

# The Ochsner Journal

## Continuing Medical Education

### CME QUESTIONS VOLUME 12, NO. 3

This section provides a review. Mark each statement (circle the correct answer) according to the factual material contained in this issue and the opinions of the authors. A score of 70% per article is required to qualify for CME credit.

#### Diffuse Pontine Astrocytoma With Lipocytic Differentiation

1. Lipocytic differentiation in an astrocytic tumor worsens the prognosis.  
*True or False*
2. What brain tumors can show lipocytic differentiation?
  - a. Cerebellar neurolipocytoma
  - b. Medulloblastoma
  - c. Glioblastoma
  - d. Ependymomas
  - e. All of the above
3. Most pontine tumors in children are
  - a. ependymomas.
  - b. high-grade diffuse gliomas.
  - c. low-grade diffuse gliomas.
  - d. pilocytic astrocytomas.
  - e. lipoastrocytomas.

#### Managing Infection in Cancer Patients and Other Immunocompromised Children

1. Which of the following infectious agents can be transmitted in blood products?
  - a. *Brucella* sp
  - b. Epstein-Barr virus
  - c. *Salmonella* sp
  - d. *Toxoplasma gondii*
  - e. All of the above
2. The most common organism causing infection in splenectomized patients is
  - a. meningococcus.
  - b. *Babesia microti*.
  - c. nontypable *H influenzae*.
  - d. pneumococcus.
  - e. cytomegalovirus.
3. Preferred initial empiric monotherapy for high-risk febrile neutropenic patients is
  - a. vancomycin.
  - b. linezolid.
  - c. cefepime.
  - d. ceftriaxone.
  - e. ciprofloxacin.
4. Candidemia in stable neutropenic patients should be treated with
  - a. fluconazole.
  - b. amphotericin B.
  - c. liposomal amphotericin B.
  - d. voriconazole.
  - e. micafungin or caspofungin.

#### Psychosocial Issues in Pediatric Oncology

1. Psychosocial treatment issues for the adolescent young adult cancer population have been standardized and have treatment guidelines available.  
*True or False*
2. The psychosocial issues of pediatric oncology (choose all that are correct)
  - a. do not differ from those of other chronic illnesses.
  - b. are dramatically different from those of other chronic illnesses.
  - c. may have a social stigma attached that differentiates them from treatment issues related to other chronic illnesses.
  - d. are dependent on the child's developmental status.
  - e. are C & D.
3. The psychosocial reaction based on the disease site (osteosarcoma, brain, or hematologic) will vary depending on
  - a. age.
  - b. cognitive development.
  - c. family functioning.
  - d. all of the above.
  - e. A & C.

#### Myelodysplastic Syndromes in Children: Where Are We Today?

1. For childhood myelodysplastic syndrome (MDS), the annual incidence in quoted studies, the average age, and the average sex incidence are
  - a. 1-4/million, 6.8 years, and 1:1.
  - b. 12/million, <1 year, 1:2.
  - c. 9/million, 2-5 years, 3:1.
  - d. none of the above.
2. The most common cytogenetic abnormality in childhood MDS is
  - a. trisomy 21.
  - b. trisomy 8.
  - c. monosomy 7.
  - d. 5q deletion.
3. The current treatment of choice in childhood MDS is
  - a. high-dose chemotherapy.
  - b. radiation and chemotherapy.
  - c. stem cell transplant.
  - d. surgery.

#### Diagnostic and Therapeutic Challenges of Intracranial Hemorrhage in Neonates With Congenital Hemophilia: A Case Report and Review

1. Severe hemophilia A is defined as a circulating factor
  - a. <5%.
  - b. <0.5%.
  - c. <3%.
  - d. >5%.

(Questions continue on opposite side)

(Questions continued from opposite side)

2. Intracranial hemorrhage (ICH) in neonates with hemophilia should be treated by
- a. infusing factor concentrate after a computed tomography scan has confirmed the diagnosis.
  - b. infusing fresh frozen plasma or cryoprecipitate as soon as the diagnosis of ICH is suspected and prior to any labs or scans.
  - c. infusing factor concentrate as soon as the diagnosis is suspected and prior to any labs or scans.
  - d. all of the above.

3. ICH in neonates with hemophilia is most often caused by
- a. sneezing.
  - b. fever.
  - c. birth trauma.
  - d. all of the above.

## The Ochsner Journal CME CREDIT APPLICATION FORM

MD  DO  Other (specify) \_\_\_\_\_

Specialty: \_\_\_\_\_

Name: \_\_\_\_\_

Business Address: \_\_\_\_\_

City: \_\_\_\_\_

County: \_\_\_\_\_ State: \_\_\_\_\_ ZIP: \_\_\_\_\_

Daytime Phone: \_\_\_\_\_ Fax Number: \_\_\_\_\_

Email Address: \_\_\_\_\_

Hospital Affiliation: \_\_\_\_\_

The Ochsner Clinic Foundation is required to file information for recordkeeping regarding awarding of CME credits. Please send your completed CME credit application form, test questionnaire, and evaluation form to Continuing Medical Education, Ochsner Clinic Foundation, 1514 Jefferson Highway, New Orleans, LA 70121.

### VERIFICATION OF ATTENDANCE

The maximum number of credits awarded for this activity is 5 *AMA PRA Category 1 credits*<sup>TM</sup>.

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Date

### EVALUATION

Your response to these questions helps us to enhance our CME offerings. Please take the time to respond and return the evaluation. Thank you.

Please use the following codes to answer items 1-7.

- SA** – Strongly Agree
- A** – Agree
- U** – Undecided
- D** – Disagree
- SD** – Strongly Disagree

1. The objectives of the CME activity were clearly stated.  
**SA A U D SD**
2. The content of the journal articles was up-to-date.  
**SA A U D SD**
3. The journal articles illustrated independence, objectivity, balance, and scientific rigor.  
**SA A U D SD**
4. The content was closely related to objectives of my clinical practice and/or teaching.  
**SA A U D SD**

5. The journal articles increased my knowledge of the subject.  
**SA A U D SD**
6. The content of the journal articles met my personal expectation and needs.  
**SA A U D SD**
7. I will apply the information learned from these journal articles in my clinical practice.  
**SA A U D SD**

Do you have any suggestions as to how to improve the content of the journal articles?  
\_\_\_\_\_

What topics would you like to see in future journal articles?  
\_\_\_\_\_

Thank you for completing this evaluation and survey.