CPD QUESTIONNAIRE

Earn 3 CPD points after you have read the journal by completing the following questionnaire online on the ALLSA website at www.allergysa.org. To earn points you need to log in to the member section to access the questionnaire (contact ALLSA office if you do not know your user name and password). There is only one correct answer and you will have only two opportunities to submit the questionnaire, so please check answers carefully. A pass of 70% or higher is required to gain 3 points. This CPD activity is for ALLSA members only.

REACTIONS TO FOOD ADDITIVES
1. True or False: Children with other allergies are more likely to have hypersensitivity to food additives than the general population.
2. True or False: Synthetic colourants are more frequently implicated in IgE mediated anaphylaxis than natural colourants.
3. True or False: Skin prick tests are useful in confirming the diagnosis of a food additive hypersensitivity.
4. Choose the correct answer: Chinese Restaurant Syndrome
   a. Is caused by ingesting a large amount of tartrazine;
   b. Is characterised by headache, flushing, palpitations and neck pain;
   c. Symptoms may persist for 24 hours;
   d. Symptoms should be treated with antihistamines.

REACTION TO CHEMOTHERAPY
5. True or False: Asparaginase converts serum asparagine to aspartate and ammonia therefore depriving leukemic cells of an essential amino acids needed for multiplication.
6. True or False: Alternatives to aparaginase are freely available at an equivalent cost.
7. True or False: Premedication for asparaginase allergy is more effective than immunotherapy.
8. Choose the correct answer: Reactions to asparaginase include
   a. IgE mediated anaphylaxis;
   b. Side effects such as nausea and vomiting;
   c. Toxicity such as coagulation abnormalities;
   d. All of the above.

LIFE-THREATENING ASTHMA
9. True or False: Applying external PEEP in children with acute severe asthma is contra-indicated, as they have high intrinsic PEEP.
10. True or False: Ketamine is the ideal drug for intubating children with life threatening asthma, as it has some bronchodilator effect.
11. True or False: Children with life threatening asthma should be ventilated with high respiratory rates to normalize arterial pCO2.
12. Choose the incorrect statement regarding acute severe asthma in children:
    a. Non-invasive ventilation is an appropriate strategy to reduce the work of breathing;
    b. Sedation may be required for anxious children when using non-invasive ventilation;
    c. High peak inspiratory pressures during mechanical ventilation may cause barotrauma;
    d. The majority of children who require invasive mechanical ventilation are likely to die;
    e. A cuffed endotracheal tube is preferable when intubation is required.

ASTHMA IN THE EMERGENCY DEPARTMENT
13. True or False: Up to one in every five patients represent with an acute asthmatic attack after initial discharge from the emergency department (ED).
14. True or False: Long-term inhaled corticosteroid therapy has been associated with lower frequencies of acute asthma exacerbations and a decrease in ED visits.
15. True or False: Written action plans should not be discussed with patients prior to discharge after an acute asthmatic attack.
16. Choose the correct statement: Which one of the following interventions decreases the frequency of ED representation after discharge from an acute asthmatic exacerbation?
    a. Education regarding the importance of compliance.
    b. Evaluation for correct technique with inhaler devices.
    c. Treatment of co-morbid rhinitis, gastro-oesophageal reflux and obesity.
    d. Scheduling an appointment at an asthma clinic prior to discharge.
    e. All of the above.

ALLERGIC REACTIONS RELATED TO BENZALKONIUM CHLORIDE
17. True or False: The adverse reactions caused by Benzalkonium chloride are only immune mediated.
18. True or False: The hydrophobic and cationic groups of benzalkonium chloride are responsible for its antimicrobial activity.
19. True or False: Benzalkonium chloride bronchoconstrictive effect has a faster onset and is seven times stronger than histamine.
20. Choose the correct statement: Benzalkonium chloride has been implicated in all the following except
    a. Bronchoconstriction
    b. Anaphylaxis
    c. Irritant and allergic contact dermatitis
    d. Eosinophilic oesophagitis
    e. Ciliostasis and reduced transport.