

Northwest Community EMS System
November 2025 CE: Cardiac Arrest Practical Scenarios
Credit Questions

Name (Print):		EMS Agency:		
EMS Educator:				
Date submitted	Score:	<input type="checkbox"/> Acceptable <input type="checkbox"/> Not acceptable	<input type="checkbox"/> Incomplete <input type="checkbox"/> Incorrect answers	Date returned w/ feedback
Resubmission received:	Score:	<input type="checkbox"/> Acceptable <input type="checkbox"/> Not acceptable	<input type="checkbox"/> Incomplete <input type="checkbox"/> Incorrect answers	Date returned w/ feedback:
# CE Hours awarded:		Date		

This packet should take 2 hours to complete – which earns the equivalent of the 2 hour live CE class.

Sources of information/answers

November CE Participant slide deck PDF and NWCEMSS SOPs

1. Per the new agreement with NWCEMS & Lutheran General EMS System effective October 1, 2025, EMS providers may call directly to the receiving hospital for which type of calls? _____

2. If OLMC request involves an SOP difference the provider must contact who? _____

3. Who should EMS providers contact in the event of a multiple patient incident in regards to OLMC? _____

4. List the 5 steps of Cardiac Arrest referenced in the cardiac arrest SOP?
 1. _____
 2. _____
 3. _____
 4. _____
 5. _____
 1. _____
 2. _____
 3. _____
5. What does the primary assessment include? _____
6. When is CPR Contraindicated? _____
7. When is it appropriate to apply the mechanical CPR device? _____

8. When encountering a patient wearing a Life Vest, EMS should disconnect the batteries and remove the vest?
 True False
9. When encountering a patient wearing a VAD, should EMS remove the batteries? _____
10. Are chest compressions allowed for a patient with a VAD? _____
11. Can a patient with a VAD be defibrillated? _____

12. What is the preferred pad placement for a patient with a VAD device? _____
13. Is the neck strap required while using a mechanical CPR device? _____ Explain: _____

14. List the contraindications of a mechanical CPR device.

15. Is pregnancy a contraindication to a mechanical CPR device? _____
16. While treating a pregnant patient in cardiac arrest, how can EMS maximize cardiovascular circulation?

17. What does the SpO₂ pleth waveform tell EMS during cardiac arrest resuscitation efforts? _____

18. List the BLS airways in sequential order of application.
1. _____
2. _____
3. _____
4. _____
5. _____
6. _____
22. What two patient presentations will EMS provide Apneic Oxygenation?

23. What patients are immediately ventilated?

24. Who is responsible for squeezing the BVM prior to an advanced airway?

25. Pulse checks are required every 2 minutes during CPR?
 True False
26. Explain what pre-charge means on an ecg monitor. _____
27. An IO is the only approved method of vascular access during a cardiac arrest?
 True False
28. How should fluids be administered (at what rate) during cardiac arrest?

29. When should EMS consider placing an advanced airway during cardiac arrest?

30. In an article published by Prehospital Emergency Care what is the National Association of EMS Physicians (NAEMSP) stance on Out of Hospital Cardiac Arrest (OHCA) advanced airway placement?
1. _____
2. _____
3. _____
31. What is the repeat dose of amiodarone in pediatrics when presenting in VF/ pulseless VT?

32. When should a blood glucose be obtained for a pt in cardiac arrest? _____
33. Cardiac Arrest Procedure states continue resuscitation at point of contact for at least 30 minutes. What are the exceptions to this?

34. **Fill in the blanks for the following:**
Termination of Resuscitation can be considered when a normothermic pt remaining in persistent monitored _____ for _____ despite resuscitation | EtCo2 remains _____ for _____ in patients w/ advanced airway and no reversible causes of arrest are identified.

Questions #35-40 are in regards to a couple of practical scenarios that were completed during the live CE class.

Scenario 1: Called to the residence for a 68 y/o female in cardiac arrest. Friend on scene explained pt initially complained of a headache, appeared confused and had difficulty answering questions while sitting at the table having coffee. She then collapsed in her chair. Per EMD direction the friend lowered pt to the ground and began CPR. Pt has a history of a-fib and high cholesterol. Takes Lipitor and Xarelto. No allergies.

35. List the initial EMS priorities of this patient
1. _____
2. _____
3. _____
4. _____
36. Pt is found in asystole. What medication should be given? _____ How often? _____

Scenario # 2: EMS is called to the forest preserve parking lot for a 26-year-old asthmatic with difficulty breathing. Upon arrival PD explained they witnessed her arrest, began performing CPR and delivered 1 shock with their AED.

37. List the initial EMS priorities of this patient
1. _____
2. _____
3. _____
4. _____
38. Pt presents is v-fib, what is EMS's first priority? _____

39. What medication (s) should this patient receive? _____
40. Post successful intubation EMS notes difficulty squeezing the bag (they are meeting resistance) wheezing and sharkfin waveform on the ECG monitor. What can EMS do?
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