

Name _____

Lymph Nodes: The Guardians of Your Health

Open-Ended Response Answer Key

1. Answers may vary but could include potential health issues like increased susceptibility to infections, delayed immune responses, and potential complications from untreated infections. Overall well-being may be affected due to a weakened immune system.
2. In a scenario involving a person with a severe bacterial infection, lymph nodes would play a crucial role in trapping and neutralizing the bacteria, preventing their spread to other parts of the body. This allows the immune system to focus its efforts and fight the infection effectively.
3. Lymph nodes work together with other parts of the immune system by filtering lymph, detecting invaders, and producing antibodies. White blood cells help in the immune response by attacking and eliminating the invaders identified by the lymph nodes.
4. A fascinating fact is that lymph nodes can sometimes contain clues about the type and origin of certain cancers. Doctors can examine lymph nodes to help diagnose and stage cancer, providing valuable information for treatment decisions.

