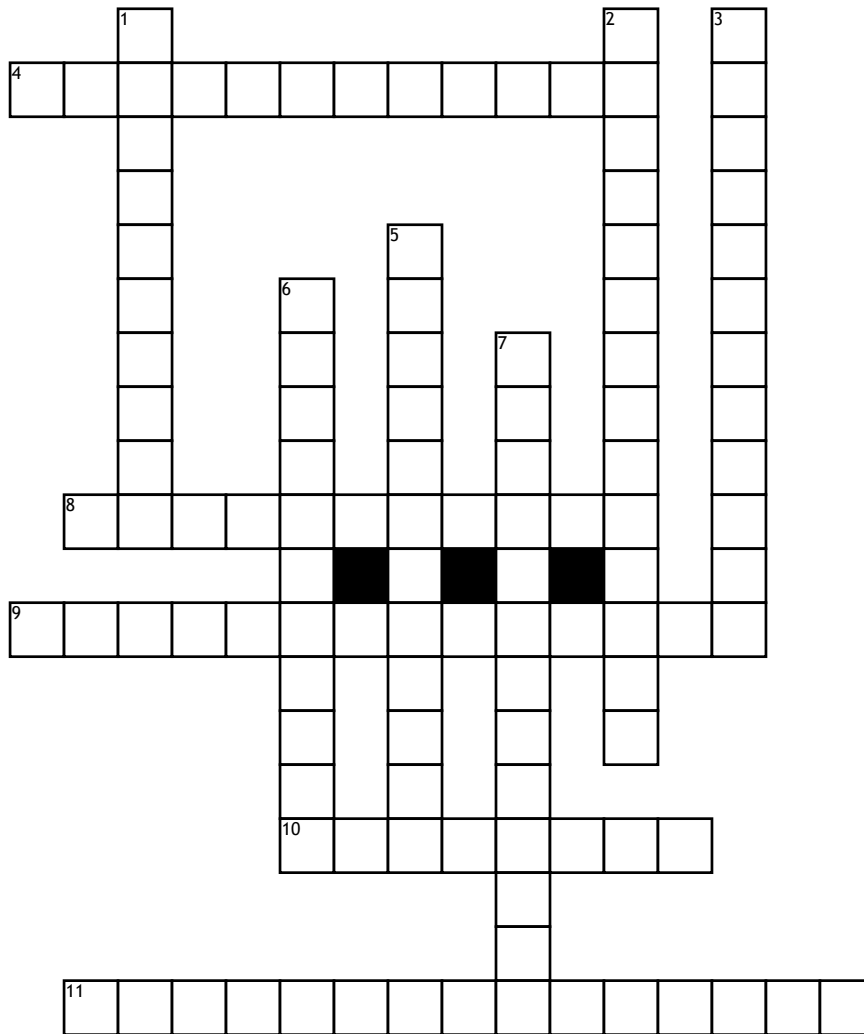


# chapter 16



## Across

4. events that occur from the beginning of one ventricular contraction (systole) until the beginning of another  
 8. heart rate above 100 beats/min  
 9. myocardial muscle cells relax  
 10. there is no evidence of any cardiac neuroconductive activity (full cardiac arrest)  
 11. processes of depolarization and repolarization of the cardiac membrane

## Down

1. irregularity of cardiac actions associated with physiologic or pathologic interruption of the heart  
 2. myocardial cells are stimulated to contract  
 3. quivering contraction of cardiac muscle fibers  
 5. process whereby cardiac cell membranes spontaneously depolarize at recurrent periods.  
 6. slowness of the heartbeat, as evidenced by slowing of the pulse rate to less than 60 beats/min.  
 7. amount of blood ejected from the ventricles each minute; calculated as the product of stroke volume times heart rate

## Word Bank

arrhythmia  
 tachycardia  
 automaticity

cardiac output  
 depolarization  
 asystole

bradycardia  
 repolarization  
 Action potential

cardiac cycle  
 fibrillation