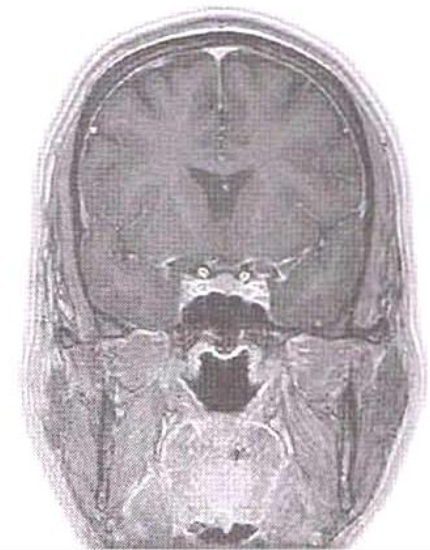
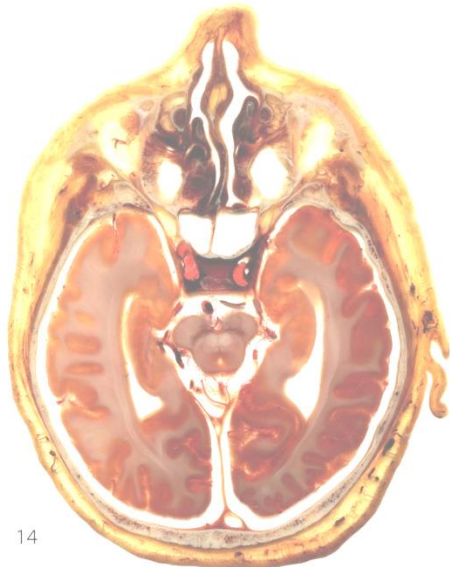


ANATOMIE SECȚIONALĂ a Toracelui

Sectional Anatomy of the Thorax



Lecturer Lilian Globa

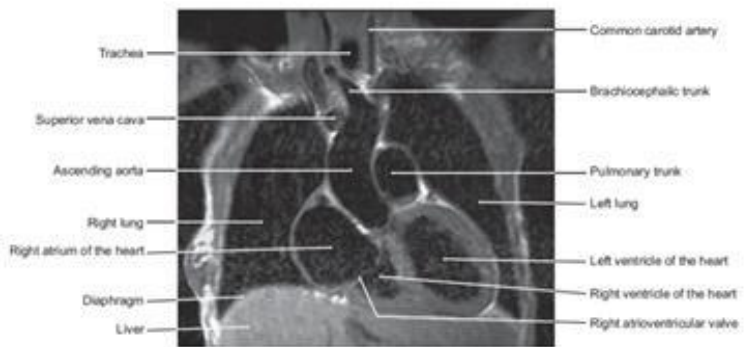
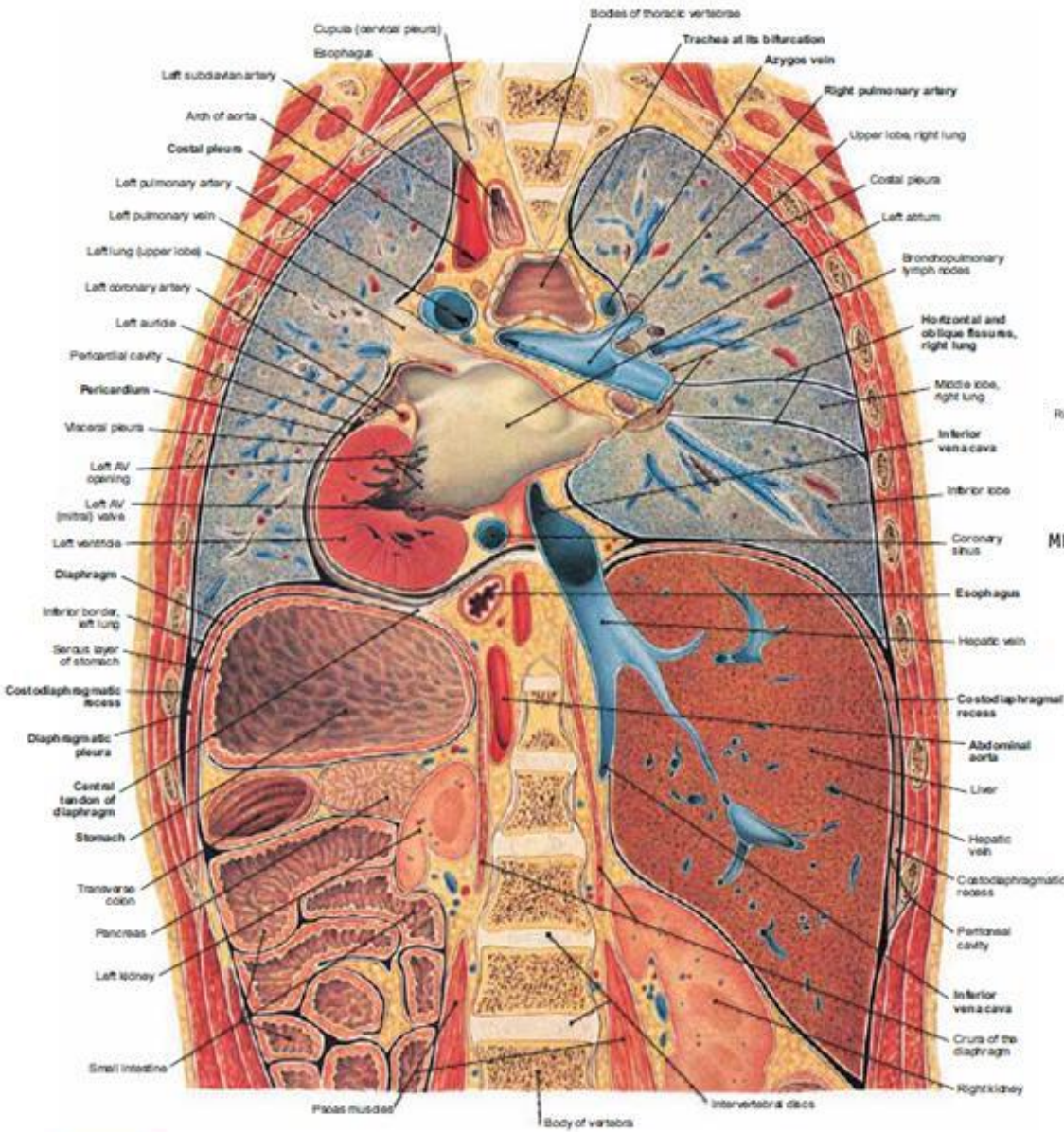
X. BILIOGRAFIE RECOMANDATĂ

A. Obligatorie:

Materialele cursurilor.

B. Suplimentară:

1. Visible human project, https://www.nlm.nih.gov/research/visible/visible_gallery.html
2. Online MRI and CT sectional anatomy, <https://omcsa.org/>
3. MRI masters, <https://mrimaster.com/anatomy%20brain%20sagittal.html>
4. Cross sectional Anatomy, <https://www.sciencedirect.com/topics/medicine-and-dentistry/cross-sectional-anatomy>
5. <https://www.kenhub.com/en/start/cross-sections>
6. Atlas of sectional Anatomy, Thieme, all systems
7. Human Sectional Anatomy: Pocket atlas of body sections, CT and MRI images, Fourth edition, 2017
8. Keith L. Moore, Artur F. Dalley, Anne M.R. Agur. Clinically Oriented Anatomy, 6-th ed., 2007.

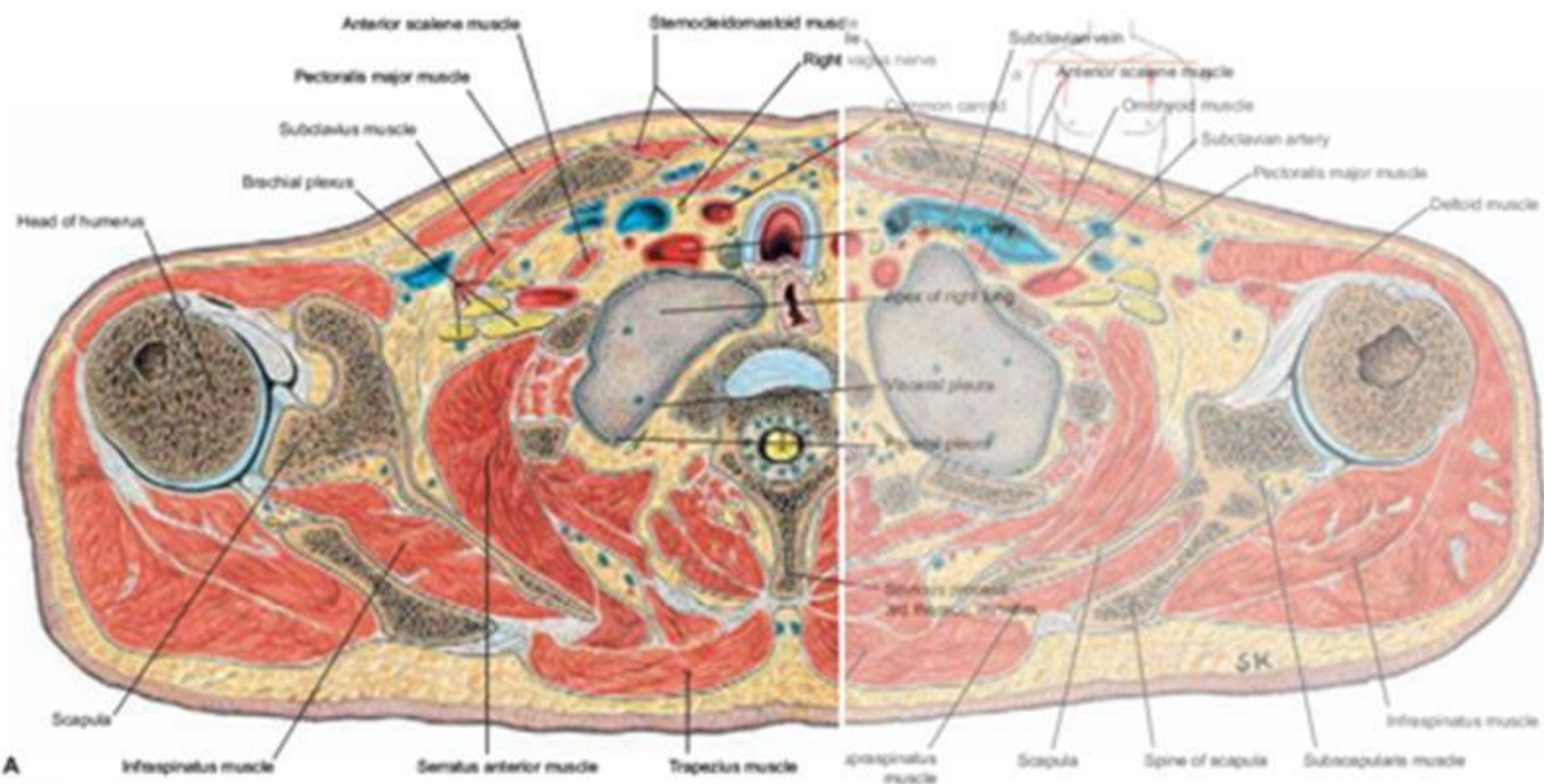


MRI of Thorax at the Level of the Superior Vena Cava (Anterior View)

FIGURE 196 Frontal Section of the Thorax and Abdomen from Behind (Dorsal View)

NOTE: (1) From this dorsal view, the right side of the specimen is on the reader's right. The pulmonary arteries and their branches are shown in blue, as are veins (such as the hepatic veins) that also carry blood with low levels of oxygen saturation.

(2) The anteroposterior plane of this frontal section in the thorax lies through the inferior vena cava and in front of the descending aorta. The esophagus is seen only in the superior mediastinum and at its entrance into the abdomen just below the diaphragm, while the trachea has been cut at its point of bifurcation.



A Right Side of Body



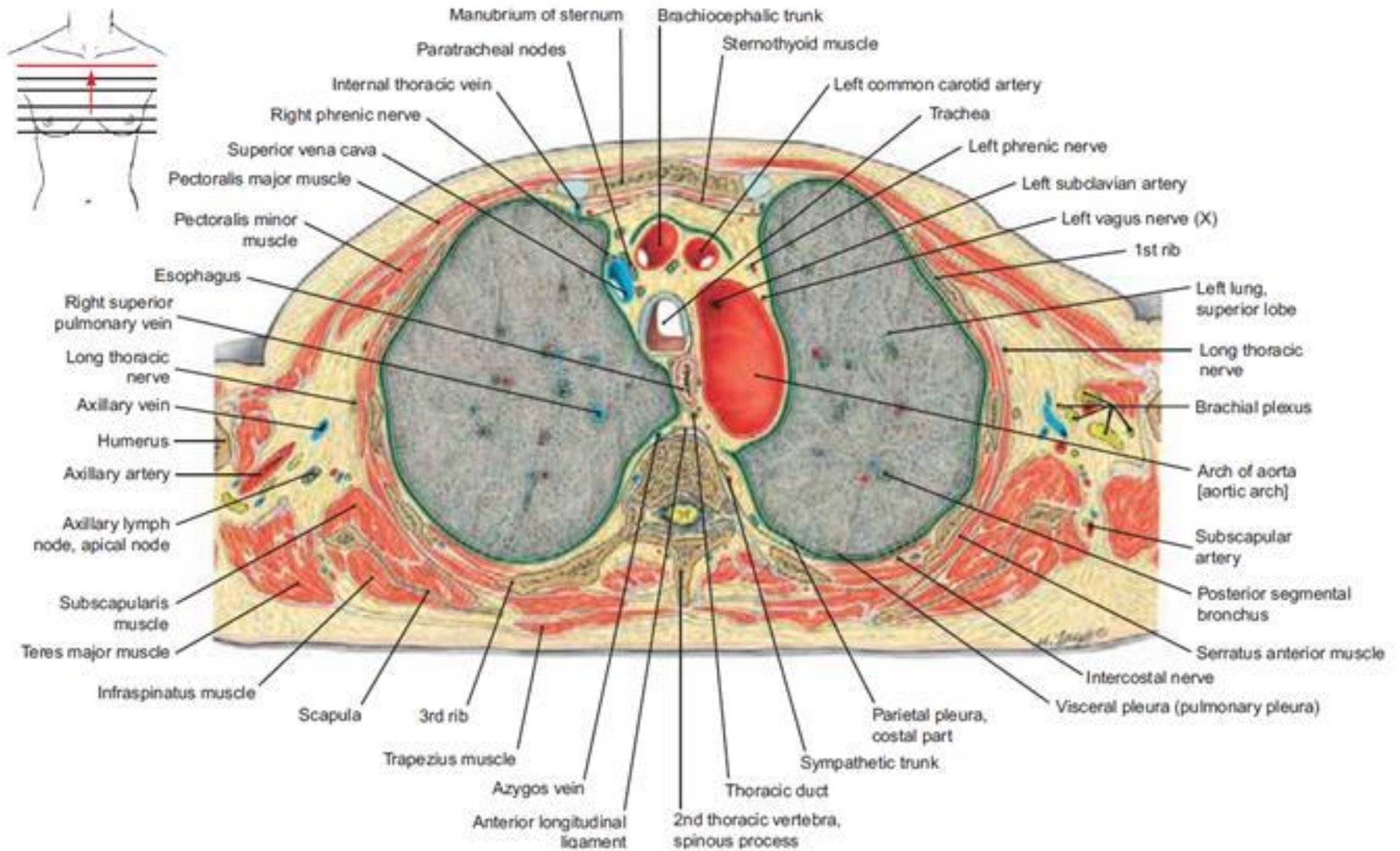


FIGURE 215.1 Horizontal Section through the Thorax at the Level of the Arch of the Aorta (Caudal View)

