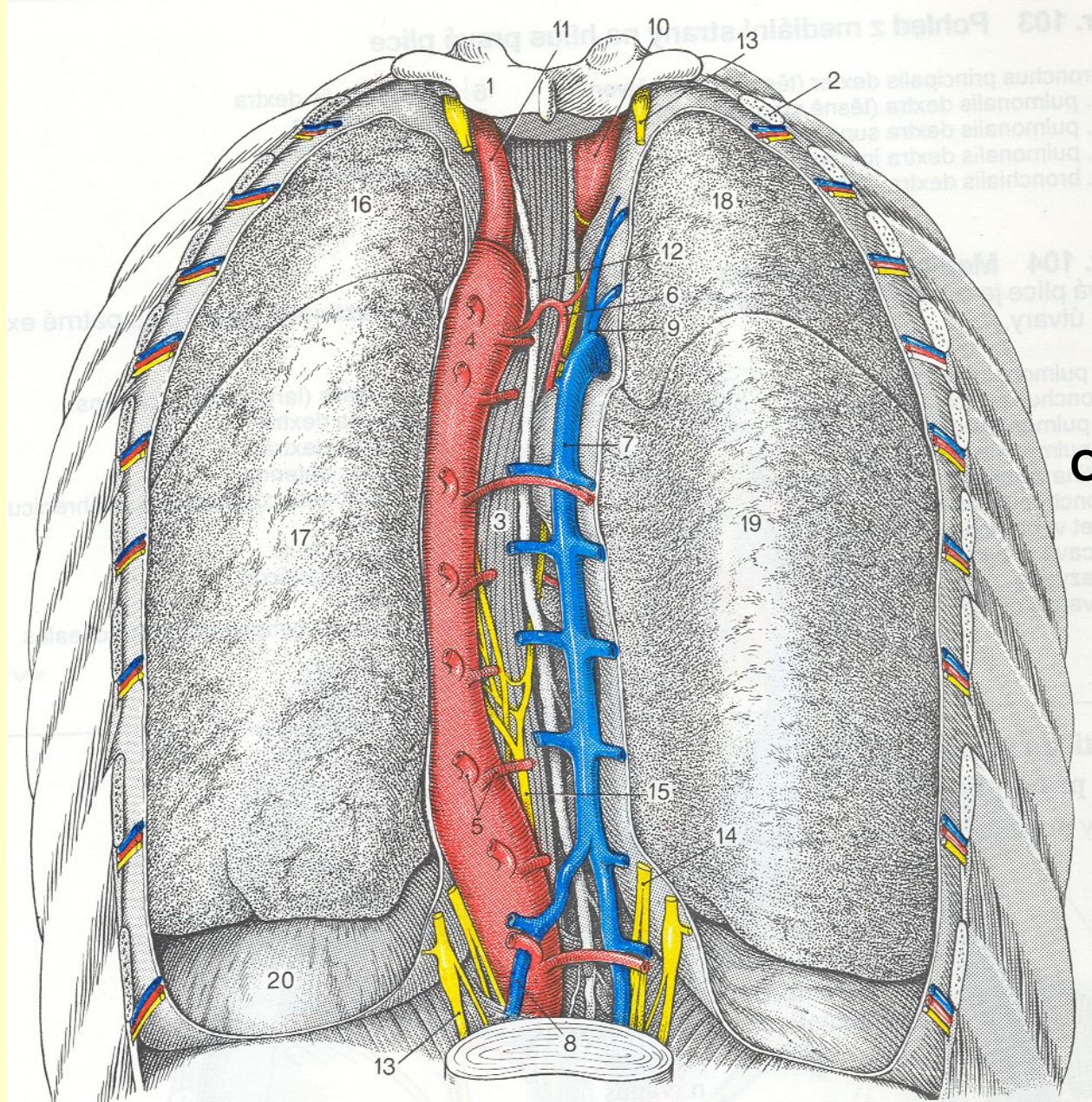
15 arcus aortae
18 ao descend.

atrium sin.
ventriculus sin.



