

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