

# 10 great views inside the human body

**The human body is  
extraordinary.**

With **Human Anatomy Atlas**, you can see each body system right down to its individual components.

Let's take a look!

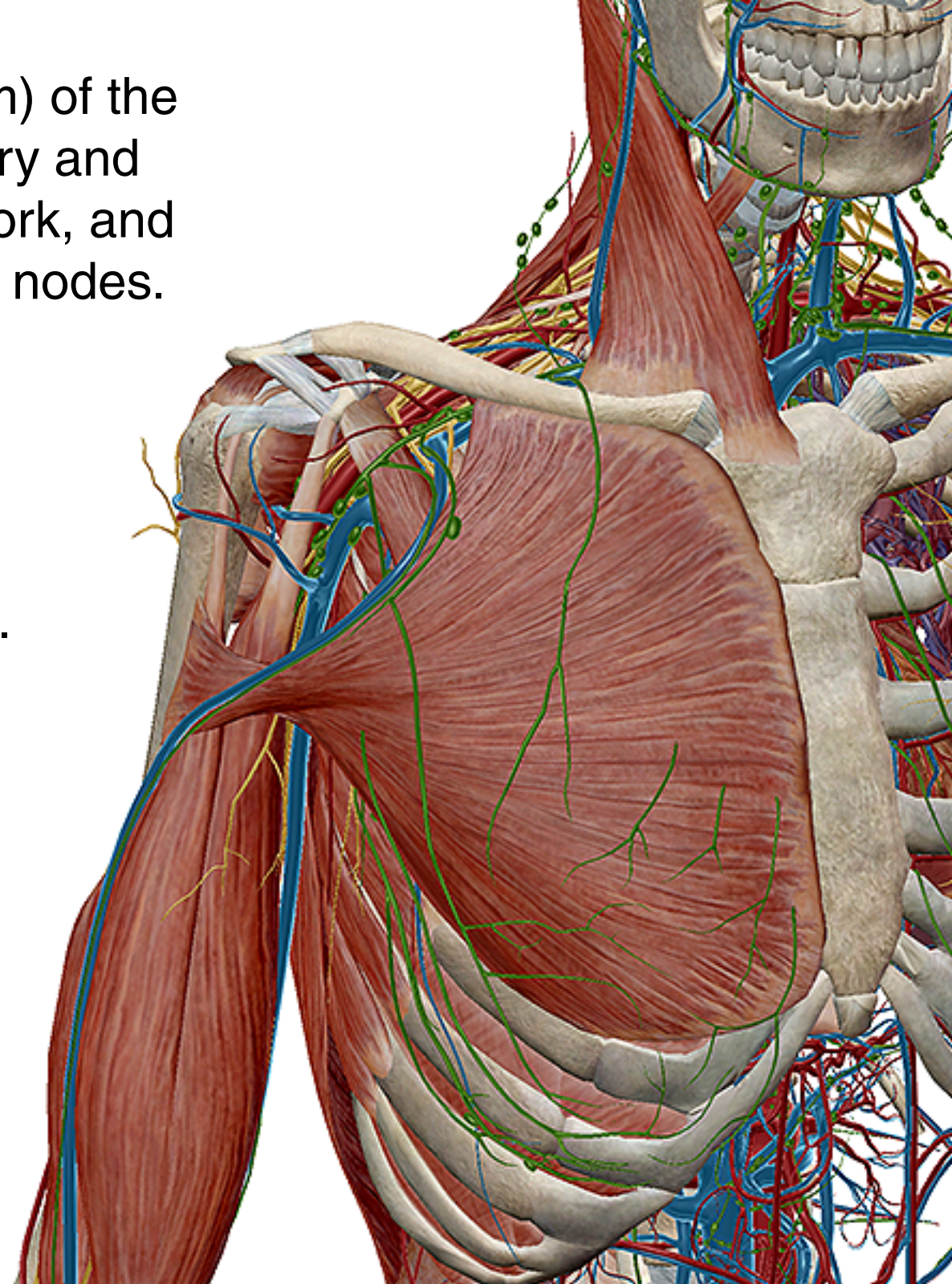
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The **axilla region** (underarm) of the body includes the axillary artery and vein, the brachial plexus network, and the axillary lymph vessels and nodes.

The **brachial plexus** leads to nerve branches of the hand.

The **axillary vessels** and their branches supply blood to the shoulder and upper limb.

