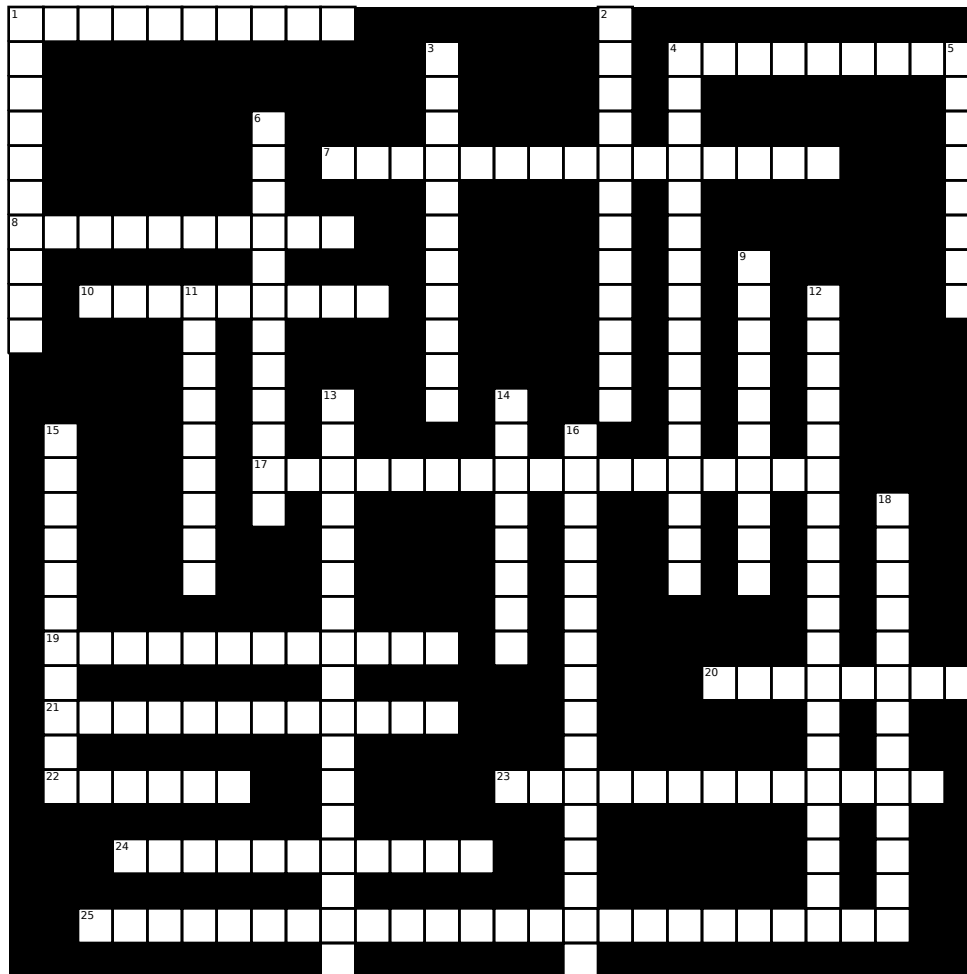


Lymph System

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Across

- 1 is a type of white blood cell in the vertebrate immune system.
- 4 The _____ system is a network of very small tubes (or vessels) that drain lymph fluid from all over the body.
- 7 This is a condition where the lymph nodes become swollen or enlarged, usually because of a nearby infection.
- 8 is the swelling caused by the accumulation of lymph fluid.
- 10 These cancers start in the lymph nodes when lymphocytes undergo changes and start to multiply out of control.
- 17 is a malignant soft tissue tumor (soft tissue sarcoma).
- 19 is a benign tumor occurring frequently in association with Turner syndrome.
- 20 lymph nodes under the arms
- 21 One of the major lymphatic vessels is the _____, which begins near the lower part of the spine and collects lymph from the pelvis, abdomen, and lower chest.
- 22 The _____, which is located in the upper left part of the abdomen under the ribcage, works as part of the lymphatic system to protect the body, clearing worn out red blood cells and other foreign bodies from the bloodstream to help fight off infection.
- 23 Also called adenitis, this inflammation of the lymph node is caused by an infection of the tissue in the node.
- 24 The functional unit of a lymph vessel is known as a _____, which is the segment between two valves.
- 25 is a benign tumor of the smooth muscles of the lymphatics that occurs in the lungs.

Down

- 1 enters the lymph nodes, where macrophages fight off foreign bodies like bacteria, removing them from the bloodstream.
- 2 The lymph nodes are a major site where foreign substances and infections interact with the cells of the _____.
- 3 was one of the first persons to mention the lymphatic system in fifth century BC. In his work "On Joints,"
- 4 are tiny thin-walled blood vessels that are closed at one end and are located in the spaces between cells throughout the body, except in the central nervous system, and in non-vascular tissues.
- 5 lymph nodes of the neck
- 6 Doctors usually tell someone with an _____ to avoid contact sports like football for a while, because a swollen spleen is vulnerable to rupturing (bursting).
- 9 are round or kidney-shaped, and can be up to 1 inch in diameter.
- 11 lymph nodes behind the knee
- 12 It is most commonly caused by a parasitic disease known as _____.
- 13 Performed by a massage therapist or physical therapist to increase the flow of the lymph system.
- 14 lymph nodes of the groin area
- 15 is caused by an infection of the tonsils, the lymphoid tissues in the back of the mouth at the top of the throat that normally help to filter out bacteria.
- 16 also known as Hodgkin's disease, is a type of lymphoma first described by Thomas Hodgkin in 1832.
- 18 infection of the lymphatic vessels cause a thickening of the skin and enlargement of underlying tissues, especially in the legs and genitals.