

Veins —

- * carries deoxygenated blood (CO₂)
- * returns blood back to the heart
- * exception - pulmonary veins (oxygenated blood + brought to the left atrium i.e heart)
- * thinner-walled
- * travels back to heart low speed + pressure
- * blood is further from the heart
- * blood is squeezed through veins (muscles contract when we move)
- * doesn't flow backwards (veins have valves i.e one way valves allow blood to flow to heart)
- * venules = smaller veins

Capillaries —

- * smallest blood vessel
- * link between arteries + veins
- * very thin walls
- * allows exchange of gases, nutrients, waste by diffusion
- * all over body

23. What is the blood vessel carries oxygenated blood? Does it move away or toward the heart?

Arteries = away

24. What is the blood vessel that carries deoxygenated blood? Does it move away or toward the heart?

Veins = toward

25. What is the largest artery in the body?

Aorta

26. Know how to label all parts of the heart (exception is the valves within the heart)