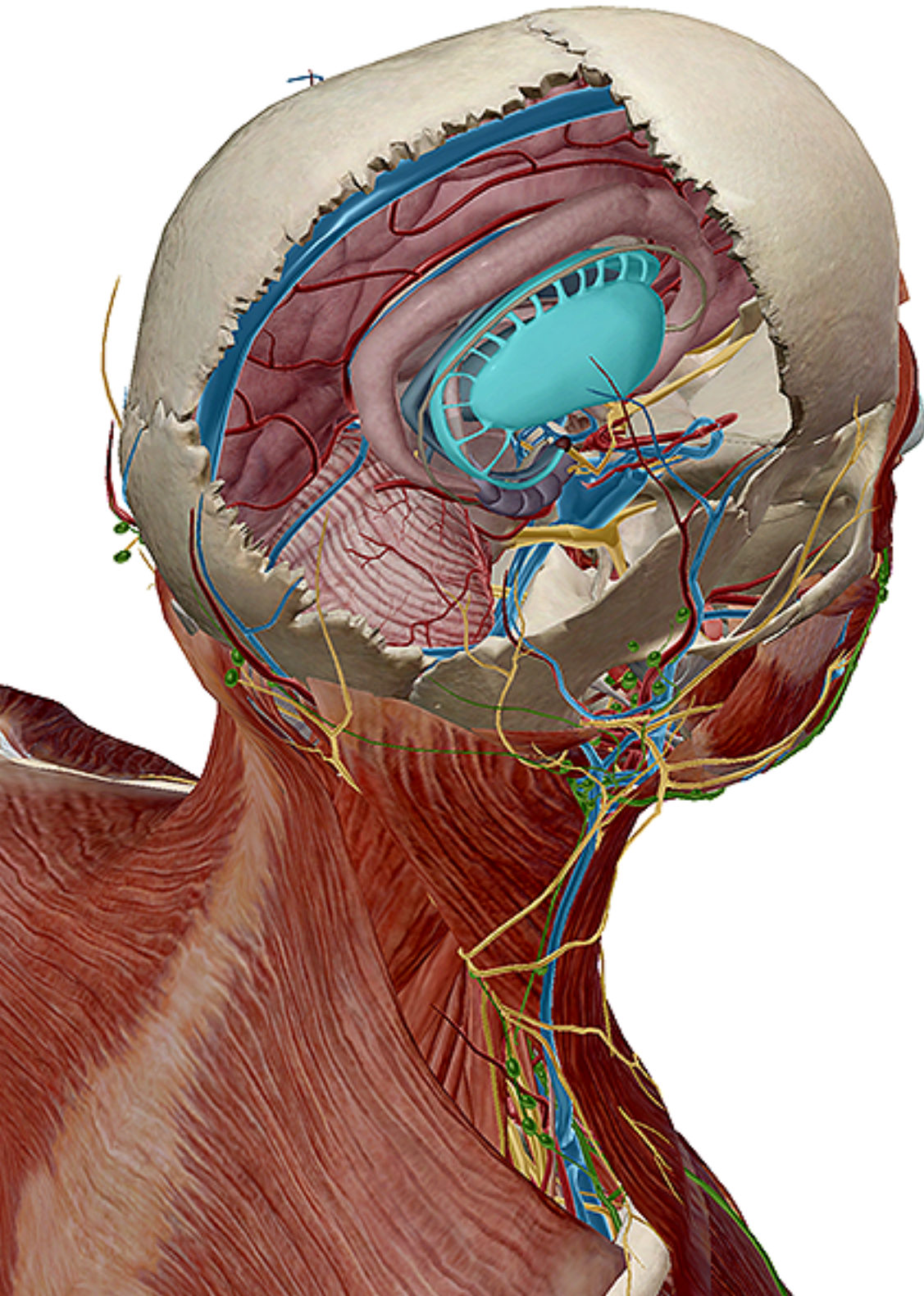


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Highlighted is the **basal ganglia**, a group of nuclei that surrounds the thalamus.

These brain structures regulate body movements by processing sensory and motor information from the **cerebral cortex**.



The **lymph nodes** of the lymphatic system filter foreign particles from **lymph**, an important bodily fluid.

