

Emergency Medicine

- 1) A 27 year-old man is brought into the ER after a bicycling accident. A car door suddenly opened in front of him, of which he smashed into and was thrown 15 feet. On examination, he is drowsy and confused. He opens his eyes when his name is called. He mumbles words that you understand but the sentences do not make sense. He moves all four limbs but does not respond to any commands. He is able to pull both hands away when pinched and squirms when his sternum is rubbed, making no effort to stop you. What is his Glasgow COMA Scale score?
 - a) 10
 - b) 11
 - c) 9
 - d) 8
 - e) 7
- 2) Which of the following are not consistent with primary (spontaneous) bacterial peritonitis?
 - a) Abdominal discomfort and fever
 - b) Ascitic fluid neutrophil count of $> 250 \times 10^6$ cells/L
 - c) Ascitic fluid WBC count of $> 500 \times 10^6$ cells/L
 - d) Multiple organisms on culture and sensitivity of ascitic fluid
- 3) A 25 year-old known substance abuser is brought to the ED with a suspected overdose. Which of the following is not considered a universal antidote?
 - a) Glucose
 - b) Oxygen
 - c) Calcium gluconate
 - d) Naloxone
 - e) Thiamine
- 4) Prolonged vomiting is associated with what electrolyte abnormality?
 - a) Hypochloremic hypokalemic metabolic acidosis
 - b) Hypochloremic hypokalemic metabolic alkalosis
 - c) Hyperchloremic metabolic acidosis
 - d) Hyperkalemia
 - e) None of the above
- 5) A 37 year-old male arrives at the Emergency Department unconscious. He is warm and sweaty. His heart rate is 52 bpm, his BP is 90/60. His pupils are constricted, his eyes are teary, and he is drooling. You assume he is suffering from a toxidrome. What antidote will you give him?
 - a) Flumazenil
 - b) Naloxone
 - c) Glucagon
 - d) Atropine
 - e) Ethanol
- 6) A 16 year-old girl is brought to hospital by her frantic parents after a bee sting. Vitals signs are BP 70/40, RR 30 and laboured, HR 140, T 37.5. Which of the following would not be an option in her management?
 - a) Epinephrine
 - b) Diphenhydramine
 - c) Methylprednisolone
 - d) Salbutamol
 - e) Atropine
- 7) Tension pneumothorax is best diagnosed with:
 - a) Stat CT scan
 - b) Chest x-ray
 - c) Watch and wait
 - d) Clinical exam
 - e) None of the above

- 8) A patient presents with decreased level of consciousness. On exam he has pinpoint pupils and is unresponsive. Which of the following is NOT a likely etiology?
- a) Cerebellar infarct
 - b) TCA overdose
 - c) Morphine overdose
 - d) Pons hemorrhage
 - e) Ethanol overdose
- 9) A 41 y/o male alcoholic is brought into the ED by ambulance. He has been seizing for approximately 20 minutes. Appropriate actions in the next 5 minutes may include all of the following EXCEPT:
- a) Endotracheal intubation, if unable to stop the seizure rapidly
 - b) Administration of IV anticonvulsants
 - c) Performing a complete set of vital signs
 - d) Ordering a stat EEG

ANSWERS

1. A
2. D

3. C
4. B

5. D
6. E

7. D
8. B

9. D