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chapter 16

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| **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 |

   Action potential       arrhythmia       asystole       automaticity       bradycardia       cardiac cycle       cardiac output       depolarization       repolarization       fibrillation       tachycardia