



3

Practice Exam 3 and Rationales

**Quick Check**

1. A 43-year-old African American male is admitted with sickle cell anemia. The nurse plans to assess circulation in the lower extremities every 2 hours. Which of the following outcome criteria would the nurse use?
 - A. Body temperature of 99°F or less
 - B. Toes moved in active range of motion
 - C. Sensation reported when soles of feet are touched
 - D. Capillary refill of < 3 seconds
2. A 30-year-old male from Haiti is brought to the emergency department in sickle cell crisis. What is the best position for this client?
 - A. Side-lying with knees flexed
 - B. Knee-chest
 - C. High Fowler's with knees flexed
 - D. Semi-Fowler's with legs extended on the bed
3. A 25-year-old male is admitted in sickle cell crisis. Which of the following interventions would be of highest priority for this client?
 - A. Taking hourly blood pressures with mechanical cuff
 - B. Encouraging fluid intake of at least 200mL per hour
 - C. Position in high Fowler's with knee gatch raised
 - D. Administering Tylenol as ordered
4. Which of the following foods would the nurse encourage the client in sickle cell crisis to eat?
 - A. Peaches
 - B. Cottage cheese
 - C. Popsicle
 - D. Lima beans

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Quick Answer: **224**

Detailed Answer: **227**

Quick Answer: **224**

Detailed Answer: **227**

Quick Check

5. A newly admitted client has sickle cell crisis. The nurse is planning care based on assessment of the client. The client is complaining of severe pain in his feet and hands. The pulse oximetry is 92. Which of the following interventions would be implemented first? Assume that there are orders for each intervention.
- A. Adjust the room temperature
 - B. Give a bolus of IV fluids
 - C. Start O₂
 - D. Administer meperidine (Demerol) 75mg IV push
6. The nurse is instructing a client with iron-deficiency anemia. Which of the following meal plans would the nurse expect the client to select?
- A. Roast beef, gelatin salad, green beans, and peach pie
 - B. Chicken salad sandwich, coleslaw, French fries, ice cream
 - C. Egg salad on wheat bread, carrot sticks, lettuce salad, raisin pie
 - D. Pork chop, creamed potatoes, corn, and coconut cake
7. Clients with sickle cell anemia are taught to avoid activities that cause hypoxia and hypoxemia. Which of the following activities would the nurse recommend?
- A. A family vacation in the Rocky Mountains
 - B. Chaperoning the local boys club on a snow-skiing trip
 - C. Traveling by airplane for business trips
 - D. A bus trip to the Museum of Natural History
8. The nurse is conducting an admission assessment of a client with vitamin B12 deficiency. Which of the following would the nurse include in the physical assessment?
- A. Palpate the spleen
 - B. Take the blood pressure
 - C. Examine the feet for petechiae
 - D. Examine the tongue
9. An African American female comes to the outpatient clinic. The physician suspects vitamin B12 deficiency anemia. Because jaundice is often a clinical manifestation of this type of anemia, what body part would be the best indicator?
- A. Conjunctiva of the eye
 - B. Soles of the feet
 - C. Roof of the mouth
 - D. Shins

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10. The nurse is conducting a physical assessment on a client with anemia. Which of the following clinical manifestations would be most indicative of the anemia?

- A. BP 146/88
- B. Respirations 28 shallow
- C. Weight gain of 10 pounds in 6 months
- D. Pink complexion

11. The nurse is teaching the client with polycythemia vera about prevention of complications of the disease. Which of the following statements by the client indicates a need for further teaching?

- A. "I will drink 500mL of fluid or less each day."
- B. "I will wear support hose when I am up."
- C. "I will use an electric razor for shaving."
- D. "I will eat foods low in iron."

12. A 33-year-old male is being evaluated for possible acute leukemia. Which of the following would the nurse inquire about as a part of the assessment?

- A. The client collects stamps as a hobby.
- B. The client recently lost his job as a postal worker.
- C. The client had radiation for treatment of Hodgkin's disease as a teenager.
- D. The client's brother had leukemia as a child.

