



Welcome

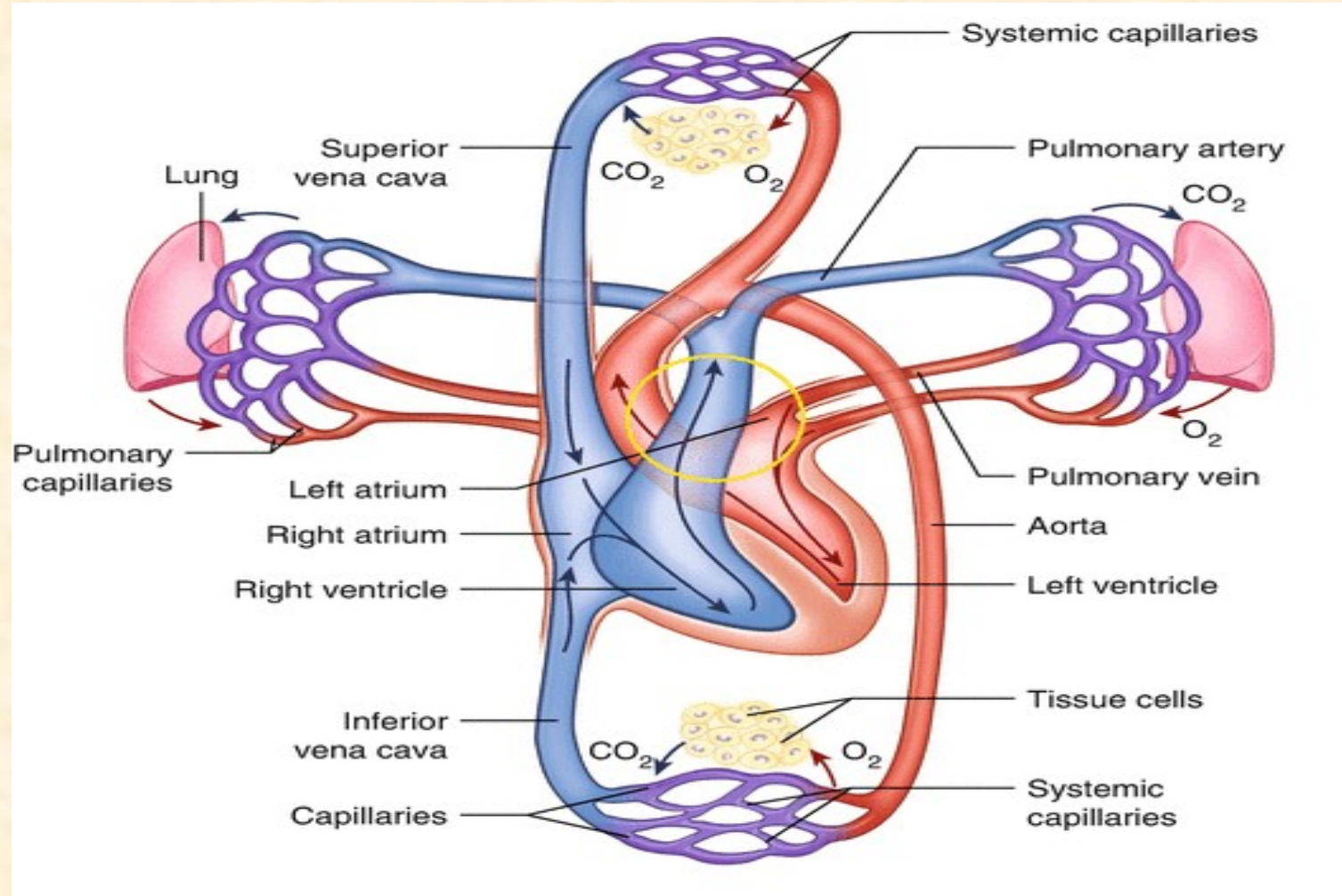
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VIEW OF CIRCULATORY SYSTEM AND FUNCTION

