

**SOUTH PLAINS  
EMERGENCY MEDICAL  
SERVICES**

**PRE-HOSPITAL  
TREATMENT  
PROTOCOL  
EXAM**

**EMERGENCY CARE ATTENDANT  
(ECA)  
FEBRUARY 2010**

***\*Minimum Passing Grade is 80%\****

**2010**  
**ECA**  
Protocol Exam

1. It is acceptable to run multiple protocols, simultaneously, on the same patient.
  - A. True, only with on-line medical direction
  - B. True, with cognizance of cumulative or contradicting medications
  - C. True, only when patient is complaining of chest pain and shortness of breath
  - D. False
  
2. In order for a BLS service to carry subcutaneous Epinephrine, instead of the Epi Auto-Injectors, each service must show:
  - A. That all active ECA's, EMT's, and Intermediates are appropriately trained on SQ injections and the Allergic Reaction Protocol
  - B. That carrying the Epi Auto-Injectors would put a financial hardship on the service
  - C. That each unit has ALS capabilities
  - D. Both a and b are correct
  
3. A newborn is pink with blue extremities, has a pulse of 94, grimaces with suctioning, actively moves, and has slow respirations. The APGAR score is:
  - A. 5
  - B. 6
  - C. 7
  - D. 8
  
4. When a patient is hypothermic, you should actively rewarm the patient as soon as possible.
  - A. True
  - B. False
  
5. Which of the following form(s) of a TDSHS out of hospital DNR may NOT be accepted by EMS?
  - A. The original paper document
  - B. A copy of the paper document
  - C. A plastic or stainless steel bracelet with the official TDSHS DNR logo
  - D. All may be accepted
  
6. You respond to a youth football game for an injured player who was unconscious for a brief period of time prior to your arrival. You notice that the helmet fits too loose and needs to be removed. Which of the following statements is correct?
  - A. Remove the facemask first then the helmet
  - B. Remove the helmet first then the shoulder pads
  - C. Remove the helmet and shoulder pads simultaneously
  - D. Remove the shoulder pads first and then the helmet
  
7. Which of the following minors **cannot** legally refuse transport and sign the refusal form?
  - A. A 15 year old female who is pregnant
  - B. A 16 year old who is emancipated from his/her parents
  - C. A 17 year old who is on active duty with the US Army
  - D. A 17 year old whose parents are away on vacation
  
8. If an SAED is configured to the 2005 AHA Guidelines, how many shocks will an adult patient, in cardiac arrest, initially received?
  - A. 1
  - B. 2
  - C. 3
  - D. 4
  
9. A positive "tilt" test refers to:
  - A. Pulse decrease of 20/minute between lying and standing
  - B. Systolic BP decrease of 20 mm Hg between lying and standing
  - C. Increase in pulse of 20/min between lying and standing
  - D. Either B or C
  
10. The ResQPOD device is indicated for which type of patient?
  - A. Pediatric patients with severe dyspnea
  - B. Adult patients in cardiac arrest
  - C. Adult patients in respiratory arrest
  - D. Both B and C

11. Which of the following statements about Celox is INCORRECT?
- It is a hemostatic agent that is used to assist in bleeding control
  - It is optional for the current protocols
  - It eliminates the need for direct pressure after application
  - Detailed instructions are printed on the package
12. Which of the following devices may be used by an ECA for airway management?
- Oropharyngeal airway or nasopharyngeal airway
  - Combi-tube or King airway
  - Nasogastric tube
  - Any/all of the above
13. Which of the following should be considered in all near drowning patients?
- Consider spinal cord trauma
  - All near drowning patients should be transported to an ER regardless of how good the patient looks
  - Air transport should be considered to expedite patient's arrival at the hospital
  - All of the above are correct
14. You are transporting an 85-year-old female to UMC with respiratory distress. She has a long-standing history of COPD and cardiac problems. She has a TDSHS Out of Hospital DNR and there is no reason to dispute the DNR. While administering oxygen, the patient suddenly goes unresponsive and her breathing slows to 8 breaths per minute. She is now cyanotic and her pulse ox shows 78%. The patient still has a gag reflex and a carotid pulse is present but weak. You should:
- Administer palliative care only since the patient has a valid DNR
  - Perform aggressive CPR
  - Assist ventilations with a BVM since the DNR is not effective until the cessation of spontaneous respirations and/or pulses
  - Contact medical control for further instructions
15. The patient is a 14-year-old female who is complaining of nausea, vomiting, and diarrhea x 8 hours. She has weak radial pulses with a rate of 116. Her skin is pale and warm. BP in the supine position is 110/70. When you attempt to perform the tilt test, she complains that she feels dizzy and that her vision is blurry. You should:
- Administer oxygen; do a head to toe survey; and contact medical control
  - Administer oxygen; begin rapid transport; request paramedic back-up; do a head to toe survey
  - Administer oxygen; apply and inflate MAST; begin rapid transport; contact medical control
  - Tell the patient to "hang in there" and complete the tilt test since you must have the vital signs to continue
16. Which of the following treatments of burns is NOT correct?
- Estimate burn depth and percentage of burn
  - Cover burns with a moist, sterile dressing
  - Request Paramedic backup
  - Consider air medical transport for critical burns
17. You are called out in the country for a person with a snakebite. Upon arrival, you find an 18-year-old male with a rattlesnake bite to his right lower leg. Massive swelling is noted. You should do all of the following EXCEPT:
- Apply ice to the bite site
  - Zero elevation of the right leg
  - Give patient BLS supportive measures
  - Maintain leg at heart level
18. A 16-year-old male is involved in a one-car rollover. He denies any pain or injuries. His vital signs are normal and the exam shows no obvious injuries. He tells you that he lives at home with his parents. He also tells you that he does NOT want to be transported to the hospital. You are unable to reach his parents or other responsible relative. What should you do with this patient first?
- Contact medical control and law enforcement for assistance
  - Allow the patient to sign a refusal form
  - Have law enforcement transport the patient to the hospital in a patrol car
  - Forcibly restrain the patient on a backboard and transport to the hospital

19. Within the protocols, if a piece of equipment is listed as “(recommended)”, this means:
- A. That these items are recommended and encouraged for this Protocol version
  - B. That these items will be recommended on the next Protocol version
  - C. That these items will be mandatory on the next Protocol version
  - D. Both A and C
20. What is the pediatric dose of Epinephrine 1:1,000 is given via subcutaneous injection?
- A. 0.15mg
  - B. 0.01mg/kg to a max of 0.15mg
  - C. 0.1mg/kg to a max of 0.15mg
  - D. 0.01mg/kg to a max of 0.3mg

**\*\*END OF EXAMINATION\*\***