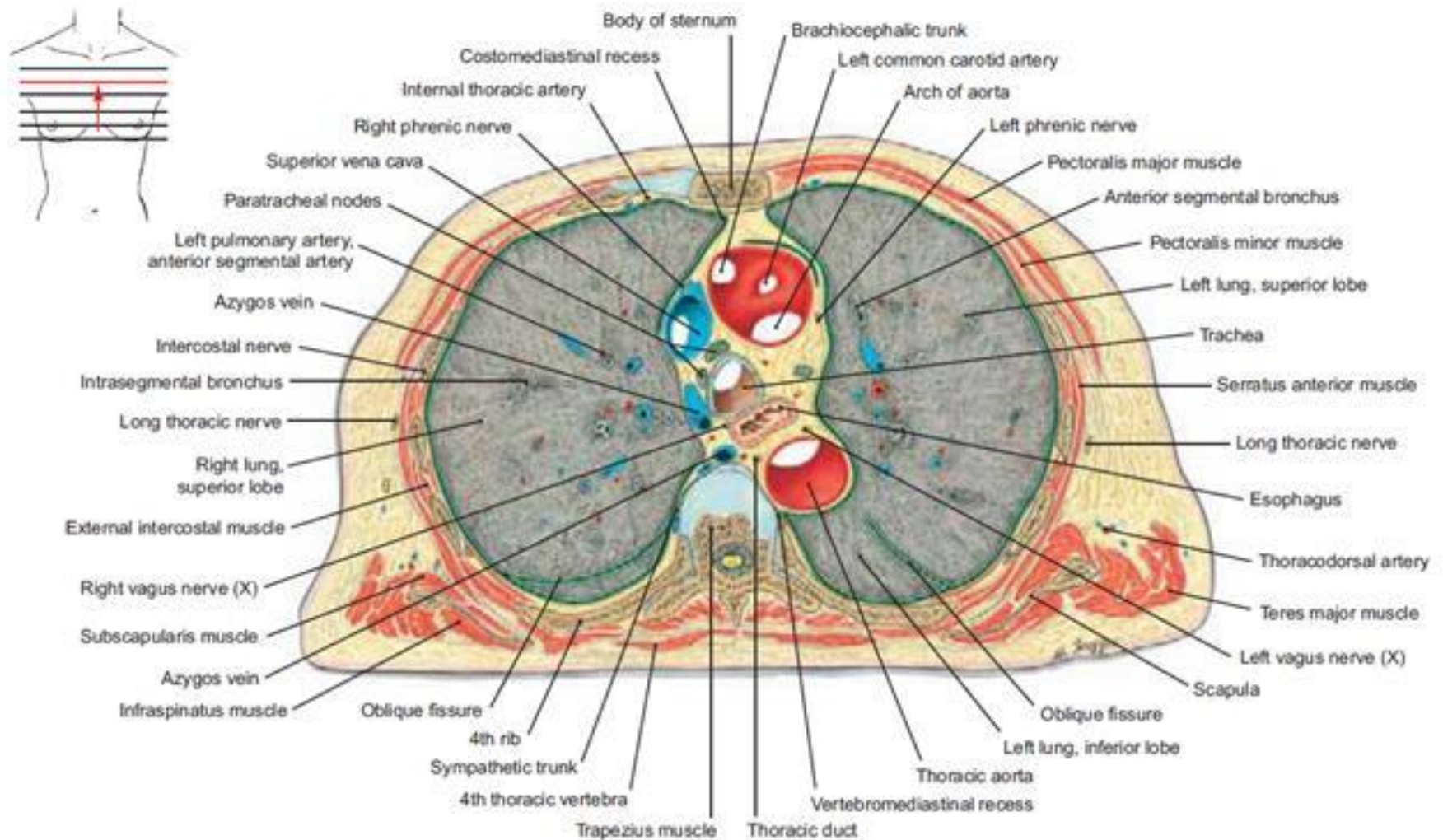


FIGURE 215.2 Horizontal Section through the Thorax at the Level of the Fourth Thoracic Vertebra (Caudal View)

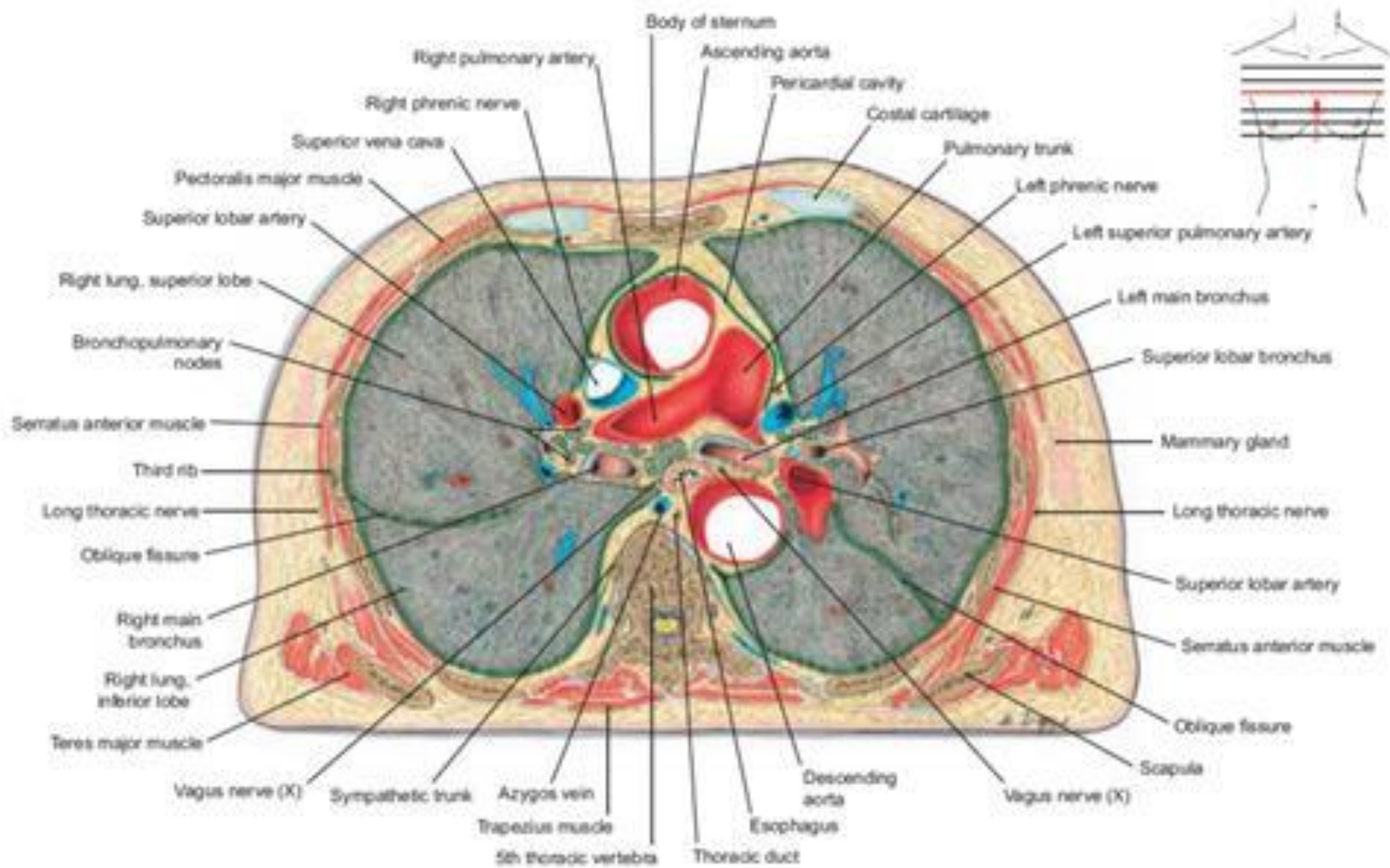


FIGURE 216.1 Horizontal Section through the Thorax at the Bifurcation of the Pulmonary Trunk (Caudal View)

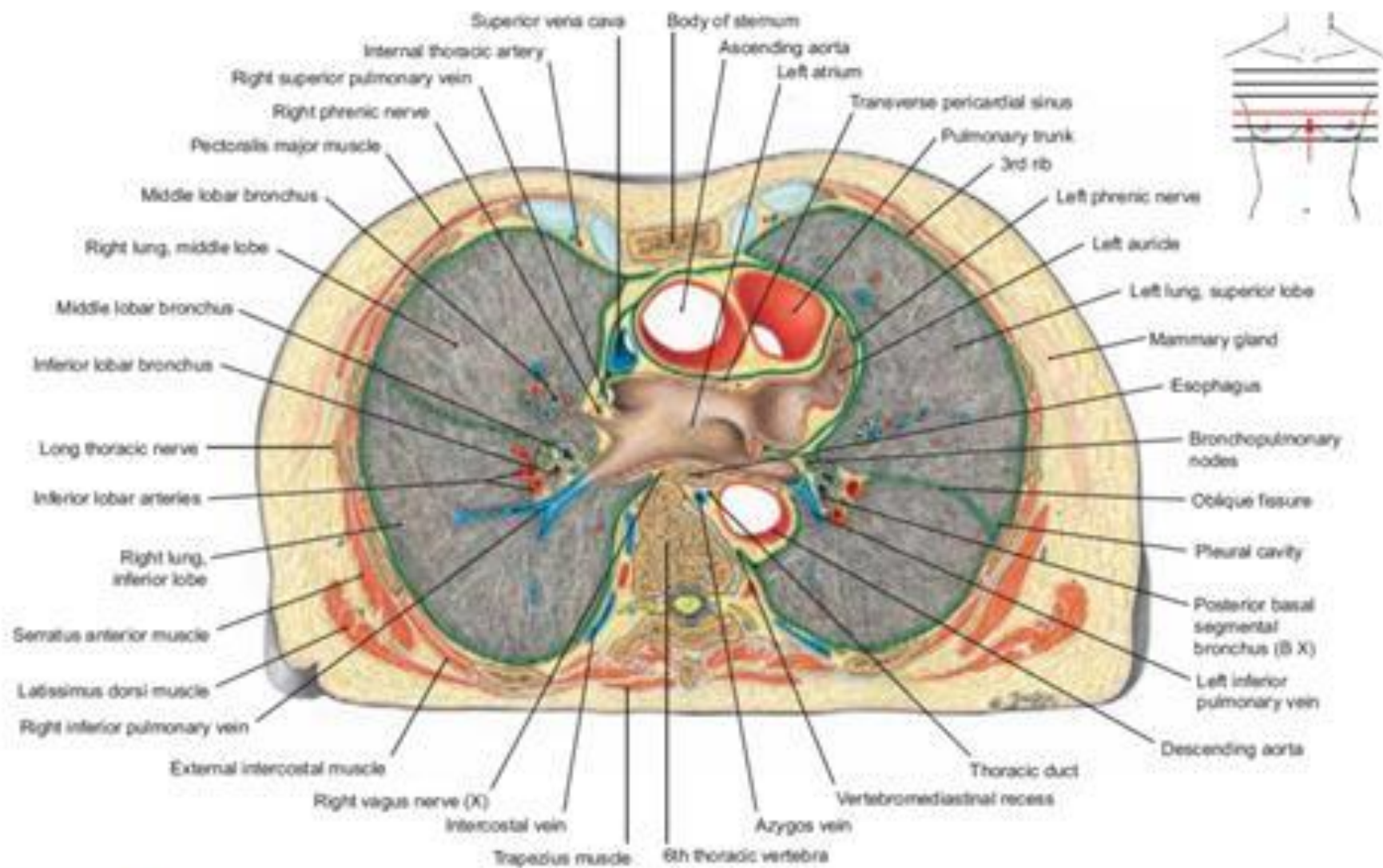


FIGURE 216.2 Horizontal Section through the Thorax at the Level of the Left Atrium (Caudal View)

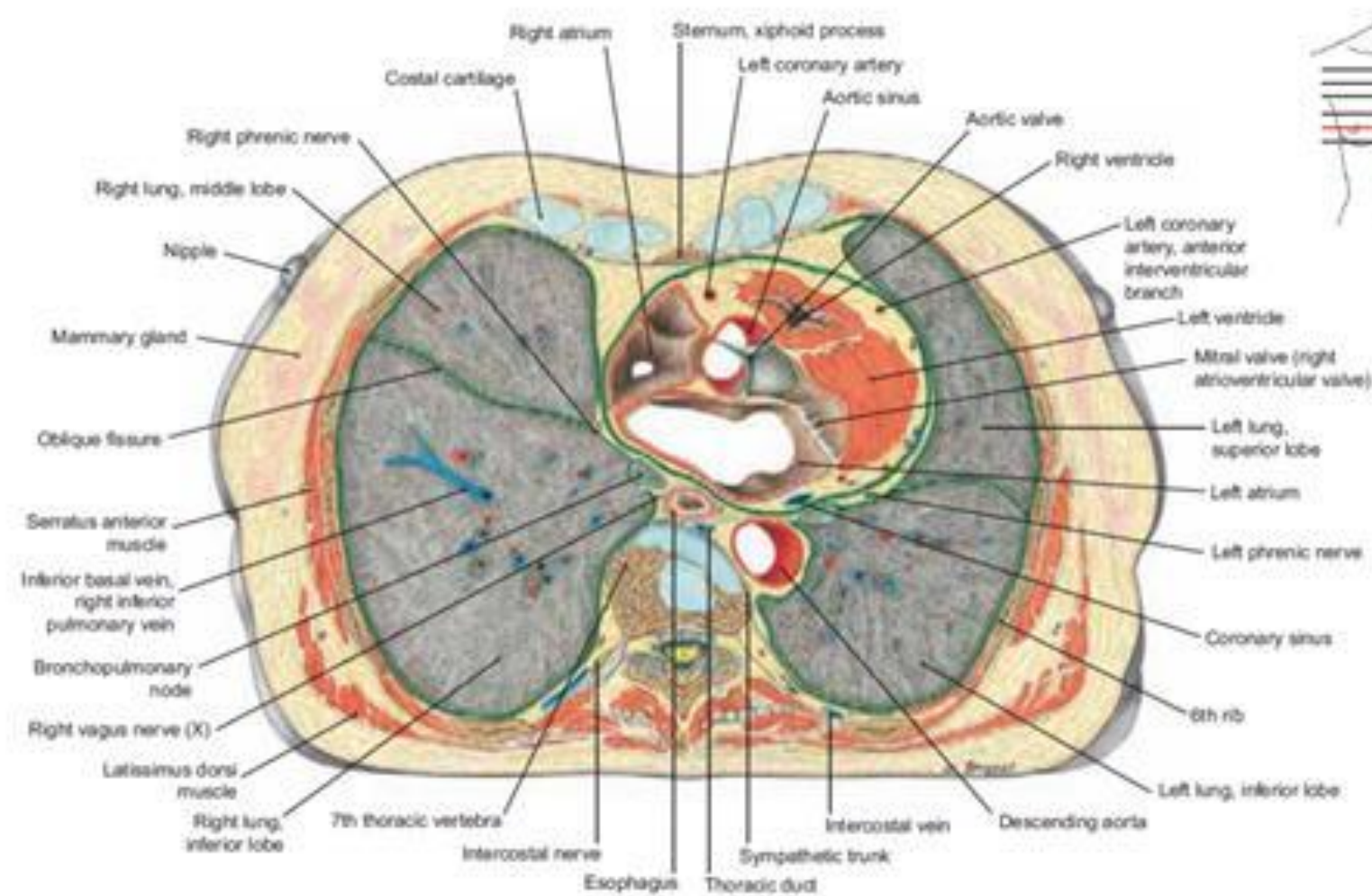


FIGURE 217.1 Horizontal Section through the Thorax at the Level of the Seventh Thoracic Vertebra (Caudal View)

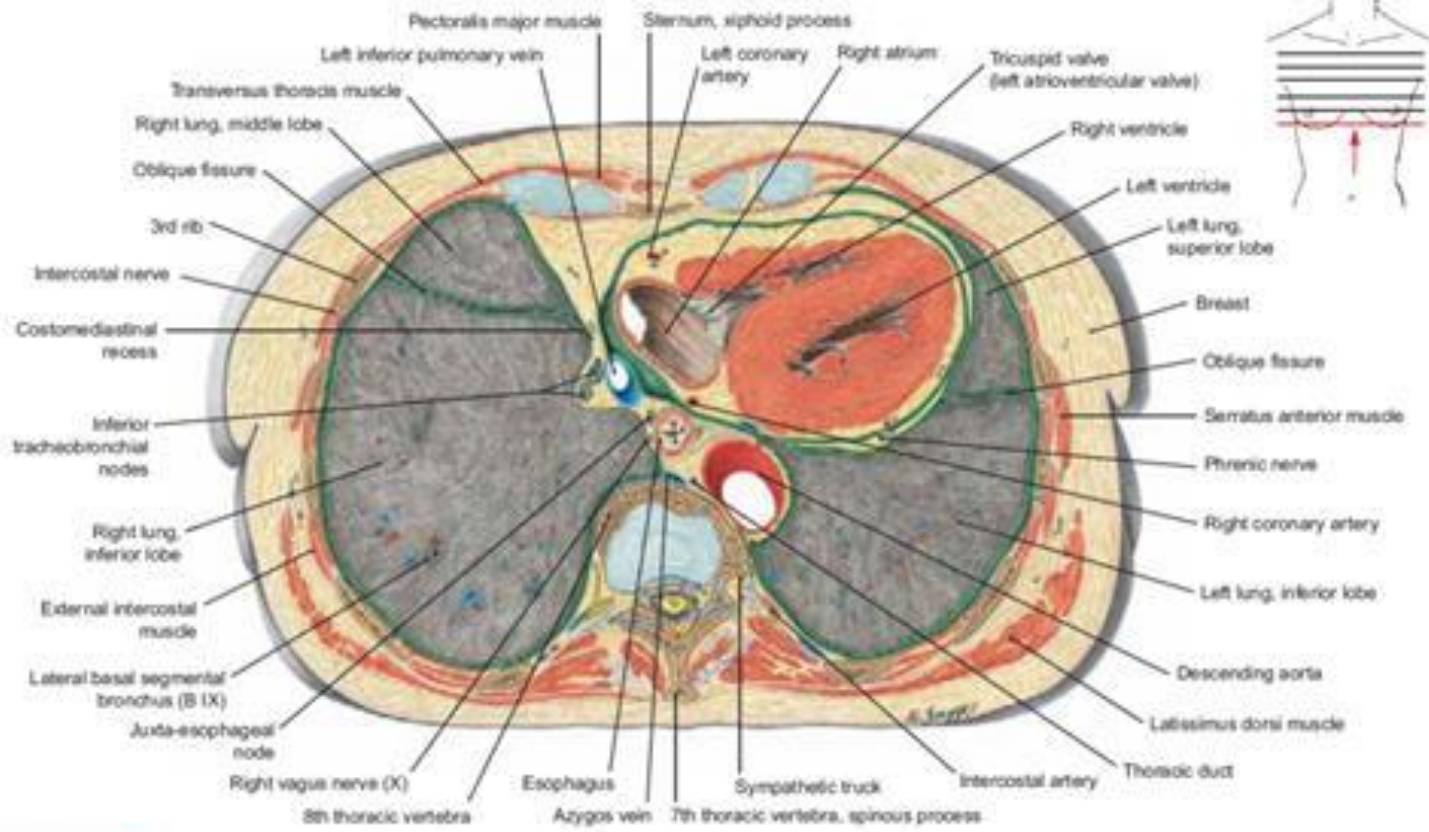


FIGURE 217.2 Horizon

bra (Caudal View)

