

## ResQCPR System Course Test Questions

**Course Description:** The ResQCPR System is comprised of the ResQPOD ITD 16 and the ResQPUMP ACD-CPR Device. This device combination provides Intrathoracic Pressure Regulation (IPR) Therapy to maximize vital organ blood flow and provide perfusion on demand during cardiac arrest. The goal of this course is to provide you with essential information about the ResQCPR System and how to perform active compression decompression CPR (ACD-CPR) with an impedance threshold device (ITD) on patients in cardiac arrest.

1. Intrathoracic Pressure Regulation (IPR) Therapy involves which of the following?
  - a. Enhancing POSITIVE pressure in the chest to increase perfusion.
  - b. Enhancing NEGATIVE pressure in the chest to enhance perfusion.**
  - c. Enhancing BOTH negative and positive pressure in the chest to increase respirations.
  - d. Preventing air from entering the chest to decrease interruptions in chest compressions.
2. Which of the following best describes the benefits of creating a negative pressure (or vacuum) within the chest during the decompression phase of CPR?
  - a. It helps to draw blood from the body back into the chest (i.e. creates preload)**
  - b. It helps to propel blood forward (i.e. creates cardiac output).
  - c. It decreases the risk of rib fractures during CPR.
  - d. It causes oxygen saturation levels in the blood to drop.
3. The ResQPOD ITD prevents which of the following?
  - a. The rescuer from actively ventilating the patient.
  - b. The patient from exhaling during the compression phase.
  - c. Air from being drawn into the chest during the recoil/decompression phase.**
  - d. Air from entering the stomach.
4. When using the ResQPOD ITD on a facemask, it is VERY important to take which of the following actions?
  - a. Turn on the ventilation timing lights.
  - b. Maintain a tight face seal with the mask at all times, especially during chest compressions.**
  - c. Hyperventilate if the patient has experienced an unwitnessed arrest.
  - d. Check for a pulse during chest compressions.
5. Which of the following best describes the proper placement of the ResQPUMP?
  - a. On the top half of the sternum.
  - b. In different positions depending on the size and weight of the patient.
  - c. In the middle of the chest, but with suction cup lip above the xiphoid process.**
  - d. Over the left side of the chest.
6. When using the ResQPUMP, which of the following best describes the amount of force needed to compress the chest at least 2 inches?
  - a. Use an amount of force needed for compression is equal to the patient's body weight.
  - b. The amount of force will vary based on the patient's chest wall compliance but, typically, no more than 40 kg is needed for most patients.**
  - c. 10 kg is needed to compress the chest 2 inches in all patients.
  - d. 40 kg is needed to compress the chest 2 inches in all patients.

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7. How much force/lift should be applied during active decompression with the ResQPUMP?
  - a. Zero kg
  - b. Approximately 10 kg**
  - c. Approximately 20 kg
  - d. As much as the rescuer is able to apply
  
8. Which of the following statements regarding the ResQCPR System is FALSE?
  - a. It is the only CPR device in the United States with an FDA-approved indication for improving the likelihood of survival in adults with non-traumatic cardiac arrest.
  - b. The ResQPUMP ACD-CPR Device is the only device on the market that is FDA-approved to deliver ACD-CPR.
  - c. It has been shown in a clinical study to improve survival to one year by 49% compared to standard CPR.
  - d. It can be used in all patients regardless of age or weight.**
  
9. ResQCPR, using both the ResQPUMP and ResQPOD, should be performed at what rate?
  - a. 80 compressions per minute**
  - b. 90 compressions per minute
  - c. 100 compressions per minute
  - d. 120 compressions per minute
  
10. If a return of spontaneous circulation (pulse) occurs, rescuers should do which of the following?
  - a. Remove the ResQPOD only.
  - b. Remove the ResQPUMP only.
  - c. Leave both the ResQPUMP and ResQPOD in place in case the patient re-arrests.
  - d. Remove both the ResQPUMP and ResQPOD.**