

April 9th, 2019

- Chapter 22 Circulation
 - The heart
 - Valves and Heartbeat

Warm - up

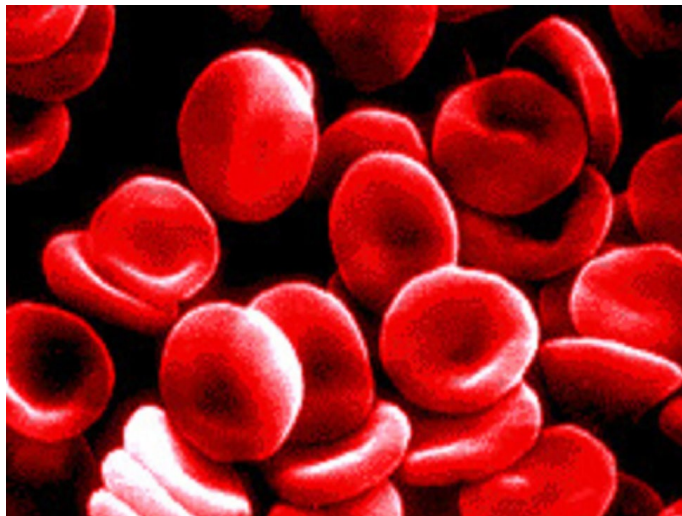
The average amount of blood in one person is litres

Chapter 22

Circulatory System

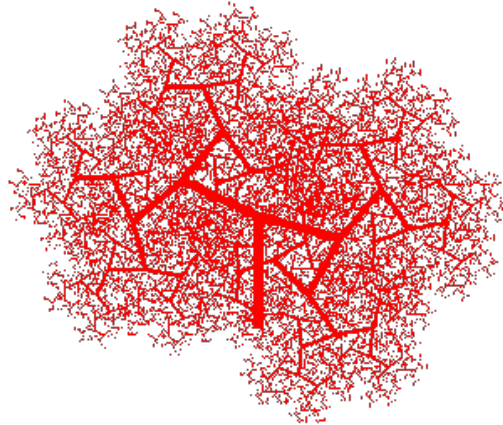
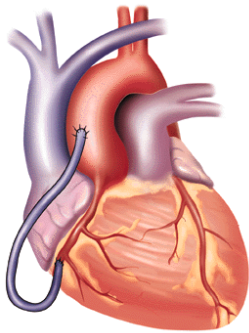
the transport system moving blood through your body

blood contains food, oxygen, and waste products



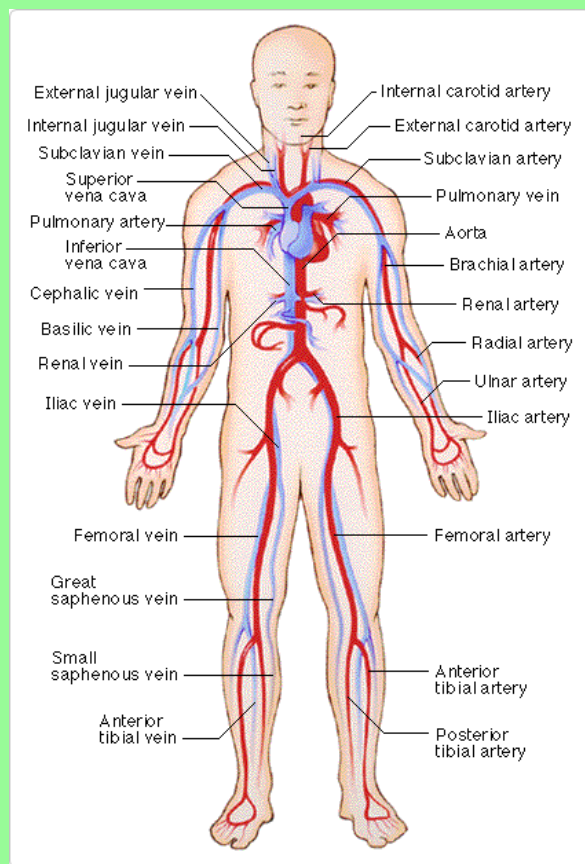
Circulation

The circulatory system is made up of the heart,
blood vessels, and blood.