Aneurysma aorty

pohled
od páteře



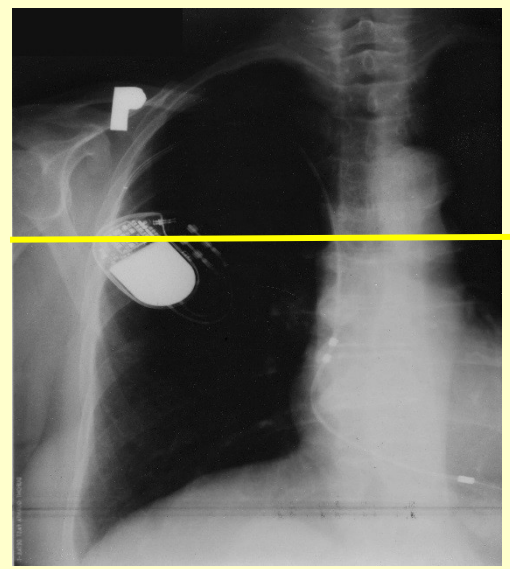
←
Od v.azygos

Ductus thoracicus, vagus, sympaticus, azygos,

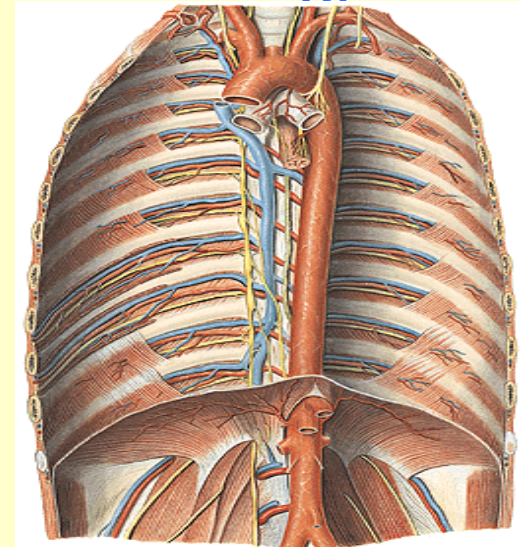
CT/8/69
Axial
SOFT KL PACS
CONTRAST

