

ATI Med Surg REAL EXAM 250 QUESTIONS AND CORRECT ANSWERS (VERIFIED ANSWERS)|AGRADE

A nurse is caring for client who is experiencing supraventricular tachycardia. Upon assessing the client, the nurse observes the following findings: heart rate 200/min, blood pressure 78/40 mm Hg, and respiratory rate 30/min. Which of the following actions should then nurse take?

- a. Defibrillate the client's heart.
- b. Perform synchronized cardioversion.
- c. Begin cardiopulmonary resuscitation.
- d. Administer lidocaine IV bolus. - CORRECT ANSWER b. Perform synchronized cardioversion.

The nurse should perform synchronized cardioversion for a client who has supraventricular tachycardia.

What rhythms are shockable? (defibrillation) - CORRECT ANSWER ventricular fibrillation and pulseless ventricular tachycardia

What dysrhythmia are amiodarone and lidocaine indicated for? - CORRECT ANSWER ventricular arrhythmias

The nurse should initiate CPR for a client who what? - CORRECT ANSWER is pulseless or not breathing

A nurse is preparing a client who has supraventricular tachycardia for elective cardioversion. Which of the following medications should the nurse instruct the client to withhold for 48 hr prior to cardioversion?

- A. Enoxaparin
- B. Metformin
- C. Diazepam
- D. Digoxin - CORRECT ANSWER D. digoxin

Cardiac glycosides, such as digoxin, are withheld prior to cardioversion. These medications can increase ventricular irritability and put the client at risk for ventricular fibrillation after the synchronized countershock of cardioversion

_____ are usually given prior to cardioversion to reduce anxiety and minimize discomfort with the procedure. - CORRECT ANSWER Sedatives like diazepam

Metformin is held before what kind of procedures? Example? Why? - CORRECT ANSWER Ones that involve contrast dye like cardiac catheterization, in order to prevent kidney damage.

_____ prevent blood clots that can be released into the circulatory system after cardioversion. - CORRECT ANSWER Anticoagulants like enoxaparin

What kind of drugs are withheld prior to cardioversion? - CORRECT ANSWER cardiac glycosides like digoxin

exophthalmosis - CORRECT ANSWER condition produced by hyperthyroidism in which the eyeballs protrude beyond their normal protective orbit because of swelling in the tissues behind them

entropion - CORRECT ANSWER the inversion of the edge of an eyelid

ectropion - CORRECT ANSWER the eversion of the edge of an eyelid

ptosis - CORRECT ANSWER drooping

A nurse is caring for a client who has emphysema and is receiving mechanical ventilation. The client appears anxious and restless, and the high-pressure alarm is sounding. Which of the following actions should the nurse take first?

- A. Obtain ABGs.
- B. Administer propofol to the client.
- C. Instruct the client to allow the machine to breathe for them.

D. Disconnect the machine and manually ventilate the client. - CORRECT ANSWER C. Instruct the client to allow the machine to breathe for them. When providing client care, the nurse should first use the least restrictive intervention. Therefore, the first action the nurse should take is to provide verbal instructions and emotional support to help the client relax and allow the ventilator to work. Clients can exhibit anxiety and restlessness when trying to "fight the ventilator."

A nurse is caring for a client who has a potassium level of 3. Which of the following assessment findings should the nurse expect?

- A. Positive Trousseau's sign
- B. 4+ deep tendon reflexes
- C. Deep respirations
- D. Hypoactive bowel sounds - CORRECT ANSWER D. Hypoactive bowel sounds

Deep tendon reflexes are used to monitor what electrolyte level? - CORRECT ANSWER magnesium

What kind of respirations occur with hypokalemia and why? - CORRECT ANSWER shallow respirations due to respiratory muscle weakness

Trousseau's sign evaluates for what electrolyte imbalances? - CORRECT ANSWER hypocalcemia and hypomagnesemia

What is hypokalemia's effect on the GI system? - CORRECT ANSWER It decreases smooth muscle contraction leading to decreased peristalsis and hypoactive bowel sounds.

Deep tendon reflexes in hypomagnesemia - CORRECT ANSWER increased e.g. 4+

Deep tendon reflexes in hypermagnesemia - CORRECT ANSWER decreased e.g. absent or 1+

What should be done if you are performing a cardiac assessment on a client and you hear a murmur? - CORRECT ANSWER Listen with the client on their left side so it can be heard more clearly

A nurse is conducting an admission history for a client who is to undergo a CT scan with an IV contrast agent. The nurse should identify that which of the following findings requires further assessment?

