

Preventing Ventilator-Associated Pneumonia SD Post-Test

- 1) What is the most frequent hospital-associated infection?
 - a) Ventilator-associated pneumonia
 - b) Urinary tract infection
 - c) Staphylococcal wound infection
 - d) Clostridium difficile gastroenteral infection

- 2) Which of the following microorganisms commonly causes LATE ONSET hospital-acquired pneumonia?
 - a) Hemophilus species
 - b) Streptococci
 - c) Pseudomonas aeruginosa
 - d) Enterobacter

- 3) Which of the following anatomic areas normally is sterile?
 - a) Inferior to the vocal cords
 - b) Oropharynx
 - c) Nasopharynx
 - d) Epiglottis

- 4) An endotracheal tube compromises defense of the lung against infection. Which of the following are mechanisms for the compromise?
 - a) Provides a direct conduit for microorganisms
 - b) Impairs cough
 - c) Impairs mucociliary clearance
 - d) All of the above

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- 5) Contaminated tap water is a likely source of nosocomial infection involving which of the following organisms?
- a) Clostridium difficile
 - b) Coronavirus
 - c) Pseudomonas aeruginosa
 - d) All of the above
- 6) Risk factors for ventilator-associated pneumonia include all of the following, EXCEPT:
- a) Prolonged hospitalization before mechanical ventilation
 - b) Suctioning by the open suctioning technique
 - c) COPD
 - d) Smoking
- 7) Which of the following practices may cause re-inoculation of patients by organisms present on the biofilm of an endotracheal tube?
- a) Recruitment maneuvers
 - b) Humidification by heat and moisture exchangers
 - c) Instillation of normal saline for suctioning
 - d) Closed suctioning technique
- 8) The clinical pulmonary infection score includes all of the following assessments, EXCEPT:
- a) Fever
 - b) Leukocyte count
 - c) Accessory muscle usage
 - d) Purulence of secretions

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9) All of the following are effective measures for preventing ventilator associated pneumonia, EXCEPT:

- a) Increased clinical staffing
- b) Swabbing patients' mouths with chlorhexidine
- c) Soap and water hand-washing between all patients
- d) Administration of aerosols by metered-dose inhalers instead of nebulizers

10) The silver-coated endotracheal tube intends to decrease ventilator-associated pneumonia by _____.

- a) decreasing airway trauma
- b) removing secretions above the tube cuff
- c) filtering out potential invasive microorganisms
- d) inhibiting biofilm accumulation