

# OB/PEDIATRIC EMT FISDAP EXAM ACTUAL EXAM QUESTIONS AND CORRECT DETAILED ANSWERS WITH RATIONALES | ALREADY GRADED A+

What is the effect of oral glucose?

- Lowers blood sugar
- Raises blood sugar
- Stimulates gluconeogenesis
- Increases the rate of digestion

• A 14 year old male is hot, dry and complaining of nausea and vomiting after mowing the lawn. What should you suspect?

- Hypothermia
- Heat exhaustion
- Heat stroke
- Hyperemesis

• What occurs during compression of the inferior vena cava?

- Preeclampsia
- Supine hypotensive syndrome
- Pregnancy induced hypertension
- Eclampsia

• An unresponsive 32 year old female was pulled from a frozen lake after 3 minutes of submersion. Vital signs are BP 90/70, P 24, R 8. Why is it important to handle her gently while transporting?

- Any lung damage due to submersion is greatly reduced.
- She could go into shock.
- It prevents her from losing any limbs.
- She could convert into V-Fib or V-Tach rhythm.

• A 56 year old male complains of chest pain after shoveling the driveway. He states that his pain was a 9/10, but it is now a 5/10 after rest and taking 2 of his nitroglycerin. Vital signs are BP 100/66, P 87, R 16. What should you do?

- Apply high-flow oxygen.
- Apply pulse oximetry.

- Obtain a second set of vital signs.
  - Administer aspirin.
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- A 71 year old female is short of breath and has lower leg pain. She took 2 doses of her prescribed nitroglycerine and 324 mg aspirin 10 minutes ago. Vital signs are BP 160/90, P 88, R 24, SpO2 88%. What should you do?
- Administer a third dose of nitroglycerin.
  - Apply oxygen by non-rebreather mask.
  - Administer an additional dose of aspirin.
  - Obtain a second set of vital signs.
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- A 66 year old female has shortness of breath and diffuse back pain. Auscultation of lungs reveal crackles in the bases. Vital signs are BP 170/110 and P 112. What should you do administer?
- Adenosine
  - Furosemide
  - Albuterol
  - Nitroglycerin

Scenario:

- An unresponsive 2 day old female is in respiratory distress. Her skin is cyanotic and vital signs are P 184, R 72. What should you do?
- Assist her ventilations.
  - Administer albuterol.
  - Apply blow-by oxygen.
  - Assess for a blood pressure.
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- A 22 year old male complains of shortness of breath with diminished lung sounds on the right side. Vital signs are BP 130/90, P 86, R 24. What should you suspect?
- Asthma attack
  - Pneumothorax
  - Tension pneumothorax
  - Exacerbation of COPD
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- An 66 year old female had a syncopal episode while attempting to stand up. She describes a history of COPD, CHF, and gout. Vital signs are BP 96/40, P 56, R 18. What should you suspect?
- Rapid increase of insulin.
  - Increase in oxygen levels.
  - Decrease in cerebral blood flow.
  - Hypoglycemic event.

- What is the best protection from contracting a communicable disease from a patient?

- Frequent hand washing.
- Changing clothes after run.
- Wearing goggles during run.
- Putting on a mask.

- An anxious 55 year old male is severely short of breath and is coughing up pink frothy sputum. He is sitting upright and tells you that his "feet are more swollen than normal." Vital signs are BP 202/112, P 110, R 36 with crackles. What should you do?

- Obtain a detailed medical history.
- Position him supine and apply high-flow oxygen.
- Administer aspirin.
- Assist his ventilations with a BVM.

- A 34 year old male complains that people are "out to hurt me." He thinks you are attempting to kill him with poison gas while applying a non-rebreather mask. What should you do?

- Position the mask for blow-by oxygen.
- Forcefully restrain him then apply the mask.
- Switch to a nasal cannula.
- Explain the benefits of oxygen.

- What condition is caused by twisting of the spermatic cord, resulting in a sudden onset of severe scrotal pain?

- Epididymitis
- Urinary calculi
- Priapism
- Testicular torsion

- How should you treat asystole in a patient?

- Shock with an AED.
- Provide positive pressure ventilation.
- Provide chest compressions.
- Administer high-flow oxygen.

- A 45 year old female had a return of spontaneous circulation (ROSC) after 10 minutes in cardiac arrest. She is unresponsive. Vital signs are BP 96/40, P 88, R 18, SpO2 74%. What should you do?

- Assist her ventilations with a BVM.
- Continue to use the AED to analyze her pulse.
- Position her in a recovery position and apply high-flow oxygen.
- Provide low-flow oxygen by non-rebreather mask.

