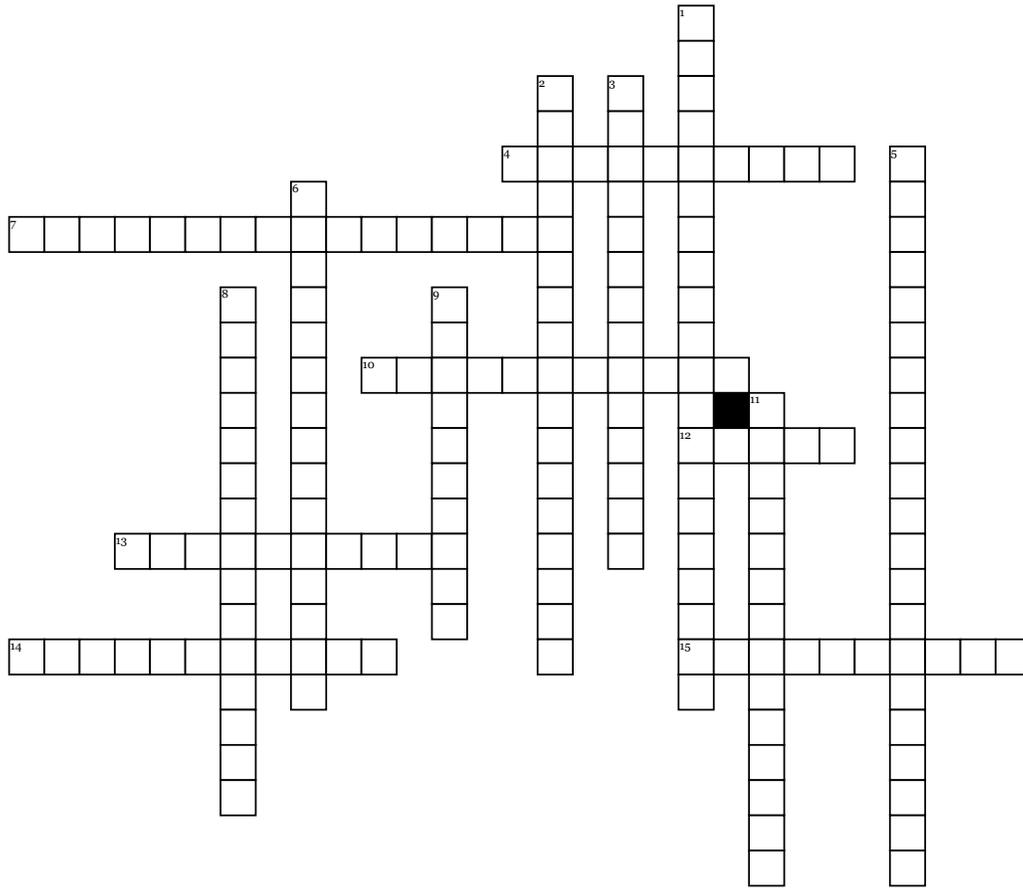


The Cardiovascular System



Across

- 4. lower chambers of the heart
- 7. system of blood vessels that carries blood between heart and the lungs
- 10. serous glandular cell that secretes a watery fluid with high enzyme content) membrane that surrounds the heart
- 12. upper chamber of the heart
- 13. muscle tissue of the heart
- 14. inner linings of the heart chambers
- 15. visceral part of the Pericardium on the surface of the heart.

Down

- 1. system of blood vessels that carries blood between heart and the lungs
- 2. a recording of the electrical changes in the myocardium during a cardiac cycle.
- 3. a pioneer of the medical device industry in Minnesota. He is best known for co-founding Guidant Corp. precursor Cardiac Pacemakers, Inc., now part of Boston Scientific, the company that manufactured the world's first lithium battery powered artificial pacemaker.

- 5. damage or disease in the heart's major blood vessels,
- 6. vessels that conduct blood between the heart and all body tissues
- 8. vessels that conduct blood between the heart and all body tissues
- 9. improper beating of the heart, whether irregular, too fast, or too slow
- 11. heart valve between the right atrium and the right ventricle

Word Bank

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|-----------------|-----------------------|-------------------------|------------------|
| epicardium | cardiovascular system | coronary artery disease | tricuspid valve |
| atria | electrocardiogram | endocardium | systemic circuit |
| Anthony Adducci | pulmonary circuit | systemic circuit | pericardium |
| ventricles | myocardium | arrhythmia | |