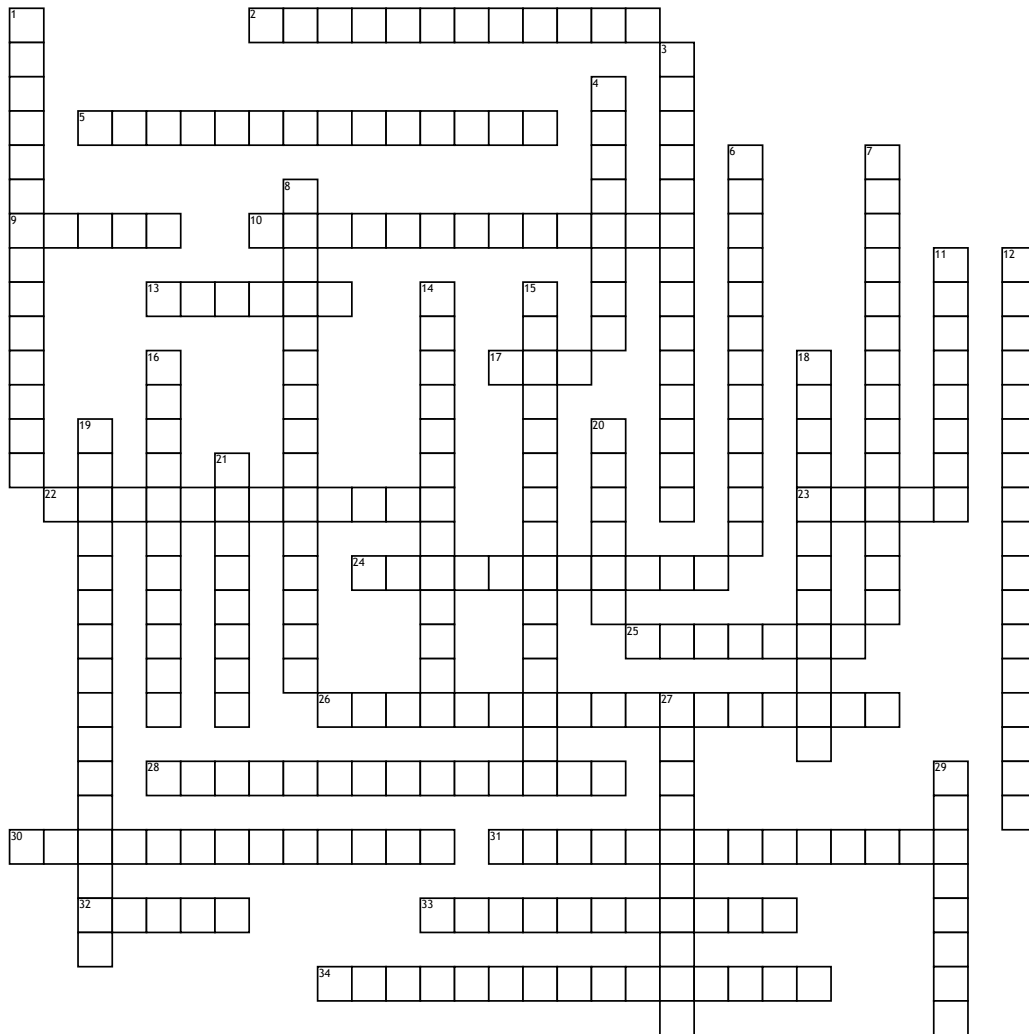


Chapter 2 cardiovascular system



Across

2. Ability of the heart to initiate an electrical impulse
 5. In electrical current that initiate the contraction of the heart
 9. ECG tracing represents atrial depolarization
 10. transports blood from the lungs to the heart
 13. Delays the electrical conduction through the heart
 17. ECG tracing represents ventricular depolarization
 22. Inside is negatively charged and outside is positively charged
 23. ECG tracing represents repolarization
 24. Sack of tissue enclosing the heart
 25. Contracting of the heart
 26. separates the LA and RA
 28. lower chamber that pumps blood into the lungs
 Which pumps blood into the lungs

30. Ability of the heart muscle cells too short in in response to an electrical stimulus

31. Heart muscle cells returned to their resting electrical state
 32. Artery that transports blood to the entire body
 33. Chamber of the heart that receives blood from the body
 34. Send electrical impulse to the LA

Down

1. Atrioventricular valve between the left atrium and left ventricle
 3. Distribute electrical impulses from cell to cell throughout the ventricles
 4. Sudden loss or reduction of oxygen in blood
 6. Ability of the heart cells to receive and transmit an electrical impulse
 7. A valve between the ventricles in the arteries
 A valve between the ventricles in the arteries

8. Branches off the bundle of his that send impulses to the LV and RV

11. Relaxing of the heart
 12. Blood the as no oxygen
 14. Heart chamber thar pumps blood to the blood to the body
 15. (ANS) help slow the heart rate
 16. No conscious control over its functions(ANS)
 18. Ability of the heart muscle cells to respond to an impulse
 19. Heart strings
 20. Initiate the heartbeat in a normal heart
 21. Valve between the RA and RV
 27. Heart chamber that receives oxygenated blood from the pulmonary veins
 29. Returns DE oxygenated blood to the heart

Word Bank

Bicuspid	Bachmann's bundle	Bundles branches	Repolarization	Sympathetic	T wave
Conductivity	Automaticity	Deoxygenated blood	SA node	Right ventricle	Systole
Excitability	Semilunar valve	Parasympathetic	Left atrium	Contractility	Vena cava
Left ventricle	Diastole	P wave	Tricuspid valve	inter atrial septum	QRS
Right atrium	Pericardium	Chordae tendineae	Pulmonary vein	Av node	Aorta
Polarization	Depolarization	Ischemia	Purkinje fibers		