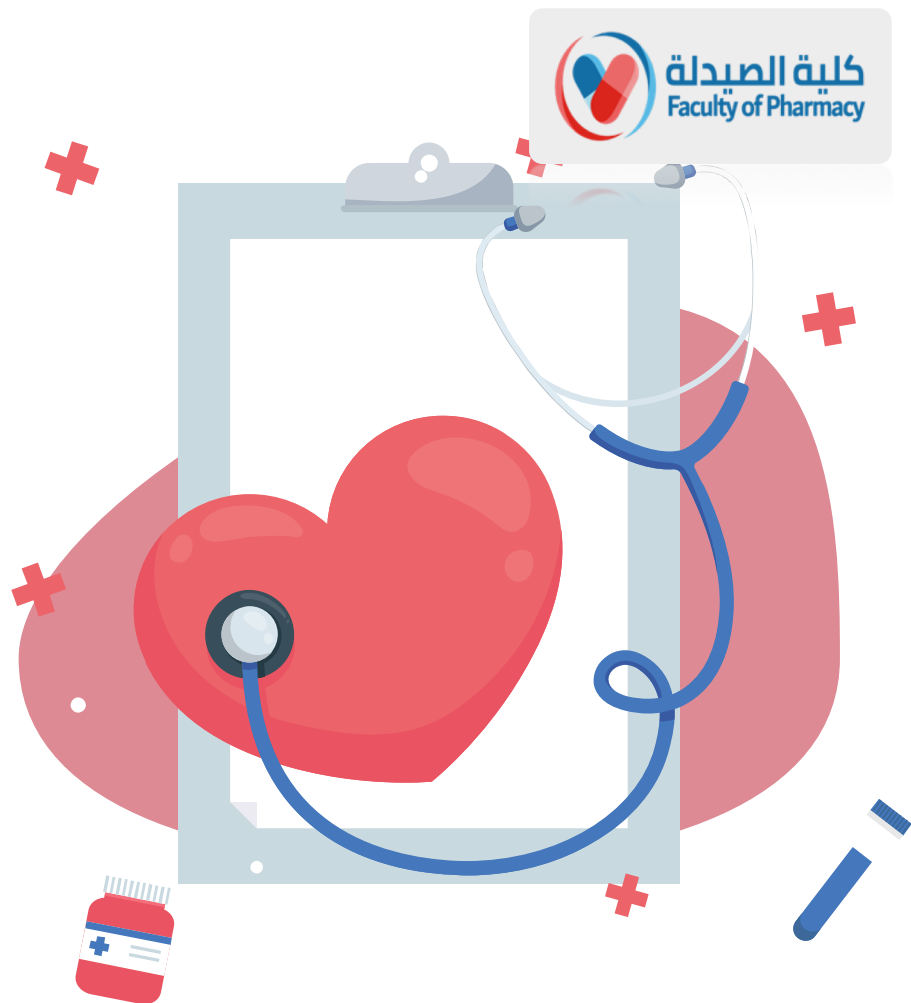




Blood Circulation

Najat Sami 2361







ILOS:

- Mention the types of circulations.
- Describe the mechanism of systemic circulation.
- Describe mechanism of pulmonary circulation.
- List factors affect the circulations.



Introduction



The blood circulatory system  (cardiovascular system) delivers nutrients and oxygen to all cells in the body. It consists of the heart and the blood vessels running  through the entire body.



