

Continuing Education QUIZ (1.0 hour CEU)

Name: _____

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Capnography as a Clinical Tool

- 1) Which of the following will **decrease** end-tidal carbon dioxide?
 - Increased metabolic rate
 - Hypoventilation
 - Rescuer fatigue while performing CPR
 - Administration of Sodium Bicarbonate

- 2) A patient with acute obstructive disease process (i.e. COPD or asthma exacerbation) will produce this characteristically shaped waveform.
 - U-shaped
 - Shark fin
 - Complete loss of waveform
 - Square box

- 3) Capnography can only be used for patients who are intubated.
 - True
 - False

- 4) Capnography can confirm futility of resuscitation if an end tidal carbon dioxide level is _____ mmHG or less after _____ minutes after initiation of ACLS
 - 10, 20
 - 10, 10
 - 20, 10
 - 10, 5

- 5) During chest compressions a _____ in end-tidal carbon dioxide level can indicate a return to spontaneous circulation (ROSC)
 - Rapid increase
 - Rapid decrease
 - No change

6) Hyperventilation in an intubated patient with elevated intracranial pressure (ICP) is associated with which of the following:

- Decrease in mortality
- Increased ICP by increasing cerebral blood flow resulting in cerebral ischemia
- Decreased ICP by decreasing intracranial blood flow resulting in cerebral ischemia
- No change in the ICP

7) Capnography can be used to assist in determining the aggressiveness of pharmacologic and/or airway management in the seizure patient.

- True
- False