A

FN BRNO BOHUNICE
A01900
01900
1987/1/1
21Y M
03488
2008/11/7
00:00:00



v. cava inf.
aorta desc.
esophagus
v. azygos
hemiazygos



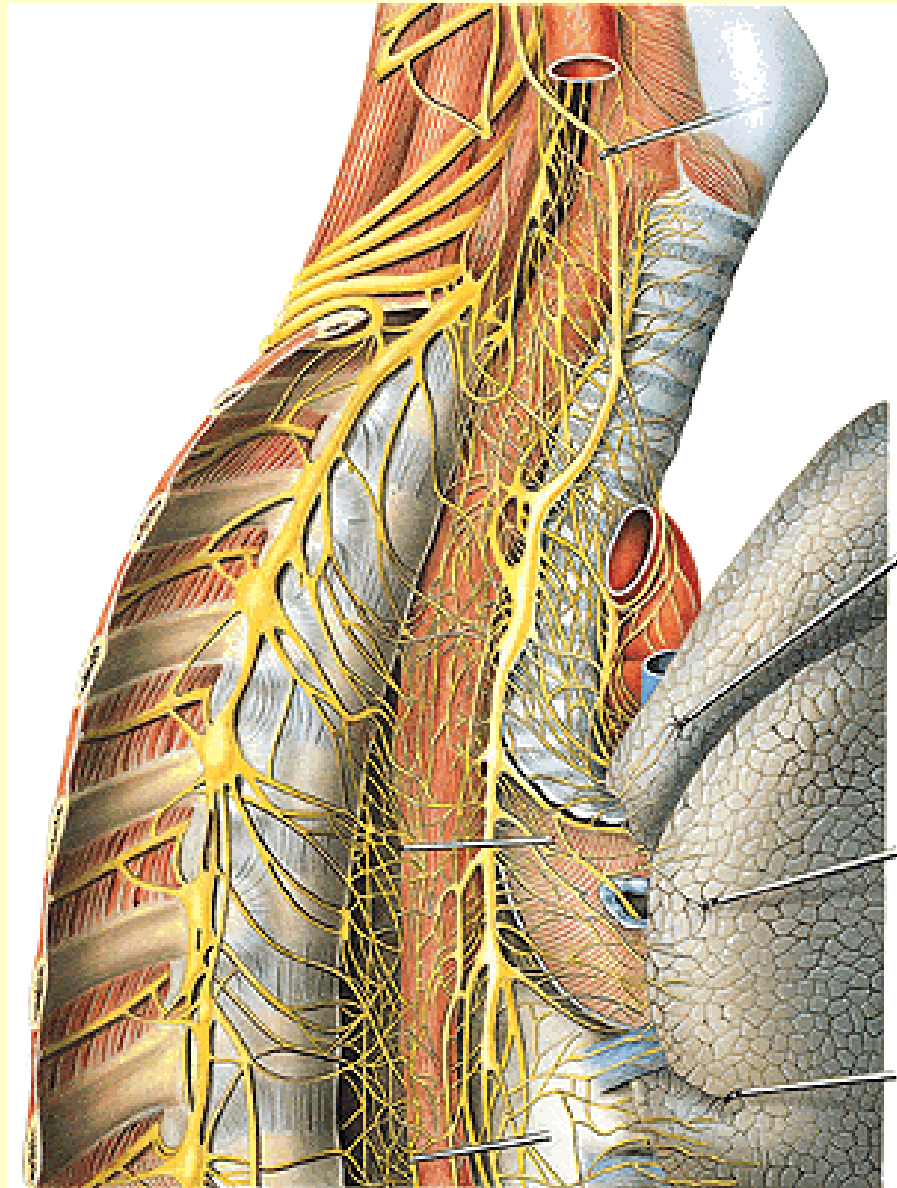
R

L

120.0 kV
479.0 mA
Velikost pixelu: 0.781 mm