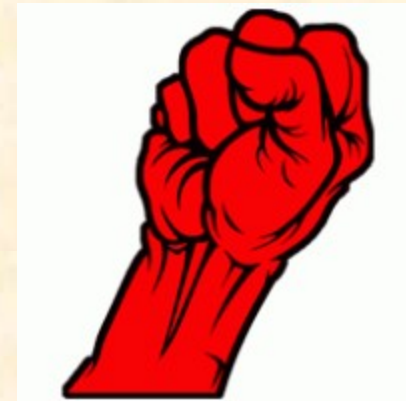


Circulatory system

- **THE HEART AND CIRCULATORY SYSTEM MAKE UP YOUR CARDIOVASCULAR SYSTEM. YOUR HEART WORKS AS A PUMP THAT PUSHES BLOOD TO THE ORGANS, TISSUES, AND CELLS OF YOUR BODY. BLOOD DELIVERS OXYGEN AND NUTRIENTS TO EVERY CELL AND REMOVES THE CARBON DIOXIDE AND WASTE PRODUCTS MADE BY THOSE CELLS.**

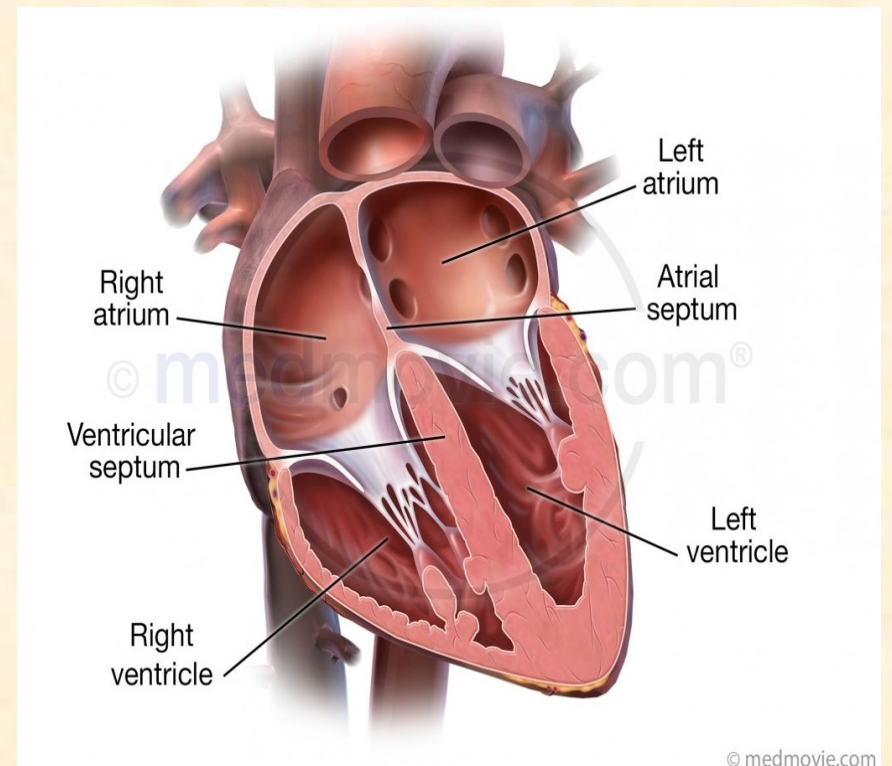
STRUCTURE OF THE HEART

- Conical structure man's closed fist with two thirds of the mass to the left of midline the heart is enclosed in pericardial sac