- A. History of asthma
- B. Appendectomy 1 year ago
- C. Penicillin allergy
- D. Total knee arthroplasty 6 months ago - **CORRECT ANSWER A. History of asthma**

A client who has a history of asthma has a greater risk of reacting to the contrast dye used during the procedure. Other conditions that can result in a reaction to contrast media include allergies to foods, such as shellfish, eggs, milk, and chocolate.

What are conditions that may cause a reaction to contrast media? Patients with these conditions require further screening before a procedure with IV contrast. - **CORRECT ANSWER history of asthma and allergies to shellfish, eggs, milk, and chocolate**

What drugs would warrant further screening for increased risk of renal damage in someone getting a procedure with IV contrast? - **CORRECT ANSWER aminoglycosides, NSAIDs, metformin**

Patients with what conditions have an increased risk for renal damage from a procedure with IV contrast? - **CORRECT ANSWER history of diabetes mellitus, renal impairment, or heart failure**

A nurse in an ED is reviewing the provider's prescriptions for a client who sustained a rattlesnake bite to the lower leg. Which of the following prescriptions should the nurse expect?

- A. Apply ice to the client's puncture wounds
- B. Initiate corticosteroid therapy for the client
- C. Keep the client's leg above heart level
- D. Administer an opioid analgesic to the client - **CORRECT ANSWER D. Administer an opioid analgesic to the client**

Expect an opioid analgesic to promote comfort in someone with a rattlesnake bite.

What critter should you apply ice to the bite of and why? - CORRECT ANSWER a black widow spider bite in order to reduce the action of the neurotoxin

If a patient gets bitten by a snake, what level should the extremity be maintained at? - CORRECT ANSWER at the level of the heart, not above or below it

What should the nurse plan to administer for a bee or wasp sting? - CORRECT ANSWER corticosteroids and antihistamines

A nurse is caring for a client who is 12 hr post op following a total hip arthroplasty. Which of the following actions should the nurse take?

- a. Maintain adduction of the client's legs.
- b. Encourage range of motion of the hip up to a 120° angle.
- c. Place a pillow between the client's legs.
- d. Keep the client's hip internally rotated. - CORRECT ANSWER c. Place a pillow between the client's legs

Post-op total hip arthroplasty

-maintain ab/adduction of the client's legs?

-encourage ROM of the hip up to what angle?

-pillow?

-avoid ____ rotating the hips - CORRECT ANSWER -maintain ABduction of the legs

-encourage ROM of the leg up to 90 degrees (do not flex the hip past 90 degrees)

-place a pillow between the legs

-avoid internally rotating the hips

A nurse is caring for a group of clients. The nurse should plan to make a referral to physical therapy for which of the following clients?

- a. A client who is receiving preoperative teaching for a right knee arthroplasty.
- b. A client who states they will have difficulty obtaining a walker for home use.
- c. A client who reports an increase in pain following a left hip arthroplasty.

d. A client who is having emotional difficulty accepting that they have a prosthetic leg. - CORRECT ANSWER a. A client who is receiving preoperative teaching for a right knee arthroplasty.

The nurse should make a referral to physical therapy for a client who is receiving PREoperative teaching for a knee arthroplasty so the client can begin understanding postoperative exercises and physical restrictions.)

What should you contact if a client reports an increase in pain following a left hip arthroplasty? - CORRECT ANSWER the provider

Who should you contact if a client states they will have difficulty obtaining a walker for home use? - CORRECT ANSWER a social worker

Who should you contact if a client is having emotional difficulty accepting that they have a prosthetic leg? - CORRECT ANSWER The nurse should refer the client to a *counselor* to assist with coping with the adjustment to the need of a prosthetic leg.

A nurse in a provider's office is assessing a client who has migraine headaches and is taking feverfew to prevent headaches. The nurse should identify that which of the following medications interact with feverfew?

- a. Metoprolol
- b. Bupropion
- c. Naproxen
- d. Atorvastatin - CORRECT ANSWER c. Naproxen

feverfew + naproxen = bleeding

Both naproxen and feverfew impair _____ and place the client at risk for _____. - CORRECT ANSWER platelet aggregation

bleeding

The nurse should recognize that the effort of atorvastatin is decreased by what herb? - CORRECT ANSWER St. John's Wort

atorvastatin + St. John's wort = ? - CORRECT ANSWER decreased effect of atorvastatin

A nurse is providing discharge teaching to a client who has heart failure and a new prescription for a potassium-sparing diuretic. Which of the following information should the nurse include in the teaching?