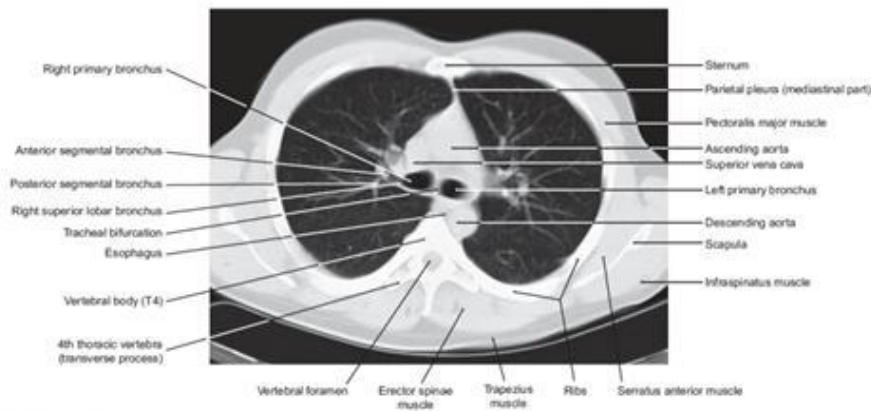
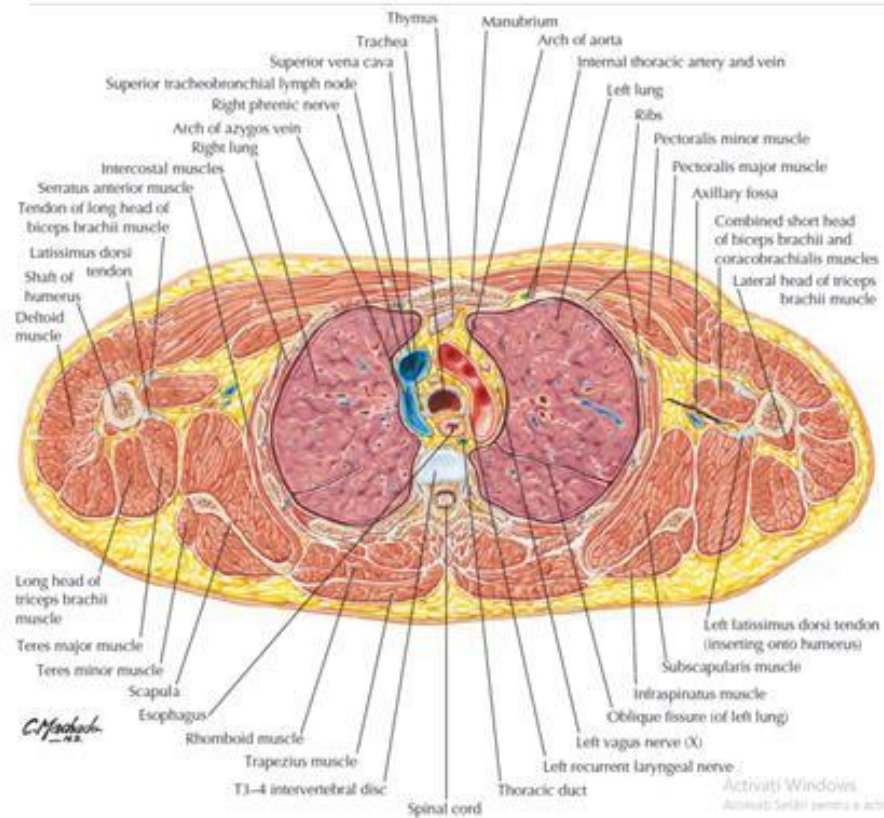
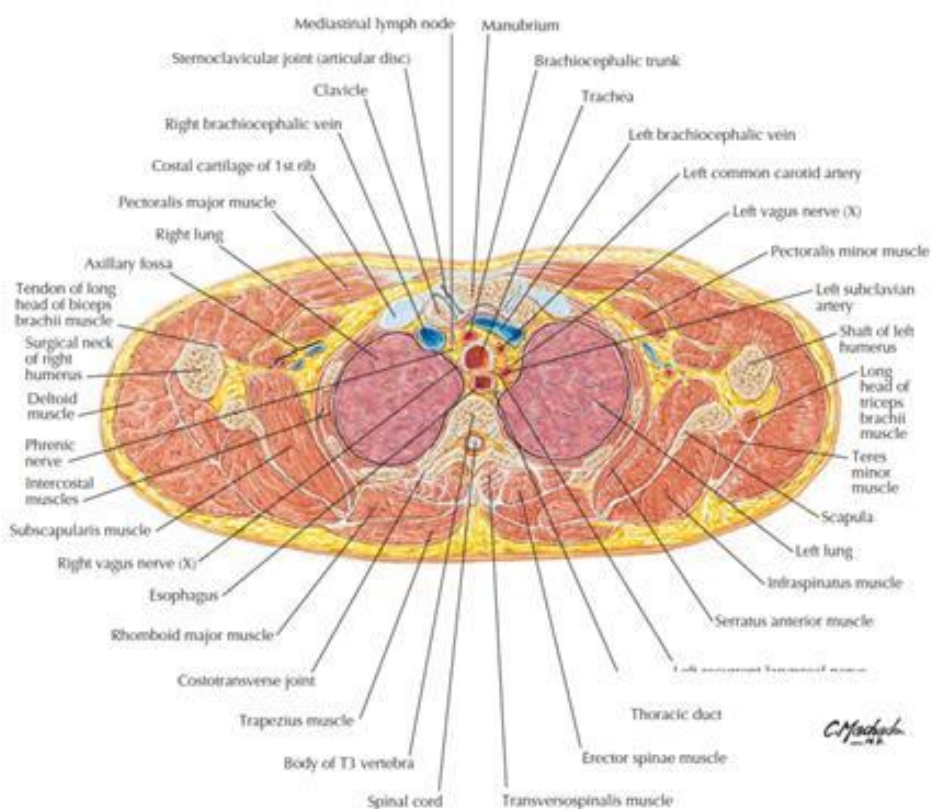
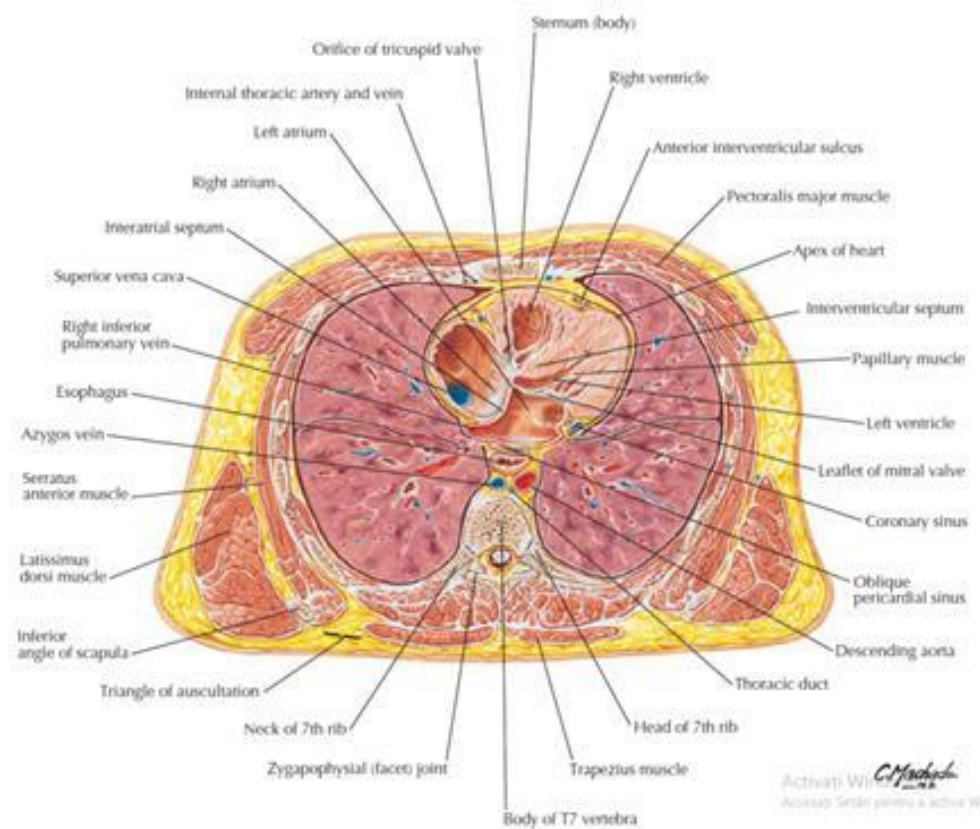
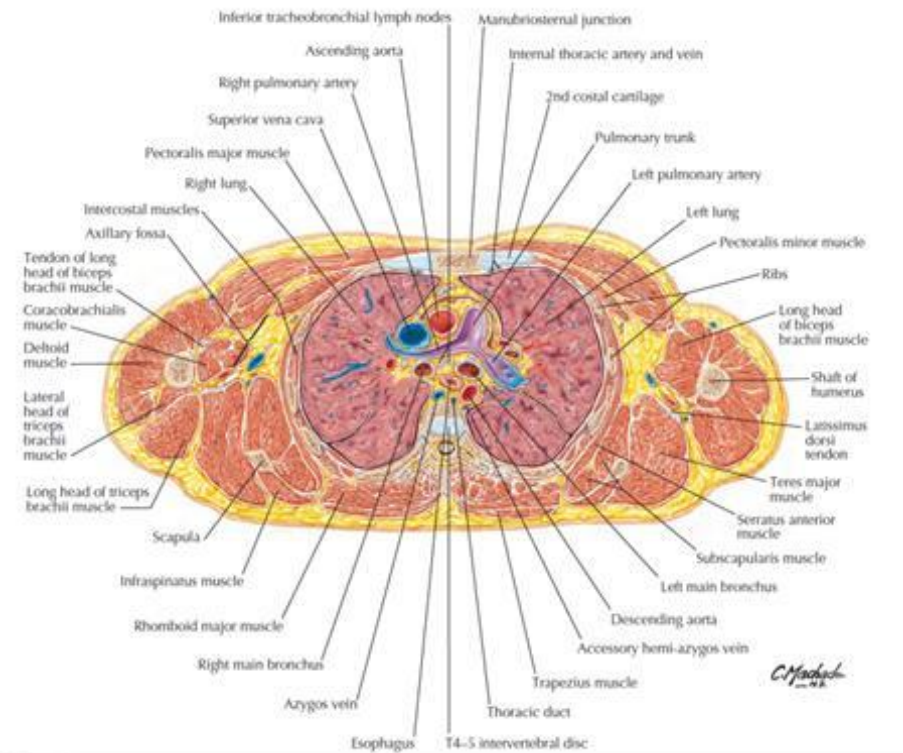
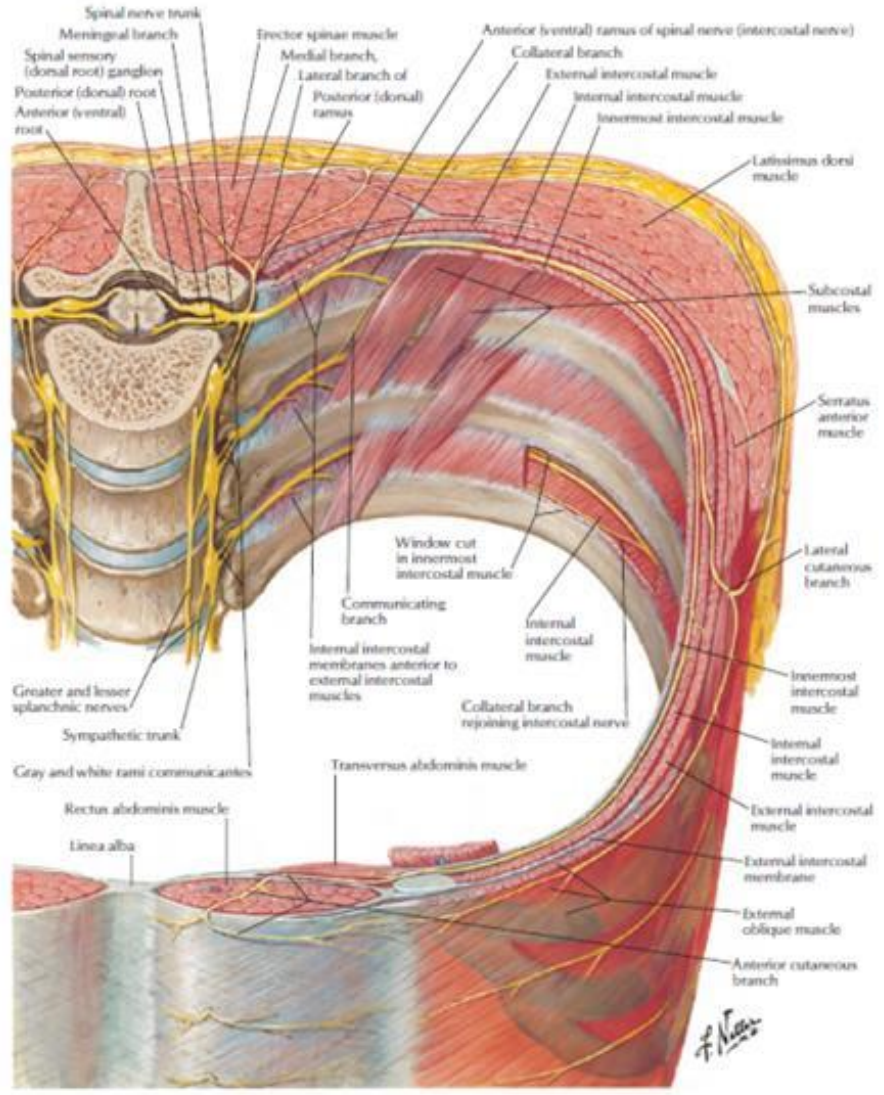
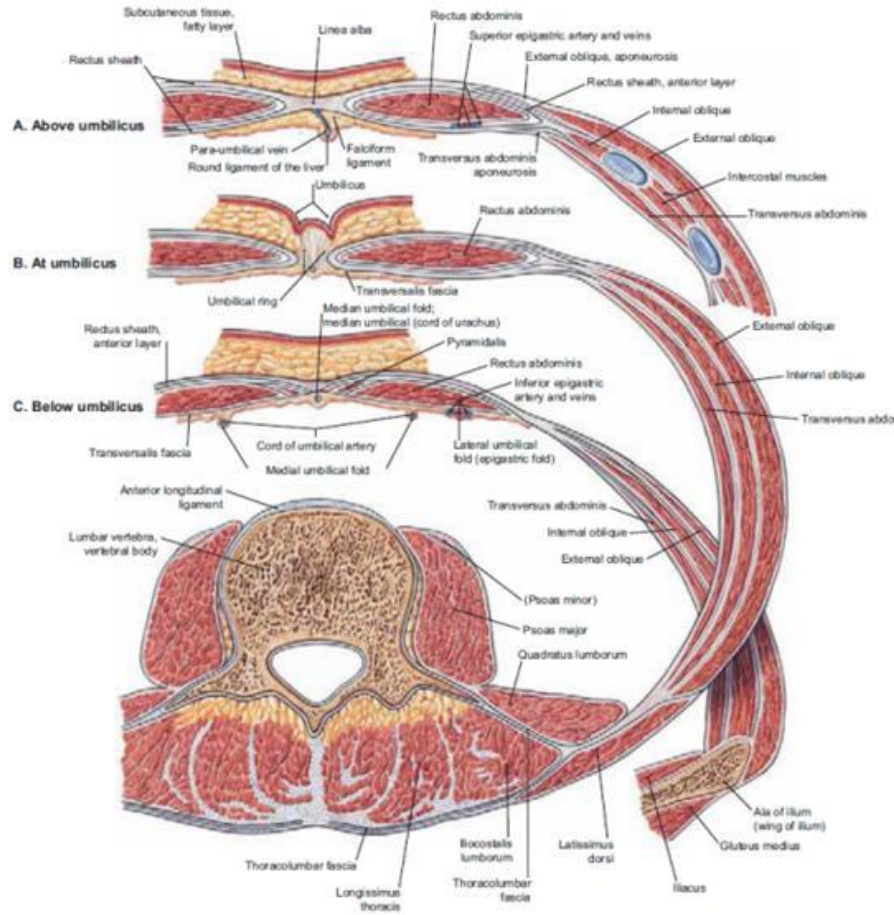


