

PRINTED TEST

NAME \_\_\_\_\_ 2010 DATE \_\_\_\_\_

Smith Seminars  
Cystic Fibrosis Online Test

1. \_\_\_\_\_ Manifestations of pancreatic insufficiency include
  - A) Frequent passage of bulky, foul-smelling, oily stools
  - B) Poor growth pattern with increased subcutaneous tissue and muscle mass.
  - C) Abdominal prolapse
  - D) Rectal protuberance
  
2. \_\_\_\_\_ In cystic fibrosis, pulmonary damage is probably initiated by diffuse obstruction in the small airways by
  - A) Increased glucose content of secretions.
  - B) Abnormally thick mucus secretions.
  - C) Decreased amount of mucus produced.
  - D) None of the above
  
3. \_\_\_\_\_ Pulmonary function testing is used to
  - A) Provide evidence of pulmonary exacerbations
  - B) Follow progression of the disease
  - C) A only
  - D) A & B
  
4. \_\_\_\_\_ The quantitative pilocarpine iontophoresis sweat test is
  - A) Standard for diagnosing CF
  - B) Measures the amount of sodium and chloride in a person's sweat.
  - C) Can be performed on patients as young as four weeks of age
  - D) All the above
  
5. \_\_\_\_\_ CF patients are at risk for zinc and vitamin deficiencies, particularly during the first year of life due to
  - A) Malabsorption of fats
  - B) Malabsorption of proteins
  - C) A & B
  - D) None of the above
  
6. \_\_\_\_\_ Clinical signs in the CF patient that suggests chronic lung disease include
  - A) Chest hypoinflation
  - B) Decreased second heart sound
  - C) Digital clubbing
  - D) none of the above

PRINTED TEST – PAGE 2

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7. \_\_\_\_\_ In the CF patient,
- A) Respiratory rate and pulse oximetry can help provide early signs of worsening lung function
  - B) Oxygenation during sleep is an important measurement that should be done in all patients
  - C) If pulmonary function indicates restrictive changes, it may indicate substantial air trapping
  - D) All the above
8. \_\_\_\_\_ Forced expiratory technique include
- A) Deep breathing, focusing on inspiration.
  - B) Huffs that can be less effective than coughing
  - C) Combines 1 to 2 huffs with periods of breathing control
  - D) None of the above
9. \_\_\_\_\_ In people with CF, the DHA levels
- A) Appear to be lower than normal
  - B) Are fatty acids that may be important to protecting the body against inflammation
  - C) May contribute to increased inflammation in the lungs
  - D) All the above
10. \_\_\_\_\_ Low pressure PEP
- A) Consists of a mouthpiece or face mask attached to a low-pressure, expiratory resistor
  - B) Provides oscillation to the external chest
  - C) Provides continuous oscillating pressures during both inhalation and exhalation
  - D) All the above

### Submission Instructions

Print the test, answer the questions, and fill out personal information.

Submission Method #1 – Fax to us at 972-759-9791

Submission Method #2 – Smith Seminars, PO Box 516, Paradise, TX 76073

Submission Method #3 – Go to [www.smithseminars.com](http://www.smithseminars.com) online tests and enter answers

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