

Name _____

The Fantastic Voyage: Exploring the Lymphatic System and the Blood Vascular System

Open-Ended Response Answer Key

1. Answers may vary but could include potential health issues like increased susceptibility to infections, swelling, and compromised immune responses. Overall well-being may be affected due to a weakened immune system.
2. A possible scenario could involve a person suffering from an infection. The circulatory system transports immune cells to the site of infection, while the lymphatic system helps remove waste and excess fluid from the inflamed area.
3. Regular exercise can stimulate lymphatic flow, helping to remove waste and toxins from tissues. Staying hydrated ensures that there's enough fluid for the lymphatic system to work effectively.
4. Answers will vary, but examples could include recent discoveries about how the lymphatic system plays a role in brain health or how certain diseases can affect both systems, leading to new treatment approaches.

