

Mchenry Western Lake County EMS System
Summer Emergencies 2022 Continuing Education

NAME: _____ BLS or ALS DATE: _____ DEPT: _____

ADDRESS: (optional) _____

- 1) In heat stroke, you pt will always be hot and dry?

True/False

- 2) You are called to the soccer field for a 36 y/o, sick female pt. Upon arrival, your scene is safe. Bystanders lead you to the sideline where you note the pt sitting on the bench. You hear audible wheezing without auscultation. Pt's skin warm and sweaty and she is complaining of pain to her right shoulder. You note a small circular ring that is swollen and attribute it to a sting. Her BP is 126/84, Pulse 106, Respirations 22, wheezing lung sounds, blood Glucose of 106 and and SpO2 of 98%. What is most important in your interventions?

- A) Applying cold packs to her neck and feet
- B) Establishing IV access in order to give medications
- C) ALBUTEROL 2.5MG & IPRATROPIUM 0.5MG VIA HHN/MASK
- D) ADDING O2 6L VIA NC

- 3) Your paramedic unit is dispatched to a local camping ground in the early spring for a 42 year old male pt not feeling well. Your scene is safe, you have one pt. Pt states that he was hiking all day in the woods and now has a rash. He also has nasal congestion and his "Skin is itching." Your pt is able to speak in full sentences with no difficulty breathing. Normal lungs sounds noted in all fields. Vitals are within normal limits. Based on your SOP's, this pt would be having a/an:

- A) Mild or lower Acuity Reaction
- B) Moderate or Emergent Reaction
- C) Severe reaction/Critical/Anaphylactic
- D) Local Reaction

- 4) For the pt in question 4, you would most likely treat with:

- A) Epinephrine 0.3mg
- B) Diphenhydramine 1mg/kg
- C) Epinephrine 0.5mg
- D) Albuterol 2.5mg and Ipratropium 0.5mg via HHN/Mask

5) You are dispatched at 13:00 hours to the local swimming pool for a 32 Y/O female complaining of severe abdominal cramping and vomiting. Upon arrival, you note the pt sitting on a pool chair with a lifeguard. The lifeguard tells you that the pt may have been stung, as there was a large number of bees or hornets around the pool in that area this morning. As you begin to access the pt and begin ALS treatment, you note that she is becoming lethargic and has audible stridor when breathing and speaking. Pt points to her right leg where you see a stinger still imbedded in the skin. Pt's BP is 86/62, Pulse 102, Respirations 20. What is your immediate ALS course of action?

- A) Administer Benadryl, 50mg IM
- B) Administer Epinephrine 0.5mg, vastus lateralis muscle while attempting vascular access
- C) Administer Epinephrine 0.3mg, vastus lateralis muscle while attempting vascular access
- D) Administer a Duo-Neb, Albuterol 2.5mg and Ipratropium 0.5mg

6) After administration of the above medication, EMS should:

- A. Wait 3-5 minutes and reassess for another dose
- B) Do not delay transport
- B. Attempt an IV on scene before transporting
- C. Contact medical control for orders

7) You are dispatched to a county road where an IDOT road construction worker is "Sick." Upon your arrival, the sheriff's office has the road blocked for you. Its 98 degrees without humidity. It is 16:30 and the worker has been pouring a new roadway since 8:00am. He is a 39-year-old male who is sweating heavily and complaining of weakness. You note the pt to be cool and have pale, moist skin. Proper treatment for this pt would include:

- A) Move pt to your ambulance or a cool environment
- B) Establish IV access and give consecutive 200ml incremental challenges, maintain a SBP 90 or above
- C) Monitor ECG and possible changes
- D) All of the above treatments

8) You respond with an engine to 1778 Rusty Creek Road, a popular farm house where there is a petting zoo, for a 28 Y/O female who is “Not acting right” Scene is safe. You note your pt standing, talking with PD upon your arrival. PD states to you that the pt “Just isn’t making sense.” Pt is AO to her name and day, but not to place or time. Pt agrees to have her vitals taken by EMS on scene. Crew notes the pt to be very hot when they access radial pulses. Pts face and neck are red and dry. You obtain the following vitals on scene at the petting zoo: BP 132/86, Pulse 110, Respirations 18, Blood Glucose 116, Lungs are clear in all fields. As you finish listening to lung sounds, pt becomes faint, you and your engine crew lay her to the ground where she begins to have what appears to be a tonic/clonic seizure. You have yet to establish IV access. What is your next course of action?

- A) Give Midazolam (Versed) 2mg q. 30-60 seconds up to 10mg (titrate to stop seizure activity)
- B) Assist with BVM until the seizure has passed
- C) Give Midazolam (Versed) 0.2mg/kg IN up to 10mg (titrate to stop seizure activity)
- D) Apply CCP to her neck, groin, axillae and temples until the seizure activity stops

9) Epinephrine is a vasoconstrictor and a bronchodilator. We use EPI because when in anaphylaxis, your body is Vaso _____ and broncho-_____.

- A) Dilating, Constricting
- B) Constricting, Dilating
- C) Pairing, Diluting
- D) None of the above

10) Moderate allergic reactions receive:

- A) EPINEPHRINE, if they have a BP greater than or equal to 90
- B) ALBUTEROL 2.5MG & IPRATROPIUM 0.5MG VIA HHN/MASK. (IF WHEEZING)
- C) DIPHENHYDRAMINE (BENADRYL) 50MG IVP/IO, OR IM IF NO IV OR IO.
- D) Possibly all of the above may be true

If you are NOT a member of the McHenry Western Lake County EMS System, Please include your address on each optional quiz turned into our office. Our mailing address is: Northwestern Medicine – McHenry Hospital EMS, 4201 Medical Center Drive, McHenry, Illinois 60050. We will forward verification of your continuing education hours to your home address.

If you ARE a member of our EMS System, your credit will be added to your Image Trend record. Please refer to Image Trend to see your current list of continuing education credits. Any questions regarding this can be addressed to Cindy Tabert at 224-654-0160. Please scan your quiz to Cindy Tabert by email to cynthia.tabert@nm.org