

Northwest Community EMS System
April 2023 CE: Airway | Respiration | Ventilation
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

April CE slide deck PDF, Participant Handout, NWCEMSS Policy, System Memos #413- 415, Procedure Manual, & SOPs

1. Prior to administering medication, what must a paramedic verify?

3. What is included in a medication cross check?

4. What vitals should be **continuously** monitored post sedation and pain analgesia administration?

5. Per System Memo #414, what is the sedation contingency plan if both Ketamine and Etomidate stock is exhausted?

6. Per System Memo #415 what is the contingency plan if all albuterol supply is exhausted?

7. Fill in the blanks for the following statement.

PBPI has preliminarily reported on the Advanced Airway Screen for 2022 that of the 553 Intubation procedures in 2022 our System reported success rate is _____% compared to National ESO Data 2021 of _____%.

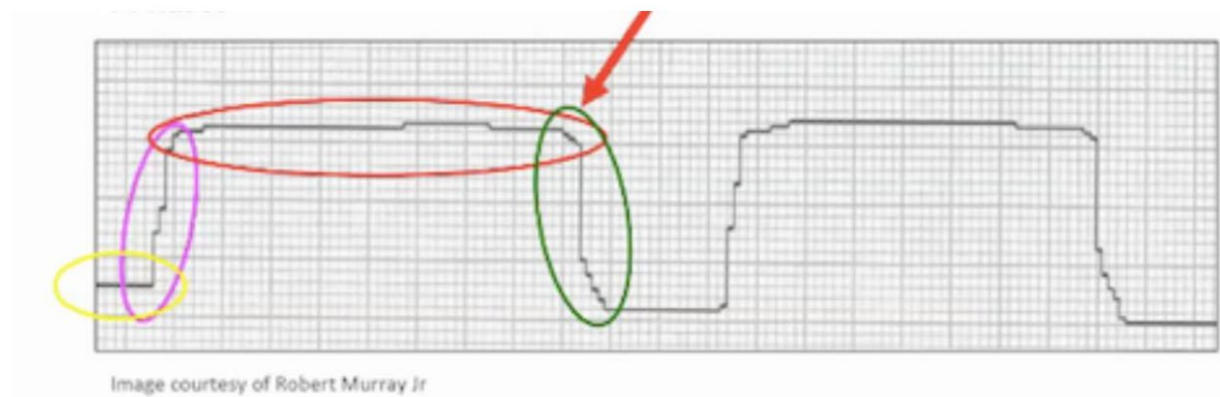
8-10. Please fill in the highlighted areas below

| What do each of these measure? | |
|--|-------------------|
| SpO ₂ | EtCO ₂ |
| 8. _____ | 9. _____ |
| Together they will give you the 10. _____ picture. | |

11-13. Please fill in the highlighted areas below

| Three components that are needed to produce a capnography waveform | | |
|--|-----------|-------------|
| Metabolism | Perfusion | Ventilation |
| 11. _____ | 12. _____ | 13. _____ |

14-17. **Identify** and **explain** the 4 phases of the capnography waveform below:



14. Phase 1: _____

Identified by what color on the image? _____

15. Phase 2: _____

Identified by what color on the image? _____

16. Phase 3: _____

Identified by what color on the image? _____

17. Phase 4: _____

Identified by what color on the image? _____

18. Watch the video with the hyperlink provided then answer the question. Play video only from **12:50-16:20mins**.

<https://www.stryker.com/us/en/training-and-education/medical-and-surgical-equipment--/emergency-care/emergency-care/video/capnography--reading-the-waves-and-why-it-matters-from-ems-throu.html>

List what you believe were the biggest 3 take home points of the video.

1. _____
2. _____
3. _____

19. List 4 capnography pearls?

1. _____
2. _____
3. _____
4. _____

Watch the video with the hyperlink provided. Next complete the following questions #20-31 based on what you witnessed in the video, along with your SOPs and Procedure. <https://www.youtube.com/watch?v=239pVWepOHg>

20. What assessment must be done post advanced airway placement to monitor proper sedation?

21. What are signs that reflect sedation medication is wearing off?

22. List sedation medication and dosages in order of drug preference

26. What is the post advanced airway ongoing sedation medication and dosage?

27. How can EMS verify correct ET tube placement?

28. How does EMS document these findings in their ePCR?

29. What must be monitored post advanced airway placement?

30. What are signs of a failed intubation?

31. What are some considerations if bagging becomes difficult after advanced airway placement?

32. Use the hyperlink to watch video. Start the video at 2:28 mins and stop video at 13:38 mins.

<https://www.stryker.com/us/en/training-and-education/medical-and-surgical-equipment--/emergency-care/emergency-care/video/cracking-complex-pediatric-airway-cases.html>

Initial on the line verifying you have completed this. (your initials) _____

33. How can EMS identify that their pt may be a difficult intubation? (complete the acronym)

THE LEMON ASSESSMENT

L _____

E _____

M _____

O _____

N _____

34. In regards to the published paper, *Prehospital Airway Management and Training and Education*, complete the following statement by filling in the blanks:

_____ is not the same thing as _____ and _____ is not the same as _____

35. Quality Management of Prehospital Programs suggest QI should be what rather than punitive? _____

36. List the 6 PEARLS for carrying out BVM ventilation.

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____

37. Regarding Drug Assisted Airway Management published by Dr. Jarvis, list (summarize) the 9 best practices to adopt:

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____
8. _____
9. _____