

## Impacting Morbidity & Mortality in Patients with COPD: Optimal Use of Drug Therapy

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### Learning -Assessment Questions

1. Which of the following parameters is used to classify stages of COPD?
  - a. Residual volume (RV)
  - b. Inspiratory capacity (IC)
  - c. Total lung capacity (TLC)
  - d. Forced expiratory volume in one second (FEV<sub>1</sub>)
  
2. Which of the following medications are appropriate for a patient with stage I (mild) COPD?
  - a. Tiotropium (1 inhalation QD)
  - b. Salmeterol (1 inhalation BID)
  - c. Ipratropium (2 Puff Q4-6 hours PRN)
  - d. Theophylline extended-release (300mg BID)
  
3. Which of the following medications can reduce mortality associated with COPD?
  - a. Albuterol
  - b. Tiotropium
  - c. Ipratropium
  - d. Nicotine Patch
  
4. Which of the following combinations of medications has been shown to reduce exacerbations more than either component alone?
  - a. Albuterol & salmeterol
  - b. Ipratropium & tiotropium
  - c. Tiotropium & salmeterol
  - d. Fluticasone & salmeterol
  
5. Which of the following is a side effect encountered in the Survival / TORCH trial that was seen more frequently in the combination therapy group vs. fluticasone or salmeterol or placebo alone?
  - a. Dry mouth
  - b. Palpitations
  - c. Pneumonia
  - d. Arrhythmias

6. Treatment with an inhaled corticosteroid would be appropriate for which of the following patients?
  - a. A patient with stage I (mild) COPD currently receiving albuterol
  - b. A patient with stage II (moderate) COPD currently receiving albuterol and ipratropium
  - c. A patient with stage II (moderate) COPD currently receiving albuterol and tiotropium
  - d. A patient with stage III (severe) COPD currently receiving ipratropium and salmeterol with repeated exacerbations
  
7. Which of the following agents are effective in treating acute exacerbations of COPD?
  - a. Salmeterol
  - b. Tiotropium
  - c. Inhaled acetylcysteine
  - d. Intravenous corticosteroids
  
8. Which of the following agents has been shown to be more effective than albuterol alone in preventing COPD exacerbations?
  - a. Prednisone
  - b. Ipratropium
  - c. Cefuroxime
  - d. Theophylline
  
9. Which of the following agents, when used in combination with albuterol, exhibits lower rates of exacerbations compared to albuterol alone?
  - a. Albuterol
  - b. Tiotropium
  - c. Salmeterol
  - d. Ipratropium
  
10. Which of the following medications may worsen COPD?
  - a. Losartan
  - b. Sertraline
  - c. Oxycodone
  - d. Hydrochlorothiazide