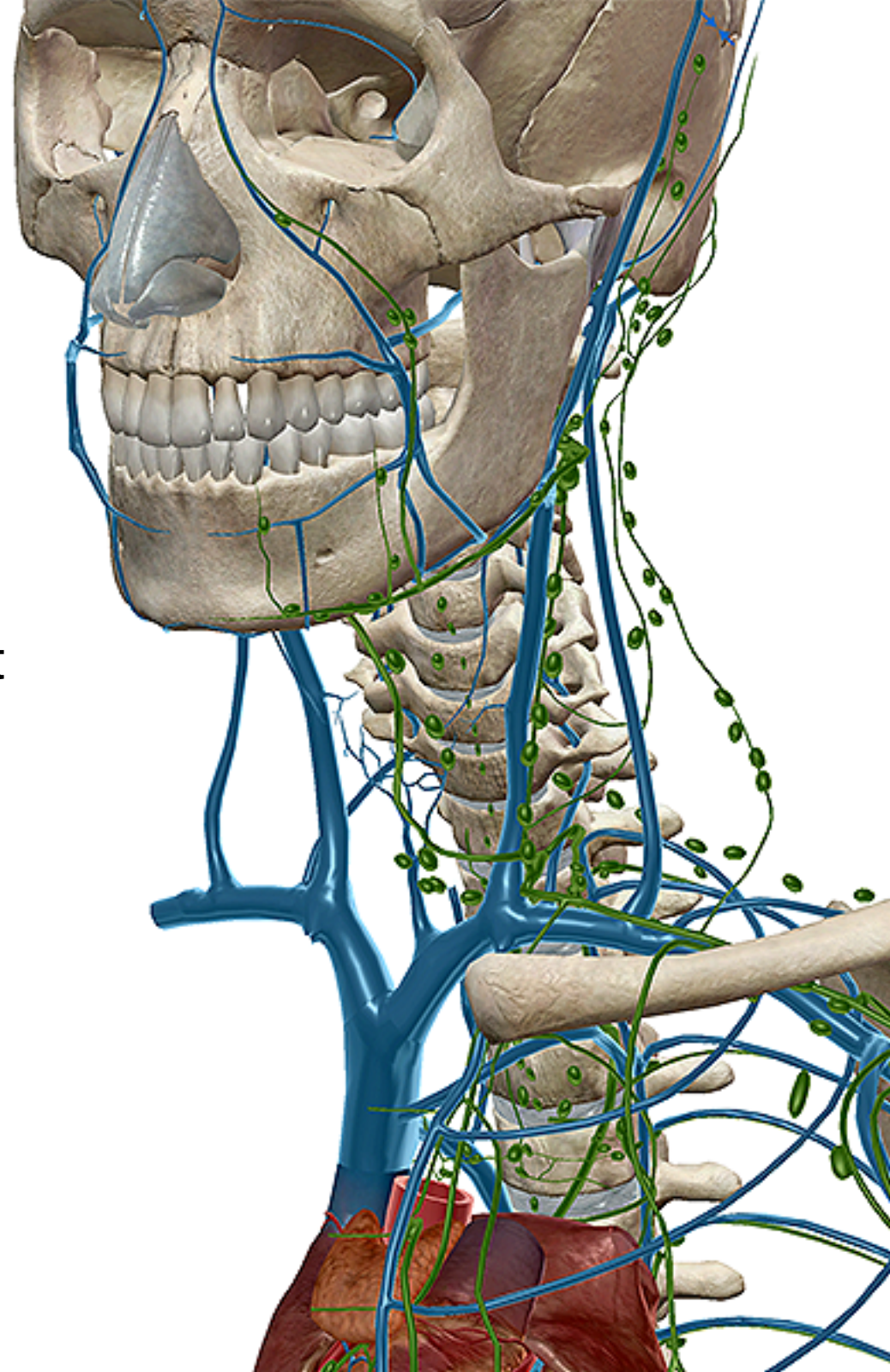
As lymph passes through, the nodes add **lymphocytes** to it; these cells identify and kill pathogens throughout the body.