- A 16 year old boy tells you that he "caught" his 40 year old mother "holding a handful of sleeping pills." The son explains that she is depressed, and he is convinced that she meant to kill herself. She is extremely agitated and is refusing treatment. What should you do?
  - Carefully document the woman's refusal and have her sign the form.
  - Request law enforcement assistance to transport the patient.
  - Contact social services to recommend they follow up on this family.
  - Encourage the patient to see a mental health professional that day.
- A 76 year old female complains of chest pain on the right side directly above her 4th intercostal space. She states that she had a "hip replaced" a couple of weeks ago and that she is recovering well. What should you suspect?
  - Pulmonary embolism
  - Acute coronary syndrome
  - Pneumothorax
  - Myocardial infarction
- A 22 year old intoxicated male responds to voice by moaning. You note vomit in his airway, what should you do?
  - Insert a nasal airway.
  - Suction the mouth.
  - Manually stabilize c-spine.
  - Turn the patient on his side.
- What is the movement of drugs in the body as they are absorbed, distributed, metabolized, and excreted called?
  - Pharmacodynamics
  - Pharmacokinetics
  - Biotransformation
  - The mechanism of action

Scenario:

- A 32 year old female attempted to commit suicide by taking sleeping pills and cutting her wrists. She has dark red blood oozing from the wrist lacerations. Vital signs are BP 90/52, P 130 and weak, R 18. What type of bleeding and shock is she experiencing?
  - Venous bleeding with hypovolemic shock.
  - Arterial bleeding with hypovolemic shock.
  - Capillary bleeding with cardiogenic shock.
  - Venous bleeding with neurogenic shock.
- What is a sign of an upper GI bleed?
  - Dark black emesis

- Dry warm skin
  - High blood pressure and dizziness
  - Pain in the right shoulder
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- A 40 year old male was stung by a bee. His skin is pink and dry, his lung sounds are clear and he has equal chest rise. Vitals are BP 122/82, P 78, R 18, SpO2 98%. What should you do?
    - Administer high-flow oxygen by non-rebreather mask.
    - Assist with the administration of his EpiPen.
    - Contact poison control.
    - Perform a secondary assessment.
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- A 2 year old male is conscious after ingesting a small quantity of bleach. What should you suspect?
    - Hot, dry skin and diarrhea
    - Chemical burns around the mouth
    - Dilated pupils and labored breathing
    - Bright, red skin on child's extremities
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- A 25 year old female is stung by a bee. She complains of shortness of breath, hives and has audible wheezes. What should you do?
    - Assist in the use of her metered dose inhaler.
    - Obtain an oxygen saturation reading.
    - Have family members confirm her bee allergy.
    - Remove the stinger using a credit card.
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- What signs and symptoms should make you suspect a heroin overdose?
    - Pinpoint pupils, coma, and respiratory depression
    - Hypertension, tachycardia, and urinary retention
    - Lacrimation, bradycardia, and hyperactivity
    - Dilated pupils, coma, and hyperpnea
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- What can rough handling of a patient with severe hypothermia cause?
    - Increased shivering
    - Decreased respirations
    - Ventricular fibrillation
    - Ventricular tachycardia
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- A 23 year old male complains of neck stiffness and flu symptoms for the past few days. He also describes a high fever with a severe headache, dizziness and blurred vision. What should you suspect?
    - Influenza
    - Meningitis
    - Migraine
    - Hemorrhagic stroke
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- A 27 year old pregnant female is complaining of extreme bouts of thirst, nausea and urination. What should you suspect?
    - Urinary tract infection

- Pre-eclampsia
- Early stage kidney failure
- Gestational diabetes
  
- A 34 year old female complains of an open sore on her leg that will not go away. She says that she cut her leg while shaving in the shower at her local gym 2 weeks ago. Her doctor prescribed antibiotics, but nothing has changed. What should you suspect?
  - Boils
  
  - MRSA
  - Varicose vein
  - Necrotizing fasciitis
  
- What risk factor may cause the development of an esophageal varice?
  - Cirrhosis
  - Gastritis
  - Forceful vomiting
  - Anticoagulation therapy
  
- What abdominal complaint is MOST concerning?
  - A sudden, tearing pain.
  - A dull, gradual-onset pain.
  - Pain that is relieved by rocking or movement.
  - Pain that increase with eating.
  
- What medical term describes wheals on the skin during an allergic reaction?
  - Angioedema
  - Myxedema
  - Urticaria
  - Pruritus
  
- What gland joins the nervous system with the endocrine system?
  - Hypothalamus
  - Thymus
  - Pituitary
  - Pineal

• You assisted a 46 year old female with her prescribed nitroglycerin. She is now light-headed and feels dizzy. What should you do?

- Contact medical control.
- Check her blood sugar.
- Perform a stroke assessment scale.
- Position her supine.

• A 20 year old male complains of nausea and headache after working on his car in the garage. Vital signs are BP 130/90, P 76, R 16. What should you suspect?

- CO poisoning
- Cholinergic poisoning
- Migraine
- Brain aneurysm

• Lifeguards have rescued an unconscious 42 year old near-drowning victim from the water. What should be your most important treatment for this patient?

- Establish and maintain C-spine immobilization.
- Immediately transport to the local hospital.
- Perform a rapid primary survey.
- Acquire information about what happened.

