

# Diagnosing & Managing Sepsis Syndrome: The Emerging Role of Bedside Analyte Testing UPDATE

Release Date: 4/09/2014  
Expiration Date: 4/09/2016  
Maximum Credit Hours: 1.0

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Select one answer for each of the following questions unless otherwise noted.

- According to the ACCP/SCCM consensus conference guidelines, sepsis is a systemic response to infection that is manifested by three or more SIRS criteria as a result of an infection.**

- ☐ a. True
- ☐ b. False

**2. Sepsis symptoms may include all of the following except:**

- ☐ a. Rapid breathing
- ☐ b. Changes in body temperature
- ☐ c. Slow pulse
- ☐ d. Change in mental status
- ☐ e. Nausea and vomiting

**3. Sepsis remains the leading cause of death in critically ill patients in the United States.**

- ☐ a. True
- ☐ b. False

**4. Which of the following is true regarding sepsis mortality rate?**

- ☐ a. 40-80%
- ☐ b. 30-60%
- ☐ c. 20-50%
- ☐ d. 10-20%

**5. Biomarkers used for assessing and diagnosing sepsis include:**

- ☐ a. Procalcitonin (PCT)
- ☐ b. Lactate
- ☐ c. sCD163
- ☐ d. All of the above

**6. Which of the following biomarkers has been shown to accurately correlate with a diagnosis in sepsis?**

- ☐ a. Interleukin
- ☐ b. Procalcitonin (PCT)
- ☐ c. C-reactive protein (CRP)
- ☐ d. Procoagulant factors

**7. The Sepsis Resuscitation Bundle advises which of the following?**

- ☐ a. Obtain blood cultures after starting antibiotics.
- ☐ b. Administer broad-spectrum antibiotics within 2 hours.
- ☐ c. Measure serum lactate within 3 hours
- ☐ d. All of the above

**8. The 2012 Sepsis Guideline update recommends which of the following?**

- ☐ a. Draw cultures percutaneously and through each vascular access device
- ☐ b. Empiric antimicrobial therapy should be started within 3 hours after recognition of septic shock
- ☐ c. Empiric combination therapy should be administered for greater than 3-5 days
- ☐ d. Suspect bacterial right away

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**Course Evaluation**

Using the subsequent scale, please answer the following evaluation questions:

5 = strongly agree      4 = agree      3 = uncertain      2 = disagree      1 = strongly disagree

- \_\_\_\_\_ The information was clear and to the point.
- \_\_\_\_\_ The material met my educational objectives.
- \_\_\_\_\_ The information provided will be useful in my practice.
- \_\_\_\_\_ The education was free of commercial bias.

Please provide input as to the most useful information shared and any suggestions regarding future topics of interest:

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Comments:

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