Pozice: -191.3 mm
W: 790 L: 190

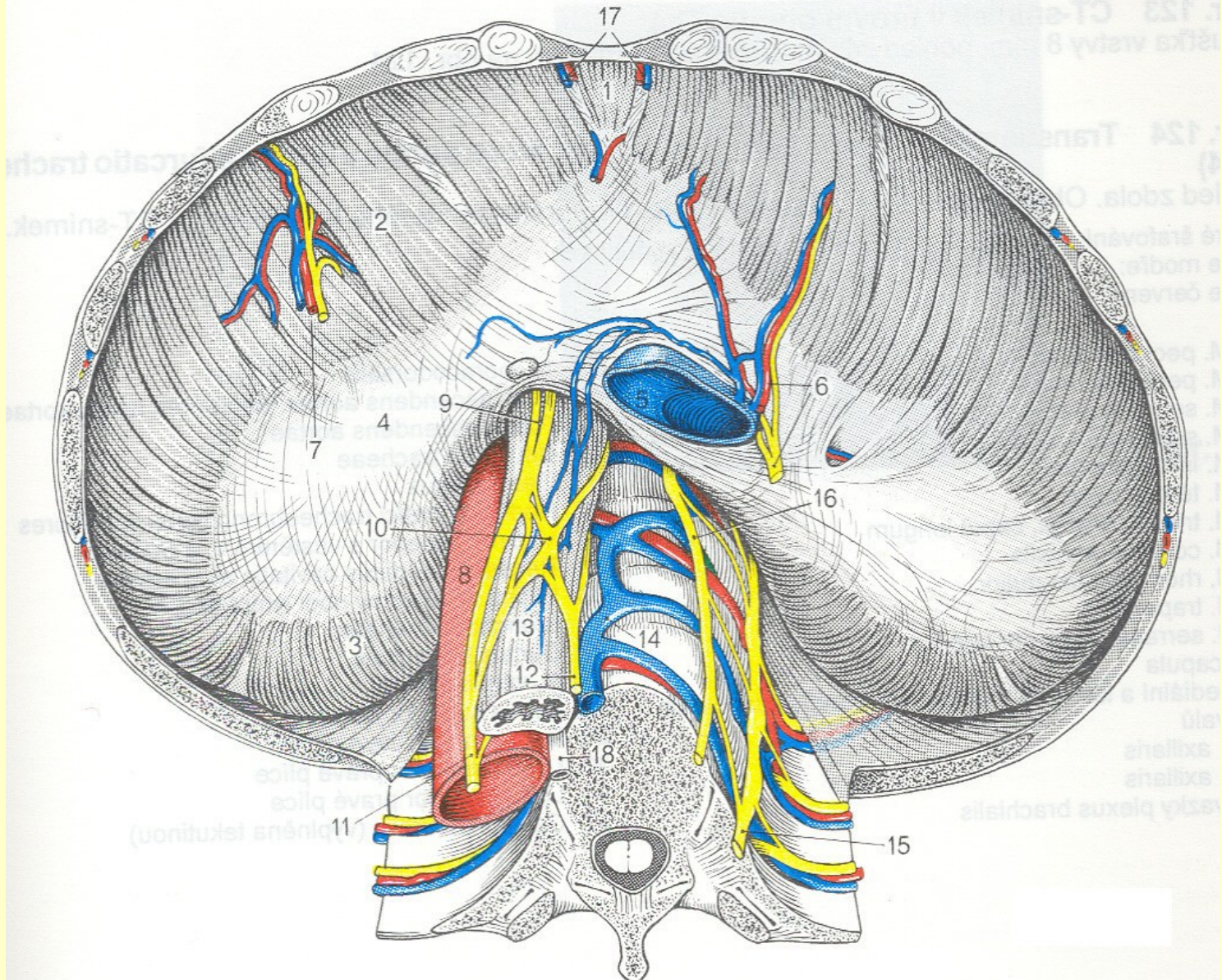
P

DFOV: 40.00 x 40.00cm



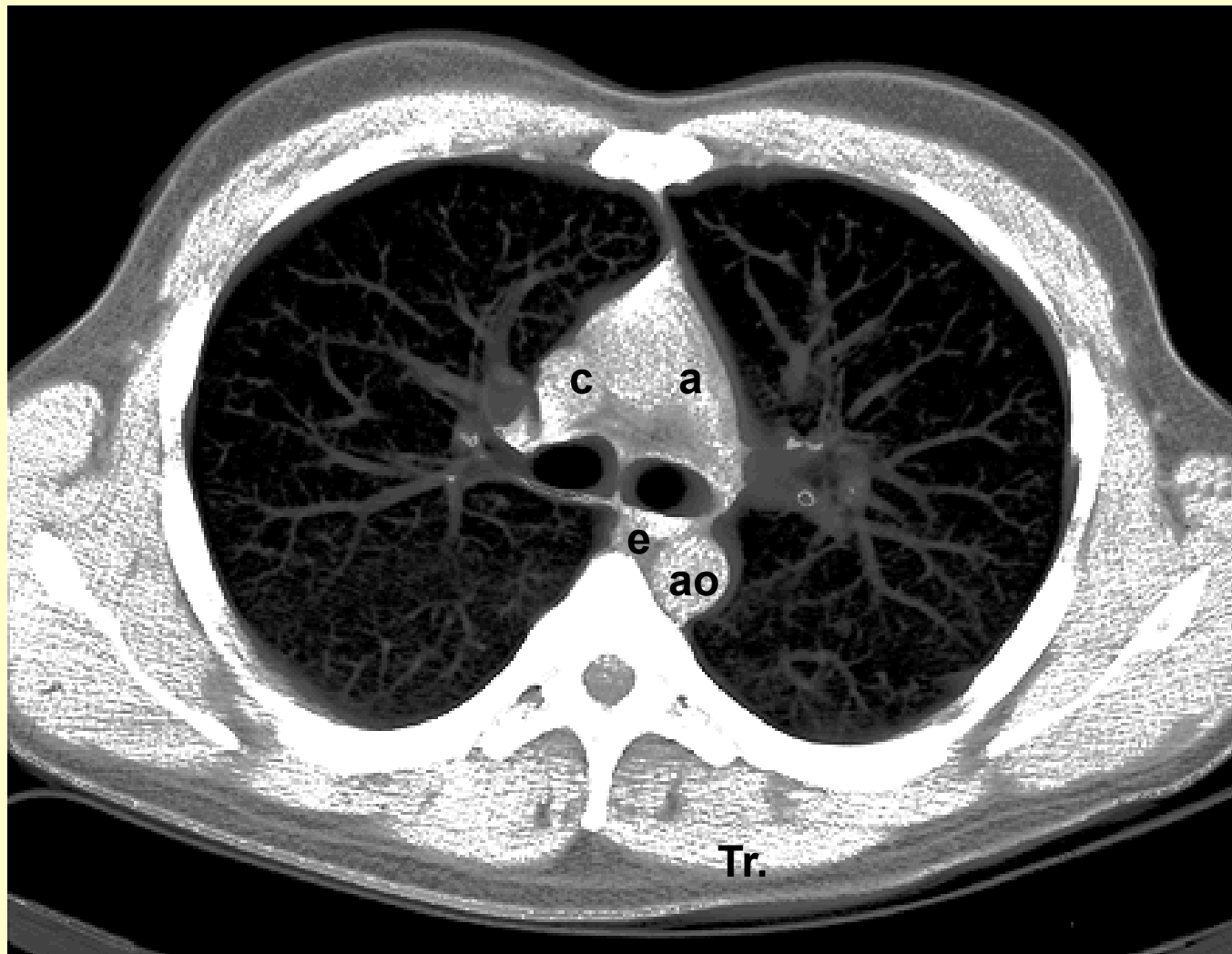
**tr. sympaticus
plexus esophageus n.X
rr. communicantes**

