

STUDENT NAME: CRISTINA-ELENA ENACHE

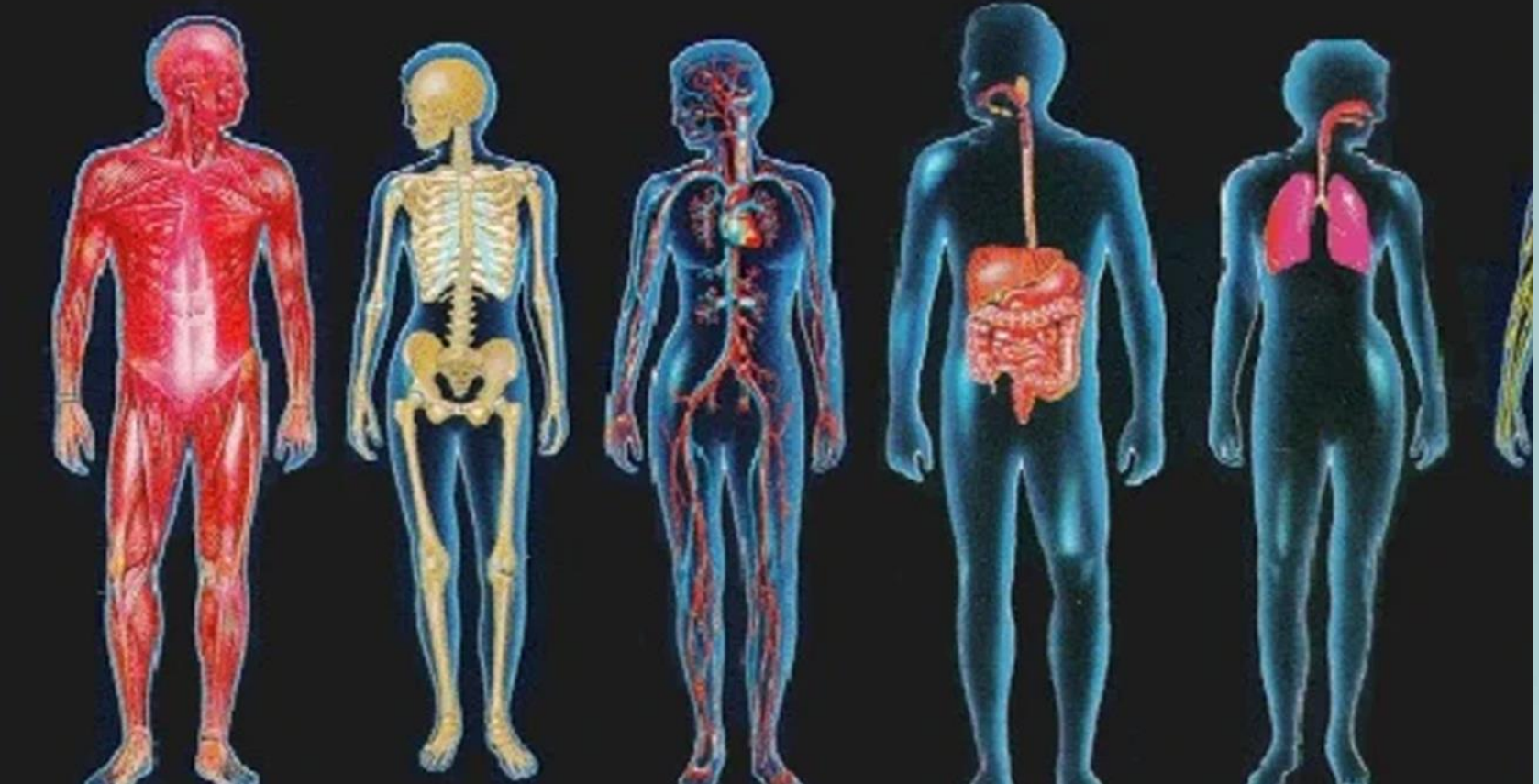
STUDENT NUMBER: 2026057

LECTURER NAME: RACHAEL RIVER

MODULE NAME: INTRODUCTION TO PHYSIOLOGY

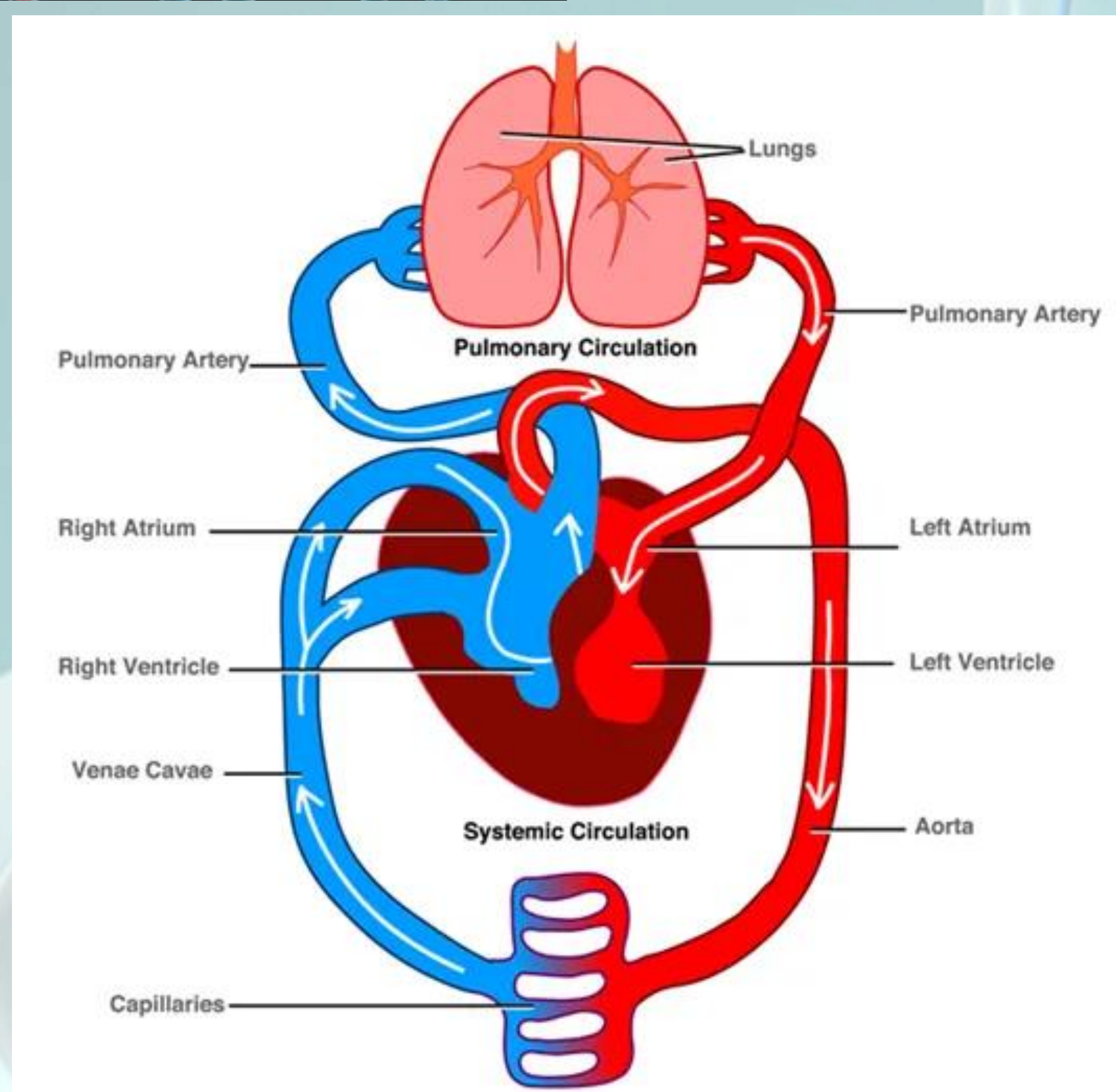
MODULE CODE: BMHP5003

Human Body System



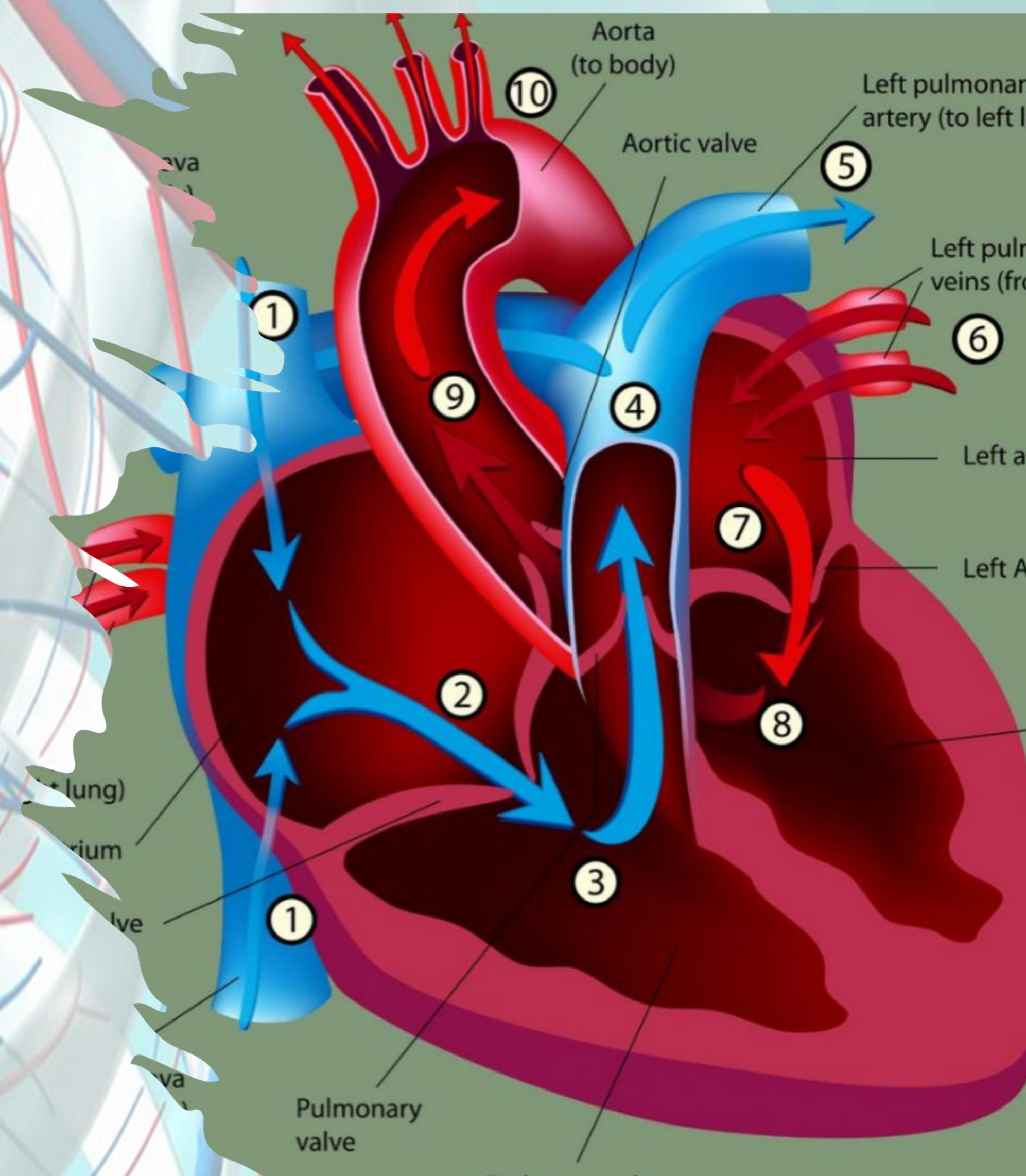
The structure and functioning of the human body

The human body is an organism, where the action of all organs and systems are closely related. The basic unit is the cell. By the time they reach maturity the human body consists of an average of three billion cells. All this formed bodies, merged into the system, each of them plays an important role in life. The systems of the human body are the cardiovascular system, the digestive system, the lymphatic system, the musculoskeletal system, the nervous system and the reproductive system.