13. An African American client is admitted with acute leukemia. The nurse is assessing for signs and symptoms of bleeding. Where is the best site for examining for the presence of petechiae?

- A. The abdomen
- B. The thorax
- C. The earlobes
- D. The soles of the feet

14. A client with acute leukemia is admitted to the oncology unit. Which of the following would be most important for the nurse to inquire?

- A. "Have you noticed a change in sleeping habits recently?"
- B. "Have you had a respiratory infection in the last 6 months?"
- C. "Have you lost weight recently?"
- D. "Have you noticed changes in your alertness?"

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15. Which of the following would be the priority nursing diagnosis for the adult client with acute leukemia?
- A. Oral mucous membrane, altered related to chemotherapy
 - B. Risk for injury related to thrombocytopenia
 - C. Fatigue related to the disease process
 - D. Interrupted family processes related to life-threatening illness of a family member
16. A 21-year-old male with Hodgkin's lymphoma is a senior at the local university. He is engaged to be married and is to begin a new job upon graduation. Which of the following diagnoses would be a priority for this client?
- A. Sexual dysfunction related to radiation therapy
 - B. Anticipatory grieving related to terminal illness
 - C. Tissue integrity related to prolonged bed rest
 - D. Fatigue related to chemotherapy
17. A client has autoimmune thrombocytopenic purpura. To determine the client's response to treatment, the nurse would monitor:
- A. Platelet count
 - B. White blood cell count
 - C. Potassium levels
 - D. Partial prothrombin time (PTT)
18. The home health nurse is visiting a client with autoimmune thrombocytopenic purpura (ATP). The client's platelet count currently is 80,000. It will be most important to teach the client and family about:
- A. Bleeding precautions
 - B. Prevention of falls
 - C. Oxygen therapy
 - D. Conservation of energy
19. A client with a pituitary tumor has had a transphenoidal hypophsectomy. Which of the following interventions would be appropriate for this client?
- A. Place the client in Trendelenburg position for postural drainage
 - B. Encourage coughing and deep breathing every 2 hours
 - C. Elevate the head of the bed 30°
 - D. Encourage the Valsalva maneuver for bowel movements

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20. The client with a history of diabetes insipidus is admitted with polyuria, polydipsia, and mental confusion. The priority intervention for this client is:
- A. Measure the urinary output
 - B. Check the vital signs
 - C. Encourage increased fluid intake
 - D. Weigh the client
21. A client with hemophilia has a nosebleed. Which nursing action is most appropriate to control the bleeding?
- A. Place the client in a sitting position with the head hyperextended
 - B. Pack the nares tightly with gauze to apply pressure to the source of bleeding
 - C. Pinch the soft lower part of the nose for a minimum of 5 minutes
 - D. Apply ice packs to the forehead and back of the neck
22. A client has had a unilateral adrenalectomy to remove a tumor. To prevent complications, the most important measurement in the immediate post-operative period for the nurse to take is:
- A. Blood pressure
 - B. Temperature
 - C. Output
 - D. Specific gravity
23. A client with Addison's disease has been admitted with a history of nausea and vomiting for the past 3 days. The client is receiving IV glucocorticoids (Solu-Medrol). Which of the following interventions would the nurse implement?
- A. Glucometer readings as ordered
 - B. Intake/output measurements
 - C. Sodium and potassium levels monitored
 - D. Daily weights
24. A client had a total thyroidectomy yesterday. The client is complaining of tingling around the mouth and in the fingers and toes. What would the nurses' next action be?
- A. Obtain a crash cart
 - B. Check the calcium level
 - C. Assess the dressing for drainage
 - D. Assess the blood pressure for hypertension

