

# Lippincott Pharmacology 2023

## Lecture 1

A patient with asthma complains of increasing frequency of asthma attacks. He has been using an albuterol inhaler when he has symptoms. However, this is not helping him much lately, and he is suffering from daily asthma symptoms. Which of the following is the most appropriate for management of asthma in this patient?

- A. Add salmeterol
- B. Add oral prednisone
- C. Change albuterol to budesonide/formoterol
- D. Change albuterol to salmeterol

Correct answer = C.

During a dental cleaning, a patient with asthma is noted to have white patches in his oral cavity, which can be easily scraped off.

He states that the lesions appeared after he was started on a new inhaler for controlling his worsening asthma. Which of the following drugs most likely contributed to the symptoms this patient?

- A. Beclomethasone
- B. Cromolyn
- C. Levalbuterol
- D. Zileuton

Correct answer = A.

A 68-year-old man has COPD with moderate airway obstruction. Despite using salmeterol twice daily, he reports continued symptoms of shortness of breath with mild exertion. Which of the following agents is the most appropriate addition to his current therapy?

- A. Systemic corticosteroids
- B. Albuterol
- C. Tiotropium
- D. Roflumilast

Correct answer = C.



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Which of the following therapeutic options for COPD acts by inhibiting phosphodiesterase-4?

- A. Dupilumab
- B. Roflumilast
- C. Salmeterol
- D. Tiotropium

Correct answer = B.

A 22-year-old woman with asthma goes hiking with her friends on a cold, windy day. While hiking, she suddenly experiences difficulty in breathing, dry cough, and chest tightness. Which of the following drugs can provide prompt relief of her symptoms?

- A. Inhaled fluticasone
- B. Inhaled beclomethasone
- C. Inhaled albuterol
- D. Inhaled salmeterol

Correct answer = C. (high yield Q.)