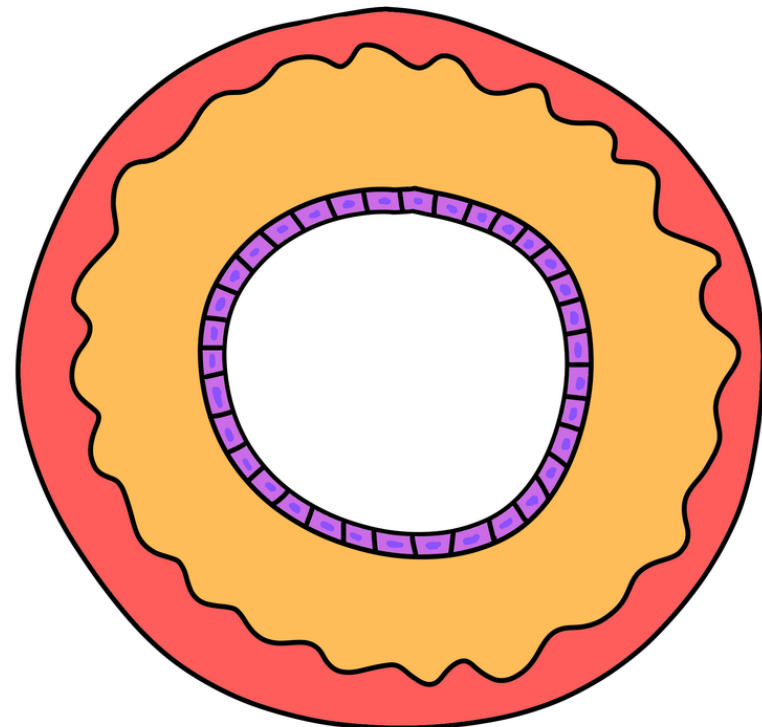


# in brief: arteries, capillaries & veins

In the circulatory system, three major vessels help support it. They are the arteries, capillaries & veins. Each vessel is responsible for different circulation systems within. Let's see the brief differences between all three:

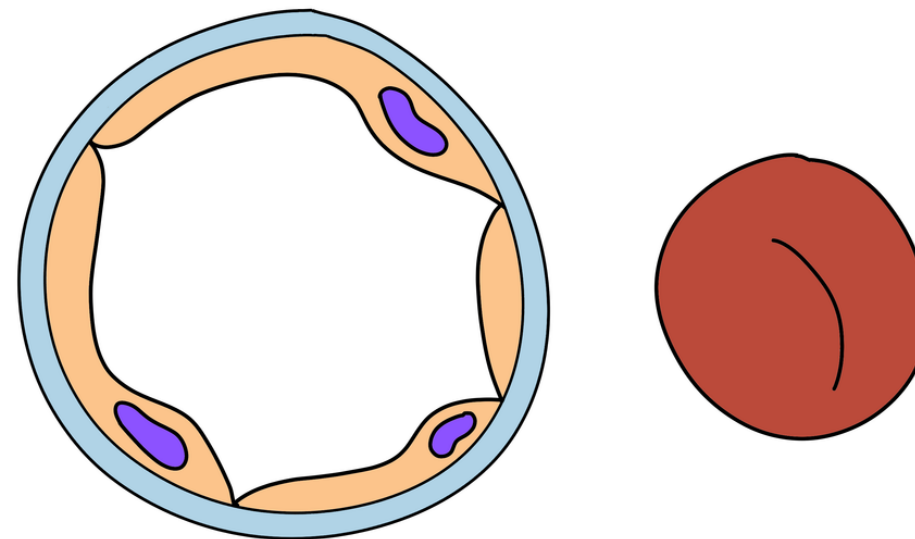
## *arteries*

- Delivers oxygenated blood
- From the heart → body
- Carries blood at high pressure
- Uses specialized feature of elastic fibres



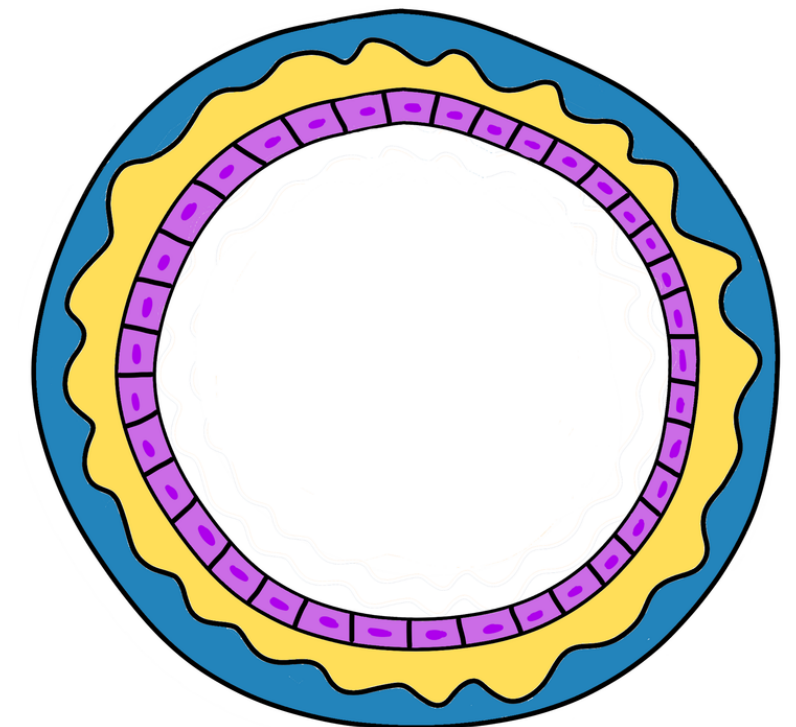
## *capillaries*

- Delivers both oxygenated & deoxygenated blood
- From the heart → body → heart
- Carries blood at slow & low pressure
- Uses specialized feature of three specialized versions of capillaries



## *veins*

- Delivers deoxygenated blood
- From the body → heart
- Carries blood at low pressure
- Uses specialized feature of one-way valves



\*diagrams not to scale nor in proportion to one another\*

created by emi matsumae,  
for the daily dosage