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25. A 32-year-old mother of three is brought to the clinic. Her pulse is 52, there is a weight gain of 30 pounds in 4 months, and the client is wearing two sweaters. The client is diagnosed with hypothyroidism. Which of the following nursing diagnoses is of highest priority?
- A. Impaired physical mobility related to decreased endurance
 - B. Hypothermia r/t decreased metabolic rate
 - C. Disturbed thought processes r/t interstitial edema
 - D. Decreased cardiac output r/t bradycardia
26. The client presents to the clinic with a serum cholesterol of 275mg/dL and is placed on rosuvastatin (Crestor). Which instruction should be given to the client?
- A. Report muscle weakness to the physician.
 - B. Allow six months for the drug to take effect.
 - C. Take the medication with fruit juice.
 - D. Ask the doctor to perform a complete blood count before starting the medication.
27. The client is admitted to the hospital with hypertensive crises. Diazoxide (Hyperstat) is ordered. During administration, the nurse should:
- A. Utilize an infusion pump
 - B. Check the blood glucose level
 - C. Place the client in Trendelenburg position
 - D. Cover the solution with foil
28. The 6-month-old client with a ventral septal defect is receiving Digitalis for regulation of his heart rate. Which finding should be reported to the doctor?
- A. Blood pressure of 126/80
 - B. Blood glucose of 110mg/dL
 - C. Heart rate of 60bpm
 - D. Respiratory rate of 30 per minute
29. The client admitted with angina is given a prescription for nitroglycerine. The client should be instructed to:
- A. Replenish his supply every 3 months
 - B. Take one every 15 minutes if pain occurs
 - C. Leave the medication in the brown bottle
 - D. Crush the medication and take with water

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30. The client is instructed regarding foods that are low in fat and cholesterol. Which diet selection is lowest in saturated fats?
- A. Macaroni and cheese
 - B. Shrimp with rice
 - C. Turkey breast
 - D. Spaghetti
31. The client is admitted with left-sided congestive heart failure. In assessing the client for edema, the nurse should check the:
- A. Feet
 - B. Neck
 - C. Hands
 - D. Sacrum
32. The nurse is checking the client's central venous pressure. The nurse should place the zero of the manometer at the:
- A. Phlebostatic axis
 - B. PMI
 - C. Erb's point
 - D. Tail of Spence
33. The physician orders lisinopril (Zestril) and furosemide (Lasix) to be administered concomitantly to the client with hypertension. The nurse should:
- A. Question the order
 - B. Administer the medications
 - C. Administer separately
 - D. Contact the pharmacy
34. The best method of evaluating the amount of peripheral edema is:
- A. Weighing the client daily
 - B. Measuring the extremity
 - C. Measuring the intake and output
 - D. Checking for pitting

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35. A client with vaginal cancer is being treated with a radioactive vaginal implant. The client's husband asks the nurse if he can spend the night with his wife. The nurse should explain that:
- A. Overnight stays by family members is against hospital policy.
 - B. There is no need for him to stay because staffing is adequate.
 - C. His wife will rest much better knowing that he is at home.
 - D. Visitation is limited to 30 minutes when the implant is in place.
36. The nurse is caring for a client hospitalized with a facial stroke. Which diet selection would be suited to the client?
- A. Roast beef sandwich, potato chips, pickle spear, iced tea
 - B. Split pea soup, mashed potatoes, pudding, milk
 - C. Tomato soup, cheese toast, Jello, coffee
 - D. Hamburger, baked beans, fruit cup, iced tea
37. The physician has prescribed Novalog insulin for a client with diabetes mellitus. Which statement indicates that the client knows when the peak action of the insulin occurs?
- A. "I will make sure I eat breakfast within 10 minutes of taking my insulin."
 - B. "I will need to carry candy or some form of sugar with me all the time."
 - C. "I will eat a snack around three o'clock each afternoon."
 - D. "I can save my dessert from supper for a bedtime snack."
38. The nurse is teaching basic infant care to a group of first-time parents. The nurse should explain that a sponge bath is recommended for the first 2 weeks of life because:
- A. New parents need time to learn how to hold the baby.
 - B. The umbilical cord needs time to separate.
 - C. Newborn skin is easily traumatized by washing.
 - D. The chance of chilling the baby outweighs the benefits of bathing.

