



CME POST-TEST

All post-tests must be completed and submitted online.

EXPIRATION DATE: SEPTEMBER 2021

Earn Category I CME Credit by reading both CME articles in this issue, reviewing the post-test, then taking the online test at <http://cme.aapa.org>. Successful completion is defined as a cumulative score of at least 70% correct. This material has been reviewed and is approved for 1 hour of clinical Category I (Preapproved) CME credit by the AAPA.

BRONCHIOLITIS

1. Which of the following represents the most common cause of bronchiolitis?
 - a. *Mycoplasma pneumoniae* infection
 - b. autoimmune activation
 - c. influenza infection
 - d. RSV infection
2. Which factor puts a patient with bronchiolitis at high risk for apnea?
 - a. birth weight greater than 5 kg
 - b. respiratory rate greater than 30 at presentation
 - c. corrected age of less than 2 weeks
 - d. SpO₂ of 92% at presentation
3. Which of the following represents a risk factor for severe bronchiolitis?
 - a. female sex
 - b. exposure to secondhand smoke
 - c. family history of heart disease
 - d. advanced maternal age
4. Which of the following represents an appropriate step in the management of bronchiolitis?
 - a. serial chest radiographs
 - b. nebulized epinephrine
 - c. chest physiotherapy
 - d. supplemental oxygen
5. Which intervention is appropriate for the prevention of bronchiolitis in high-risk patients?
 - a. prophylactic macrolide antibiotics
 - b. prophylactic palivizumab
 - c. prophylactic low-dose corticosteroids
 - d. prophylactic methotrexate

IMMUNOCOMPROMISE AND INFECTION

6. Patients with actual or functional asplenia may be particularly vulnerable to which type of pathogen?
 - a. encapsulated organisms such as *Streptococcus pneumoniae*
 - b. viruses such as herpes simplex
 - c. fungal organisms such as *Candida* species
 - d. Gram-negative organisms such as *Pseudomonas aeruginosa*
7. Which opportunistic infection is most likely to occur in a patient with HIV and a CD4 count greater than 500 cells/mm³?
 - a. *Candida* pharyngitis
 - b. *P. jiroveci* pneumonia
 - c. TB
 - d. CMV esophagitis
8. Which of the following is the most common cause of fever in the intermediate post-transplant period (1 to 6 months) in patients who have had a solid organ transplant?
 - a. invasive fungal infections
 - b. viral illnesses
 - c. Gram-positive bacterial infections
 - d. Gram-negative bacterial infections
9. Before starting treatment with a biologic agent, patients with autoimmune disorders should be screened for which of the following?
 - a. hepatitis A
 - b. hepatitis B and C
 - c. HPV
 - d. MRSA colonization
10. Patients with cancer are considered at high risk for infection when their neutrophil count falls below what threshold for which duration?
 - a. less than 2,000 for less than 24 hours
 - b. less than 500 for less than 24 hours
 - c. less than 2,000 for more than 7 days
 - d. less than 500 for more than 7 days