

Chapter 22 Lymphatic Objectives

Anatomy and Physiology Text and Laboratory Workbook; Davenport, Stephen

1. What are four components of the lymphatic system (note: lymphocytes are only one type of leukocyte found in the lymphatic system).

Functions of the Lymphatic System

2. What are four functions of the lymphatic system?

Lymphatic Vessels

3. What is another name for lymphatic vessels? What are the smallest lymphatic vessels?
4. What are the major differences between blood and lymphatic capillaries?
5. What do the overlapping cells of the lymphatic capillary function as?
6. What are lacteals?
7. What is the function of lymphatic valves? How does the “skeletal muscle pump” work with the lymphatic system?

Major Lymph Collecting Vessels

8. Where does the thoracic duct and the right lymphatic duct each specifically collect lymph?

Lymphatic Organs

9. Briefly discuss the structure and function of lymphatic valves.
10. Briefly discuss the structure and function of palatine tonsils.
11. Briefly discuss the structure and function of lymph nodes.
12. Briefly discuss the structure and function of the spleen.
13. Briefly discuss the structure and function of the thymus.
14. Briefly discuss the structure and function of Peyer’s patches.