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39. A client with leukemia is receiving Trimetrexate. After reviewing the client's chart, the physician orders Wellcovorin (leucovorin calcium). The rationale for administering leucovorin calcium to a client receiving Trimetrexate is to:
- A. Treat iron-deficiency anemia caused by chemotherapeutic agents
 - B. Create a synergistic effect that shortens treatment time
 - C. Increase the number of circulating neutrophils
 - D. Reverse drug toxicity and prevent tissue damage
40. A 4-month-old is brought to the well-baby clinic for immunization. In addition to the DPT and polio vaccines, the baby should receive:
- A. Hib titer
 - B. Mumps vaccine
 - C. Hepatitis B vaccine
 - D. MMR
41. The physician has prescribed Nexium (esomeprazole) for a client with erosive gastritis. The nurse should administer the medication:
- A. 30 minutes before meals
 - B. With each meal
 - C. In a single dose at bedtime
 - D. 30 minutes after meals
42. A client on the psychiatric unit is in an uncontrolled rage and is threatening other clients and staff. What is the most appropriate action for the nurse to take?
- A. Call security for assistance and prepare to sedate the client.
 - B. Tell the client to calm down and ask him if he would like to play cards.
 - C. Tell the client that if he continues his behavior he will be punished.
 - D. Leave the client alone until he calms down.

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43. When the nurse checks the fundus of a client on the first postpartum day, she notes that the fundus is firm, is at the level of the umbilicus, and is displaced to the right. The next action the nurse should take is to:
- A. Check the client for bladder distention
 - B. Assess the blood pressure for hypotension
 - C. Determine whether an oxytocic drug was given
 - D. Check for the expulsion of small clots
44. A client is admitted to the hospital with a temperature of 99.8°F, complaints of blood-tinged hemoptysis, fatigue, and night sweats. The client's symptoms are consistent with a diagnosis of:
- A. Pneumonia
 - B. Reaction to antiviral medication
 - C. Tuberculosis
 - D. Superinfection due to low CD4 count
45. The client is seen in the clinic for treatment of migraine headaches. The drug Imitrex (sumatriptan succinate) is prescribed for the client. Which of the following in the client's history should be reported to the doctor?
- A. Diabetes
 - B. Prinzmetal's angina
 - C. Cancer
 - D. Cluster headaches
46. The client with suspected meningitis is admitted to the unit. The doctor is performing an assessment to determine meningeal irritation and spinal nerve root inflammation. A positive Kernig's sign is charted if the nurse notes:
- A. Pain on flexion of the hip and knee
 - B. Nuchal rigidity on flexion of the neck
 - C. Pain when the head is turned to the left side
 - D. Dizziness when changing positions
47. The client with Alzheimer's disease is being assisted with activities of daily living when the nurse notes that the client uses her toothbrush to brush her hair. The nurse is aware that the client is exhibiting:
- A. Agnosia
 - B. Apraxia
 - C. Anomia
 - D. Aphasia

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 Quick Check

48. The client with dementia is experiencing confusion late in the afternoon and before bedtime. The nurse is aware that the client is experiencing what is known as:
- A. Chronic fatigue syndrome
 - B. Normal aging
 - C. Sundowning
 - D. Delusions
49. The client with confusion says to the nurse, “I haven’t had anything to eat all day long. When are they going to bring breakfast?” The nurse saw the client in the day room eating breakfast with other clients 30 minutes before this conversation. Which response would be best for the nurse to make?
- A. “You know you had breakfast 30 minutes ago.”
 - B. “I am so sorry that they didn’t get you breakfast. I’ll report it to the charge nurse.”
 - C. “I’ll get you some juice and toast. Would you like something else?”
 - D. “You will have to wait a while; lunch will be here in a little while.”
50. The doctor has prescribed Exelon (rivastigmine) for the client with Alzheimer’s disease. Which side effect is most often associated with this drug?
- A. Urinary incontinence
 - B. Headaches
 - C. Confusion
 - D. Nausea
51. A client is admitted to the labor and delivery unit in active labor. During examination, the nurse notes a papular lesion on the perineum. Which initial action is most appropriate?
- A. Document the finding
 - B. Report the finding to the doctor
 - C. Prepare the client for a C-section
 - D. Continue primary care as prescribed
52. A client with a diagnosis of HPV is at risk for which of the following?
- A. Hodgkin’s lymphoma
 - B. Cervical cancer
 - C. Multiple myeloma
 - D. Ovarian cancer

