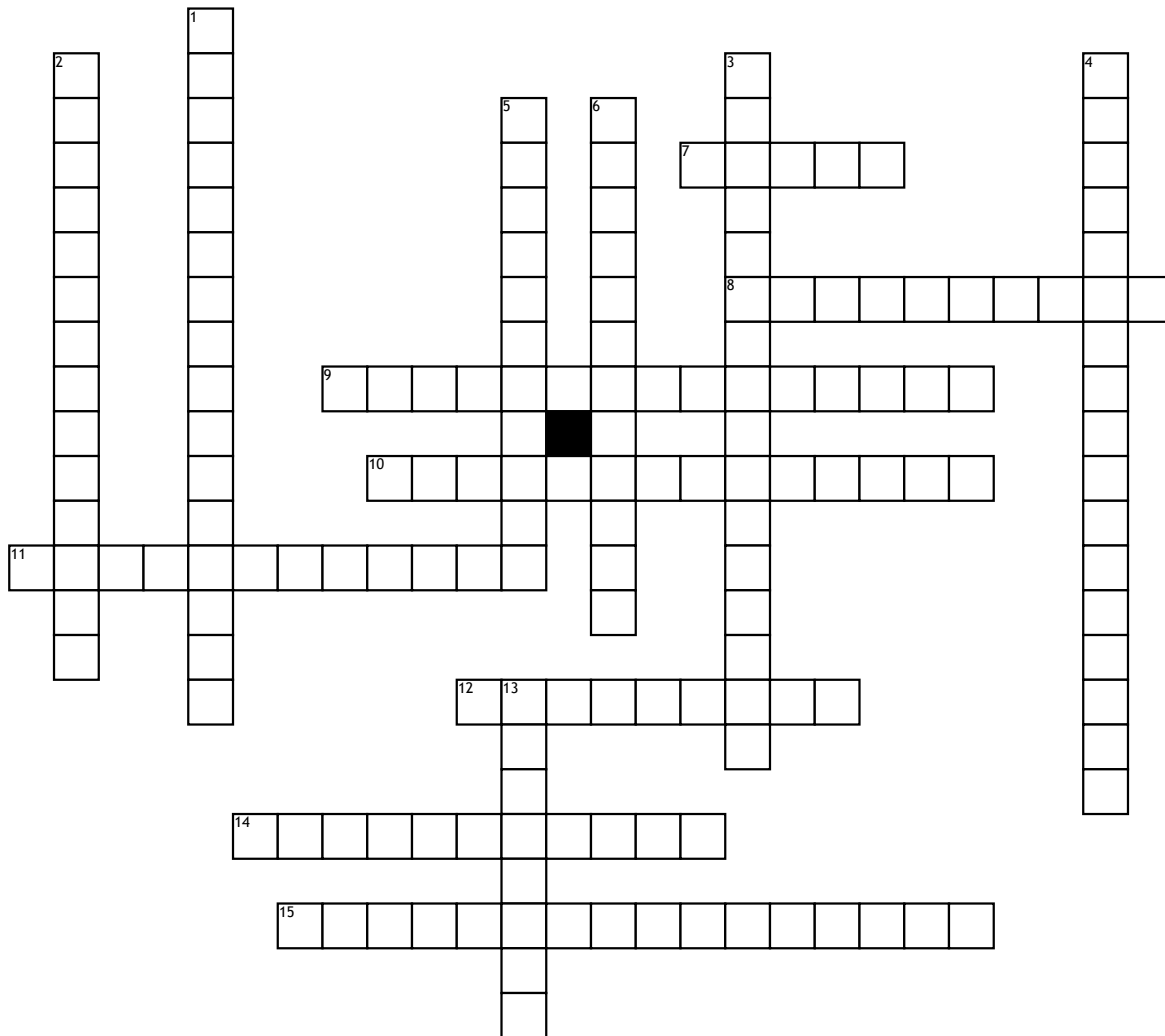


# Unit Four Crossword Puzzle



## Across

7. Which type of blood vessels are the afferent vessels that carry blood back to the heart.
8. Arteries are divided into three classes depending on size. The largest size is known for elasticity and is called the \_\_\_\_\_ class.
9. What protects the lungs from injury by excessive inspiration?
10. The outer wall of the \_\_\_\_\_ has a tough, superficial fibrous layer of dense irregular connective tissue and a thin, deep serous layer.
11. losing a great amount of red blood cells causes this

12. The resistance of blood flow in a patient can be determined from the length or radius of the vessels and \_\_\_\_\_.

14. Producing a slower heartbeat of 40 to 50 bpm is called \_\_\_\_\_.
15. Blood pressure is usually measured with a

## Down

1. What is most common form of circulatory shock which is produced by a loss of blood volume
2. An obstruction of coronary blood flow can cause a chest pain causing this

3. What vein collects blood from the anterior aspect of the heart and travels alongside the anterior interventricular artery

4. Blood is distributed by right and left \_\_\_\_\_ to the lungs, where it unloads CO<sub>2</sub> and loads O<sub>2</sub>.

5. In blood vessels, which principle comments are microscopic, thin-walled vessels that connect the smallest arteries to the smallest veins

6. Most of the CO<sub>2</sub> that diffuses from the blood into an alveolus comes from \_\_\_\_\_.

13. What type of hypoxia is caused by inadequate circulation?