[Detail zprava](#)



Esophagus, vagus, aorta, v. azygos, tr. sympathicus, duct. thoracicus,
Trigona : Larei, Bochdaleki,

HORNÍ PLOCHA BRÁNICE



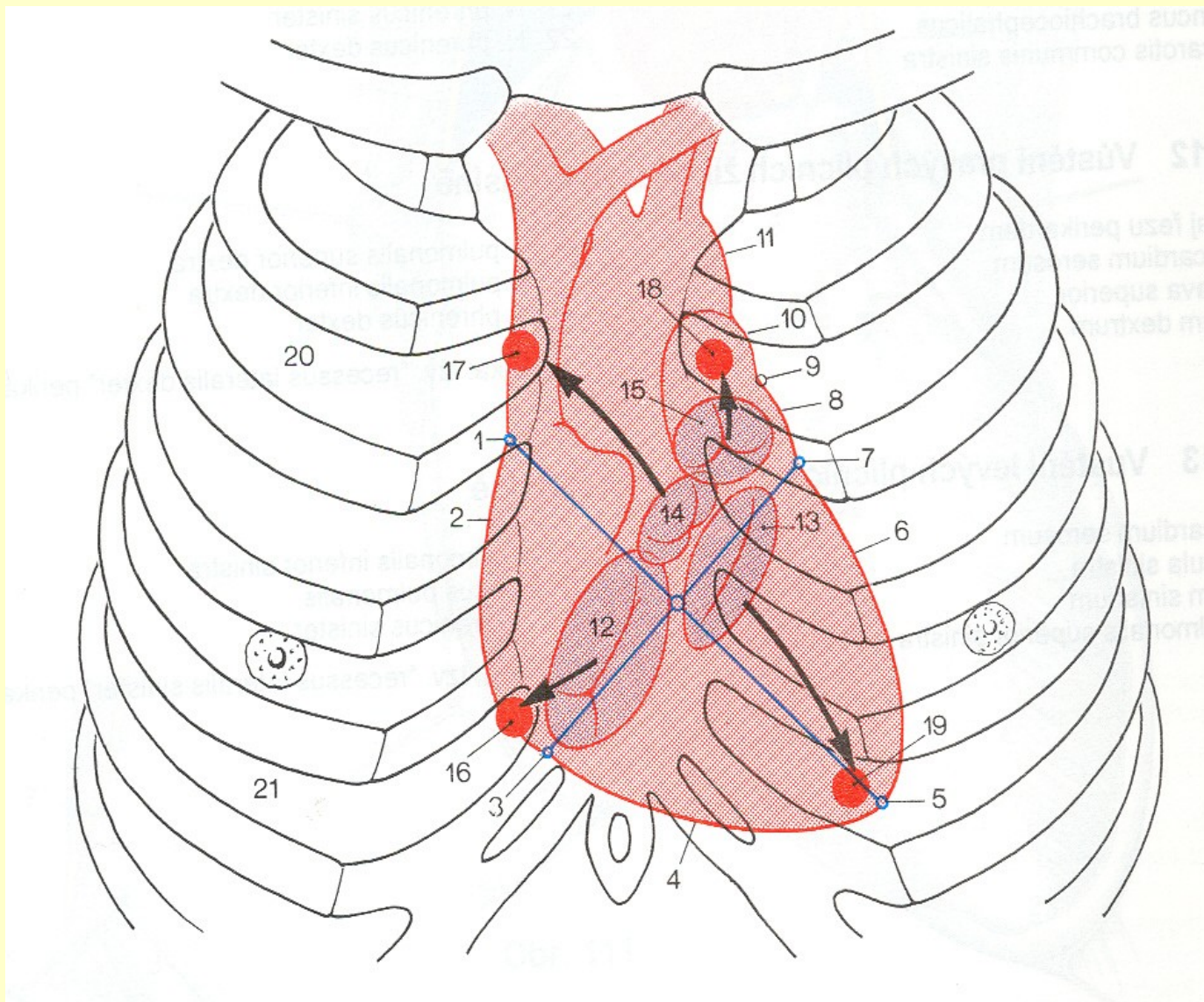
carina

v.cava sup.- c
ao ascend.- a

ao descend.
esophagus

Tr.