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53. During the initial interview, the client reports that she has a lesion on the perineum. Further investigation reveals a small blister on the vulva that is painful to touch. The nurse is aware that the most likely source of the lesion is:
- A. Syphilis
 - B. Herpes
 - C. Gonorrhea
 - D. Condylomata
54. A client visiting a family planning clinic is suspected of having an STI. The best diagnostic test for *treponema pallidum* is:
- A. Venereal Disease Research Lab (VDRL)
 - B. Rapid plasma reagin (RPR)
 - C. Florescent treponemal antibody (FTA)
 - D. Thayer-Martin culture (TMC)
55. A 15-year-old primigravida is admitted with a tentative diagnosis of HELLP syndrome. Which laboratory finding is associated with HELLP syndrome?
- A. Elevated blood glucose
 - B. Elevated platelet count
 - C. Elevated creatinine clearance
 - D. Elevated hepatic enzymes
56. The nurse is assessing the deep tendon reflexes of a client with preeclampsia. Which method is used to elicit the biceps reflex?
- A. The nurse places her thumb on the muscle inset in the antecubital space and taps the thumb briskly with the reflex hammer.
 - B. The nurse loosely suspends the client's arm in an open hand while tapping the back of the client's elbow.
 - C. The nurse instructs the client to dangle her legs as the nurse strikes the area below the patella with the blunt side of the reflex hammer.
 - D. The nurse instructs the client to place her arms loosely at her side as the nurse strikes the muscle insert just above the wrist.

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57. A primigravida with diabetes is admitted to the labor and delivery unit at 34 weeks gestation. Which doctor's order should the nurse question?
- A. Magnesium sulfate 4gm (25%) IV
 - B. Brethine 10mcg IV
 - C. Stadol 1mg IV push every 4 hours as needed prn for pain
 - D. Ancef 2gm IVPB every 6 hours
58. A diabetic multigravida is scheduled for an amniocentesis at 32 weeks gestation to determine the L/S ratio and phosphatidyl glycerol level. The L/S ratio is 1:1 and the presence of phosphatidylglycerol is noted. The nurse's assessment of this data is:
- A. The infant is at low risk for congenital anomalies.
 - B. The infant is at high risk for intrauterine growth retardation.
 - C. The infant is at high risk for respiratory distress syndrome.
 - D. The infant is at high risk for birth trauma.
59. Which observation in the newborn of a diabetic mother would require immediate nursing intervention?
- A. Crying
 - B. Wakefulness
 - C. Jitteriness
 - D. Yawning
60. The nurse caring for a client receiving intravenous magnesium sulfate must closely observe for side effects associated with drug therapy. An expected side effect of magnesium sulfate is:
- A. Decreased urinary output
 - B. Hypersomnolence
 - C. Absence of knee jerk reflex
 - D. Decreased respiratory rate
61. The client has elected to have epidural anesthesia to relieve labor pain. If the client experiences hypotension, the nurse would:
- A. Place her in Trendelenburg position
 - B. Decrease the rate of IV infusion
 - C. Administer oxygen per nasal cannula
 - D. Increase the rate of the IV infusion