**Factoid:** Swollen lymph nodes are used to diagnose certain infections and diseases.

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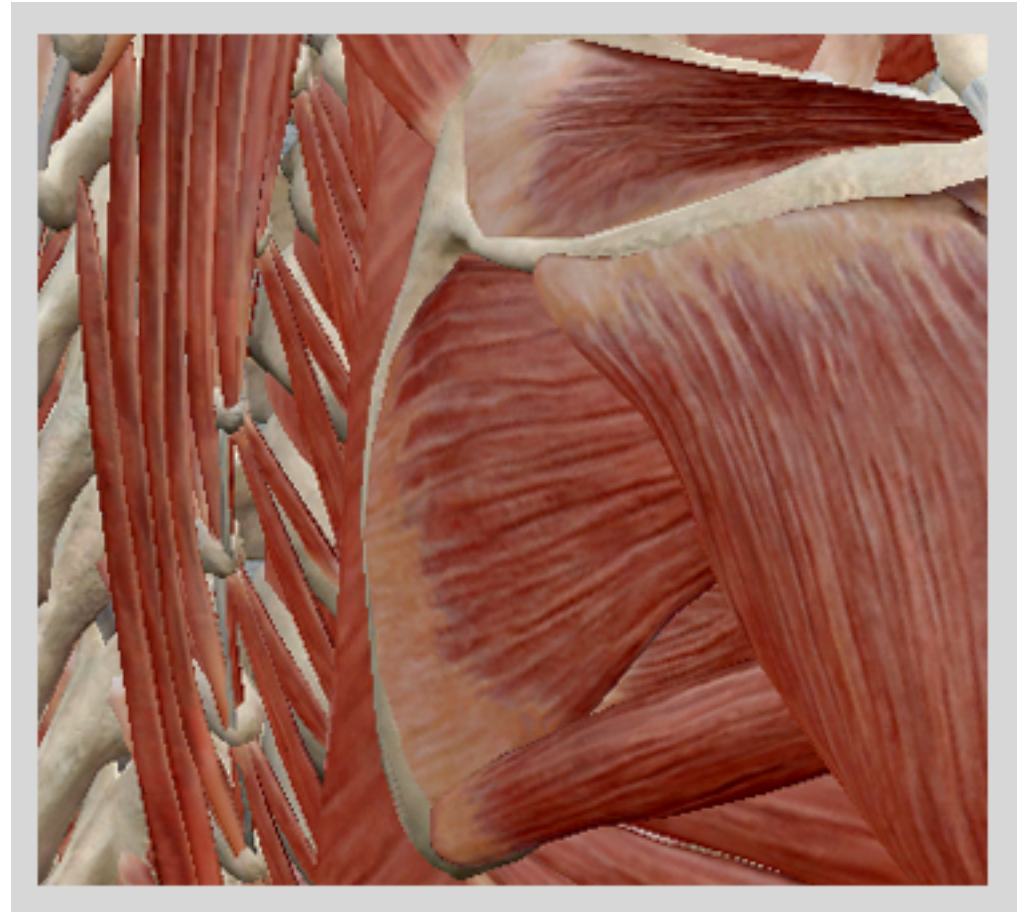
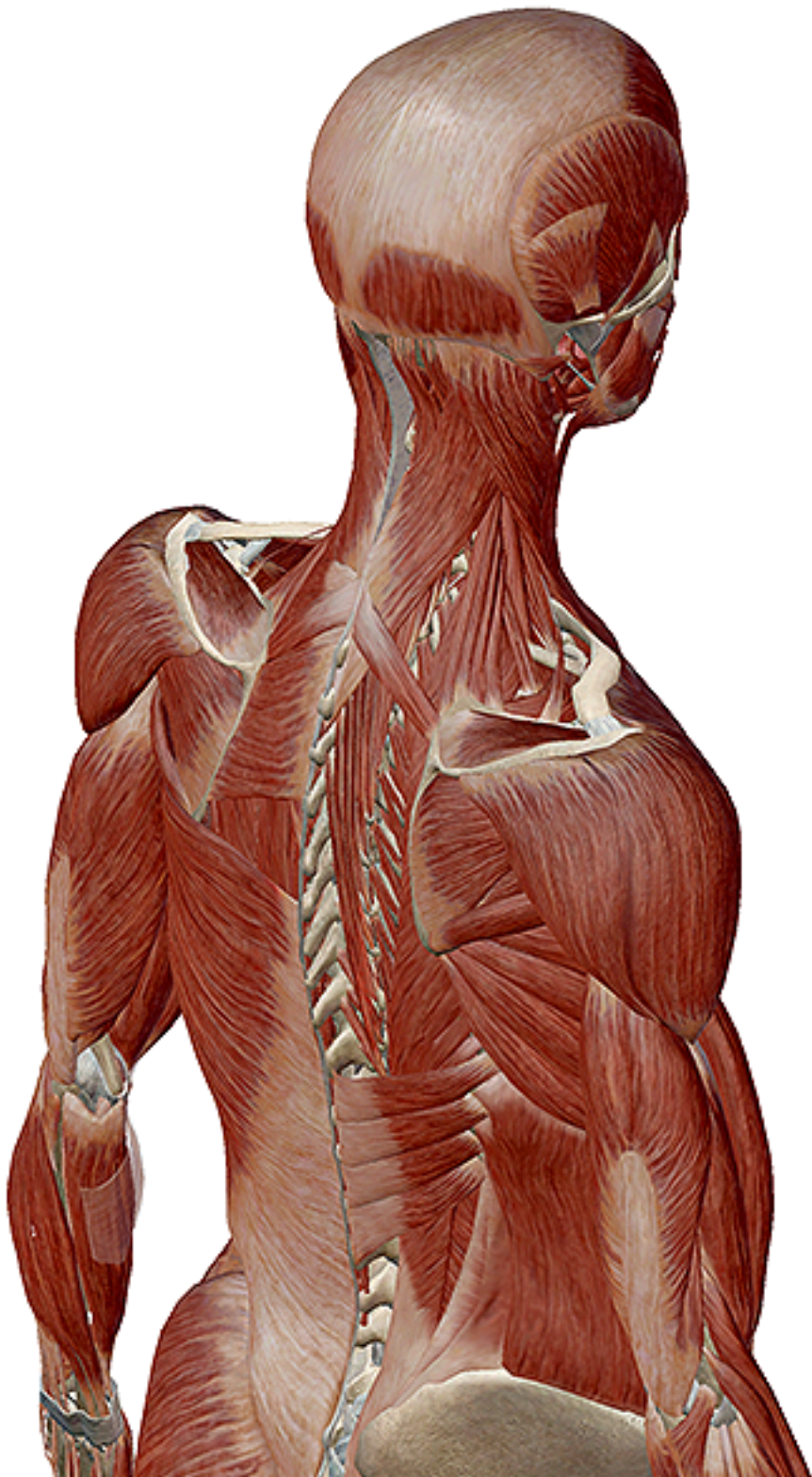


