1. Anemia in the critical care patient is:
   a. present in 15 percent of all patients when admitted to ICU
   b. most common in those who have GI bleeds
   c. persistent in the ICU if the patient was admitted with the problem
   d. easy to treat if the patient is transfused aggressively early on admission

2. Kwame (2008) documented critical care patients have how much of blood loss from daily phlebotomies:
   a. 22 mL
   b. 41 mL
   c. 65 mL
   d. 85 mL

3. Which of the following causes of red blood cell destruction is an intrinsic factor?
   a. defect in RBC as in sickle cell disease
   b. rapid infusions of hypotonic solutions
   c. trauma from intraaortic balloon pumps
   d. drugs such as penicillin and sulfa

4. The most common reason for a critically ill patient to have leukocytosis and neutropenia concurrently is:
   a. infection
   b. cardiac stress
   c. hypoxia
   d. polycythemia

5. Patients receiving glucocorticosteroid therapy usually present with:
   a. neutropenia
   b. leukocytosis
   c. agranulocytosis
   d. polyneuropathy

6. The life span of an RBC is:
   a. 10 days
   b. 120 days
   c. 180 days
   d. infection

7. The diagnosis of heparin-induced thrombocytopenia (HIT) is difficult to make because:
   a. there are few clinical markers
   b. there are no specific diagnostic tests
   c. it occurs at different times in different patients
   d. the condition only occurs in elderly patients

8. When a critically ill patient is diagnosed with disseminated intravascular coagulation (DIC), what is the cause of death?
   a. hemorrhage
   b. coagulation
   c. hypoxia
   d. infection

9. The diagnosis of heparin-induced thrombocytopenia (HIT) is difficult to make because:
   a. there are few clinical markers
   b. there are no specific diagnostic tests
   c. it occurs at different times in different patients
   d. the condition only occurs in elderly patients

10. The life span of an RBC is:
    a. < 10 hours
    b. 12 hours
    c. 24 hours
    d. 120 days

11. When a patient hemorrhages, the kidneys put out increased amounts of erythropoietin to stimulate production of RBCs for how long?
    a. 4 hours
    b. 16 hours
    c. 3 days
    d. until the problem is corrected if the kidneys are healthy

Hematologic Complications of Critical Illness
Earn 1.5 Contact Hours NOW!

Evaluation

1. I can describe anemia of critical illness.
   a. strongly agree
   b. agree
   c. neutral
   d. disagree
   e. strongly disagree

2. I can describe neutropenia in critically ill patients.
   a. strongly agree
   b. agree
   c. neutral
   d. disagree
   e. strongly disagree

3. I can describe thrombocytopenia in critically ill patients.
   a. strongly agree
   b. agree
   c. neutral
   d. disagree
   e. strongly disagree

4. The objectives relate to the overall goal of the article.
   a. strongly agree
   b. agree
   c. neutral
   d. disagree
   e. strongly disagree

5. The article is well-written and logically organized, and defines terms adequately.
   a. strongly agree
   b. agree
   c. neutral
   d. disagree
   e. strongly disagree

Registration/Answer Form #922

Before Sept. 20, 2012, print this page, complete the multiple choice questions by circling the correct answer and mail or fax to: ADVANCE for Nurses, Learning Scope, 2900 Horizon Dr., King of Prussia, PA 19406; 610-278-1426.

CUSTOMER INFORMATION
For accuracy, please print clearly. (YOU)

Name:
City:
State:
Zip:
Daytime Phone:
E-mail Address:
Expiring Date:
Credit Card No.:
Payment Method:
Licence No. (FL required):
+American Express
+VISA
+MasterCard
+Discover
+PAYMENT $8
[ ] YES! I am a Nurse, sign me up!
[ ] I prefer to receive a PRINT SUBSCRIPTION.
[ ] I prefer to receive the DIGITAL EDITION. (e-mail address required below)
[ ] I prefer to receive BOTH a print and digital edition. (e-mail address required below)
Date:
Signature (required):

THIS OFFERING EXPIRES IN 2 YEARS:
SEPT. 20, 2012

Keep ADVANCE Coming!

This may be only a trial copy or it may be time to renew. You won’t continue to receive ADVANCE for Nurses unless you contact us for your FREE subscription.

[ ] YES! I am a Nurse, sign me up!
[ ] I prefer to receive a PRINT SUBSCRIPTION.
[ ] I prefer to receive the DIGITAL EDITION. (e-mail address required below)
[ ] I prefer to receive BOTH a print and digital edition. (e-mail address required below)

Date:
Signature (required):

E-mail:

JOB TITLE that best describes your position (fill in just one circle completely)

RN
[ ] Director of Nursing
[ ] Nurse Administrator
[ ] Staff Development
[ ] Nursing School Student
[ ] LPN
[ ] Manager/Supervisor
[ ] Nursing Faculty
[ ] Staff Nurse
[ ] Program Director

LPN
[ ] Director of Nursing
[ ] Nurse Administrator
[ ] Staff Development
[ ] Nursing School Student

PRACTICE SETTING that best describes your setting (fill in just one circle completely)

[ ] Cardiac
[ ] ICU
[ ] Critical Care
[ ] Oncology
[ ] Dermatology
[ ] Trauma
[ ] Education
[ ] GI/UP
[ ] Burn/Surgical
[ ] Neurology
[ ] Urology
[ ] Home Health
[ ] Hospice
[ ] Infection Control
[ ] Emergency
[ ] M Therapy
[ ] Managed Care
[ ] Managerial
[ ] Administrative
[ ] Maternal/Child
[ ] Med/Surg
[ ] Respiratory Therapy
[ ] Rehabilitation
[ ] Physical Therapy
[ ] Occupational Therapy
[ ] Social Work
[ ] Counseling
[ ] Behavioral Health
[ ] Social Work
[ ] Clinical Psychology
[ ] Public Health
[ ] Public Administration
[ ] Psychological
[ ] Public Health
[ ] Public Administration
[ ] Psychological