

HS20-HB1

Analyze the anatomy and physiology of a healthy human.

Indicators for this outcome

- (b) Describe the anatomy (structure) and physiology (function) of at least five human body systems (i.e., cardiovascular, endocrine, lymphatic, digestive, urinary, muscular, nervous, respiratory, reproductive, integumentary and skeletal).

Use the following document to conduct a supplementary investigation of the Human Circulatory System.

Blood Types:

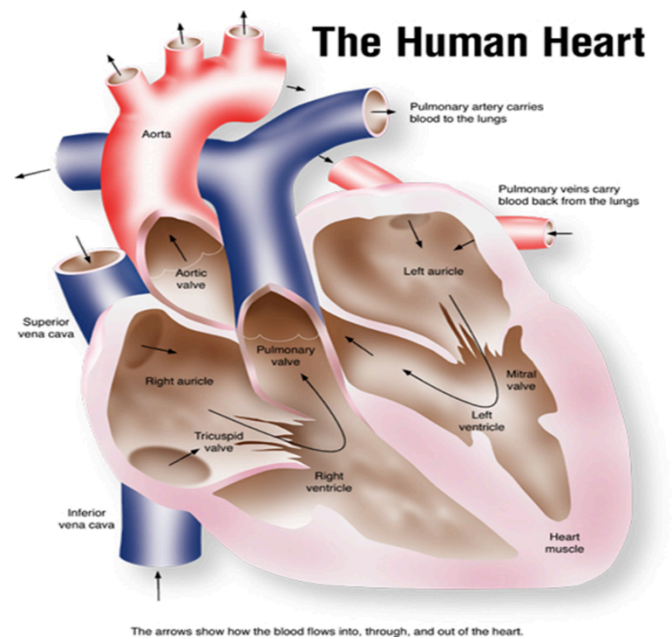
Describe the concept of “blood types.” List the eight blood types and explain how the blood types are organized from a combination of two systems.

Explain the concept of universal donors and recipients.

Which blood types are considered universal donors?

Which blood types are considered universal recipients?

Using the accompanying diagram and the internet as a guide, describe the blood flow through the heart.



Blood Disorders:

Research the following Blood Disorders. Provide information regarding the causes, symptoms and treatment of each.

- Anemia
- Sickle Cell Anemia
- Atherosclerosis
- Gangrene