

Name _____

The Amazing Circulatory System: Your Body's Lifeline

Open-Ended Response Answer Key

1. Answers may vary, but narrowed arteries due to plaque buildup can lead to reduced blood flow, potentially causing conditions like coronary artery disease or hypertension. This can increase the risk of heart attacks and stroke. To address it, lifestyle changes like a healthy diet, exercise, and medications may be recommended. In severe cases, medical procedures such as angioplasty or stent placement may be necessary.
2. An interesting fact is that the circulatory system is so vast that if you were to lay out all the blood vessels in your body end to end, they could encircle the Earth about 2.5 times!