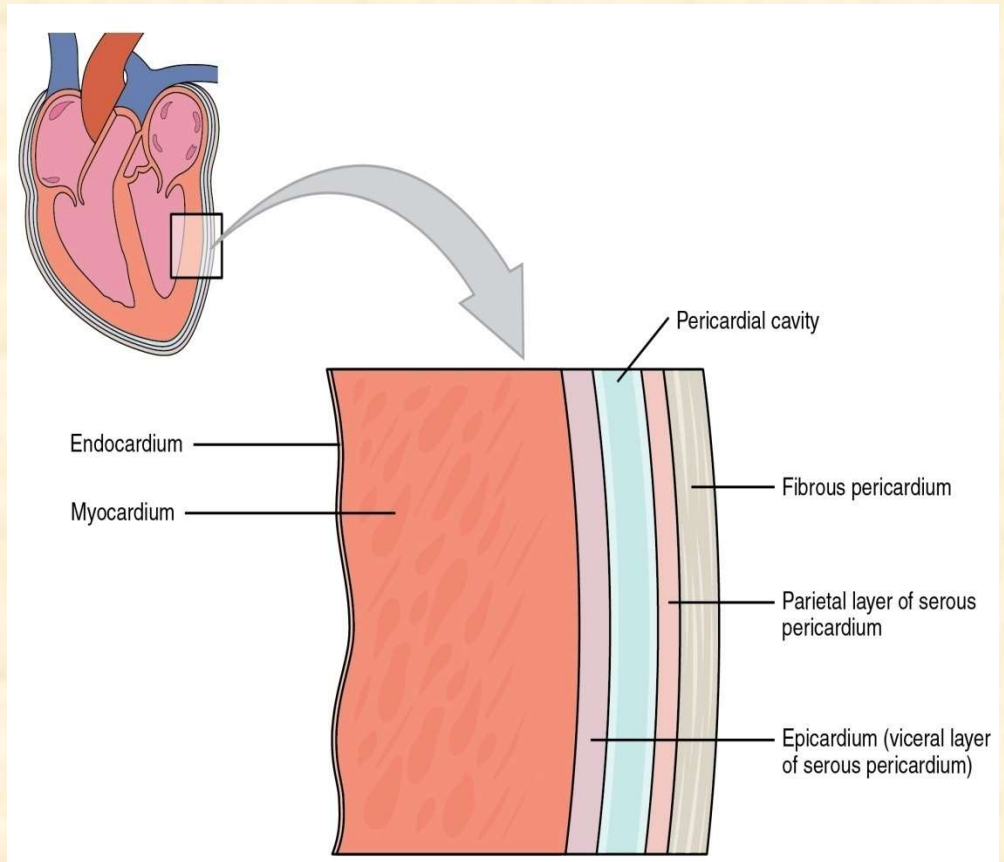
CHAMBERS OF THE HEART

- Cardiac system having four chambers
- Right side upper auricle
- Right side lower ventricle
- Left side upper auricle
- Left side lower ventricle



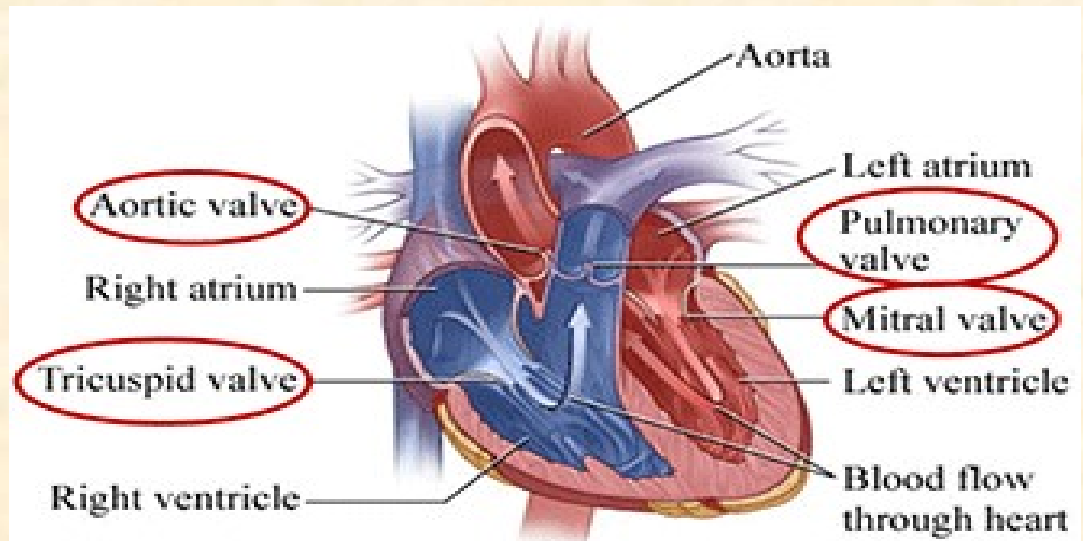
Layers of the heart

- The wall of the heart is made up of three layers:
- Epicardium,
- Myocardium,
- Endocardium.



