

MULTIPLE CHOICE QUESTIONS

B.4.3. The Cardiac Diastole

1. During a normal cardiac cycle, the rapid filling phase occurs when?
 - a. At the beginning of the ventricular ejection phase
 - b. At the end of the ventricular ejection phase
 - c. At the beginning of the ventricular isovolumetric relaxation phase
 - d. At the end of the ventricular isovolumetric relaxation phase
 - e. At the beginning of the ventricular isovolumetric contraction phase
2. During a normal cardiac cycle, the active filling phase occurs when?
 - a. When the AV-valves open
 - b. When the AV-valves close
 - c. When the atria contract
 - d. When the atria relax
 - e. When the ventricles contract
3. During a normal cardiac function, what is the major difference between the events taking place in the right ventricle compared to those in the left ventricle?
 - a. The difference in blood flow
 - b. The difference in electrical propagation
 - c. The difference in blood pressure
 - d. The difference in electrical refractory period
 - e. The difference in cardiac valves behavior
4. A normal cardiac output is approximately 5 liters/min. When is this value reached?
 - a. Output from the right or from the left ventricle
 - b. Output from both the right and the left ventricle together
 - c. Output from the left ventricle during maximal exercise
 - d. Output from the right ventricle during maximal exercise
 - e. Output from the right atrium

Answers:

1. d.
2. c.
3. c.
4. a.