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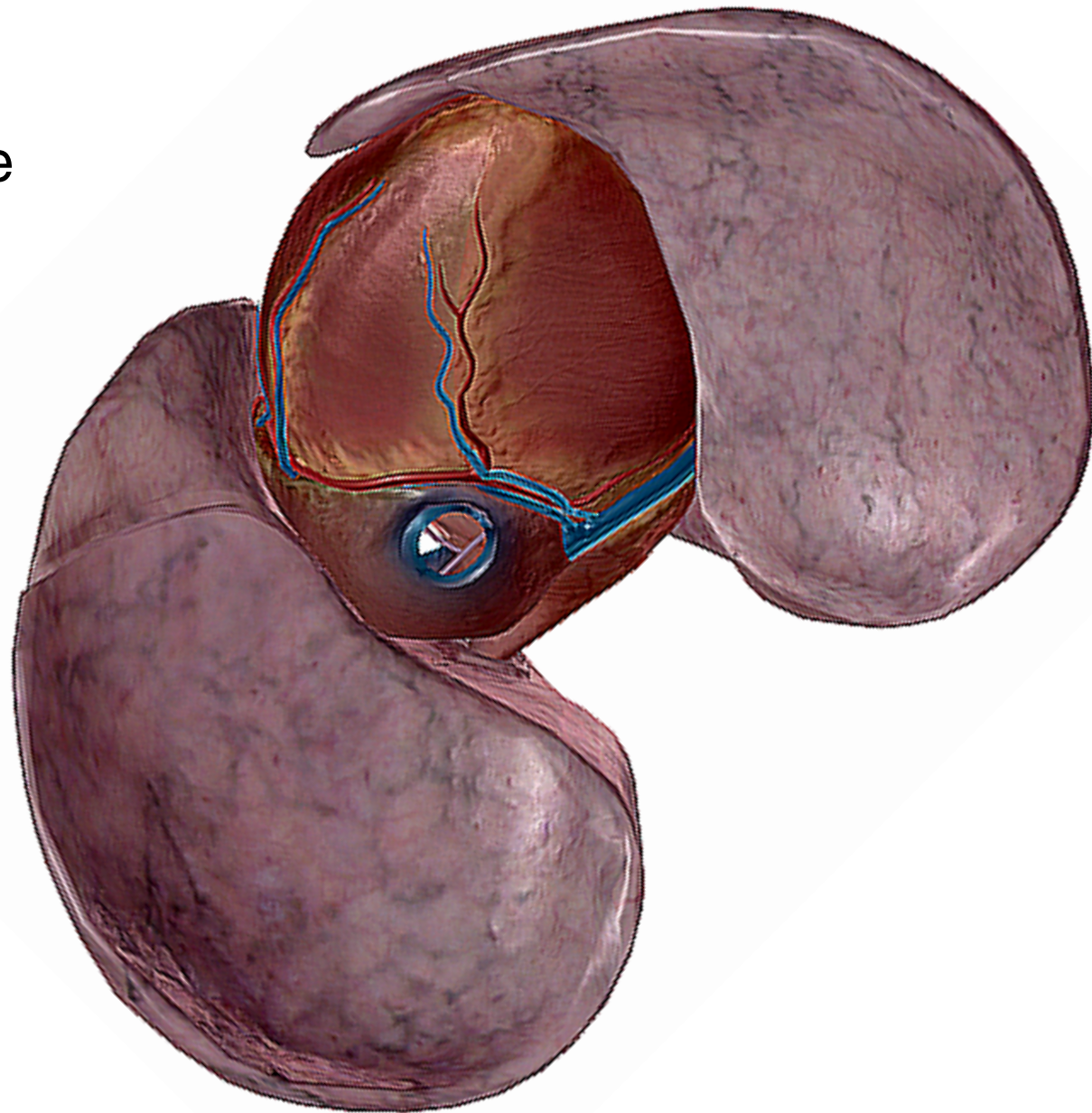
The **muscles of the spine** are an intricate network that stabilize the head, neck, spine, and thoracic cage.



# The **lungs** of the body are asymmetrical.

The left lung is more concave than the right, as the heart fits right into it.