• A 26 year old male has Kussmaul's respirations. He has a diabetic alert bracelet. What should you suspect?

- Diabetic ketoacidosis (DKA)
- Hyperglycemic hyperosmolar nonketotic coma (HHNC)
- Hypoglycemia
- Insulin shock

• A 46 year old male complains of difficulty breathing and a productive cough. He states that his cough began about 2 weeks ago. Lung sounds reveal coarse rhonchi in all fields. His skin color is ashen and he is diaphoretic. What should you do?

- Don an N95 mask.
- Obtain baseline vitals.
- Apply oxygen by non-rebreather mask.
- Assist with administration of his albuterol inhaler.

- Possible splenic injury or ectopic pregnancy can have referred leftshoulder pain called?
  - Kehr's
  - Turner's
  - Kernig's
  - Hammain's
- Which of the following is NOT part of the Cincinnati Stroke Test?
  - Facial droop
  - Ability to walk
  - Slurred speech
  - Arm drift

Scenario:

- A 32 year old male is presents with difficulty breathing. He has bilateralinspiratory and expiratory wheezing. Vital signs are BP 120/80, P 89, R 32, SpO2 93%. What should you suspect?
  - Emphysema
  - Asthma
  - Chronic bronchitis
  - Congestive heart failure
- A 22 year old male working at a factory has recently inhaled a poison.After ensuring scene safety, what should you do?
  - Obtain a set of vital signs.
  - Move the patient to an area outside.
  - Administer high-flow oxygen.
  - Insert and oral airway.
- A 19 year old male hides in his closet and thinks that aliens are to abduct him. What should you do?
  - Tell him that aliens don't exist.
  - Acknowledge his fears as real.
  - Say you saw the aliens leave.
  - Tell him he should not be afraid.
- A 47 year old male has a ROSC after 10 min of CPR, but remainsunconscious. How should you transport him?
  - Prone with feet elevated 15 degrees
  - Left-lateral recumbent
  - Trendelendberg position
  - Semi-fowlers at 30 degrees
- What can unequal pupils indicate?
  - Head injury
  - Heat emergency
  - Poisioning



- Severe hypoxia
  
- A 20 year old male has been exposed to cold temperatures for an unknown period of time. Where should you assess his skin temperature?
  - Abdomen
  - Armpit
  - Chest
  - Leg
  
- How is nitroglycerin spray administered?
  - Topically.
  - Ingestion.
  - Injection.
  - Sublingually.
  
- A 58 year old unconscious male has a return of spontaneous circulation (ROSC) after 10 minutes of CPR and 3 shocks from an AED. Vital signs are BP 90/60, P 54, R 4. What should you do?
  - Assist his ventilations with a BVM.
  - Remove the oral airway.
  - Continue CPR.
  - Discontinue interventions.
  
- A 51 year old male with a history of COPD is having difficulty breathing. Vital signs are BP 136/74, R 22, P 100, SpO2 95%. What should you do?
  - Withhold oxygen to avoid decreasing the hypoxic drive.
  - Administer oxygen by nonrebreather mask.
  - Apply high-flow oxygen by bag-valve mask.
  - Apply low-flow oxygen by nasal cannula.
  
- A 21 year old female was lost in the woods for several hours. The ambient temperature is 25 degrees Fahrenheit. She is lethargic and confused. The skin on her hands is waxy and white. What should you do?
  - Apply heat packs on her neck, armpits, and groin.
  - Place several heat packs on her legs and arms.
  - Gently wrap the patient in several dry blankets.
  - Vigorously rub the patient's extremities.
  
- What is the most common communicable disease contracted by blood-borne pathogen exposure?
  - AIDS

- Hepatitis A
- HIV
- Hepatitis B

• A 22 year old female was recently involved in a sexual assault. She wants to take a shower, what should you do?

- Ask her to wait until she gets admitted to the hospital.
- Allow her to do so after she places her clothing in an evidence bag.
- Perform a thorough pelvic exam before letting her shower.
- Advise her to speak to a police officer before showering.

• An 80 year old male is confused and in his apartment on a hot summer day. Vital signs are BP 80/P, P 132 and regular, R 40 and shallow, skin is hot and dry. What should you suspect?

- Hypoglycemia
- Dementia
- Heat exhaustion
- Heatstroke

- What is a contraindication for the administration of nitroglycerin?
- Pain that radiates down the left arm
- Recent use of erectile dysfunction medication
- Blood pressure greater than 100 systolic
- Diastolic blood pressure less than 90

• A 12 year old is complaining of an "itchy throat" and stomach cramping after sharing a sandwich at school. What should you suspect?

- Anaphylaxis
- Food poisoning
- Allergic reaction
- Foreign body airway obstruction

- What cardiac dysrhythmia will an AED defibrillate?
- Pulseless electrical activity
- Ventricular tachycardia
- Bradycardia
- Asystole