

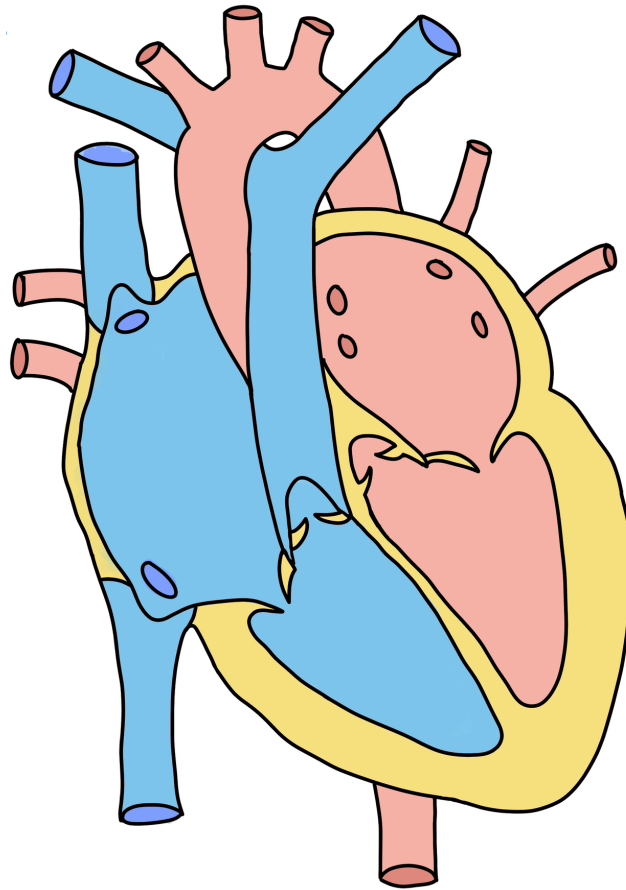
function of the heart

The heart's function is to pump blood throughout the body. It does it by using a double-pump system. Each pump deals with blood, but one deals with oxygenated blood, while the other deals with deoxygenated blood.

right side

systemic circulation

- deoxygenated blood
- one half of the double-pump system
- is on the right side of the body



left side

pulmonary circulation

- oxygenated blood
- one half of the double-pump system
- is on the left side of the body

remember that diagrams may seem flipped directionally, as they are labelled using the outside point of reference, just like it would face you for inspection

By using a double-pump system, the heart is able to perform its function of circulating blood throughout the body. Both deoxygenated & oxygenated blood have their own system to allow the heart to process & use it.