**Factoid:** The surface area of the lungs is 70 m<sup>2</sup>. That's the size of a singles tennis court!

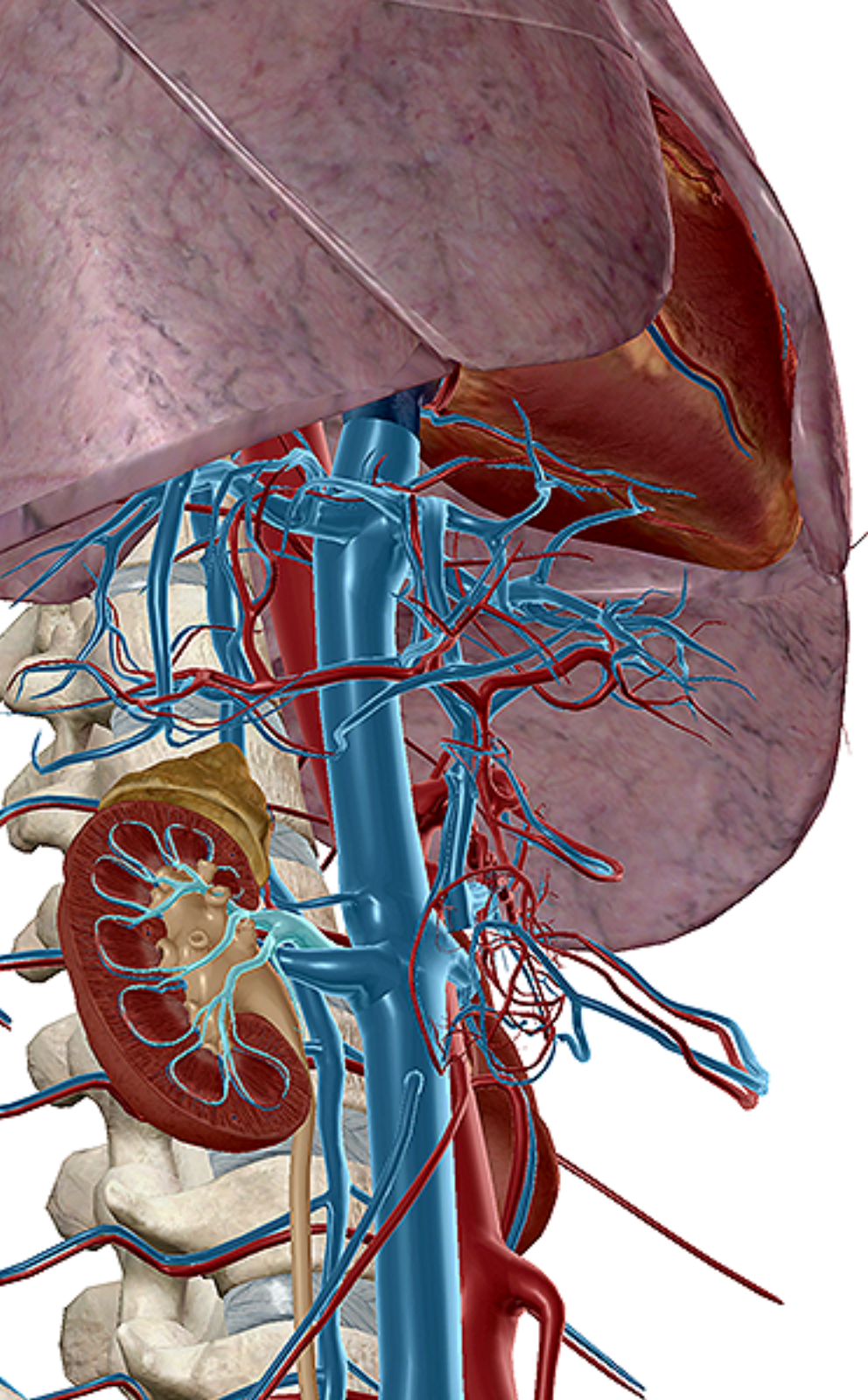


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The **renal arteries** of the circulatory system deliver blood to the kidneys. The kidneys remove waste from the blood; this waste then passes into the renal pelvis and to the ureters.