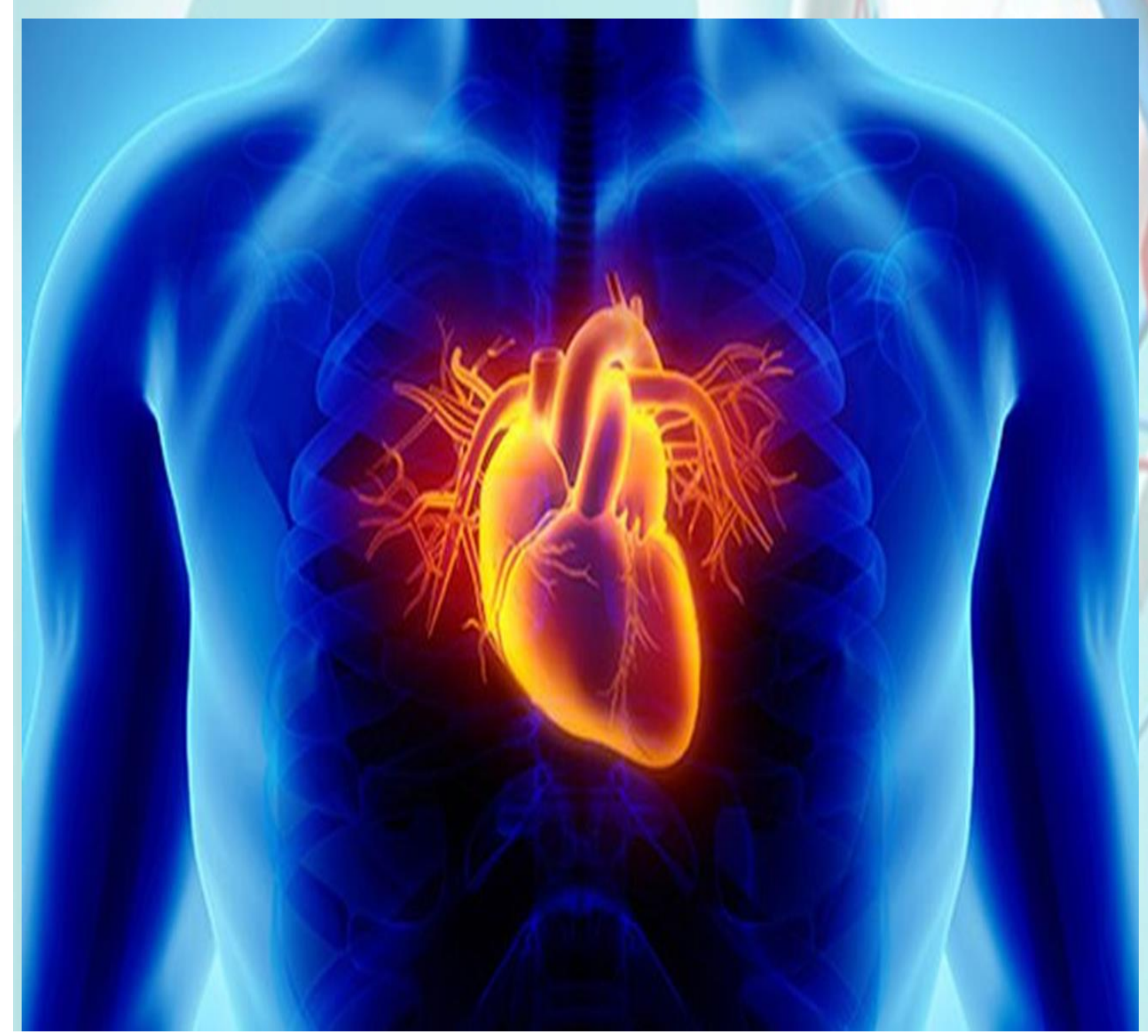
Cardiovascular System

The heart, which is the organ that propels blood through a huge network of arteries and veins that reaches the smallest and most obscure parts of the body, serves as the cardiovascular system's primary representation. To begin with, it's crucial to understand who the primary players in the heart are: the right and left ventricles, which are divided into four chambers by the mitral and tricuspid valves. At this level, the trunk of the pulmonary arteries and the aorta are situated between the ventricles and major blood vessels.



Congenital Heart Diseases

Congenital cardiovascular diseases are a category of cardiovascular diseases characterized by the development of problems during intrauterine life. They can be diagnosed during pregnancy, at birth, and others are identified only in adulthood.



Reference

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