

CVS Flashcards PDF

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What is the primary function of the CVS (Cardiovascular System)?

The primary function of the CVS is to transport blood, nutrients, oxygen, carbon dioxide, and hormones throughout the body.

What are the main components of the CVS?

The main components of the CVS include the heart, blood vessels (arteries, veins, and capillaries), and blood.

What is the role of the heart in the CVS?

The heart acts as a pump to circulate blood throughout the body.

What are the two main circuits of the cardiovascular system?

The two main circuits are the pulmonary circuit and the systemic circuit.

What is the function of the pulmonary circuit?

The pulmonary circuit carries deoxygenated blood from the heart to the lungs and returns oxygenated blood back to the heart.

What is the function of the systemic circuit?

The systemic circuit carries oxygenated blood from the heart to the rest of the body and returns deoxygenated blood back to the heart.

What are arteries and their function?

Arteries are blood vessels that carry oxygenated blood away from the heart to the tissues of the body.

What are veins and their function?

Veins are blood vessels that carry deoxygenated blood back to the heart.

What are capillaries and their function?

Capillaries are small blood vessels where the exchange of gases, nutrients, and waste occurs between blood and tissues.

What is blood pressure?

Blood pressure is the force exerted by circulating blood on the walls of blood vessels.

What factors can affect blood pressure?

Factors that can affect blood pressure include heart rate, blood volume, resistance of blood vessels, and overall health.