**Human
Circulatory
System**

a closed system
because the blood
can never leave the
blood vessels



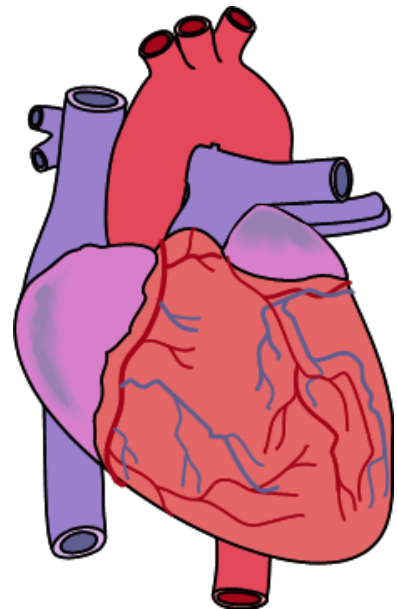
The Heart

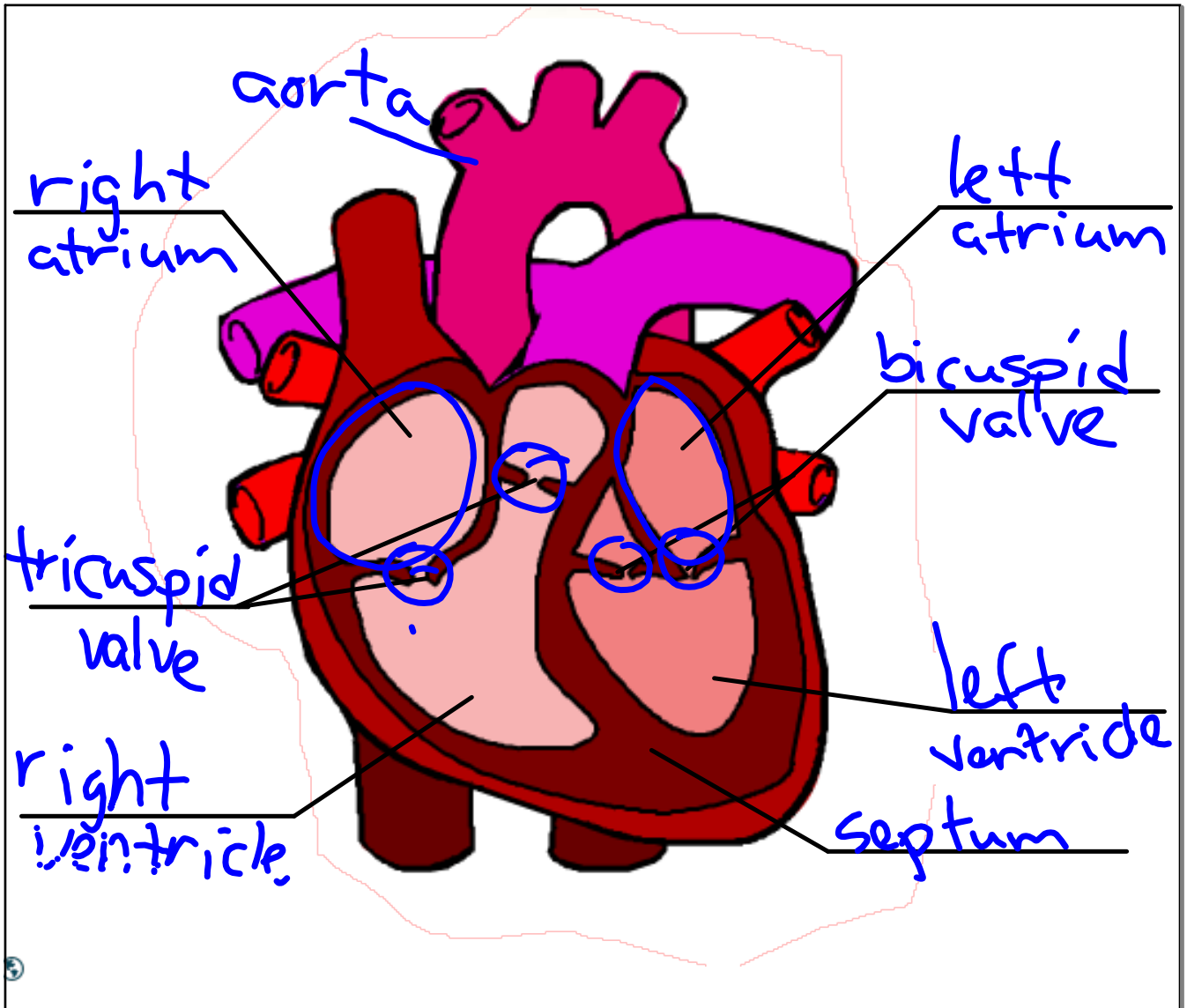
Job = to pump the blood throughout your body

It is a double pump that has two sides

Left: pumps blood to other parts of the body

Right: pumps blood to your lungs





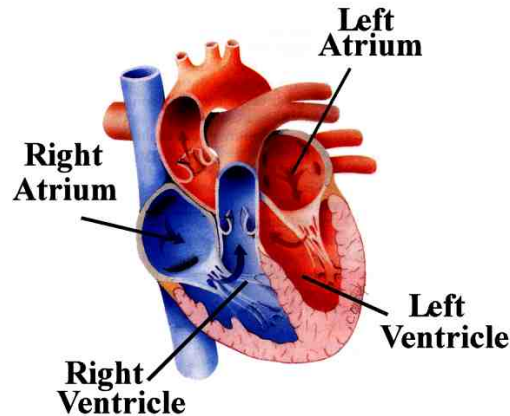
Functions

Atria (left and right)

- receive blood returning to the heart from the body and lungs and pump it into the ventricles.

Ventricle (left and right)

- ship/pump blood out of the heart to the lungs and the rest of the body.



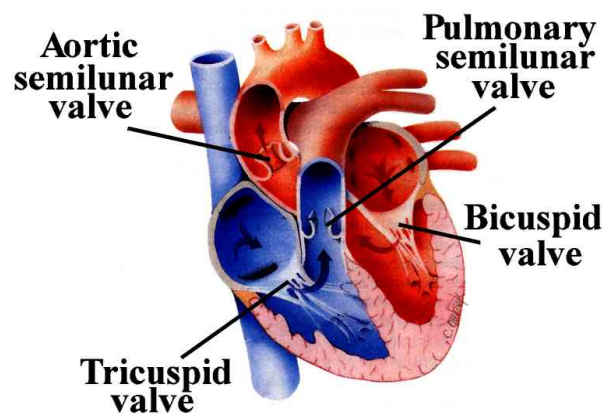
Valves:

- prevent blood from flowing backwards
- make sure the blood only flows in one direction

tricuspid = separates the right atrium and the right ventricle

bicuspid = separates the left atrium and the left ventricle

semi lunar = found between the ventricles and blood vessels



Attachments

Biology 113 blood vessel assignment.doc