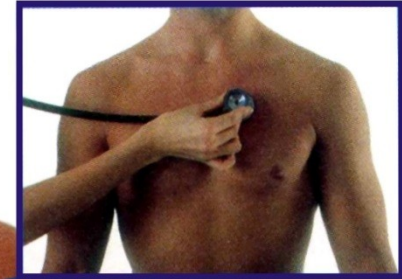
CT : ve výši bifurkace průdušnice - Th 4
(pohled zespodu)



Auskultační srdeční body 1 : ao – tricusp. – mitr. - pulm.



Auscultation position
for aortic valve



Auscultation position
for pulmonary valve

Aortic valve

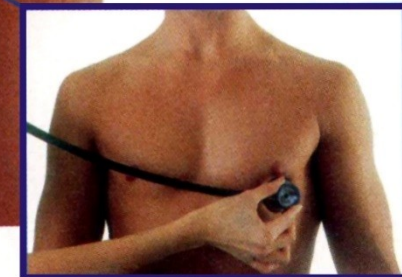
Pulmonary valve

Tricuspid valve

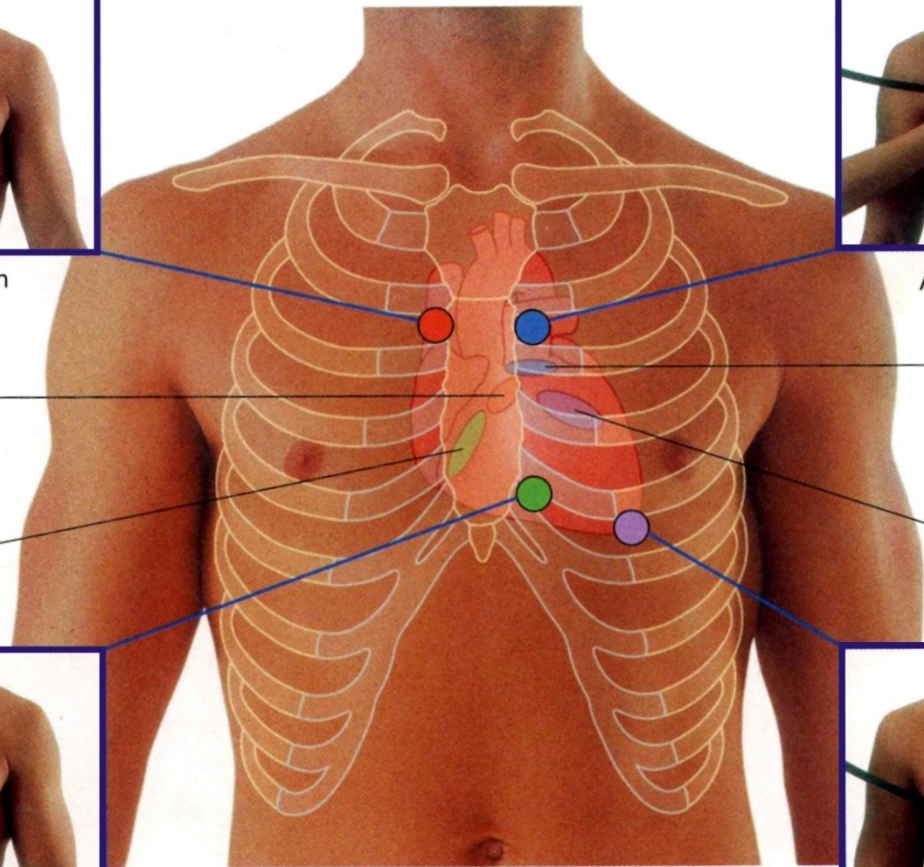
Mitral valve



Auscultation position
for tricuspid valve



Auscultation position
for mitral valve



AUSKULTAČNÍ BODY 2