FIGURE 218.1 Computed Tomographic Cross Section of the Thorax

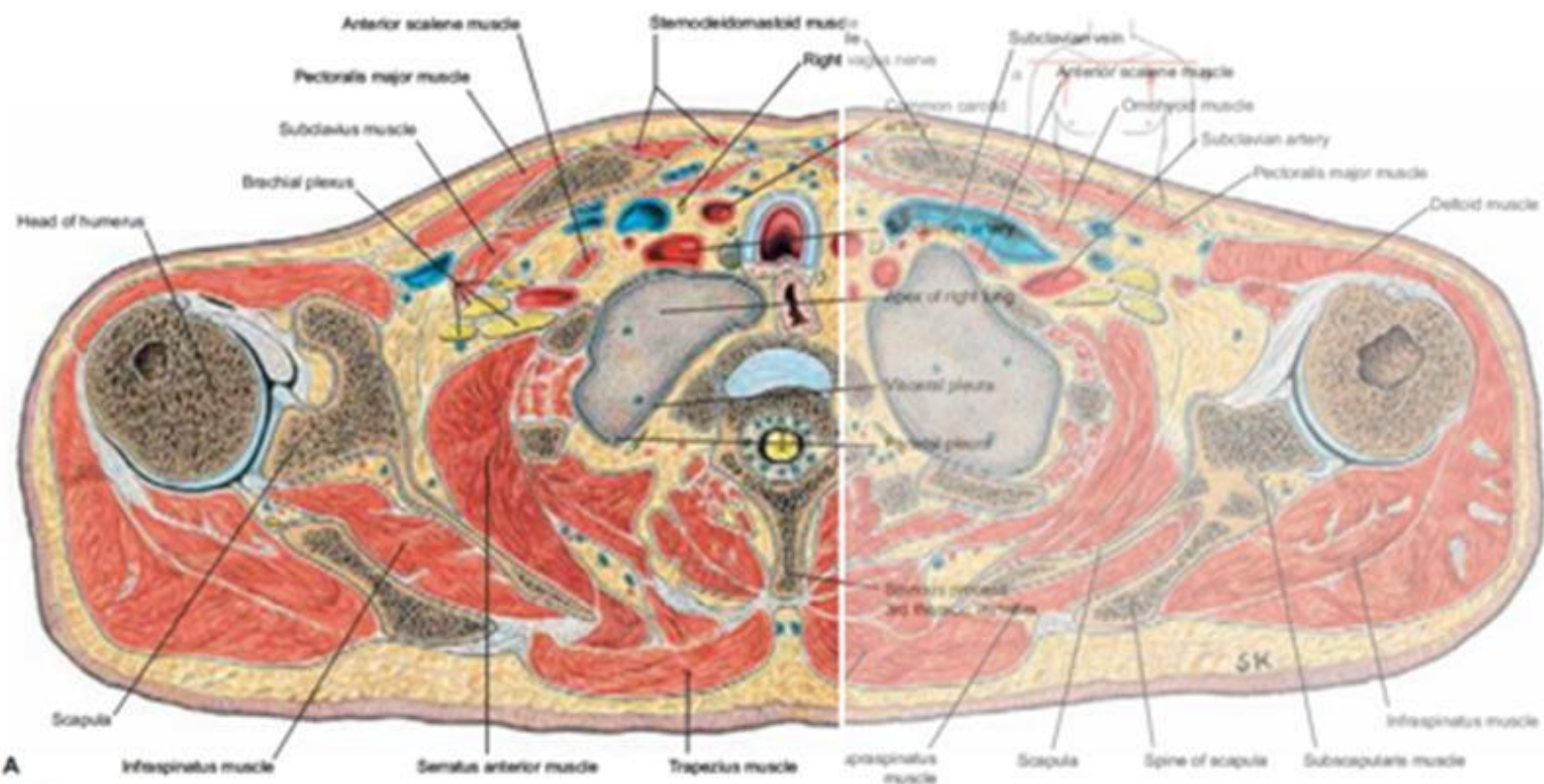
NOTE that this CT is just inferior to the bifurcation of the trachea.





