

**What is the main artery that supplies oxygenated blood to the heart muscle**

- A. Pulmonary artery
- B. Coronary artery
- C. Aorta
- D. Carotid artery

**What are the two main branches of the coronary arteries**

- A. Left and right arteries
- B. Main and secondary arteries
- C. Left and lateral arteries
- D. Left main coronary artery and right coronary artery

**What is the purpose of the coronary circulation system**

- A. To aid in digestion
- B. To regulate blood pressure
- C. To supply oxygen and nutrients to the heart muscle
- D. To maintain body temperature

**What is the term for the network of blood vessels that supply the heart muscle with oxygen**

- A. Heart network
- B. Cardiac vessels
- C. Blood highway
- D. Coronary circulation

**What is the name of the main vein that collects deoxygenated blood from the heart muscle**

- A. Aorta

- B. Coronary sinus
- C. Pulmonary vein
- D. Carotid artery

**What is the name of the condition that occurs when the coronary arteries become narrow?**

- A. High blood pressure
- B. Pneumonia
- C. Heart attack
- D. Coronary artery disease

**What is the name of the procedure used to open blocked coronary arteries?**

- A. Angioplasty
- B. Heart surgery
- C. Stent placement
- D. Bypass surgery

**What is the role of the coronary sinus in coronary circulation?**

- A. The coronary sinus regulates blood pressure in the heart.
- B. The coronary sinus supplies oxygenated blood to the heart muscle.
- C. The coronary sinus transports blood to the left ventricle.
- D. The coronary sinus returns deoxygenated blood from the heart muscle to the right atrium.

**What is the name of the artery that runs along the surface of the heart and supplies it with oxygenated blood?**

- A. Carotid artery
- B. Pulmonary artery
- C. Aorta
- D. Coronary artery

### **What is the function of collateral circulation in the coronary arteries**

- A. To remove waste products from the heart
- B. To deliver oxygen to the muscles
- C. To provide an alternative route for blood flow in case of a blockage
- D. To regulate blood pressure in the heart

### **What is the name of the main artery that branches off the aorta and supplies blood to**

- A. Aortic artery
- B. Left coronary artery
- C. Right coronary artery
- D. Pulmonary artery

### **What is the term for the small blood vessels that connect the smallest arteries to the**

- A. Arterioles
- B. Veins
- C. Venules
- D. Capillaries

### **What is the purpose of the coronary arteries**

- A. To supply oxygen-rich blood to the heart muscle
- B. To transport waste products away from the heart
- C. To aid in digestion
- D. To regulate blood pressure in the body

### **What is the name of the condition characterized by a buildup of fatty deposits in the**

- A. Heart attack

- B. Hypertension
- C. Coronary artery disease
- D. High cholesterol

**What is the name of the artery that runs along the surface of the heart and supplies it?**

- A. Aorta
- B. Right coronary artery
- C. Left coronary artery
- D. Pulmonary artery

**What is the term for the blood vessels that supply the heart muscle with oxygen and nutrients?**

- A. Cardiac veins
- B. Pulmonary arteries
- C. Coronary arteries
- D. Heart vessels

**What is the name of the condition in which the coronary arteries spasm and constrict?**

- A. Prinzmetal angina
- B. Hypertension
- C. Heart attack
- D. Atherosclerosis

**What is the role of the coronary arteries in maintaining a healthy heart?**

- A. Aid in digestion
- B. Supply oxygen-rich blood to the heart
- C. Produce red blood cells
- D. Regulate blood pressure

**What is the name of the artery that branches off the aorta and supplies blood to the heart?**

- A. Aorta artery
- B. Pulmonary artery
- C. Left coronary artery
- D. Right coronary artery

**What is the name of the condition in which the coronary arteries become inflamed and narrowed?**

- A. High blood pressure
- B. Atherosclerosis
- C. Heart attack
- D. Coronary artery disease

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