

## TRAINING MODULE FOR STANDING ORDER SEPSIS POST TEST- ANSWER SHEET

NAME: \_\_\_\_\_ AGENCY: \_\_\_\_\_ DATE: \_\_\_\_\_

1. Per the SAEMS Sepsis Standing Order, what is the correct amount of fluid bolus for a patient that you suspect sepsis?
  - a. 10ml/kg
  - b. 40ml/kg
  - c. 75ml/kg
  - d. 20ml/kg
  
2. EtCO<sub>2</sub> is another diagnostic tool to identify sepsis because
  - a. As lactate levels rise in septic patients, EtCO<sub>2</sub> levels drop
  - b. EtCO<sub>2</sub> is a good indicator that fluid resuscitation is working
  - c. EtCO<sub>2</sub> helps the hospital decide what antibiotics are appropriate to use on a septic patient
  
3. Early goal directed therapy (EGDT) involves structured interventions that include IV fluids, vasopressors, steroids and antibiotic administration to the patient in time sensitive intervals
  - a. True
  - b. False
  
4. What are SIRS criteria?
  - a. Fever of more than 100.4F or less than 96.8F
  - b. Heart rate of more than 90 bpm
  - c. Respiratory rate of more than 20 bpm or ETCO<sub>2</sub> < 32mmHg
  - d. All of the above
  
5. What is the definition of MAP
  - a. Mean atrium pressure which help diagnose cardiac output
  - b. Mean arterial pressure which gives a better representation of overall perfusion to the vital organs of the body
  - c. Mean arterial perfusion which help diagnose ejection fraction of the heart

6. EMS is not essential in the reduction of treatment delays and cannot improve early goal directed therapy for sepsis patients
  - a. True
  - b. False
  
7. You should consider sepsis in a patient with a history of or has current symptoms of
  - a. Pneumonia
  - b. Urinary tract infection
  - c. Indwelling device
  - d. Abdominal pain
  - e. All of the above
  
8. You should suspect sepsis anytime there is a change in mental status, vital signs or urinary output
  - a. True
  - b. False
  
9. Only elderly and pediatric patients can get sepsis
  - a. True
  - b. False
  
10. Early recognition and treatment of sepsis can reduce mortality rates by
  - a. 8%
  - b. 30%
  - c. 50%
  - d. 60%
  
11. The goal of fluid resuscitation is to
  - a. Lower the serum lactate levels
  - b. Get enough fluid in the vasculature to increase the blood pressure enough to perfuse the vital organs
  - c. To help increase EtCO<sub>2</sub>
  
12. A 35 year old female calls 911 for lower abdominal pain. She has recently been diagnosed with an UTI and has taken her full prescription of antibiotics. She is pale and diaphoretic, HR is 115, Blood pressure 91/40 and respiratory rate is 30. Does this patient meet sepsis criteria?
  - a. Yes
  - b. No

13. The wife of a 72 year old male calls 911. He has been complaining of shortness of breath, cough and fever for the last 2 days. This morning when he woke up, the patient was confused and pale. The wife stated he did not urinate this morning. His vital signs are BP of 72/30, HR of 130, respiratory rate of 30, Temp of 101.2 F, MAP = 45 and EtCO<sub>2</sub> of 25 mm Hg. Does this patient meet the sepsis criteria?

a. Yes

b. No