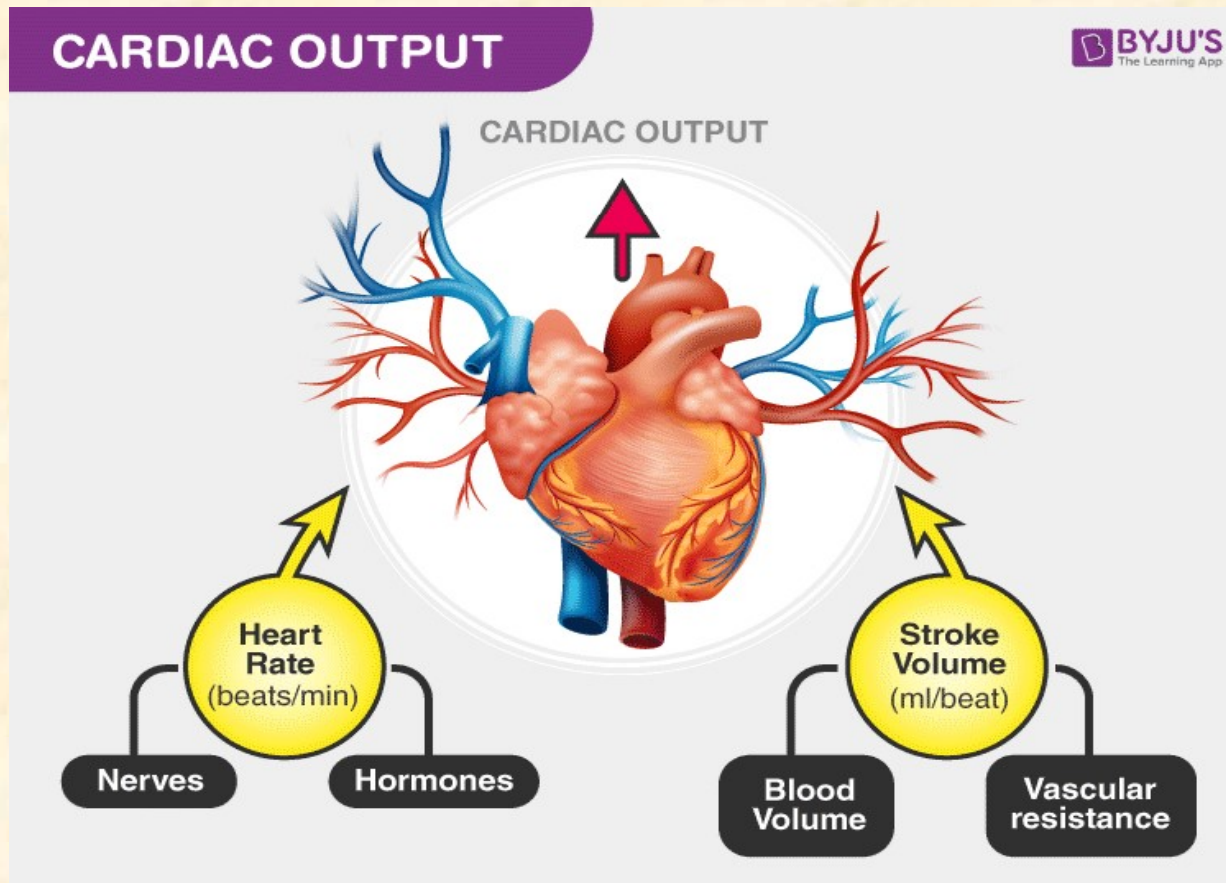
Valves of the heart

- A heart valve opens or closes incumbent on differential blood pressure on each side. The four main valves in the heart are: The two atrioventricular (AV) valves, the mitral valve (bicuspid valve), and the tricuspid valve, which are between the upper chambers (atria) and the lower chambers (ventricles).



