

NAME _____ PRINTED TEST 2010 DATE _____

Smith Seminars
Pulmonary Function Test

1. _____ Reduction in the amount of air exhaled forcefully in the first second of the forced exhalation (FEV₁) may reflect:
 - A. Reduction in the maximum inflation of the lungs (TLC)
 - B. Obstruction of the airways
 - C. Respiratory muscle weakness
 - D. All the above

2. _____ In normal spirometry:
 - A. FVC, FEV₁, and FEV₁/FVC ratio are above the lower limit of normal.
 - B. FVC and FEV₁ should be less than or equal to 80% of predicted.
 - C. FEV₁/FVC ratio should be more than 18-19 absolute percentage points below the predicted ratio.
 - D. None of the above

3. _____ Spirometry test can be used to demonstrate various abnormalities of the larger central airways (larynx, trachea, right and left mainstem bronchi) including:
 - A. Variable intrathoracic obstructions
 - B. Variable extrathoracic obstructions
 - C. Fixed upper airway obstructions
 - D. All the above

4. _____ FRC can be measured by:
 - A. Inert gas dilution
 - B. Nitrogen washout
 - C. Whole-body plethysmography
 - D. All the above

5. _____ Increase airways resistance can occur from:
 - A. Bronchial spasm and airway inflammation
 - B. Excessive secretions in the airway and loss of lung elastic recoil
 - C. A & B
 - D. None of the above

6. _____ Contraindication to a DLCO test:
 - A. Able to maintain an airtight seal on a mouthpiece
 - B. Able to hold a large breath for 10 seconds
 - C. Inability to follow instructions
 - D. None of the above

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7. _____ Absolute contraindications of bronchial provocation test:
- A. Myocardial infarction or cerebral vascular accident within 3 months
 - B. FEV1 less than 1.5 L in adults, less than 1 L in children
 - C. Recent severe acute asthma or arterial aneurysm
 - D. All the above
8. _____ Prior to the methacholine challenge test, the patient should not take:
- A. Short-acting beta agonist for 72 hours
 - B. Antihistamines for 6 hours
 - C. Long-acting beta agonist for 36 hours
 - D. Anticholinergics for 2 hours
9. _____ CPX test is used for evaluation of all EXCEPT:
- A. Dyspnea that is out of proportion to findings on static pulmonary function tests
 - B. Uncontrolled asthma
 - C. Preoperative evaluation of operative risk
 - D. Evaluation of disability
10. _____ Exhaled nitric oxide (FE NO) in asthma may have the utility of:
- A. Helping make the diagnosis
 - B. Monitoring the patient's compliance with prescribed medications
 - C. Predicting pending exacerbations
 - 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 online tests and enter answers

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