

Content Focus: Administration

Student: deering, conor

**Your ScoreCard: Correct: 0/12 Incorrect: 12/12****What administration considerations apply to codeine, dextromethorphan?**

- Use only on a short-term basis.
- Use the lowest effective dose.
- Use only when needed.

**What administration considerations apply to albuterol?**

- Follow manufacturer's instructions for using delivery devices.
- Use short-acting preparations for acute exacerbations.
- Use long-acting preparations for long-term control.
- Inhale beta2-adrenergic agonists before inhaling glucocorticoids.
- Follow dosage limits and schedules.
- Watch for signs and triggers of impending exacerbations of asthma.
- Keep a log of the frequency and intensity of exacerbations.
- Notify the provider of changes in patterns of exacerbations.

**What administration considerations apply to guaifenesin?**

- Notify provider if cough worsens or high fever develops.
- Use only when needed.
- Do not take with combination products for colds that also contain guaifenesin.
- Do not chew or crush sustained-release formulations.

**What administration considerations apply to diphenhydramine?**

- Do not crush or chew enteric-coated formulations.
- Do not take with alcohol or other CNS depressants.
- Take 30 min to 2 hr before activity for motion sickness.

**What administration considerations apply to beclomethasone dipropionate, fluticasone, and prednisone?****Inhaled:**

- Use on a regular schedule rather than PRN.
- Do not use these drugs for an acute attack.
- When using concurrently with a beta2-adrenergic agonist inhaler, use the beta2 agonist first to dilate the airway before using the glucocorticoid.

**Oral:**

- Use oral therapy twice daily for 5 to 10 days.
- For long-term use (10 days or more), take once daily using alternate-day dosing.
- Taper the dose slowly when symptoms are controlled to establish the lowest possible oral dose.
- Take supplemental doses as needed in times of stress (illness, surgery).

**Nasal:**

- Use a nasal metered-dose spray device.
- Use the full dose initially and taper to the lowest effective dose. Expect the full therapeutic effect to take 2 to 3 weeks.
- Use a nasal decongestant first if the nares are completely blocked.

**What administration considerations apply to ipratropium?**

- Follow manufacturer's instructions for using delivery devices.
- Follow dosage limits and schedules.
- Allow the prescribed time between puffs.
- Delay use of other inhalants for 5 minutes.
- Do not use as an emergency rescue medication.
- Rinse the mouth after use to reduce unpleasant taste.

**What administration considerations apply to montelukast?**

- Schedule montelukast once daily in the evening.
- Available as tablets, chewable tablets, and oral granules.
- Mix oral granules with applesauce, carrots, rice, or ice cream or place directly on the tongue.
- To prevent EIB, take at least 2 hr before exercising and do not repeat the dose for 24 hr.

**What administration considerations apply to cromolyn?**

- Use with a nebulizer or metered-dose inhaler.
- Expect several weeks of use for full effects to become apparent.
- Administer four times daily on a fixed schedule.
- Use the inhaler 15 min before exercising to prevent exercise-induced bronchospasm.
- Do not use to relieve an acute asthma exacerbation.

**What administration considerations apply to theophylline?**

- If a dose is missed, do not double the dose.
- Have the client chew the chewable tablets thoroughly.
- Do not crush or chew sustained-release or enteric-coated preparations.
- Maintain scheduled interval between doses.

**What administration considerations apply to acetylcysteine?**

- Give via nebulizer that does not contain metal or rubber parts or direct instillation into tracheostomy tube.
- Clear the airway before aerosol administration.
- Assess the client's ability to cough before administration.
- Expect a sulfur-like (rotten egg) odor.
- Have suction equipment available.
- Thoroughly clean equipment after treatment

**What administration considerations apply to cetirizine?**

- May take with or without food.
- Do not take with other over-the-counter antihistamines.
- Expect dose to be lower in clients who have compromised renal or liver function.

**What administration considerations apply to phenylephrine?**

- Do not exceed the recommended dose.
- Use topical decongestants no longer than 3 to 5 days to avoid rebound congestion.