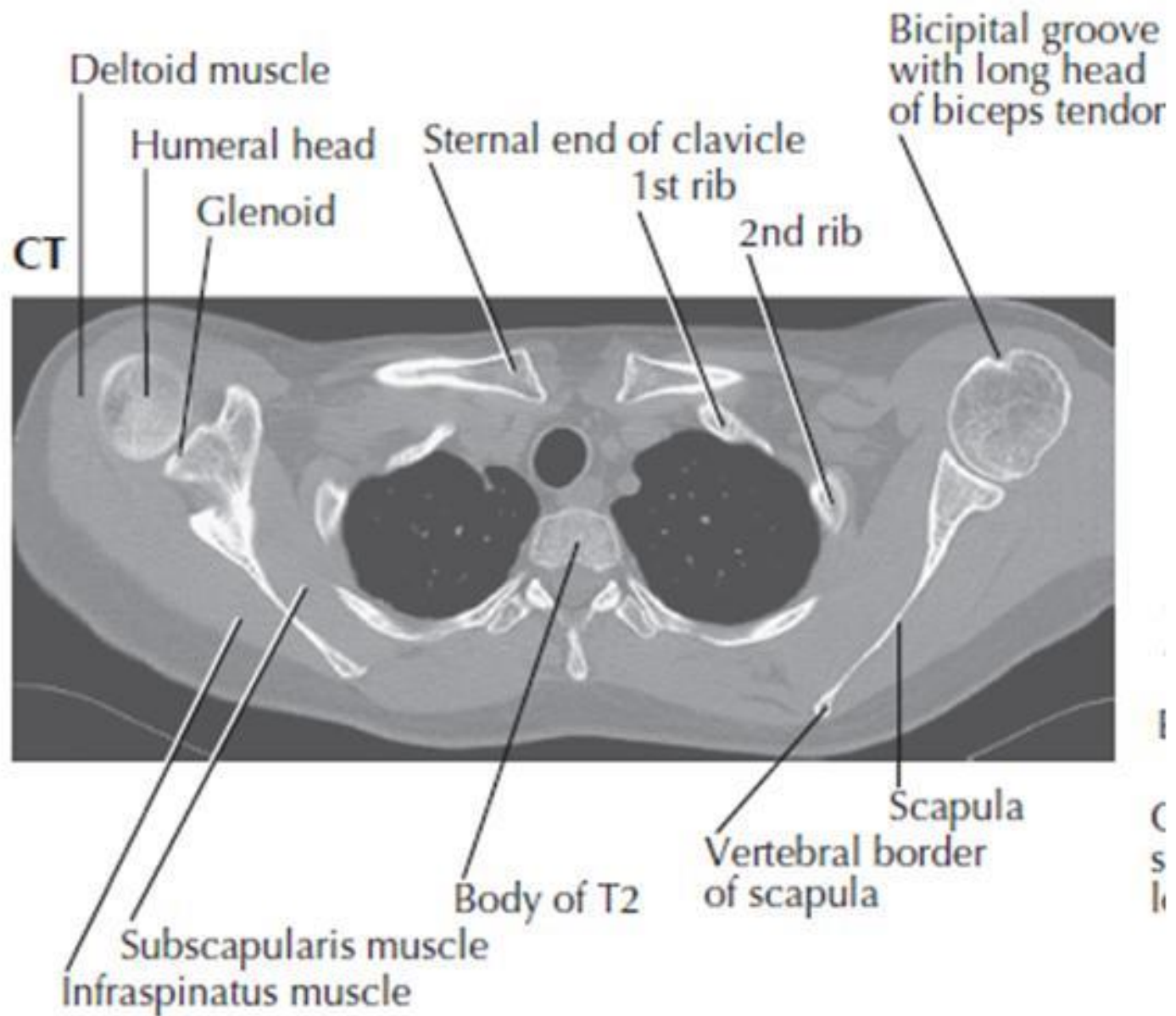


F. Netter

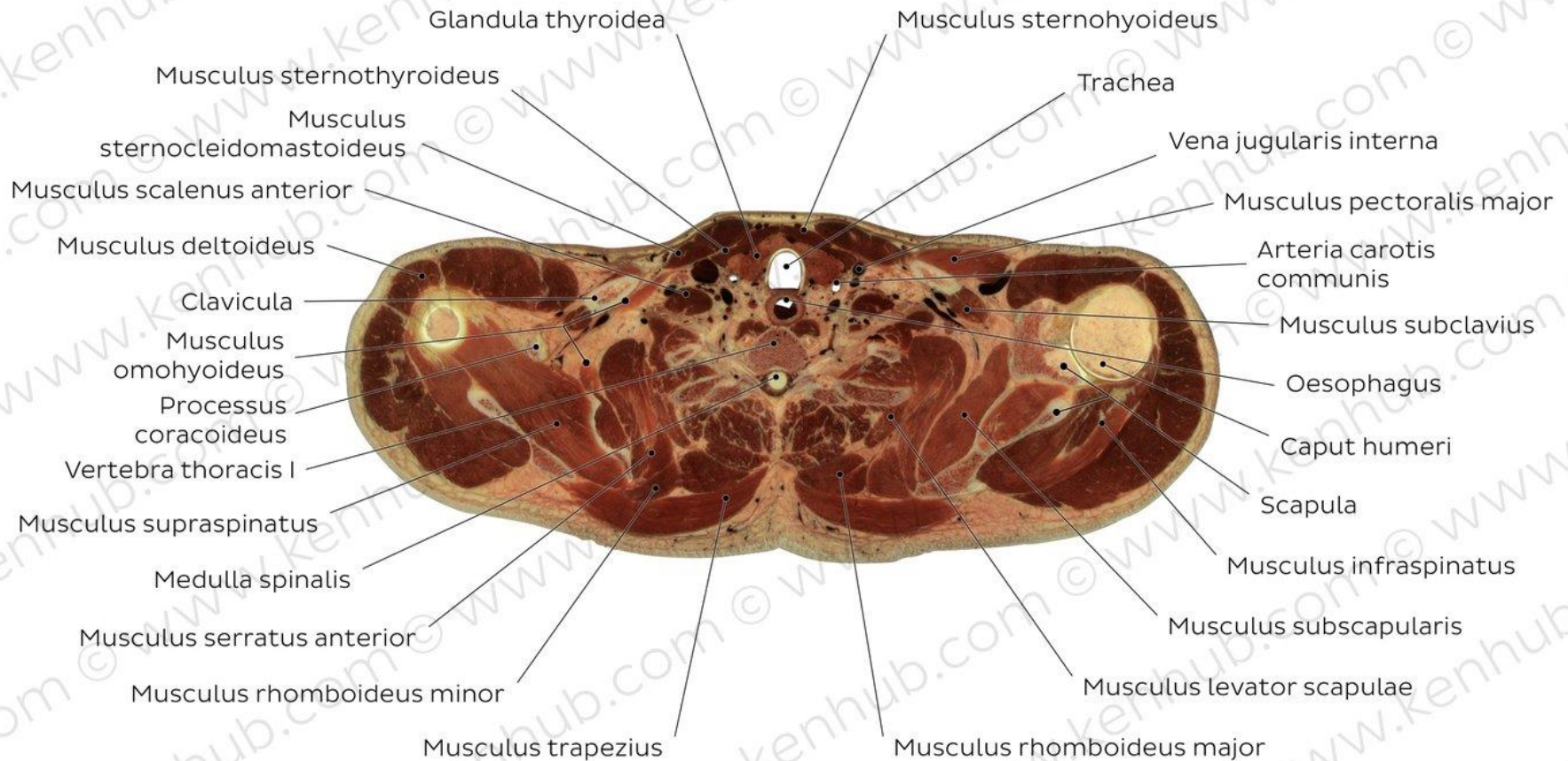


A Right Side of Body

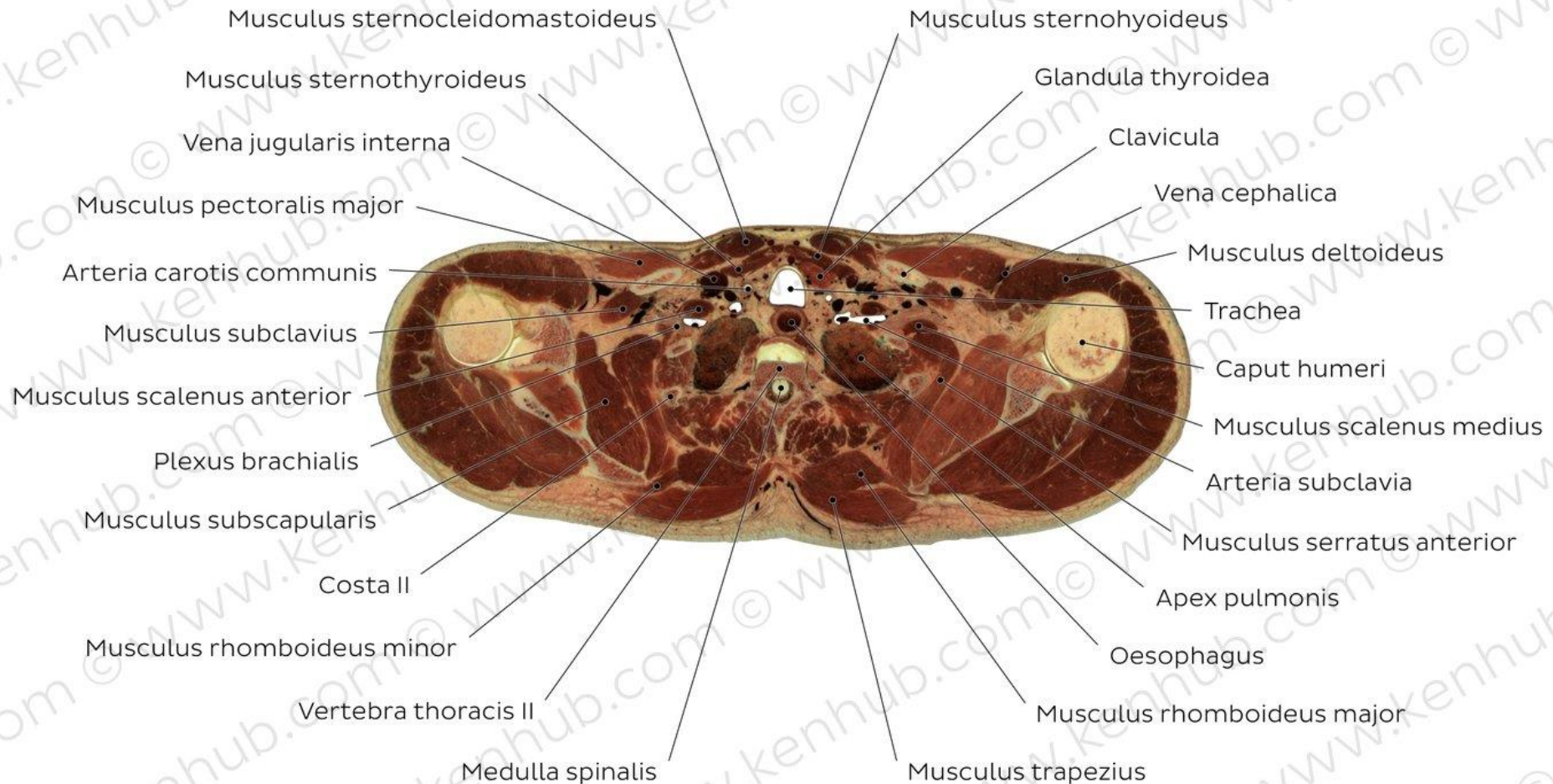




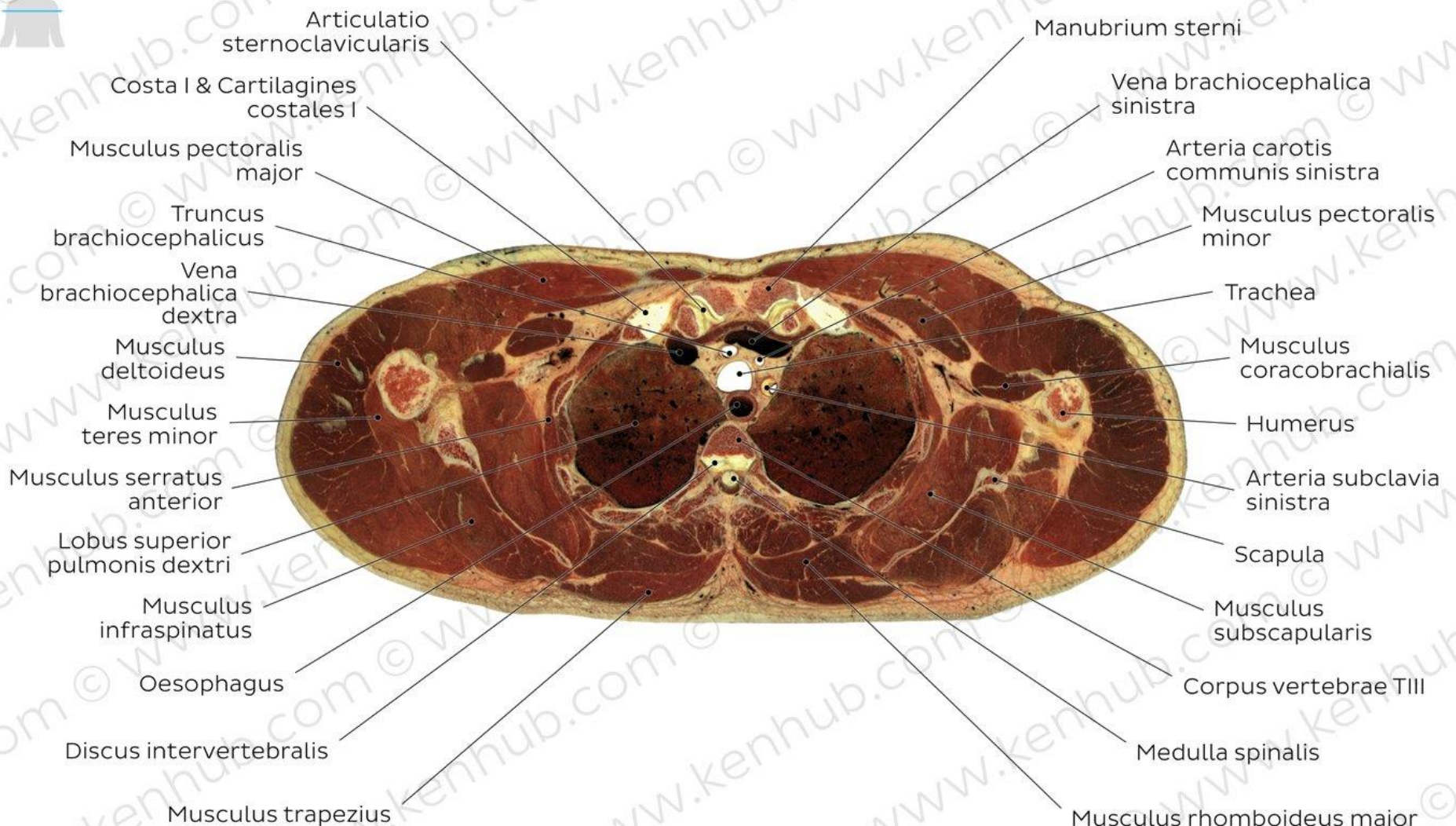
Thoracic 1st level



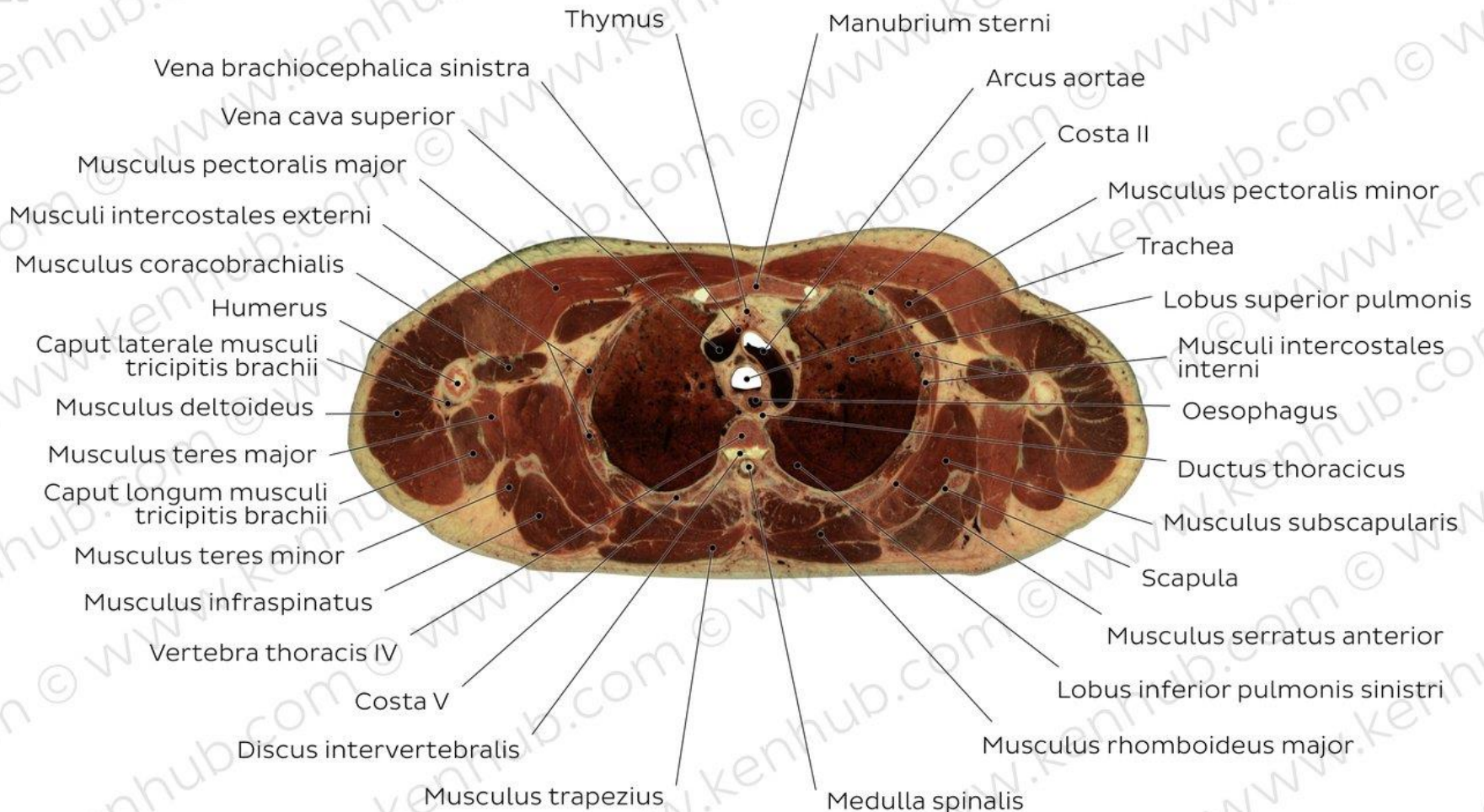
2nd Thoracic level