**Factoid:** Every day, **over 50 gallons (189 liters)** of blood are processed by the kidneys.

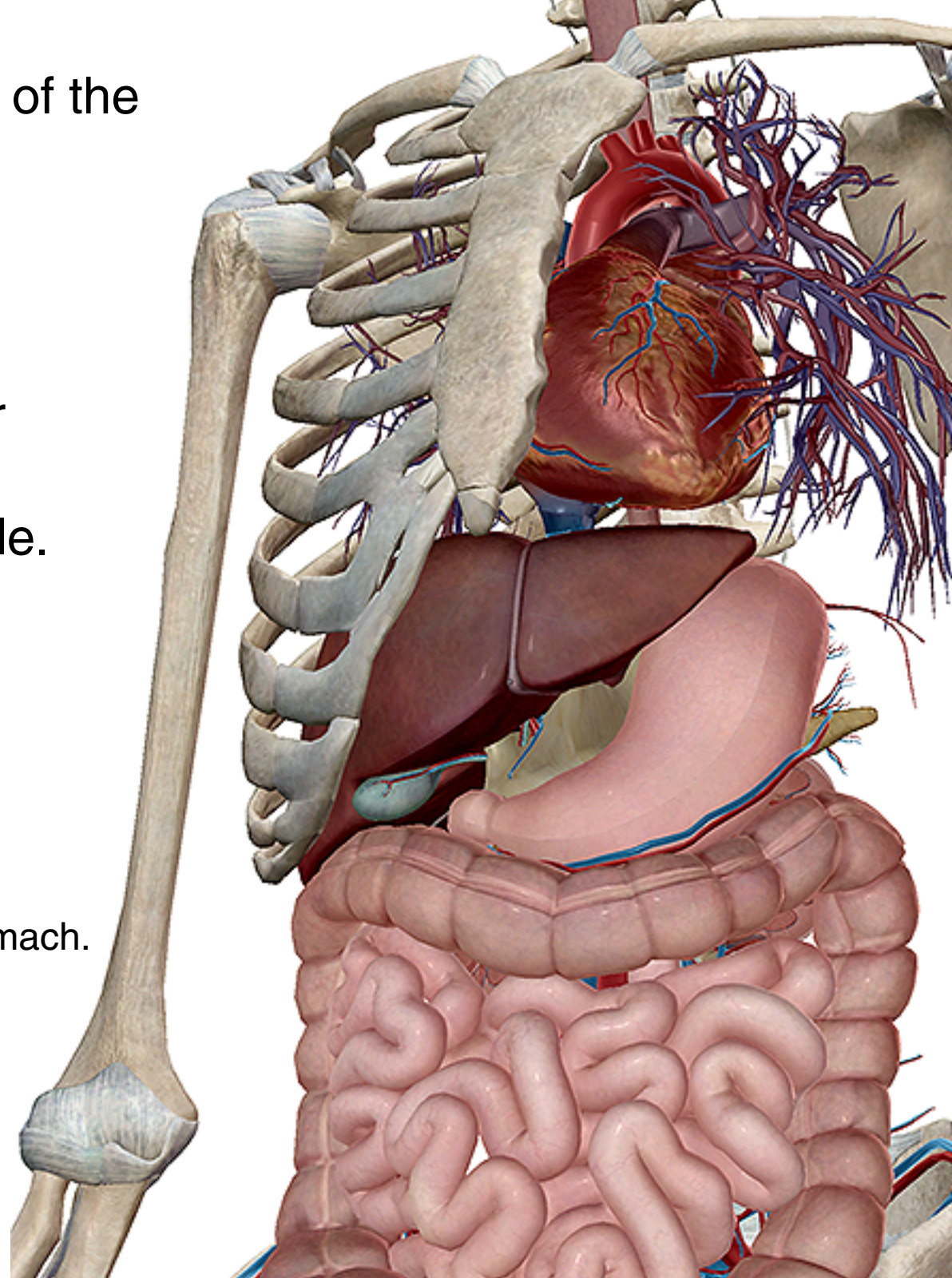


The stomach is a major organ of the **digestive system**.

The internal layer of the stomach is the **serosa**, followed by the **mucosa** (or external layer), as well as three layers of smooth muscle.

The stomach breaks down ingested food into **chyme**.

