

Stroke = blockage in brain

Caused by: ... drinking too much / poor diet / smoking / stress / obesity / HBP / no exercise

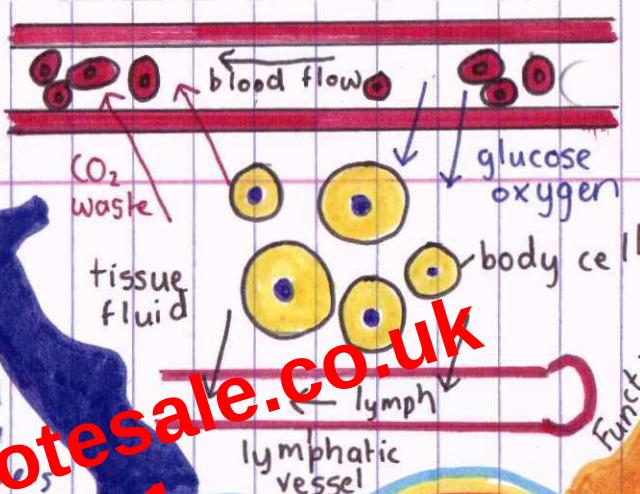
Heart disease = caused by cholesterol build up in artery wall. Eventually artery becomes so narrow prevents blood flow = no respiration = HEART ATTACK

* Double circulation = blood travels through the heart twice in 1 circulation

Left side has more muscle as it has to pump blood all the way around the body

When blood reaches the capillaries the plasma passes through thin walls +

bathes the body cells. Tissue fluid surrounds body cells + plasma becomes part of this. Some fluid is mopped up by lymphatic vessels

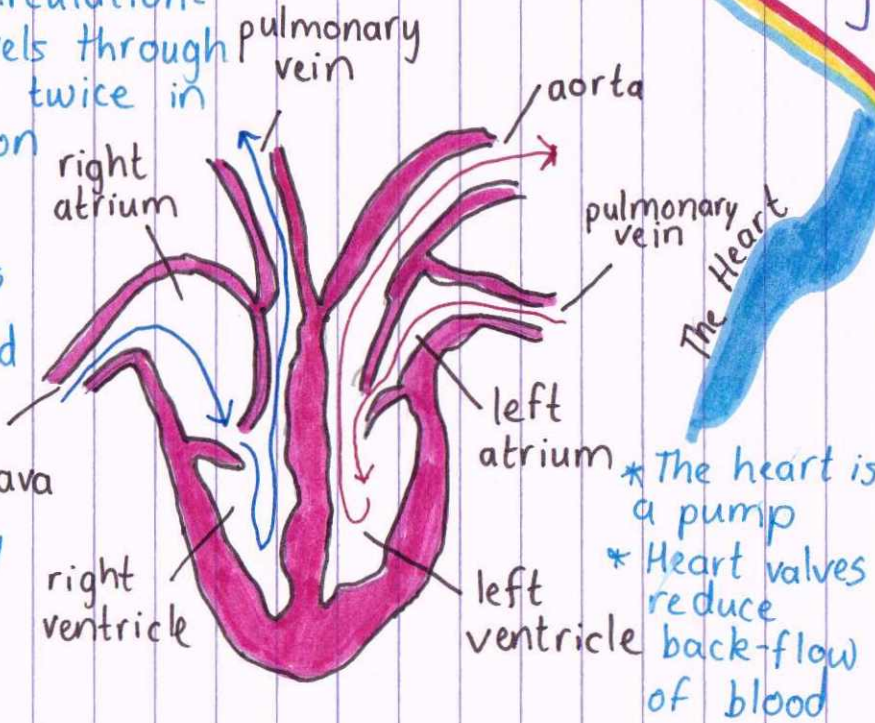


1) Transport = blood cells food (glucose/amino acids, carbon dioxide, urea)

2) Protection = against disease

3) Temperature = regulates/controls body temperature

Preview from Notesale.co.uk
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* The heart is a pump
* Heart valves reduce back-flow of blood

- 1) Arteries = carry oxygenated blood away from the heart
- 2) Vein = carry deoxygenated blood back to the heart
- 3) Capillary = link arteries + veins

* RBC = function is to carry O_2 around the body. It is the haemoglobin that enables this. The bioncave shape gives a large SA. No nucleus = more haemoglobin carried.

* WBC = 1) Lymphocytes = produce antibodies 2) Phagocytes = engulf + digest microorganisms

* Platelets = important in blood clotting + formation of scabs

* Plasma = liquid important in transport