

Noninvasive Ventilation Post-Test

- 1) What physiologic effect does negative pressure ventilation have on cardiac output?
 - a) None
 - b) Increases
 - c) Decreases

- 2) An example of a negative pressure ventilator is
 - a) PB 980
 - b) Hayek RTX
 - c) Siemens Servo i
 - d) Respironics V60

- 3) Complications of non-invasive ventilation include all of the following EXCEPT
 - a) Pneumothorax
 - b) Aspiration
 - c) Mucus plugging
 - d) Hemodynamic stability

- 4) Contraindications for non-invasive ventilation include all of the following EXCEPT
 - a) Apnea
 - b) Cardiovascular stability
 - c) Excessive and/or viscous secretions
 - d) severely impaired mental status

- 5) For non-invasive ventilation, what effect does heated humidification have on airway resistance?
 - a) Increase
 - b) Decrease
 - c) No effect

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- 6) What is NOT a benefit of non-invasive ventilation
- a) Decrease WOB
 - b) Prevention of ETT complications
 - c) Reduction in sedation requirements
 - d) All are benefits of NIV
- 7) Indications for NPPV include all EXCEPT
- a) Acute cardiogenic pulmonary edema (ACPE)
 - b) Blunt thoracic trauma
 - c) Postoperative respiratory failure
 - d) Apnea
- 8) Which is NOT an advantage of a nasal interface?
- a) Enables speech
 - b) Enables eating
 - c) Increases risk of aspiration
 - d) Less claustrophobic
- 9) Physiologic effects of NPPV include all EXCEPT
- a) Oxygenation increased by end- expiratory pressure
 - b) Hypercapnea decreased with inspiratory pressure
 - c) Decreased dynamic lung compliance
 - d) Decreased WOB
- 10) Negative pressure ventilator types include all EXCEPT
- a) Full face mask
 - b) Tank
 - c) Cuirass
 - d) Wrap