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62. A client has cancer of the pancreas. The nurse should be most concerned about which nursing diagnosis?
- A. Alteration in nutrition
 - B. Alteration in bowel elimination
 - C. Alteration in skin integrity
 - D. Ineffective individual coping
63. The nurse is caring for a client with ascites. Which is the best method to use for determining early ascites?
- A. Inspection of the abdomen for enlargement
 - B. Bimanual palpation for hepatomegaly
 - C. Daily measurement of abdominal girth
 - D. Assessment for a fluid wave
64. The client arrives in the emergency department after a motor vehicle accident. Nursing assessment findings include BP 80/34, pulse rate 120, and respirations 20. Which is the client's most appropriate priority nursing diagnosis?
- A. Alteration in cerebral tissue perfusion
 - B. Fluid volume deficit
 - C. Ineffective airway clearance
 - D. Alteration in sensory perception
65. The home health nurse is visiting an 18-year-old with osteogenesis imperfecta. Which information obtained on the visit would cause the most concern? The client:
- A. Likes to play football
 - B. Drinks several carbonated drinks per day
 - C. Has two sisters with sickle cell tract
 - D. Is taking acetaminophen to control pain
66. The nurse working the organ transplant unit is caring for a client with a white blood cell count of 450. During evening visitation, a visitor brings a basket of fruit. What action should the nurse take?
- A. Allow the client to keep the fruit
 - B. Place the fruit next to the bed for easy access by the client
 - C. Offer to wash the fruit for the client
 - D. Tell the family members to take the fruit home

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67. The nurse is caring for the client following a laryngectomy when suddenly the client becomes nonresponsive and pale, with a BP of 90/40 systolic. The initial nurse's action should be to:
- A. Place the client in Trendelenburg position
 - B. Increase the infusion of Dextrose in normal saline
 - C. Administer atropine intravenously
 - D. Move the emergency cart to the bedside
68. The client admitted 2 days earlier with a lung resection accidentally pulls out the chest tube. Which action by the nurse indicates understanding of the management of chest tubes?
- A. Order a chest x-ray
 - B. Reinsert the tube
 - C. Cover the insertion site with a Vaseline gauze
 - D. Call the doctor
69. A client being treated with sodium warfarin has a Protime of 120 seconds. Which intervention would be most important to include in the nursing care plan?
- A. Assess for signs of abnormal bleeding
 - B. Anticipate an increase in the Coumadin dosage
 - C. Instruct the client regarding the drug therapy
 - D. Increase the frequency of neurological assessments
70. Which selection would provide the most calcium for the client who is 4 months pregnant?
- A. A granola bar
 - B. A bran muffin
 - C. A cup of yogurt
 - D. A glass of fruit juice
71. The client with preeclampsia is admitted to the unit with an order for magnesium sulfate. Which action by the nurse indicates understanding of the possible side effects of magnesium sulfate?
- A. The nurse places a sign over the bed not to check blood pressure in the right arm.
 - B. The nurse places a padded tongue blade at the bedside.
 - C. The nurse inserts a Foley catheter.
 - D. The nurse darkens the room.

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72. A 6-year-old client is admitted to the unit with a hemoglobin of 6g/dL. The physician has written an order to transfuse 2 units of whole blood. When discussing the treatment, the child's mother tells the nurse that she does not believe in having blood transfusions and that she will not allow her child to have the treatment. What nursing action is most appropriate?
- A. Ask the mother to leave while the blood transfusion is in progress
 - B. Encourage the mother to reconsider
 - C. Explain the consequences without treatment
 - D. Notify the physician of the mother's refusal
73. A client is admitted to the unit 2 hours after an explosion causes burns to the face. The nurse would be most concerned with the client developing which of the following?
- A. Hypovolemia
 - B. Laryngeal edema
 - C. Hyponatremia
 - D. Hyperkalemia
74. The nurse is evaluating nutritional outcomes for an elderly client with bulimia. Which data best indicates that the plan of care is effective?
- A. The client selects a balanced diet from the menu.
 - B. The client's hemoglobin and hematocrit improve.
 - C. The client's tissue turgor improves.
 - D. The client gains weight.
75. The client is admitted following repair of a fractured tibia and cast application. Which nursing assessment should be reported to the doctor?
- A. Pain beneath the cast
 - B. Warm toes
 - C. Pedal pulses weak and rapid
 - D. Paresthesia of the toes
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76. The client is having an arteriogram. During the procedure, the client tells the nurse, "I'm feeling really hot." Which response would be best?
- A. "You are having an allergic reaction. I will get an order for Benadryl."
 - B. "That feeling of warmth is normal when the dye is injected."
 - C. "That feeling of warmth indicates that the clots in the coronary vessels are dissolving."
 - D. "I will tell your doctor and let him explain to you the reason for the hot feeling that you are experiencing."
77. The nurse is observing several healthcare workers providing care. Which action by the healthcare worker indicates a need for further teaching?
- A. The nursing assistant wears gloves while giving the client a bath.
 - B. The nurse wears goggles while drawing blood from the client.
 - C. The doctor washes his hands before examining the client.
 - D. The nurse wears gloves to take the client's vital signs.
78. The client is having electroconvulsive therapy for treatment of severe depression. Which of the following indicates that the client's ECT has been effective?
- A. The client loses consciousness.
 - B. The client vomits.
 - C. The client's ECG indicates tachycardia.
 - D. The client has a grand mal seizure.
79. The 5-year-old is being tested for enterobiasis (pinworms). To collect a specimen for assessment of pinworms, the nurse should teach the mother to:
- A. Examine the perianal area with a flashlight 2 or 3 hours after the child is asleep
 - B. Scrape the skin with a piece of cardboard and bring it to the clinic
 - C. Obtain a stool specimen in the afternoon
 - D. Bring a hair sample to the clinic for evaluation

