

Test yourself about antihistamines

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Choose only one answer:

1. **The following is true about H1 antihistamines?**
 - a) They are H1 receptor antagonists
 - b) They are inverse agonists
 - c) They suppress the late allergic response
 - d) They reach maximum plasma concentrations after 8 hours.
2. **The first-generation H1 antihistamines include all except:**
 - a) Diphenhydramine.
 - b) Chlorpheniramine.
 - c) Clemastine.
 - d) Astemizole.
 - e) Cyproheptadine.
3. **Mark the incorrect statement:**
 - a) First-generation H1 antihistamines are receptor selective
 - b) Terfenadine causes prolonged Q-T intervals and arrhythmias
 - c) H2 antihistamines have longer duration of action
 - d) The bioavailability of fexofenadine may be altered by simultaneous consumption of grapefruit juice
4. **Second-generation antihistamines include all except**
 - a) Cetirizine.
 - b) Desloratadine.
 - c) Fexofenadine.
 - d) Acrivastine.
 - e) Hydroxyzine.
5. **Rare adverse effects of H1 antihistamines include:**
 - a) Seizures.
 - b) Aggression.
 - c) Central anti-cholinergic syndrome.
 - d) Toxic encephalopathy.
 - e) All of the above.
 - f) None of the above.
6. **About intranasal H1-antihistamines:**
 - a) They include levocabastine.
 - b) They have rapid onset of action
 - c) They are useful in children with symptoms limited to the nose.
 - d) All of the above
 - e) None of the above
7. **The following topical medications are used in allergic conjunctivitis except:**
 - a) Azelastine
 - b) Ketotifen
 - c) Azelastine
 - d) Levocabastine
 - e) Olopatadine.
8. **H1-antihistamines in the treatment of anaphylaxis:**
 - a) They are life saving in anaphylaxis.
 - b) They do not prevent or relieve upper airway obstruction, hypotension, or shock.
 - c) The second generation H1 antihistamines are commonly used because they are available in parenteral form.
 - d) All of the above
9. **The indications of H1 antihistamines in idiopathic urticaria are:**
 - a) More than 6 episodes in 12 months.
 - b) Two episodes in 12 months.
 - c) Angioedema once yearly.
 - d) All of the above
10. **Mark the incorrect statement:**
 - a) Proper management of allergic rhinitis is associated with a significant reduction in the risk of hospital admission and/or emergency care due to asthma attacks
 - b) Antihistamines should never be used as monotherapy for asthma
 - c) H1 antihistamines are first-line medications in acute and chronic urticaria
 - d) Relief of itching by H1 antihistamines is often incomplete in atopic dermatitis due to mediators other than histamine.
 - e) Cetirizine and loratadine are not approved for treatments in children below 6 years of age.

(Answers on page 53)