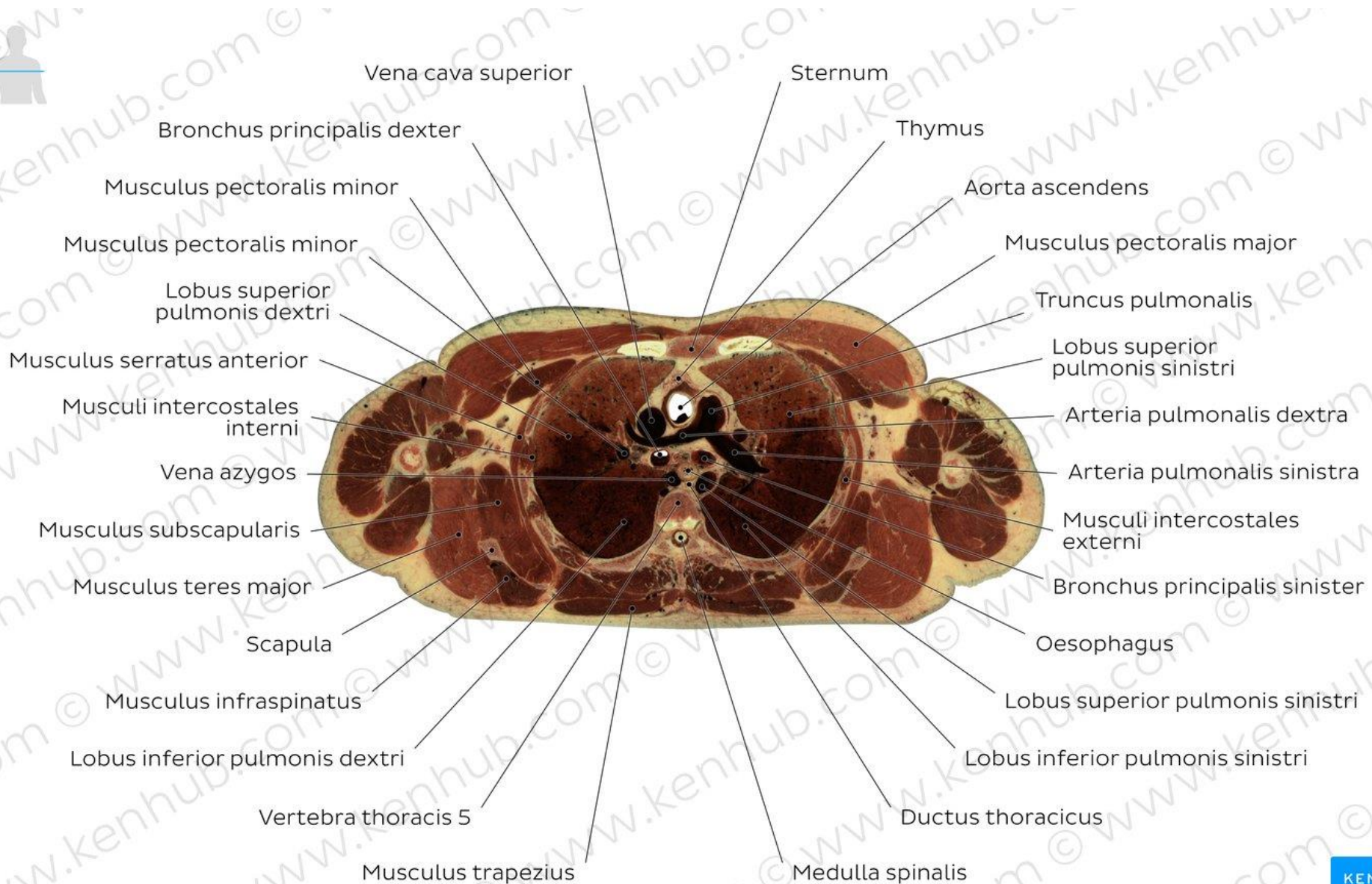
3rd Thoracic level



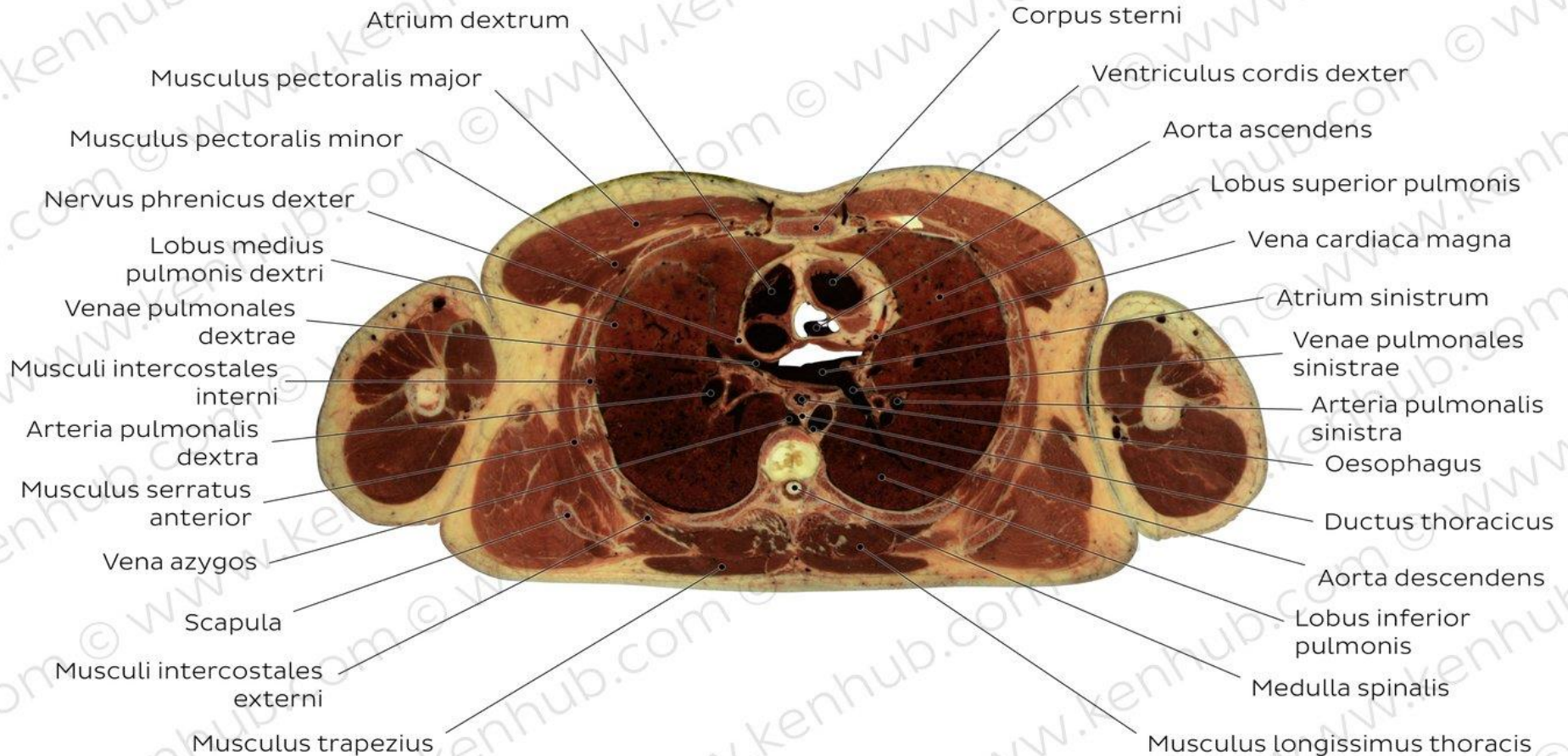
4th Thoracic level



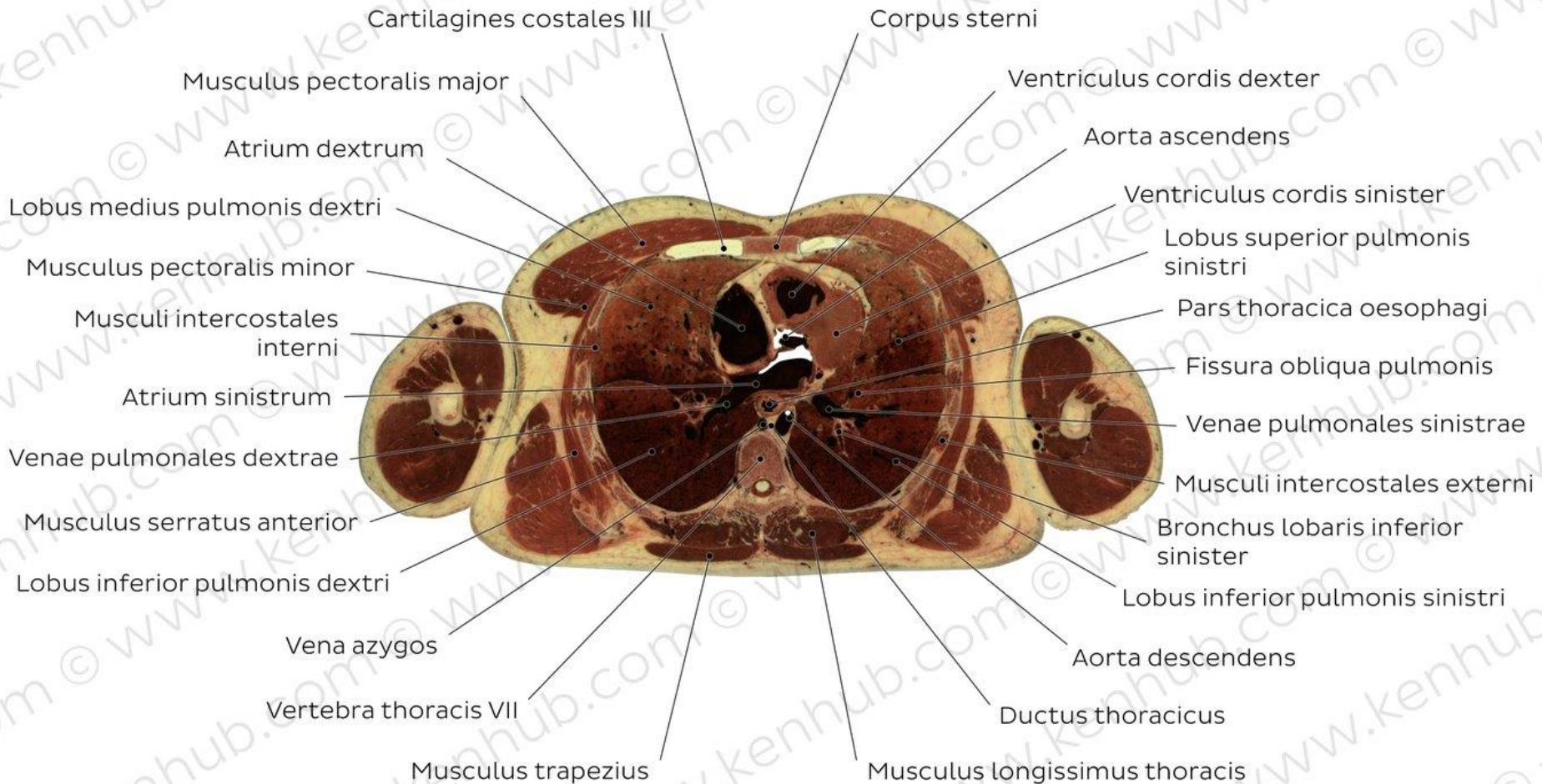
5th Thoracic level



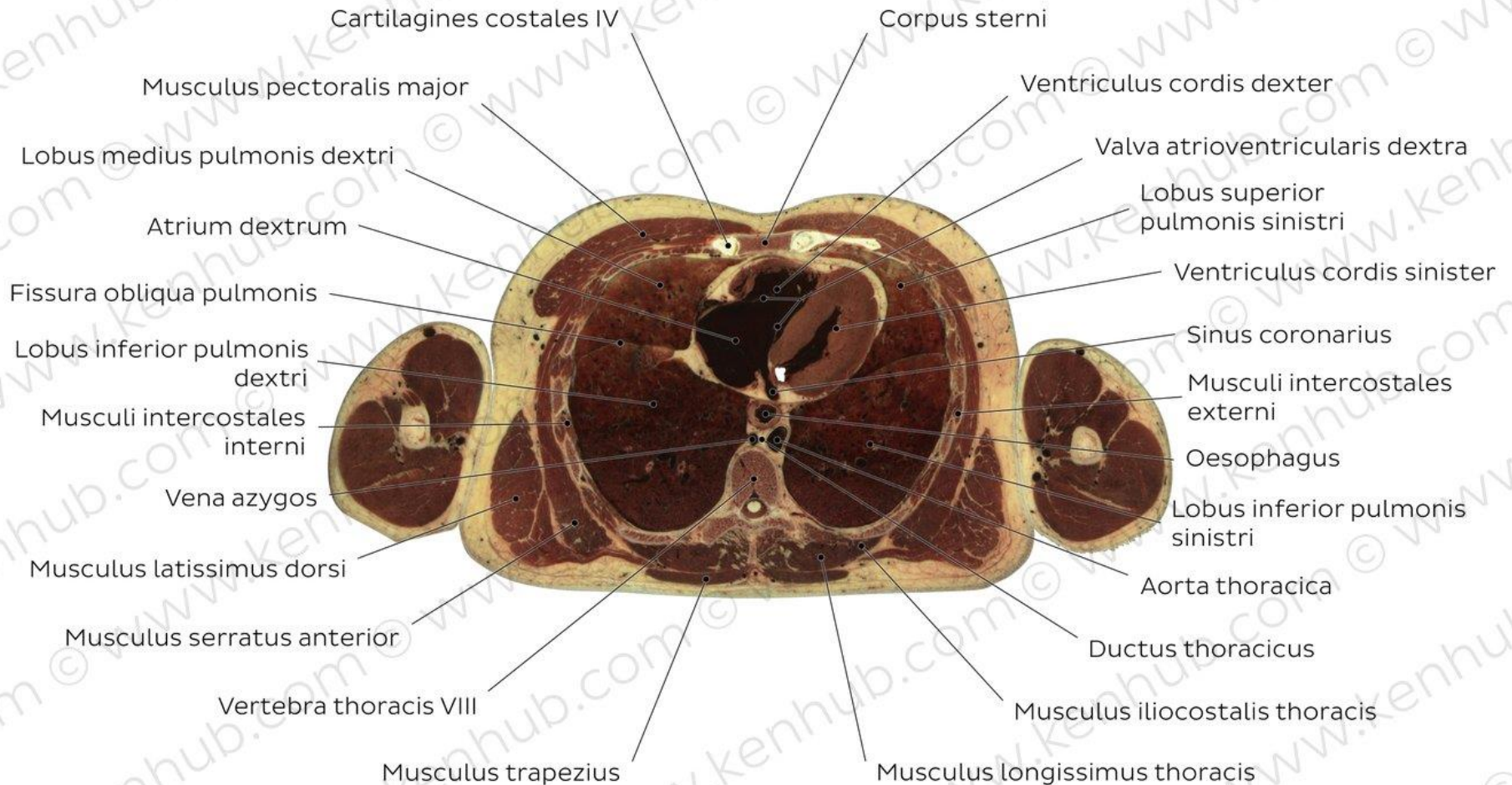
6th Thoracic level (pulmonary veins level)



