

## **Continuing Education QUIZ (1.0 hours CEU)**

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### **Pre-Hospital Assessment and Management of Patients with Ventricular-Assist Devices**

- 1) Left-Ventricular Assist Devices (LVAD's) are used for which of the following?
  - Bridge to transplantation
  - Myocarditis
  - Destination therapy
  - All of the above
  
- 2) The most common complications related to the patient of LVAD's are bleeding, stroke, and arrhythmias.
  - True
  - False
  
- 3) Which of the following is the most common complication related to the LVAD.
  - Aortic insufficiency
  - Infection
  - Bleeding
  - Hypertension
  
- 4) In a patient with increased use of pump power, decreased flow and acute hypotension, one should suspect which of the following?
  - Infection
  - Bleeding
  - CNS event
  - Thrombosis
  
- 5) Patients with continuous flow pumps will have a detectable pulse.
  - True
  - False

6) All of the following are important to recognize with LVAD patients **EXCEPT**:

- Bringing an extra battery pack to the hospital
- Only symptomatic arrhythmias should be treated
- Regularly use trauma shears to remove the patient's shirt
- Airway concerns will be similar to other patients

7) Which of the following is/are true regarding chest compression in LVAD patients?

- Risk of dislodging the device and exsanguination
- If CPR is not started there is an increased risk of thrombosis within the pump
- If the patient is not a DNR, the LVAD team cannot be reached and the patient is unresponsive it is okay to initiate CPR
- All of the above