

## CPN Review Hematology Immunology Study Questions

1. As you discuss nutritional guidelines with the family of an infant, you would include all of the following instructions **EXCEPT**:
  - a. Introduce whole milk at age 9 months
  - b. Begin iron fortified solids at age 6 months
  - c. Give multivitamins with iron at age 6 months
  - d. Encourage breast feeding for the first 12 months of life
  
2. Jasmine is a 12 month old with iron-deficiency anemia. Which of the following statements made by her mother indicates the need for further education regarding iron-deficiency anemia?
  - a. "I should give her the iron vitamin drops with some orange juice."
  - b. "I can tell if she is getting enough iron when her stool turns dark green or black."
  - c. "An extra bottle of milk a day should give her enough extra iron."
  - d. "I have a list of iron-rich foods that I should start feeding her."
  
3. Isaac is 12 month old with Sickle Cell Disease, who was admitted yesterday with swelling of his hands and feet. Which of the following assessments are the **most concerning** and deserving of immediate follow-up?
  - a. A heart rate of 120 with murmur
  - b. A temperature of 101.5
  - c. Pain in his hands and feet
  - d. Pale lips and nailbeds
  
4. You are providing anticipatory guidance to the parents of a 9 year old with Sickle Cell Disease. Which of the following statements is **NOT** true?
  - a. Good hydration and avoidance of temperature extremes may help prevent a vaso-occlusive crisis.
  - b. A fever of 101.5 or higher requires immediate medical attention.
  - c. A distended belly and sudden pallor or fatigue should be reported immediately to the health care team.
  - d. A cough and chest pain can be managed at home with prophylactic antibiotics.
  
5. The following statements are true regarding the management of Sickle Cell Disease (SCD) **except**:
  - a. Patients with SCD manage painful VOC with aspirin and the application of ice packs.
  - b. Patients with SCD require daily penicillin prophylaxis to prevent bacterial infections.
  - c. Patients with SCD who receive chronic transfusions require chelation therapy to prevent iron overload.
  - d. Patients with SCD are at greater risk of stroke and developmental delay due to intracranial blood vessel damage
  
6. You are providing anticipatory guidance to the parents of a 5 year old child with Thalassemia. Which of the following statements made by the mother **DOES NOT** indicate a clear understanding of disease management?
  - a. "My son may need a transfusion if he is very pale and short of breath."
  - b. "My son will need regular transfusions to replace his red blood cells."
  - c. "My son should not play contact sports."
  - d. "My son takes Desferol and Vitamin C to help his body get rid of iron."
  
7. Ten year old Nick has been diagnosed with Idiopathic Thrombocytopenia Purpura (ITP). Which of the following is appropriate anticipatory guidance information for his parents?
  - a. The diagnosis of ITP will require Nick to receive regular platelet transfusions.
  - b. Nick cannot participate in any contact sports at this time.
  - c. Nick should receive ibuprofen, not aspirin, when he has pain or fever.
  - d. All of the above

8. Which of the following statements about the treatment of ITP is **not true**?
  - a. Prevention of trauma and bleeding are important treatment interventions.
  - b. Prednisone and IVIG may be given to suppress immune system destruction of platelets.
  - c. Splenectomy may be indicated in cases of chronic ITP unresponsive to other treatments.
  - d. ITP is an X-linked inherited condition that requires life-long Factor replacement.
  
9. You are providing anticipatory guidance to the parents of a 12 year old boy named Pete who has been diagnosed with Hemophilia A of moderate severity. Which of the following statements made by his father indicates a need for further education?
  - a. "Pete can play in next week's soccer game after we give him Factor VIII at home."
  - b. "We all need to pay attention to any joint pain or swelling that Pete has."
  - c. "Pete should receive Tylenol, not ibuprofen or aspirin, for pain or fevers."
  - d. "Pete and I are going to learn to put in an IV and give Factor VIII at home."
  
10. Which of the following statements is true regarding the management of patients with vonWillebrand Disease?
  - a. DDAVP is used if manual pressure is not effective in controlling nosebleeds.
  - b. DDAVP is used by adolescent girls to prevent excessive menstrual bleeding.
  - c. Humate-P is used to replace vonWillebrand factor and Factor VIII.
  - d. All of the above
  
11. A 23 year old pregnant female has just learned that she is HIV-positive. Which of the following statements is true regarding perinatal transmission of HIV?
  - a. Perinatal transmission of HIV infection is the most common cause of pediatric HIV/AIDS.
  - b. Prenatal use of AZT by pregnant HIV-positive women can significantly reduce the risk of HIV transmission.
  - c. Infants born to HIV-positive mothers receive AZT beginning at birth, to reduce the risk of viral progression
  - d. All of the above.

CPN Review  
Hematology Immunology Study Answers

1. A

2. C

3. B

4. D

5. A

6. C

7. B

8. D

9. A

10. D

11. D