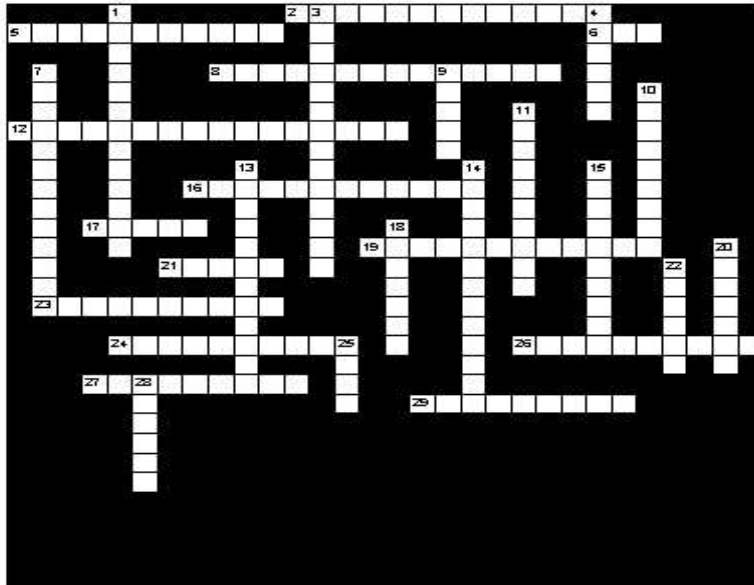


### Circulation and body defense



#### Across

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| <p>2. Condition that results when venous return from the lower limbs is prevented</p> <p>5. Type of efferent nerves that stimulate blood vessels</p> <p>6. A collection of dead neutrophils, tissue debris and pathogens at an injury site.</p> <p>8. Receptors that detect changes in content of the blood</p> <p>12. Location of the cardiovascular control center</p> <p>16. Layer of blood vessel wall that is continuous throughout the vascular system.</p> <p>17. Substance released by the kidney in response to low blood pressure levels.</p> <p>19. The blood vessel type that directly feeds into the capillary beds.</p> | <p>21. Term for the accumulation of fluid within the interstitial region.</p> <p>23. Type of capillary that is found within bone marrow or the liver.</p> <p>24. The pressure REGULATING vessels within the body.</p> <p>26. Proteins released by virally infected cells or lymphocytes to protect cells nearby cells from viral infection.</p> <p>27. General name for cell-signaling hormones.</p> <p>29. Center within the brain that controls the activity of the blood vessels.</p> |
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#### Down

1. A type of cell that provides non-specific defense against viral infections.
3. The automatic regulation of blood flow to capillary beds
4. Lymphoid organ that activates the immune system by filtering blood.
7. Collection of lymphoid tissue that protects the walls of the small intestine.
9. The pulsatile expansion and recoil of the lungs that results from the contraction and relaxation of the heart.
10. Lymph is filtered within this organ.
11. Set of serum proteins that interact with antibody, attract WBCs, dilate vessels and tag cells for death
13. Non-specific protective mechanism that the body uses to isolate and destroy infective agents.
14. Receptors that detect changes in volume of blood.
15. Large phagocytic leukocyte. Processes and presents antigen to specific immune cells
18. Site within the adrenal gland where epinephrine and norepinephrine are formed.
20. Substance that lowers the blood pressure by inhibiting the release of ADH.
22. Site within the adrenal gland where aldosterone is formed.
25. The body's first line of defense
28. Lymphoid organ that does not activate the immune system