

ESSAY (FILL IN THE BLANKS): TRANSPORT IN HUMAN

1. List the structural features of an artery which distinguish it from a vein

	artery	vein
valves		
size of wall		
layer pf elastic and muscle tissue		
Oxygen content		
Colour		
Location		

2. Explain the development of coronary heart disease

Coronary	occlusion
atheroma	cholesterol
atherosclerosis	glucose
respiration	cardiac

_____ artery supply oxygen and _____ for the muscle to be used for _____. Lipids, such as fats and _____, began to deposit on the walls of the coronary arteries making them narrower. This condition is called _____. Calcium salts began to deposit on top of lipids and a fibrous net was formed, called _____. Atheroma caused a blood clot (thrombus) and the atheroma would grow in size and the artery would be blocked. This condition is called coronary _____.

3. Factors that causes coronary heart disease

- _____
- _____
- _____
- _____
- _____
- _____