**Factoid:** It takes about eight seconds for a piece of swallowed food to reach your stomach.

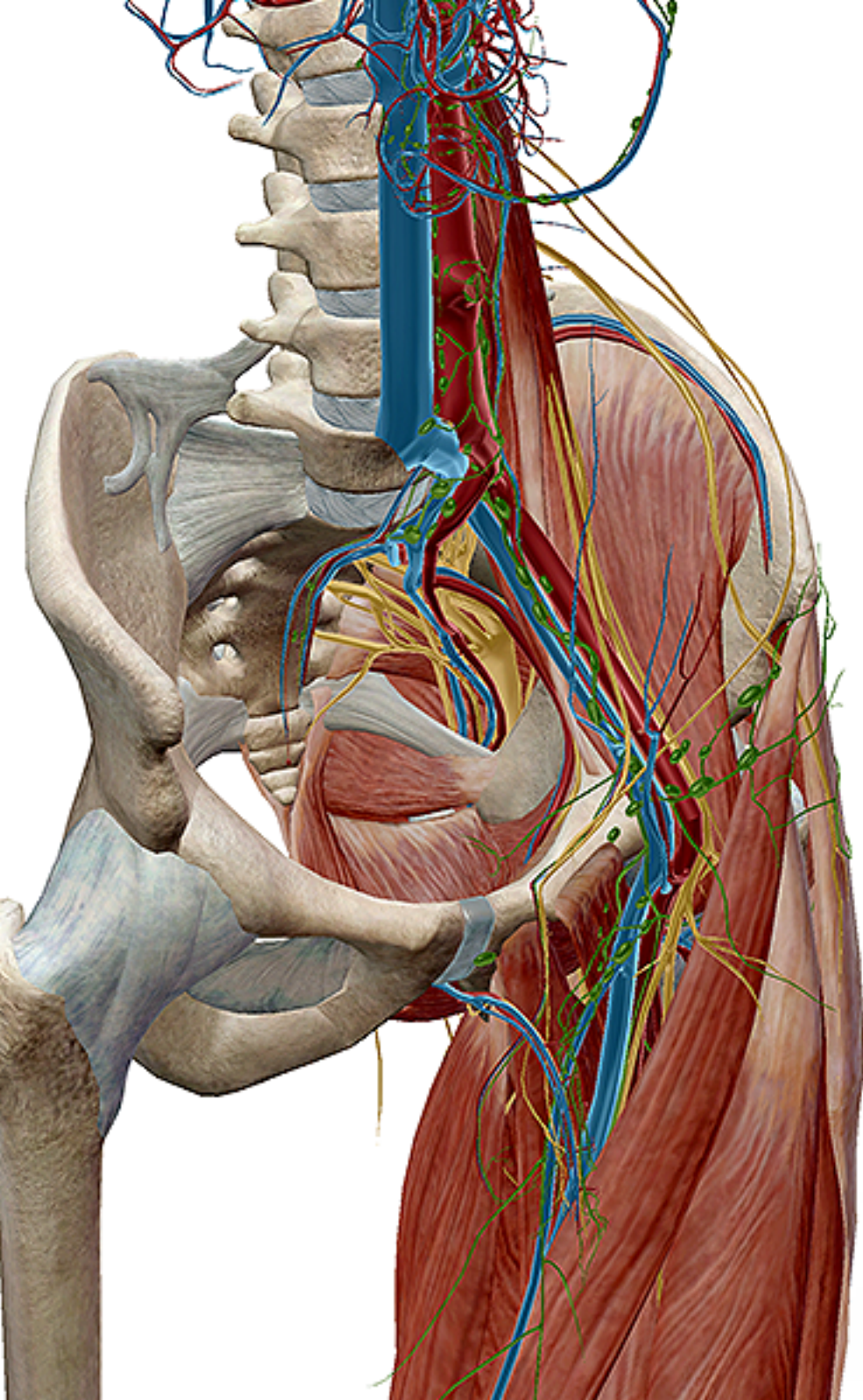


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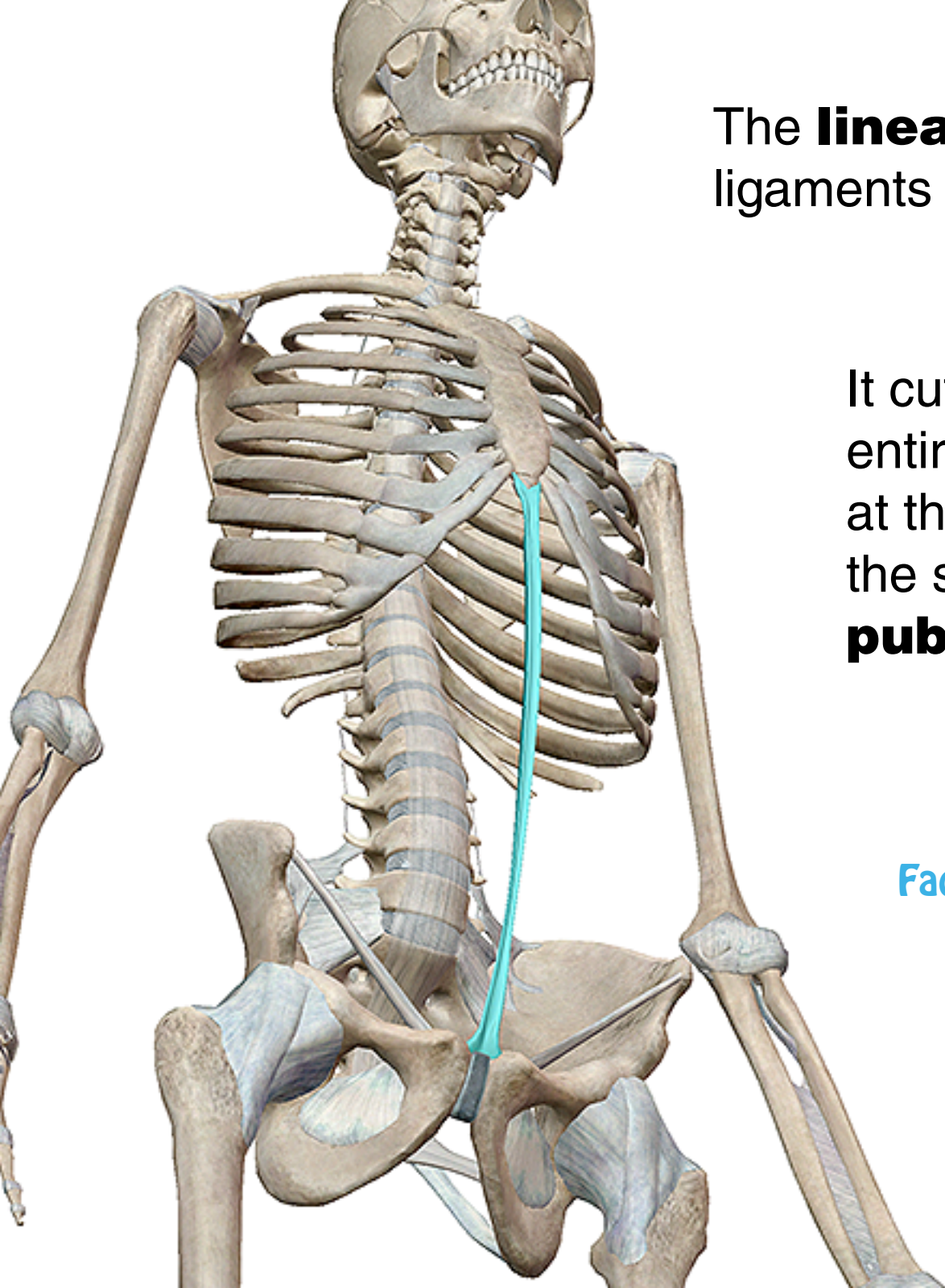




Numerous structures of the nervous, circulatory, and lymphatic systems pass through the **pelvic girdle**.

The **sciatic nerve** (yellow structure branching from the sacrum) and other nerves of the abdomen innervate the muscles of the lower limbs, the pelvis, and the abdomen.





The **linea alba** is one of the longest ligaments in the entire body.

It cuts a straight line down the entire abdomen, beginning at the **xiphoid process** of the sternum and ending at the **pubic symphysis**.

**Factoid:** Linea alba is Latin for “white line.”





# Human Anatomy Atlas

Human Anatomy Atlas is the best-selling and award-winning 3D visual guide to the human body. All the images and most of the text came from Human Anatomy Atlas for iPad/iPhone.

Content in the app includes:

- 3800+ anatomical structures shown in real 3D, accompanied by detailed definitions and pronunciations.
- Rotate, zoom in/out, pan, hide, and add structures to see the anatomy from any angle. Customize and save Views.
- Test your knowledge with dozens of quizzes.

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