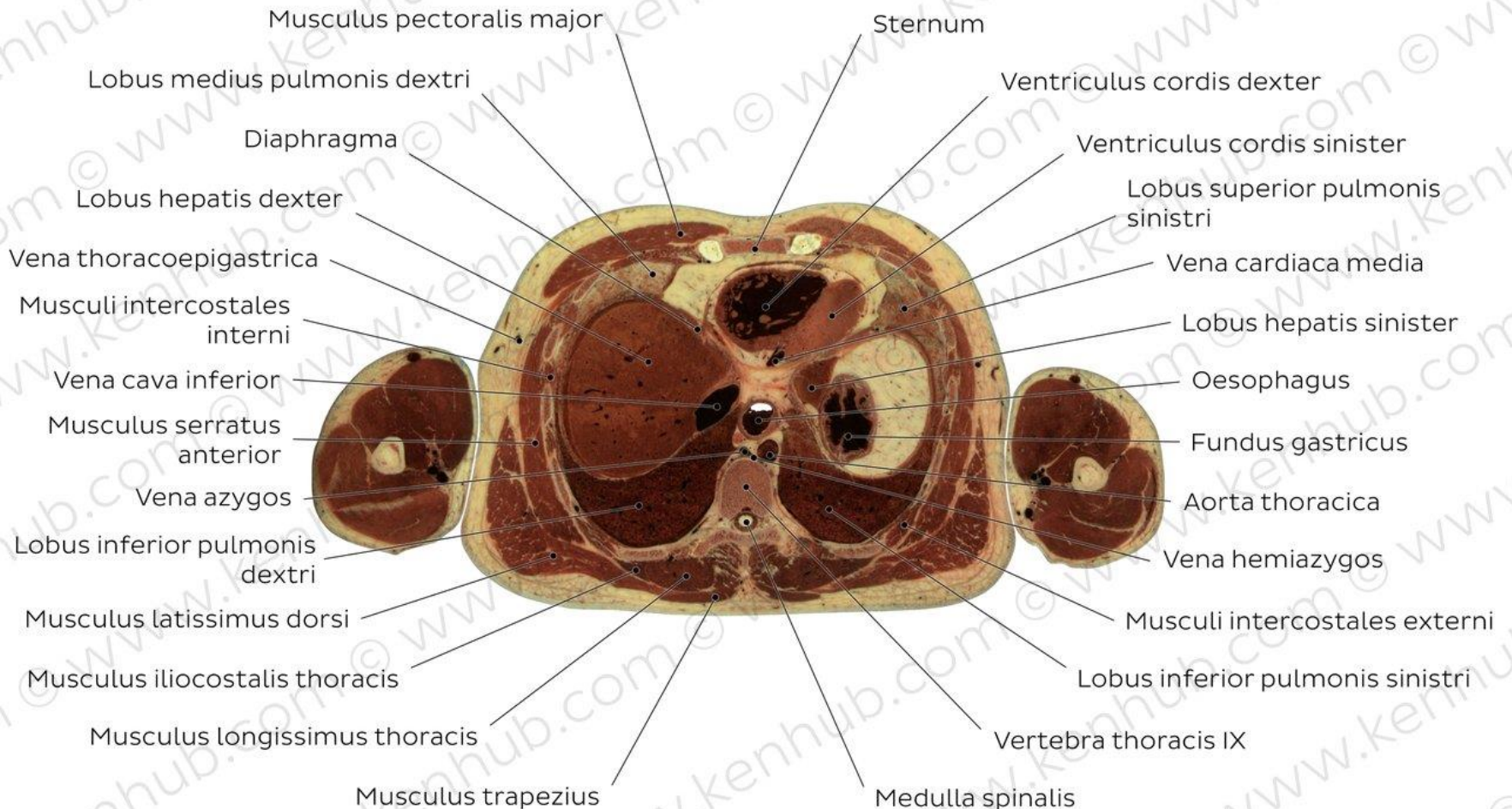
7th Thoracic level



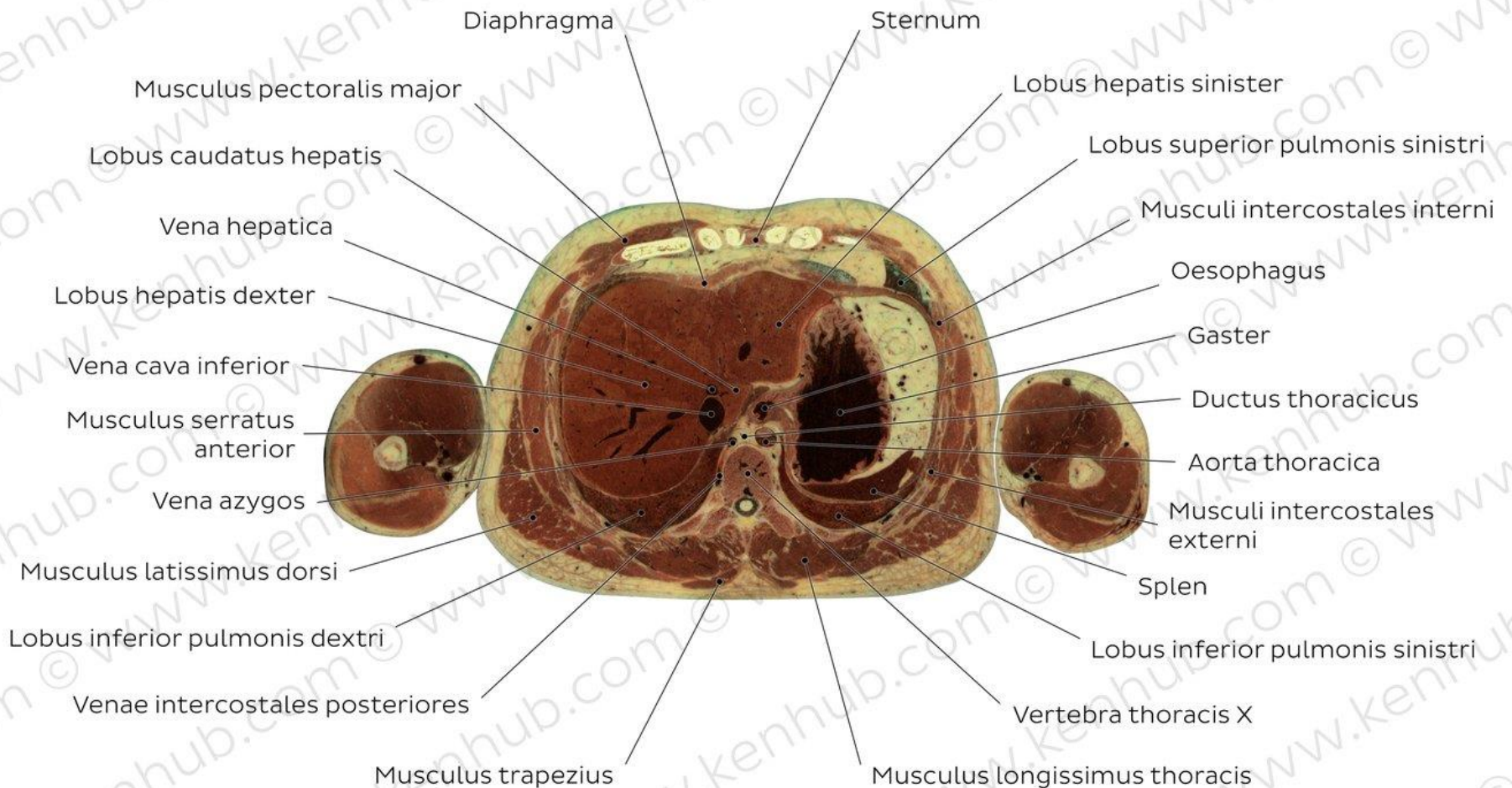
8th Thoracic level



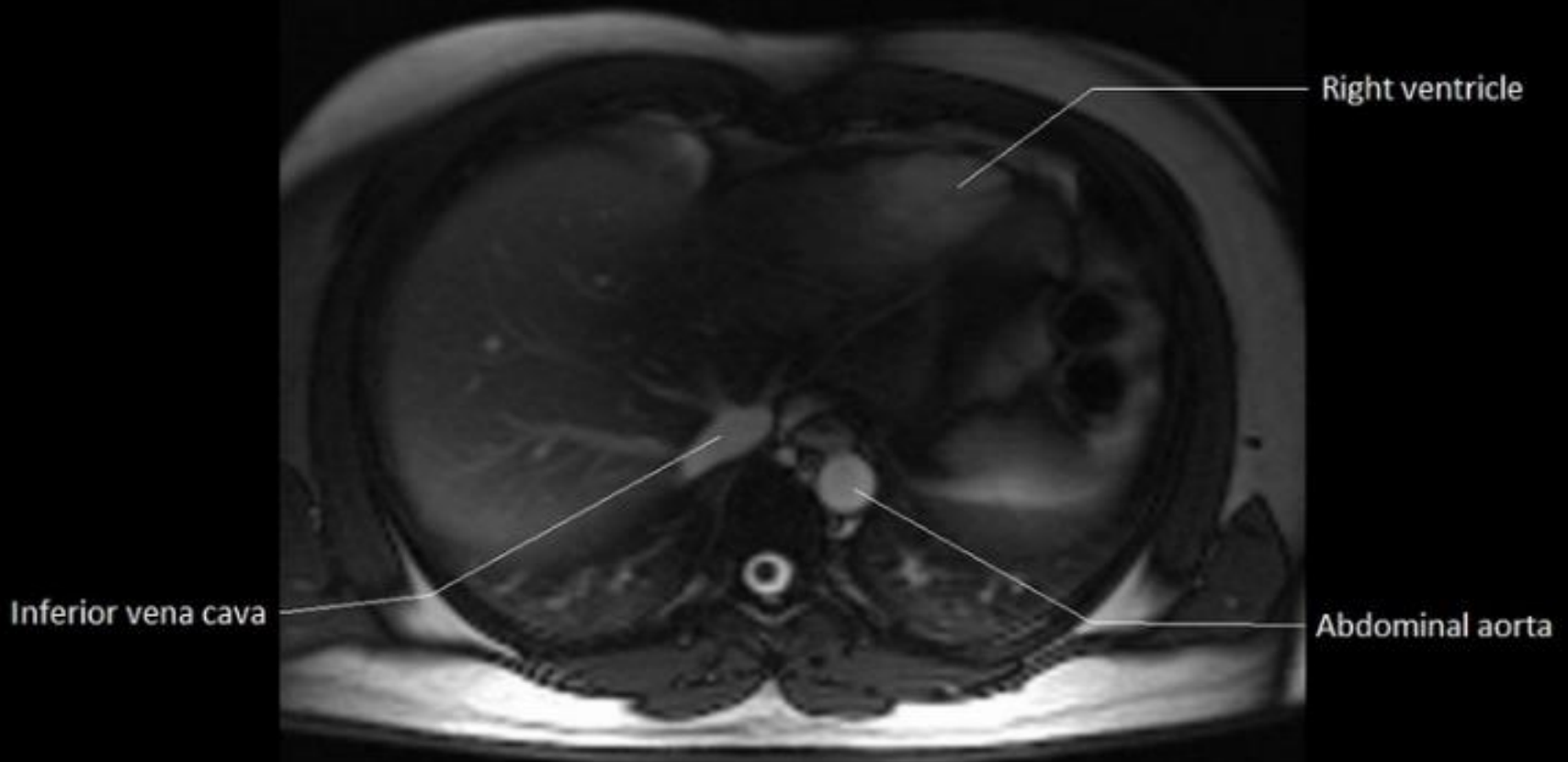
9th Thoracic level

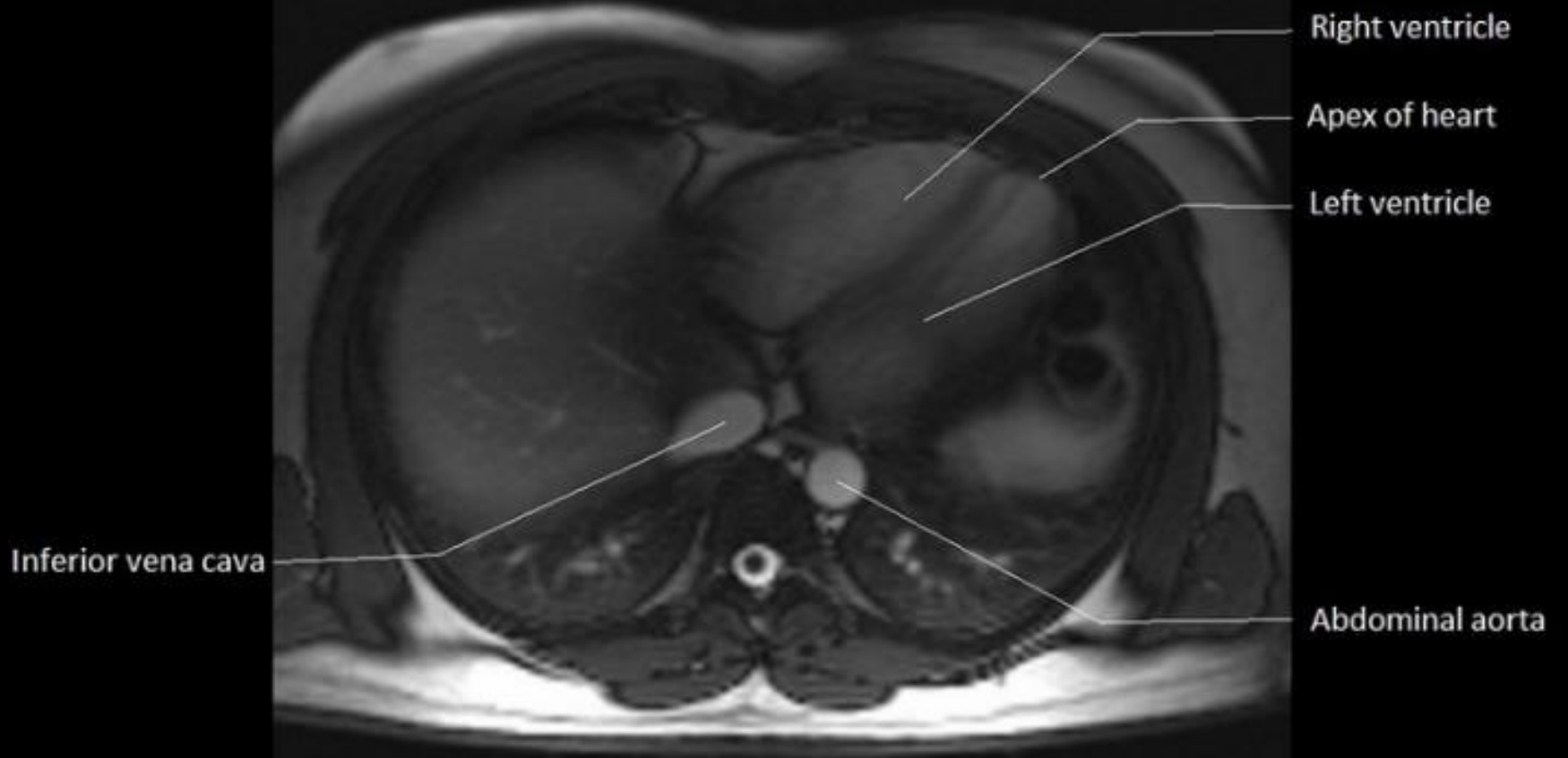


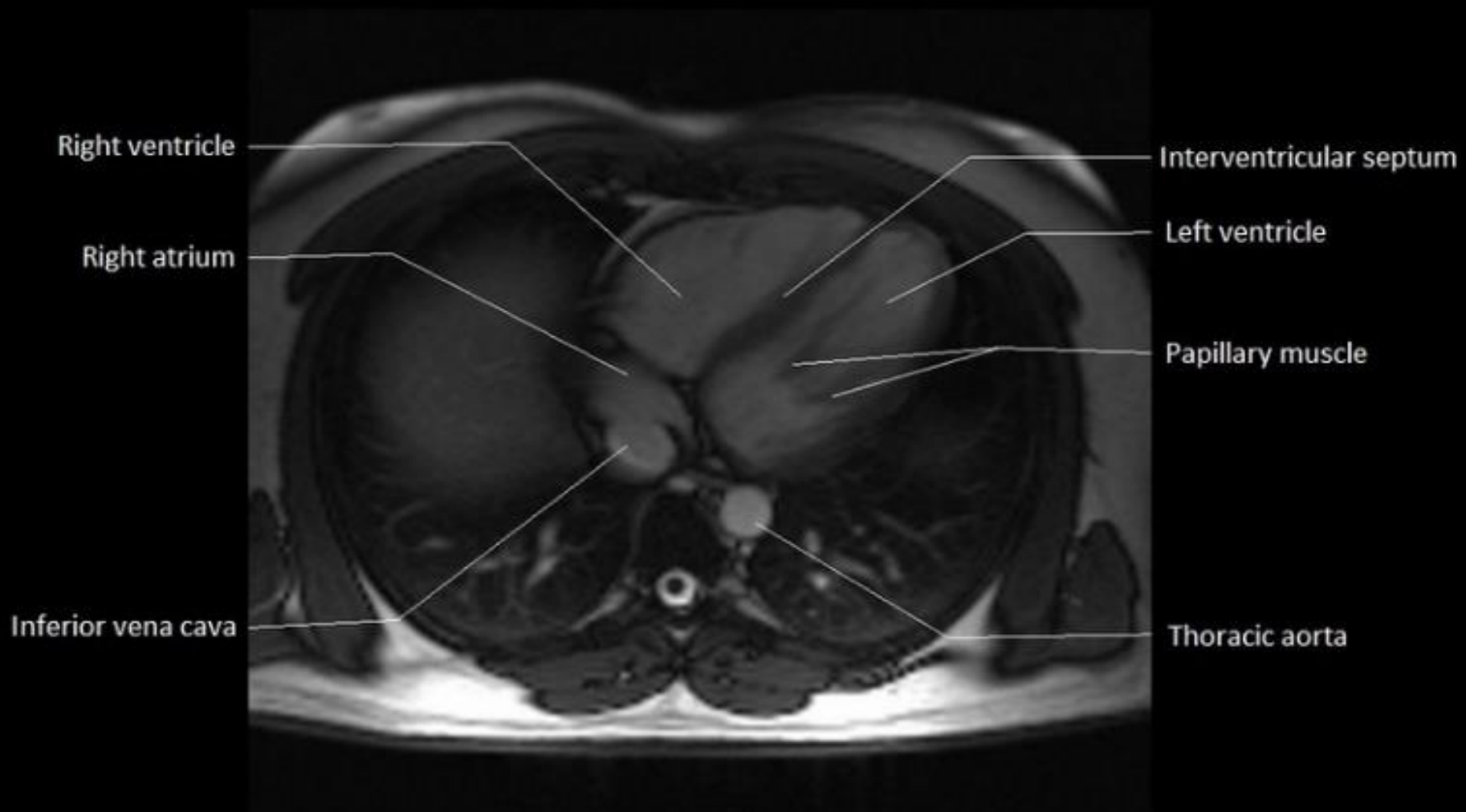
10th Thoracic level



MRI crosssection of the heart from down to up







Right ventricle

Tricuspid valve

Right atrium



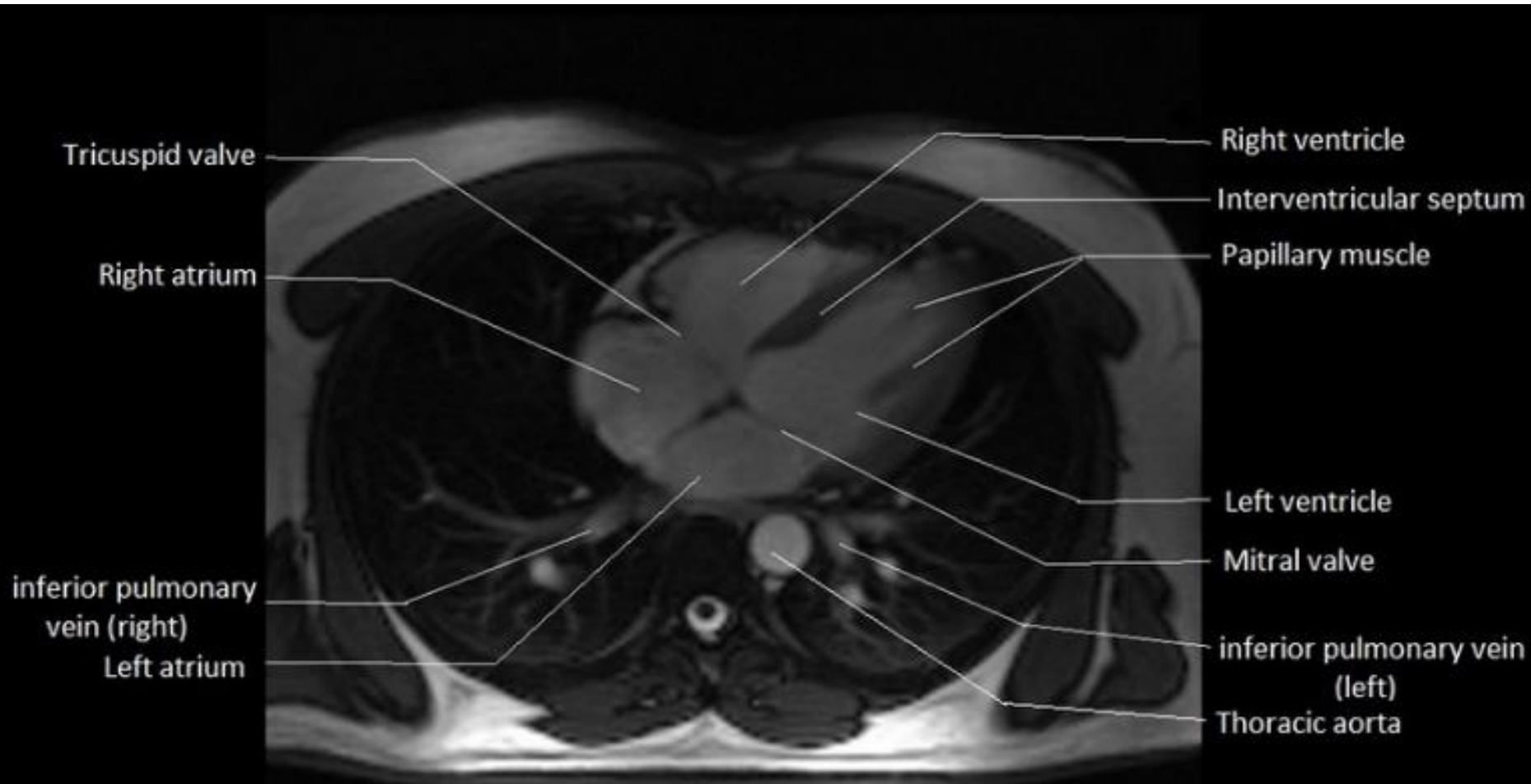
Interventricular septum

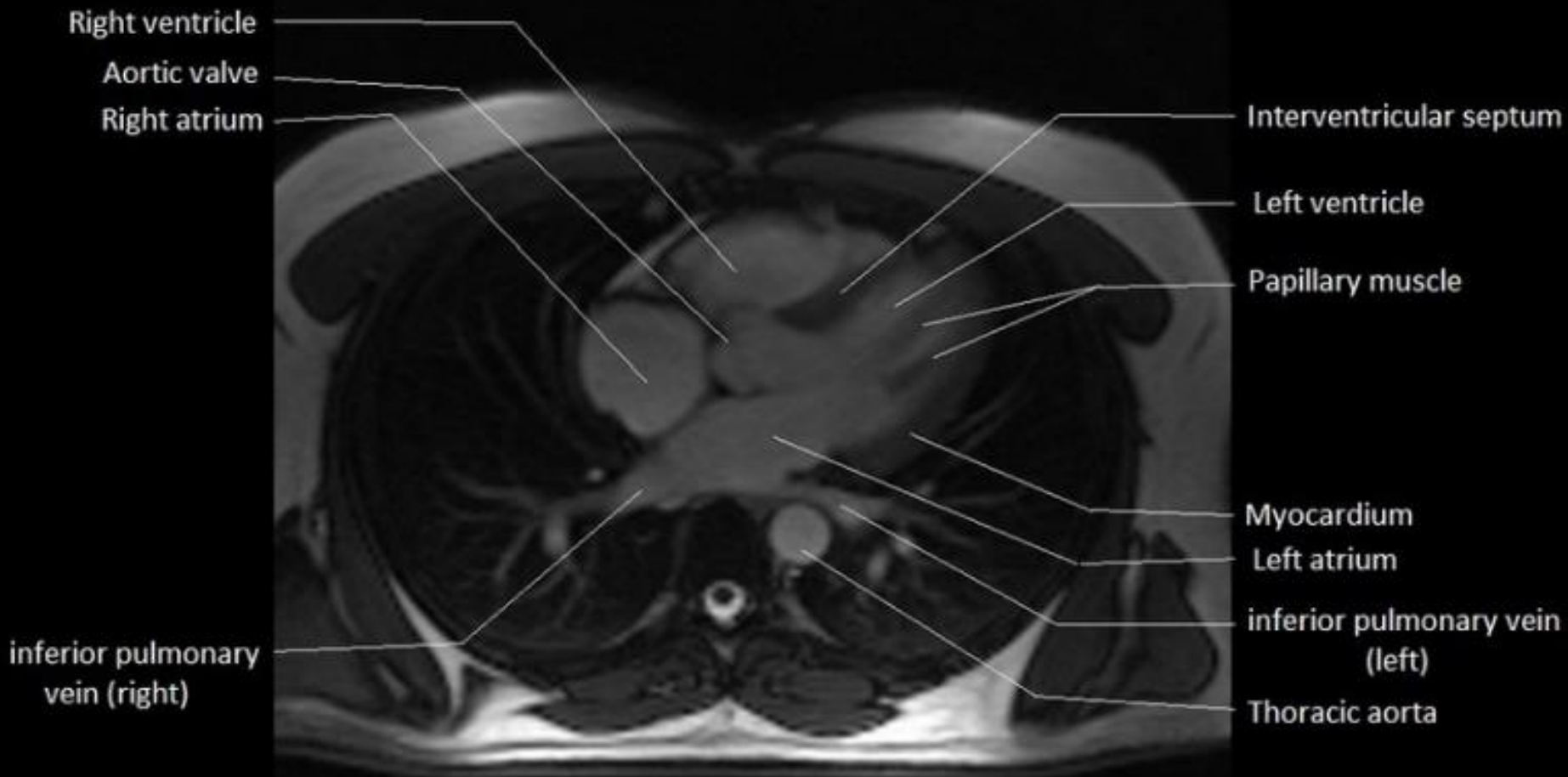
Left ventricle

Chordae tendineae

Myocardium

Thoracic aorta





Right ventricle

Aortic valve

Right atrium

inferior pulmonary vein (right)

Interventricular septum

Left ventricle

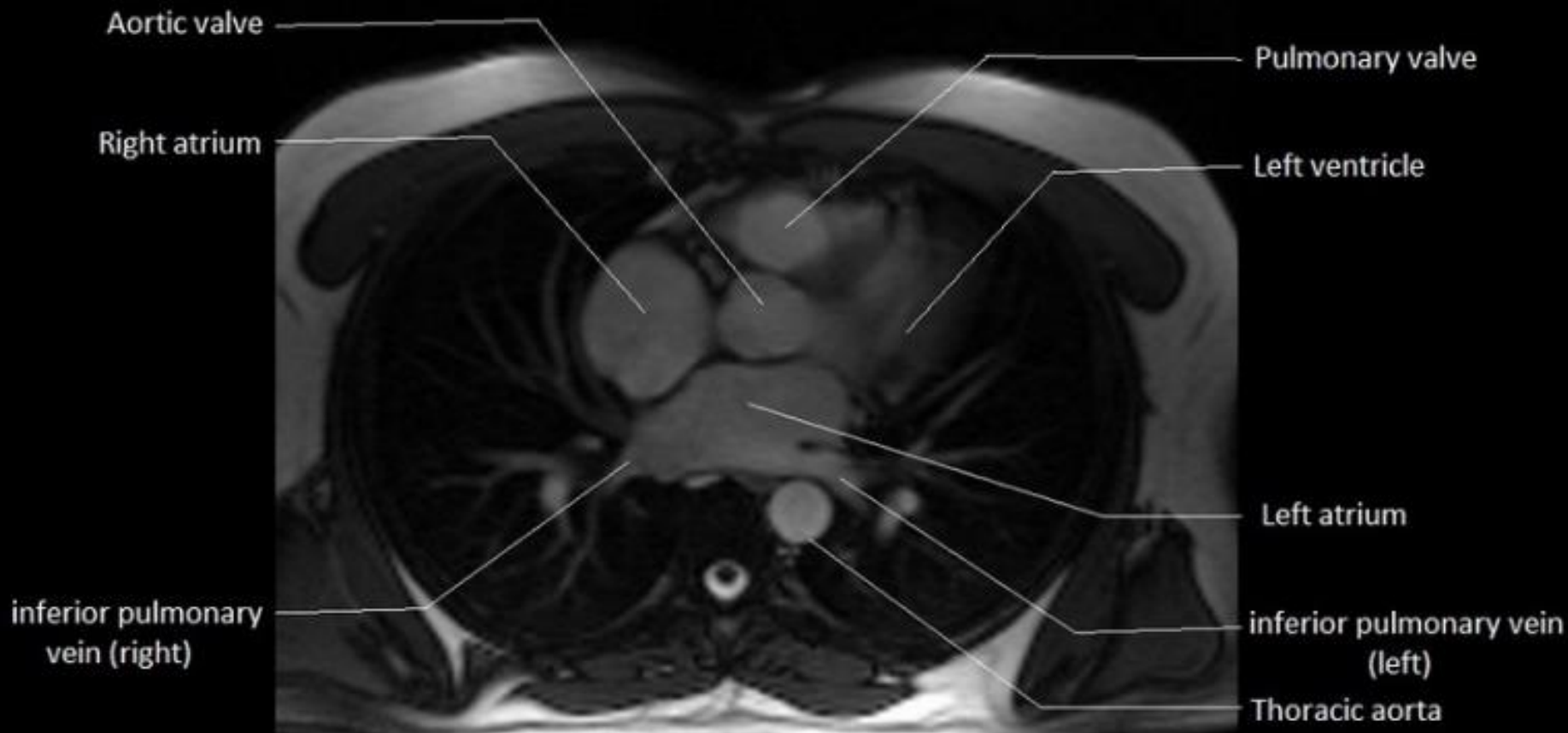
Papillary muscle

Myocardium

Left atrium

inferior pulmonary vein (left)

