

BLS Pharmacology- December 2021

McHenry Western Lake County EMS System

Optional CE

Name: \_\_\_\_\_ BLS or ALS - Date: \_\_\_\_\_ Department \_\_\_\_\_

Address (Optional) \_\_\_\_\_

- 1) When preparing to administer an EMS medication to your patient you must determine \_\_\_\_\_ based on your assessment of the patient.
  - a. Contraindication
  - b. Indication
  - c. Action
  - d. Side Effect
  
- 2) Noting the right patient, drug, dose, route, time of administration, route & site and reason are all part of:
  - A) Deductive reasoning in medication administration
  - B) Documentation in the patient's chart
  - C) Patient Assessment
  - D) Transfer of Care
  
- 3) Which of the following is correct for administration of Albuterol?
  - A) 3.5MG in 2ML for severe cough
  - B) 2.0MG in 3.5ML for COPD
  - C) 2.5MG in 3ML for bronchospasm associated w/ asthma
  - D) 2.5MG in 2.0 ML for upper airway secretions
  
- 4) For hydrofluoric acid burns to skin, with potential for deep tissue burns and bone damage, apply Calcium Gluconate Gel to the skin by massaging into the burned area every \_\_\_\_\_ minutes until pain is relieved:
  - A) 15
  - B) 10
  - C) 20
  - D) 5
  
- 5) Diphenhydramine or Benadryl, should be given for:
  - A) Acute asthma attack
  - B) Acute GI issues
  - C) A & B
  - D) Allergic reactions/anaphylaxis

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- 6) Your crew is called to treat a 26 Y/O female patient complaining of difficulty breathing. Upon arrival, you find your patient sitting at a picnic bench in a public park with friends. The patient is alert and oriented x 4, but only able to speak to you in 2-3-word phrases. You hear audible stridor upon inhalation. Pt has widespread urticaria upon visual inspection. Pts friends on scene stated that she was consuming a soft drink and homemade cookies at the picnic when she suddenly began having symptoms. Pt states that she has nut and bee allergies and denies having asthma. Based on the information presented, what is your first course of action?
- A) Administer Epinephrine IM
  - B) Assist the patients breathing with a BVM
  - C) Administer oxygen via nasal cannula at 2 liter/minute
  - 4) Administer Benadryl IM
- 7) In reference to the scenario in Question #6, which answer best describes the correct dose/rout for administering Epinephrine or Adrenaline for an adult patient?
- A) 0.3MG via IO
  - B) 0.5MG via IM
  - C) 0.5ML Via IM
  - D) 0.3 ML via IN
- 8) Which medication is used to treat hypoglycemic when vascular access cannot be established and the patient has a GCS of less than 10?
- A) Gluconate Sulfate-IM
  - B) Oral glucose -IV/IN
  - C) Glucagon -IM/IN
  - D) Calgon -IM/IN
- 9) You respond to a local farm for a "Sick person." Upon arrival, your patient is laying next to a tractor, AOX4 but appears to be in distress. Pts wife states that her husband commonly uses an organophosphorus fertilizer for the crops. Pt has muscle weakness, emesis and is extremely diaphoretic. You suspect an organophosphate poisoning. Which acronym describes the symptoms related to organophosphate exposure?
- A) SLUDGEM or DUMBBELS,
  - B) DUMBO or AEIOUTIPS
  - C) SAMPLE or OPQRST,
  - D) FAST or BEFAST

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- 10) Your ambulance responds to a call at the local train station for a 36 Y/O male patient who is unresponsive, breathing 6 times a minute, pulse rate of 90, pinpoint pupils. You see obvious needle marks on the patient's left arm. The patient's friend on scene stated that the patient uses fentanyl for chronic pain but states that he did not see him use any street drugs today. What is your primary impression?
- A) Stroke
  - B) Head Injury
  - C) Drug OD
  - D) Cardiac Arrest
- 11) What is the priority for treatment in caring for the patient in #10?
- A) Open the airway
  - B) Insert an OPA/or NPA and begin positive pressure ventilations with BVM
  - C) Administer Narcan -IN
  - D) A & B
- 12) Which medication is indicated in managing this patient?
- A) Epinephrine 1;1000
  - B) Glucagon
  - C) Narcan
  - D) Ondansetron
- 13) Which route can you use to administer the correct treatment?
- A) Intranasal
  - B) Intramuscular
  - C) Hand held nebulizer
  - D) Oral

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](mailto:cynthia.tabert@nm.org)