Continuing Education QUIZ (1.0 hours CEU)

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Comparison of Direct Laryngoscopy to Pediatric King LT-D in Simulated Airways

1) Pediatric full arrest is most commonly due to a cardiac etiology.

   ☐ True
   ☐ False

2) Ventilation time may be decreased during direct laryngoscopy in pediatric patients due to which of the following?

   ☐ Equipment set-up
   ☐ Searching for the vocal cords
   ☐ Multiple intubation attempts
   ☐ Less experience intubating pediatric patients vs. adult patients
   ☐ All of the above

3) Studies have shown that pre-hospital direct laryngoscopy resulted in a malpositioned endotracheal tube more than twice as often in pediatric patients compared to adult patients.

   ☐ True
   ☐ False

4) In this study, a difficult airway was simulated by:

   ☐ Tongue swelling
   ☐ Cervical collar
   ☐ Congenital deformity
   ☐ Copious secretions
   ☐ Morbid Obesity

5) The King LT-D has all of the following characteristics **except**:

   ☐ An esophageal air reservoir
   ☐ Double lumen
   ☐ A posterior pharyngeal air reservoir
   ☐ Fenestrations
   ☐ It was designed to be placed in the esophagus

6) The conclusions of the study include which of the following?

- ☐ In simulated conditions of a typical pediatric airway, adequate ventilation time was increased significantly if the first-line airway attempt was made with direct laryngoscopy
- ☐ In simulated conditions of a typical pediatric airway, adequate ventilation time was increased significantly if the first-line airway attempt was made with a pediatric King LT-D
- ☐ In simulated conditions of a difficult pediatric airway, adequate ventilation time was increased significantly if the first-line airway attempt was made with a pediatric King LT-D
- ☐ In simulated conditions of a difficulty pediatric airway, adequate ventilation time was increased significantly if the first-line airway attempt was made with direct laryngoscopy

7) According to this study, utilizing the King LT-D increased adequate ventilation time in the pediatric patient when compared with direct laryngoscopy due to which of the following factors?

- ☐ (A) Minimal set-up time
- ☐ (B) No vocal cord visualization was required
- ☐ (C) Reduced rate of misplacement
- ☐ A & B
- ☐ All of the above

8) Based on this study, it can be concluded that the King LT-D is superior to the LMA in lengthening adequate ventilation time in pediatric patients

- ☐ True
- ☐ False