- a. Try to walk at least three times per week for exercise.
- b. To increase stamina, walk for 5 min after fatigue begins.
- c. Take over-the-counter cough medicine for persistent cough.
- d. Use a salt substitute to reduce sodium intake. - CORRECT ANSWER a. Try to walk at least 3 times a week for exercise.

The development of a regular exercise routine can improve outcomes in clients who have heart failure.

Should someone with heart failure walk for 5 minutes after fatigue begins? Why or why not? - CORRECT ANSWER No, it can exacerbate the patient's heart failure and won't increase stamina.

Right or left hemispheric stroke symptom?

- a. aphasia
- b. visual spatial deficits/loss of depth perception
- c. one-sided neglect/unawareness of affected side
- d. left hemianopsia
- e. right hemianopsia
- f. impulsive
- g. cautious - CORRECT ANSWER a. aphasia - left
- b. visual spatial deficit - right
- c. one-sided neglect - right
- d. left hemianopsia - right
- e. right hemianopsia - left
- f. impulsive - right
- g. cautious - left

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- d. Administer lidocaine IV bolus. - CORRECT ANSWER b. perform synchronized cardioversion

A nurse is teaching a young adult client how to perform testicular self-exam.

- use one or both hands? examine at same time?
- roll each testicle how?
- perform when?
- how often? - CORRECT ANSWER -use both hands to examine one testicle at a time
- roll each testicle horizontally between the thumb and the fingers to feel for any deep lumps in the center
- during or after warm bath/shower
- once a month

A nurse is assessing a client following the administration of magnesium sulfate 1 g IV bolus. For which of the following adverse effects should the nurse monitor?

- reflexes?
- BP?
- breathing?
- cardiac - CORRECT ANSWER -depressed or absent reflexes
- decreased BP
- respiratory paralysis
- depressed cardiac function/heart block

Magnesium sulfate can be used to treat what cardiac conditions? What is an adverse cardiac effect? -
CORRECT ANSWER treats cardiac dysrhythmias such as torsades de pointes and refractory ventricular fibrillation

AE: depressed cardiac function including heart block

A nurse is planning care to decrease psychosocial health issues for a client who is starting dialysis treatments for chronic kidney disease. Which of the following interventions should the nurse include in the plan?

- a. Remind the client that dialysis treatments are not difficult to incorporate into daily life.
- b. Inform the client that dialysis will result in a cure.
- c. Tell the client that it is possible to return to similar previous levels of activity.
- d. Begin health promotion teaching during the first dialysis treatment. - CORRECT ANSWER c. Tell the client that it is possible to return to similar previous levels of activity.

The nurse should help the client develop realistic goals and activities to have a productive life

T/F: Before starting dialysis, the nurse should inform the client of the difficulty of incorporating dialysis into daily life to allow the client to develop realistic expectations. - CORRECT ANSWER True.

T/F: Dialysis is a cure for CKD. - CORRECT ANSWER False, it is a life-long management.

For a client starting dialysis, when should the nurse begin health and lifestyle teaching? - CORRECT ANSWER In the first weeks after starting the dialysis treatment once the client feels better physically and emotionally.

effect of hypokalemia on EKG - CORRECT ANSWER -flattened T wave

-presence of U wave

effect of hypocalcemia on EKG - CORRECT ANSWER prolonged ST interval and prolonged QT interval

The nurse should review the client's (what lab value?) after the administration of FFP. What is the desired effect of fresh frozen plasma on the lab value? - CORRECT ANSWER prothrombin time
the desired effect is a decrease in prothrombin time

What blood product is rich in clotting factors? - CORRECT ANSWER Fresh frozen plasma. FFP is administered to treat acute clotting disorders. The desired effect is a decrease in the prothrombin time.

The nurse should teach that the maximum effect of epoetin alfa will occur in how long? - CORRECT ANSWER 2-3 months

The client who has what condition will have a plethoric (dark, flushed) manifestation of the facial skin and mucous membranes? - CORRECT ANSWER polycythemia vera

The client who has what type of anemia will have manifestation of glossitis (smooth, beefy-red tongue) and weight loss? - CORRECT ANSWER pernicious anemia

The client who has what type of anemia will have manifestations of jaundice with an enlarged liver and spleen? - CORRECT ANSWER sickle cell anemia

In aplastic anemia, what blood components are absent/reduced? What is this called? Is it sudden or gradual? - CORRECT ANSWER All three major blood components (red blood cells, white blood cells, and platelets) are reduced or absent, which is known as pancytopenia. Manifestations usually develop gradually.

cardiac tamponade findings

-BP

-special BP thing

-heart sounds - CORRECT ANSWER -hypotension

-pulses paradoxus

-muffled heart sounds