Quick Answer: **224**Detailed Answer: **236**Quick Answer: **224**Detailed Answer: **236**Quick Answer: **224**Detailed Answer: **236**Quick Answer: **224**Detailed Answer: **236**

Quick Check

80. The nurse is teaching the mother regarding treatment for enterobiasis. Which instruction should be given regarding the medication?

- A. Treatment is not recommended for children less than 10 years of age.
- B. The entire family should be treated.
- C. Medication therapy will continue for 1 year.
- D. Intravenous antibiotic therapy will be ordered.

81. The registered nurse is making assignments for the day. Which client should be assigned to the pregnant nurse?

- A. The client receiving linear accelerator radiation therapy for lung cancer
- B. The client with a radium implant for cervical cancer
- C. The client who has just been administered soluble brachytherapy for thyroid cancer
- D. The client who returned from placement of iridium seeds for prostate cancer

82. The nurse is planning room assignments for the day. Which client should be assigned to a private room if only one is available?

- A. The client with Cushing's disease
- B. The client with diabetes
- C. The client with acromegaly
- D. The client with myxedema

83. The nurse caring for a client in the neonatal intensive care unit administers adult-strength Digitalis to the 3-pound infant. As a result of her actions, the baby suffers permanent heart and brain damage. The nurse can be charged with:

- A. Negligence
- B. Tort
- C. Assault
- D. Malpractice

84. Which assignment should not be performed by the licensed practical nurse?

- A. Inserting a Foley catheter
- B. Discontinuing a nasogastric tube
- C. Obtaining a sputum specimen
- D. Starting a blood transfusion

