



*UPMC Trauma Rounds Summer 2010*  
Prehospital Continuing Education Test (*Expires 7/1/2011*)

When finished, date the test and mail to:

UPMC Prehospital Care  
Forbes Tower Suite 10018  
200 Lothrop St.  
Pittsburgh, PA 15213

*or*

fax to: 412-647-1111

*or*

email to: [mccoydj@upmc.edu](mailto:mccoydj@upmc.edu)

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

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

Date of test: \_\_\_\_\_

Level of state certification (circle one):

- A. First Responder
- B. EMT-B
- C. EMT-P
- D. PHRN

State certification number: \_\_\_\_\_

PLEASE PRINT – If NOT legible and complete, you will NOT receive Con Ed.

Questions: *Circle one answer for each.*

- 1) Which of the following specific factors increase risk for heat-related illness?
  - a) extremes in age
  - b) amount of exposure and exertion
  - c) medical conditions
  - d) drugs and toxins (such as diuretics or stimulants, both prescribed and recreational)
  - e) all of the above

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- 2) Heat syncope is caused by cardiac insufficiency.
  - a) true
  - b) false
  
- 3) Heat stroke is a severe overwhelming decompensation with a short onset, usually caused by significant exposure or activity, and is characterized by which of the following classic triad of findings?
  - a) hyperthermia greater than 101 degrees F, anhydrosis (absent sweating), and CNS disturbance
  - b) gradual onset of weakness and extreme fatigue with headache, lightheadedness, and thirst
  - c) hyperthermia greater than 104 degrees F, anhydrosis (absent sweating), and CNS disturbance
  - d) brief, intermittent, involuntary cramps of skeletal muscles
  
- 4) Heat Stroke is a true emergency. Treatment includes which of the following?
  - a) eliminating exposure
  - b) active cooling, to be stopped when body temperature reaches 39 degrees C, to avoid overshooting
  - c) rapid active cooling to reduce body temp to below degrees 40 C
  - d) all of the above
  
- 5) In the unresponsive patient, findings that may indicate a spinal cord injury include which of the following?
  - a) diaphragmatic breathing with no accessory muscle use
  - b) flaccidity
  - c) priapism
  - d) all of the above
  
- 6) Regardless of the type of spinal injury, rigid immobilization is the least favored treatment.
  - a) true
  - b) false
  
- 7) The concept of “medically directed rescue” is based on the goal of providing medical care to the entrapped patient as well as removing the patient from the hazard.
  - a) true
  - b) false
  
- 8) Medically directed rescue is an advanced type of rescue and requires the following:
  - a) advanced rescue training
  - b) advanced prehospital medicine

*question continues next page*

- c) extensive coordination between fire and EMS services
  - d) A and B only
  - e) A, B, and C
- 9) An EMS provider who enters the vehicle to access the patient is called:
- a) first in
  - b) inside rescuer
  - c) lucky
  - d) none of the above
- 10) A patient-centered rescue achieves multiple simultaneously competing goals in a complex entrapment/extrication scenario.
- a) true
  - b) false