Thoracic aorta

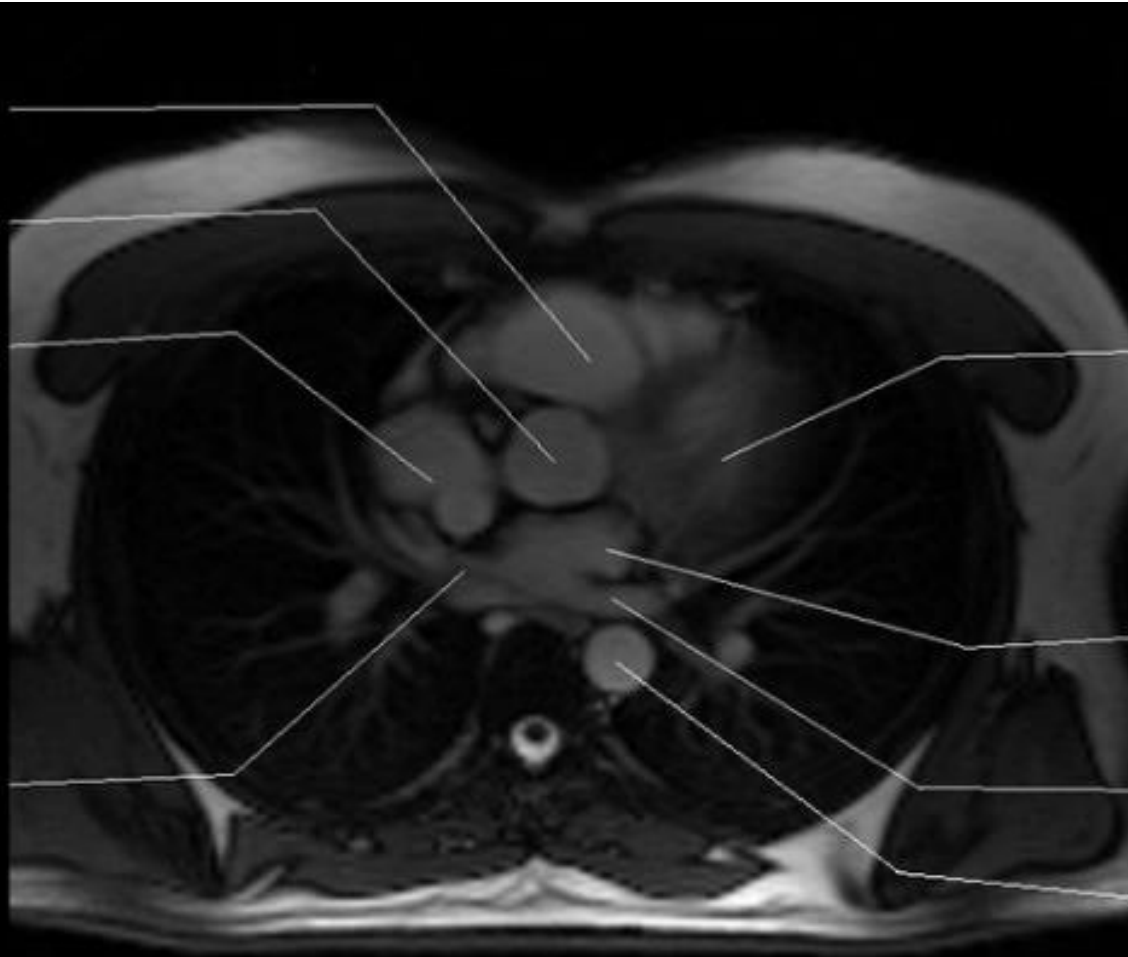


Pulmonary trunk

Ascending aorta

Right atrium

inferior pulmonary vein (right)

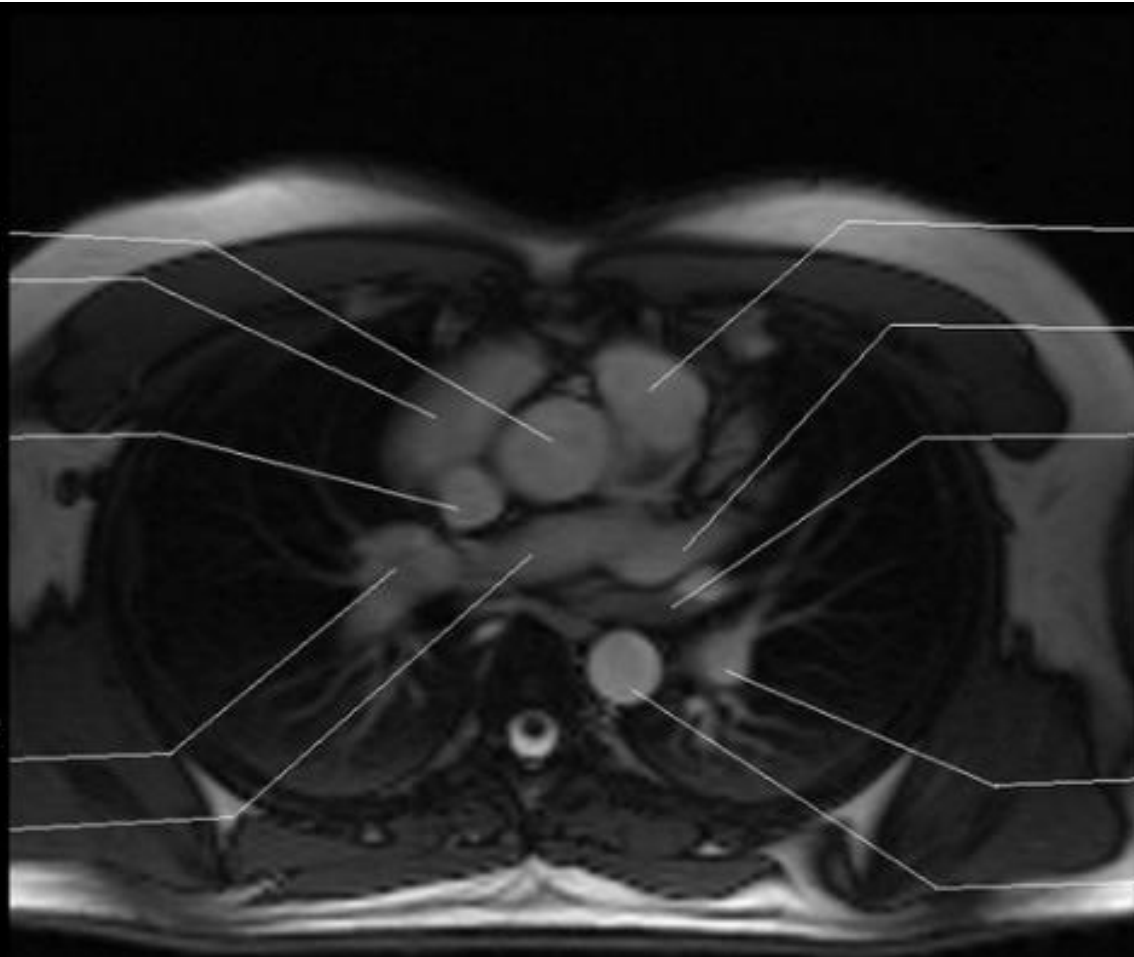


Left ventricle

Left atrium

inferior pulmonary vein (left)

Thoracic aorta



Ascending aorta
Right atrium

Superior vena cava

Descending branch of
pulmonary artery
superior pulmonary
vein (Right)

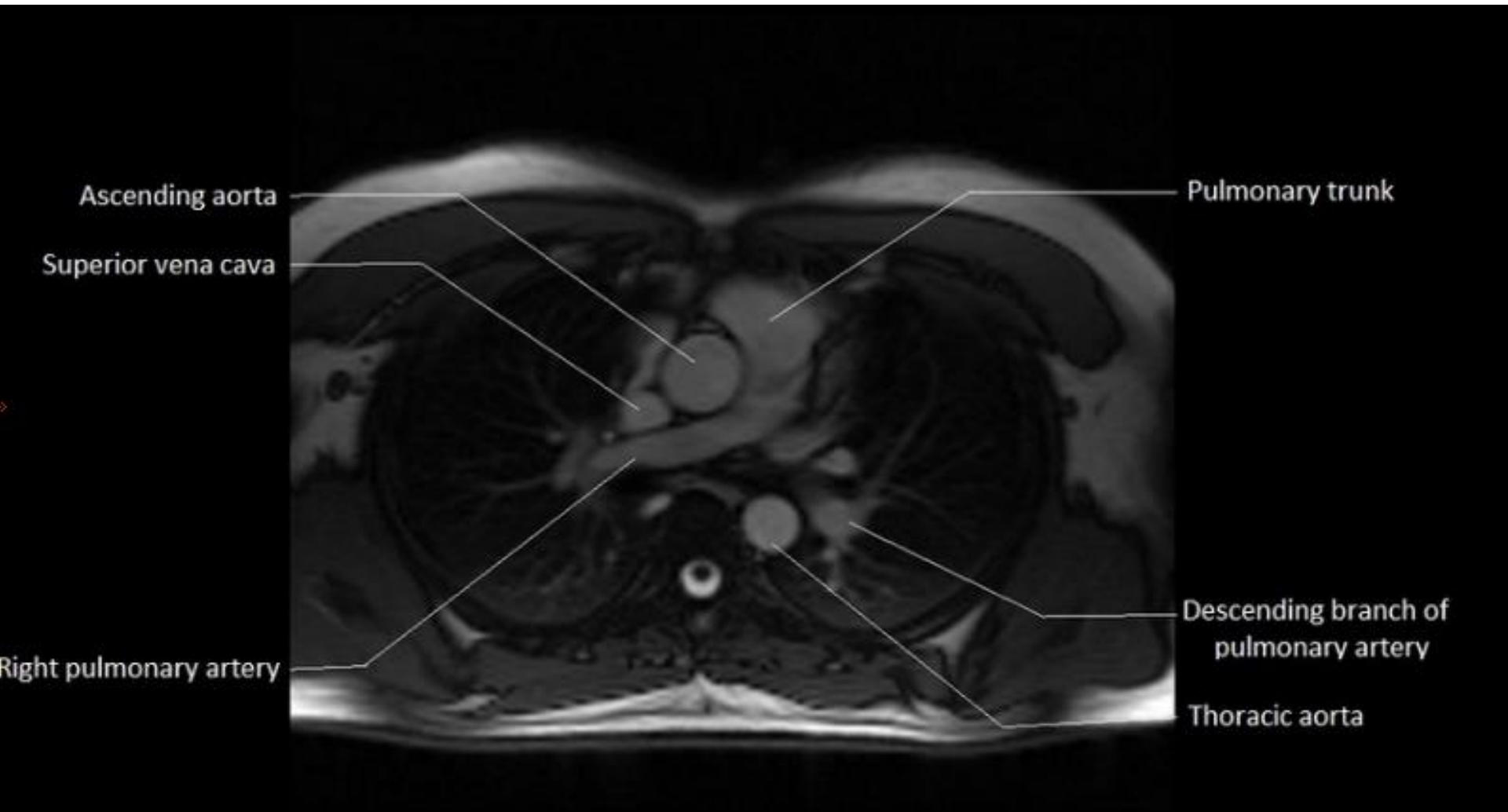
Pulmonary trunk

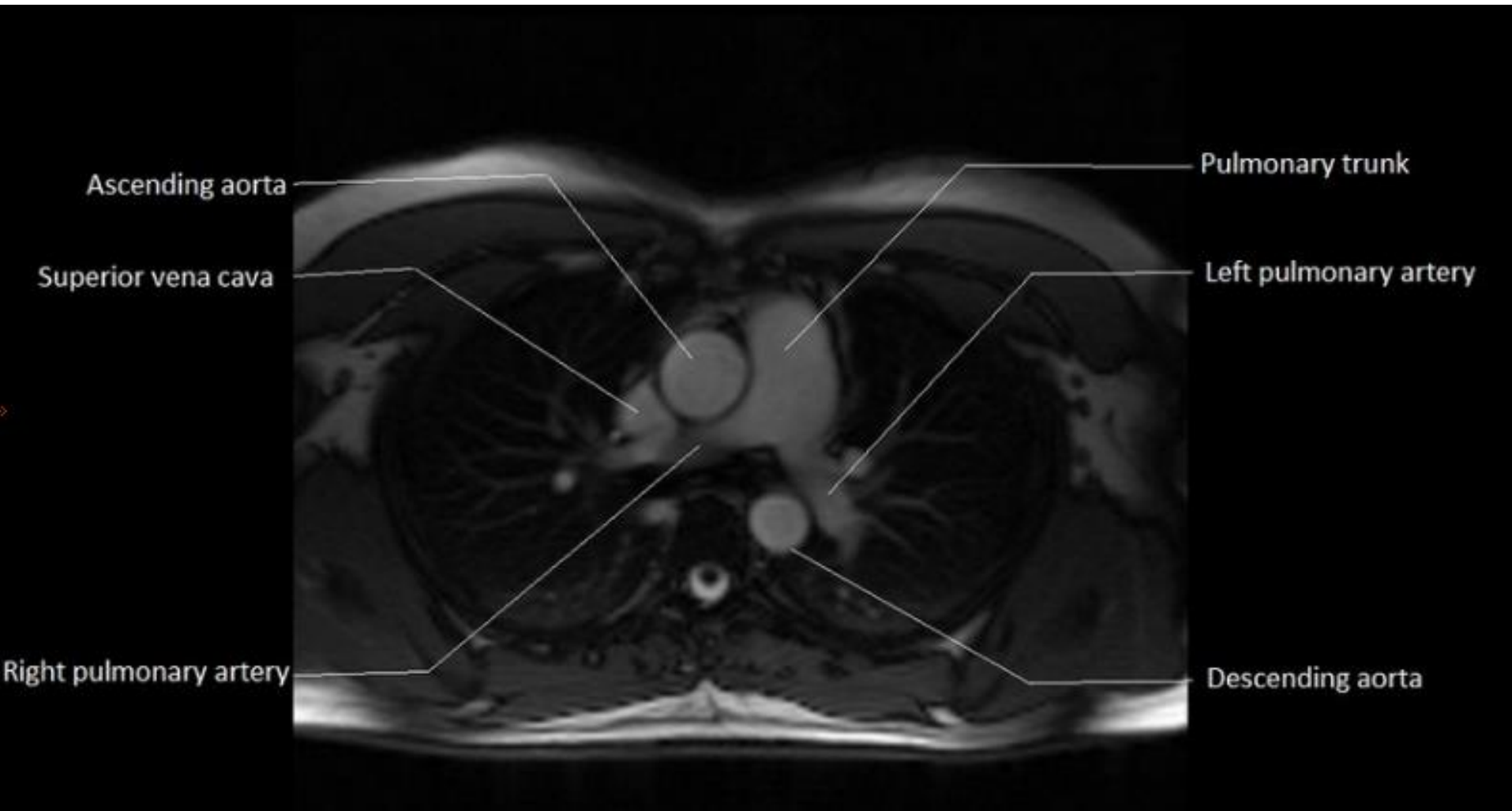
Superior pulmonary
vein (left)

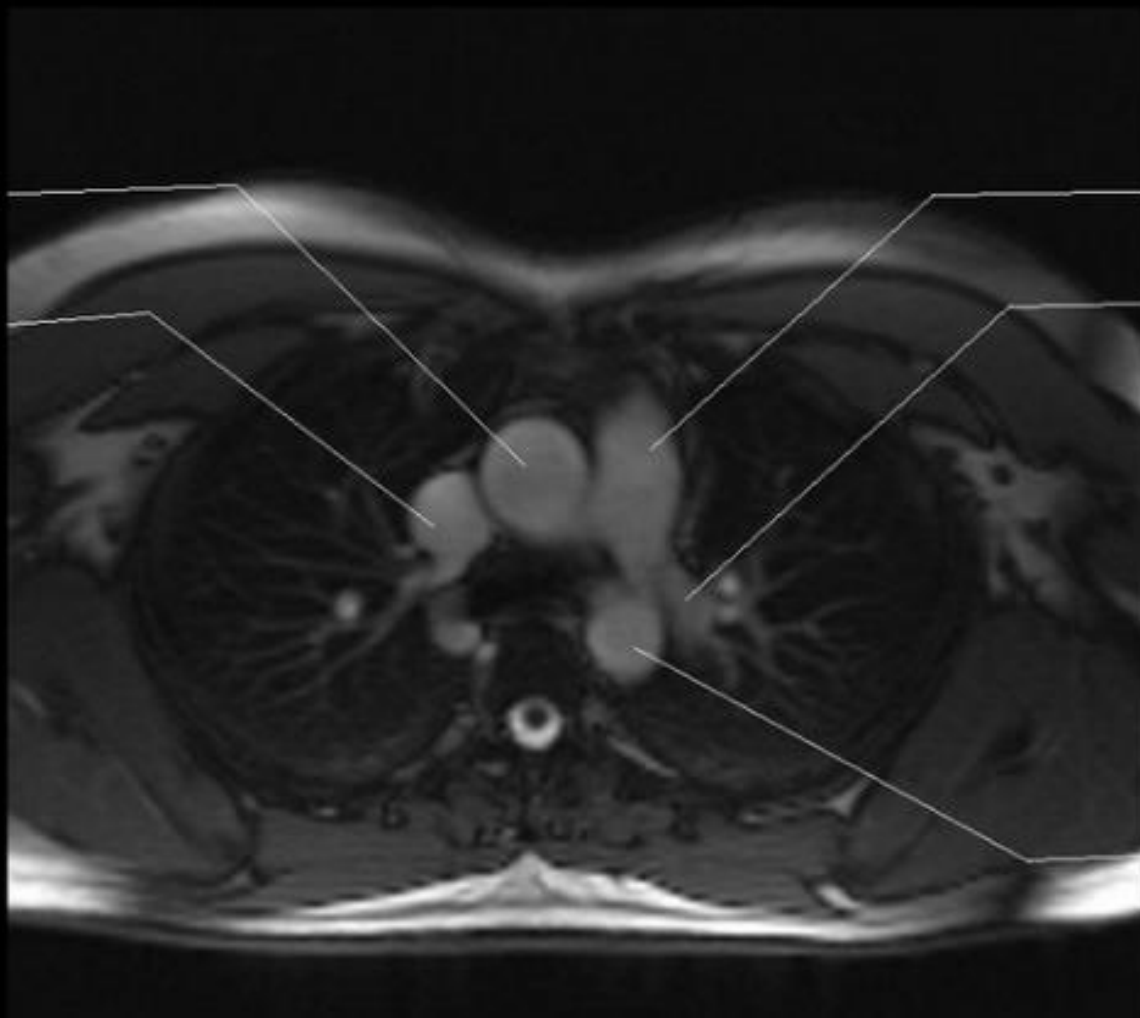
inferior pulmonary vein
(left)

Descending branch of
pulmonary artery

Thoracic aorta







Ascending aorta

Superior vena cava

Pulmonary trunk

Left pulmonary artery

Descending aorta

Superior vena cava

Arch of aorta

Pulmonary trunk

Apical posterior branch

Apical posterior branch

