Continuing Education QUIZ (2.0 hours CEU)

Name: _____

Address: _____

City: _____   State: ____   Zip Code: _____

Email: _____

A Meta-Analysis of Pre-hospital Airway Control Techniques Part II: Alternative Airway Devices and Cricothyrotomy Success Rates

1) Place the Alternative Airway Devices (AAD) and Oral Endotracheal Intubation (OETI) in order of ascending successful placement rates (least to most successful), according to the meta-analysis:

☐ LMA, Combitube, King Airway, OETI
☐ Combitube, OETI, LMA, King Airway
☐ King Airway, LMA, OETI, Combitube
☐ OETI, Combitube, King Airway, LMA

2) How did needle cricothyrotomy (NCRIC) compare to surgical cricothryrotomy (SCRIC)?

☐ NCRIC better than SCRIC
☐ SCRIC better than NCRIC
☐ No difference between NCRIC and SCRIC

3) Which alternative airway devices (AAD) were **NOT** studied in this meta-analysis?

☐ Esophogeal Obturator airway (EOA), Esophogeal Gastric Tube Airway (EGTA), Pharyngeotracheal Lumen Airway (PLA)
☐ Bougie, Glidescope, and Intubating LMA
☐ King Laryngeal Tube Airway, NCRIC and SCRIC
☐ Combitube, King Laryngeal Tube Airway and LMA

4) For which of the items below were **ALL** criteria included in the study quality assessment tool used by the authors?

☐ Age, rescue airway, clinician and verification of successful placement
☐ Patient mix, study design, drug company sponsorship, and setting
☐ Randomized controlled trials, cardiac arrest, and drug-assisted intubation
☐ Drug company sponsorship, rescue airway and verification of successful placement.

5) What proportion of the included studies was retrospective and therefore descriptive in nature?

☐ 1/4
☐ 1/3
☐ 1/2
☐ 2/3

6) What is the first limitation of this meta-analysis acknowledged by the authors?

☐ The quality of the included studies
☐ Old data
☐ Evaluating only placement success rates, not ventilation efficacy with each AAD
☐ Heterogeneity

7) Name 2 additional limitations of the study acknowledged by the authors (in addition to question #6)

☐ Lack of funding and heterogeneity
☐ Old data and drug company bias
☐ Old data and poor quality of included studies
☐ Evaluating placement success only, not ventilation efficacy and study selection bias