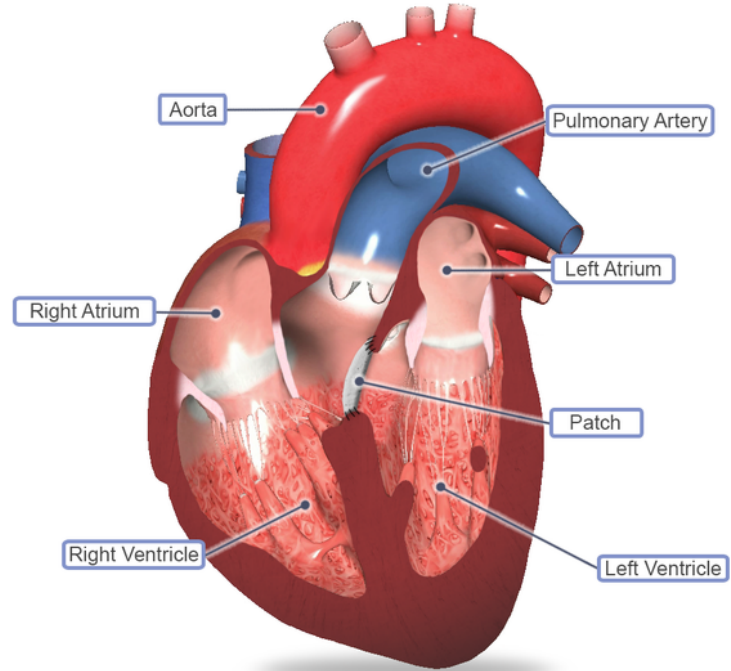
Types of circulations

Pulmonary circulation:

- Right atrium.
- Right ventricle.

Systemic circulation:

- Left atrium.
- Left ventricle.

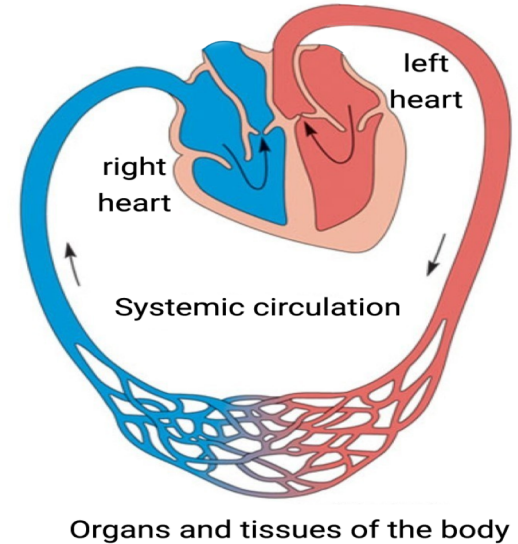


Mechanism of systemic circulation

Systemic= Oxygenated Blood.

Left ventricle pumps oxygen-rich blood into aorta.

The blood travels from the main artery to smaller arteries and into the capillary network in the tissue of the body.

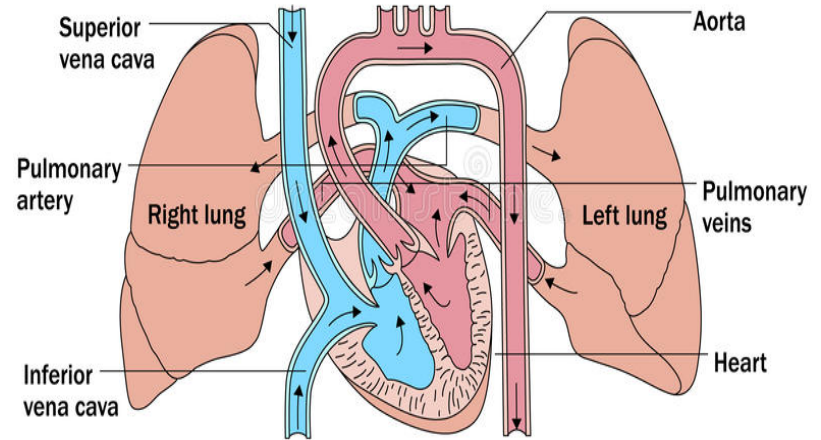


Mechanism of pulmonary circulation

Pulmonary= Deoxygenated
Blood

The right ventricle pumps low-oxygen blood into the pulmonary artery, which branches off into smaller and smaller arteries and capillaries.

Pulmonary circulation



Factors affect the circulation

- Blood pressure
- Blood volume
- Resistance
- Disease
- Exercise.



References

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THANKS!

