

## Continuing Education QUIZ (1.0 hours CEU)

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### Putting It All Together to Improve Resuscitation Quality

- 1) The 2010 American Heart Association Guidelines for Cardiopulmonary Resuscitation and Emergency Cardiovascular Care (AHA Guidelines) advocate for which moniker regarding resuscitation of adult cardiopulmonary arrest?

- ABC (Airway, Breathing, Circulation)
- CAB (Circulation, Airway, Breathing)
- BAC (Blood Alcohol Content)
- "Push fast, push often"

- 2) Cardiopulmonary resuscitation success is closely tied to effectively treating the cause of initial arrest. This effects selection of patients who improve significantly (i.e. survival to hospital discharge, neurologic outcome at 1 month) by providing the proper interventions during resuscitation. Please choose the correctly matched patient group, primary cause of arrest and intervention, below:

- (A) Adults; respiratory; ventilation
- (B) Pediatrics; cardiac; defibrillation/CPR
- (C) Adults, cardiac, defibrillation/CPR
- (D) Pediatrics; respiratory; ventilation
- Both C & D

- 3) Standard CPR (ABC's) is preferable, including controlled ventilation efforts, for pediatric cardiopulmonary arrest?

- True
- False

- 4) Delay to defibrillation of Ventricular Fibrillation (VF) confers an increase in mortality of \_\_\_\_\_% per minute of delay?

- 1
- 3
- 7-10
- 25

5) Resuscitation performance during an actual cardiopulmonary arrest is augmented by which training modalities?

- (A) Higher fidelity simulation
- (B) Automated quantitative feedback during training
- (C) Post-event debriefing
- (D) ACLS certification
- (E) Regular refresher training
- A, B, C, D
- A, B, C, E
- All of the above
- None of the above

6) Implementation of more than one of the above modalities confers an additive effect in improvement of CPR provider performance (i.e.  $1+1=3$ )

- True
- False

7) Return of spontaneous circulation (ROSC) is associated with increased/improved coronary blood flow. The coronary arteries are perfused during \_\_\_\_\_, which correlates with arterial blood pressure during CPR as measured by \_\_\_\_\_?

- Diastole, end-tidal CO<sub>2</sub> monitoring
- Systole, end-tidal CO<sub>2</sub> monitoring
- Diastole, pulse oximetry
- Systole, pulse oximetry