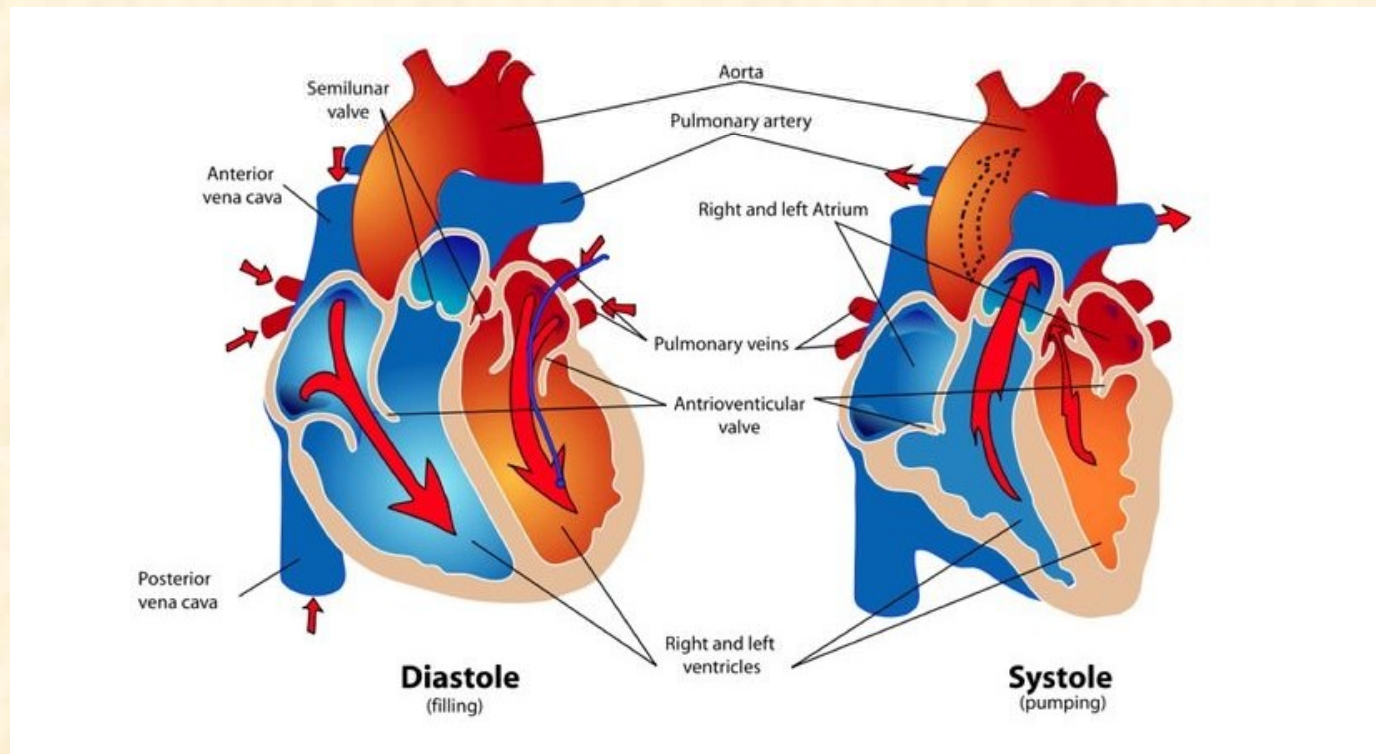
Cardiac output

- Amount of blood bumping out from the heart per min



Stroke volume

- Amount of blood pumping out from the heart per stroke



Heart rate

- NUMBER OF BEATS PER MINUTE



