Test yourself in immunotherapy

Ola G. El-Farghali
Lecturer in Pediatrics, Ain Shams University

Choose only one answer:

1. The cells responsible for the early phase allergic reaction after allergen challenge is (are):
   a) Mast cells
   b) Basophils
   c) Neutrophils
   d) a and b
   e) a and c

2. Allergen-specific immunotherapy is most effective specifically against:
   a) Food allergens
   b) Contact allergens
   c) Inhalant allergens
   d) Insect bites
   e) All of the above

3. In cases with seasonal allergies, SIT should be started:
   a) At the beginning of the season
   b) 2-4 weeks before the season
   c) 2-4 months before the season
   d) 6-12 months before the season
   e) At any time even within the season

4. Cluster immunotherapy involves:
   a) Monthly one S.C injection
   b) Visit every 2-4 weeks with one S.C injection per treatment day
   c) Visit every 6-8 weeks with multiple S.C injections per treatment day
   d) Weekly visits with one S.C injection per treatment day
   e) Weekly visits with multiple S.C injections per treatment day

5. Rush immunotherapy is most suitable for patients with:
   a) Venom allergy
   b) Inhalant allergy
   c) Food allergy
   d) a and b
   e) b and c

6. All the statements about treatment of SIT side effects are true except:
   a) An antihistamine can be administered a few hours before each injection
   b) IM Adrenaline is more effective when administered late in an evolving systemic reaction
   c) Local reactions may be left untreated
   d) IV hydrocortisone and/or antihistamine can be administered in cases with moderate asthma, urticaria or angioedema.
   e) Inhaled bronchodilators can be used in cases who mild develop asthma

7. Dosage reduction according to standard guidelines should be performed in all of the following conditions except:
   a) Previous systemic reaction
   b) Previous large local reaction
   c) Increased allergen exposure
   d) Extended interval from last injection
   e) Shorter time passed after previous visit

(Answers on page 122)