Quick Answer: **224**

Detailed Answer: **236**

Quick Answer: **224**

Detailed Answer: **237**

Quick Answer: **224**

Detailed Answer: **237**

Quick Answer: **224**

Detailed Answer: **237**

Quick Answer: **224**

Detailed Answer: **237**

 Quick Check

85. The client returns to the unit from surgery with a blood pressure of 90/50, pulse 132, and respirations 30. Which action by the nurse should receive priority?
- A. Continuing to monitor the vital signs
 - B. Contacting the physician
 - C. Asking the client how he feels
 - D. Asking the LPN to continue the post-op care
86. Which nurse should be assigned to care for the postpartal client with preeclampsia?
- A. The RN with 2 weeks of experience in postpartum
 - B. The RN with 3 years of experience in labor and delivery
 - C. The RN with 10 years of experience in surgery
 - D. The RN with 1 year of experience in the neonatal intensive care unit
87. Which information should be reported to the state Board of Nursing?
- A. The facility fails to provide literature in both Spanish and English.
 - B. The narcotic count has been incorrect on the unit for the past 3 days.
 - C. The client fails to receive an itemized account of his bills and services received during his hospital stay.
 - D. The nursing assistant assigned to the client with hepatitis fails to feed the client and give the bath.
88. The nurse is suspected of charting medication administration that he did not give. After talking to the nurse, the charge nurse should:
- A. Call the Board of Nursing
 - B. File a formal reprimand
 - C. Terminate the nurse
 - D. Charge the nurse with a tort
89. The home health nurse is planning for the day's visits. Which client should be seen first?
- A. The 78-year-old who had a gastrectomy 3 weeks ago and has a PEG tube
 - B. The 5-month-old discharged 1 week ago with pneumonia who is being treated with amoxicillin liquid suspension
 - C. The 50-year-old with MRSA being treated with Vancomycin via a PICC line
 - D. The 30-year-old with an exacerbation of multiple sclerosis being treated with cortisone via a centrally placed venous catheter

Quick Answer: **224**
Detailed Answer: **237**

Quick Answer: **224**
Detailed Answer: **237**

Quick Answer: **224**
Detailed Answer: **237**

Quick Answer: **224**
Detailed Answer: **237**

Quick Answer: **224**
Detailed Answer: **238**

Quick Check

90. The emergency room is flooded with clients injured in a tornado. Which clients can be assigned to share a room in the emergency department during the disaster?

- A. A schizophrenic client having visual and auditory hallucinations and the client with ulcerative colitis
- B. The client who is 6 months pregnant with abdominal pain and the client with facial lacerations and a broken arm
- C. A child whose pupils are fixed and dilated and his parents, and a client with a frontal head injury
- D. The client who arrives with a large puncture wound to the abdomen and the client with chest pain

Quick Answer: **224**Detailed Answer: **238**

91. The nurse is caring for a 6-year-old client admitted with a diagnosis of conjunctivitis. Before administering eyedrops, the nurse should recognize that it is essential to consider which of the following?

- A. The eye should be cleansed with warm water, removing any exudate, before instilling the eyedrops.
- B. The child should be allowed to instill his own eyedrops.
- C. The mother should be allowed to instill the eyedrops.
- D. If the eye is clear from any redness or edema, the eyedrops should be held.

Quick Answer: **224**Detailed Answer: **238**

92. The nurse is discussing meal planning with the mother of a 2-year-old toddler. Which of the following statements, if made by the mother, would require a need for further instruction?

- A. "It is okay to give my child white grape juice for breakfast."
- B. "My child can have a grilled cheese sandwich for lunch."
- C. "We are going on a camping trip this weekend, and I have bought hot dogs to grill for his lunch."
- D. "For a snack, my child can have ice cream."

Quick Answer: **224**Detailed Answer: **238**

93. A 2-year-old toddler is admitted to the hospital. Which of the following nursing interventions would you expect?

- A. Ask the parent/guardian to leave the room when assessments are being performed.
- B. Ask the parent/guardian to take the child's favorite blanket home because anything from the outside should not be brought into the hospital.
- C. Ask the parent/guardian to room-in with the child.
- D. If the child is screaming, tell him this is inappropriate behavior.

Quick Answer: **224**Detailed Answer: **238**

 Quick Check

94. Which instruction should be given to the client who is fitted for a behind-the-ear hearing aid?
- A. Remove the mold and clean every week.
 - B. Store the hearing aid in a warm place.
 - C. Clean the lint from the hearing aid with a toothpick.
 - D. Change the batteries weekly.
95. A priority nursing diagnosis for a child being admitted from surgery following a tonsillectomy is:
- A. Body image disturbance
 - B. Impaired verbal communication
 - C. Risk for aspiration
 - D. Pain
96. A client with bacterial pneumonia is admitted to the pediatric unit. What would the nurse expect the admitting assessment to reveal?
- A. High fever
 - B. Nonproductive cough
 - C. Rhinitis
 - D. Vomiting and diarrhea
97. The nurse is caring for a client admitted with epiglottitis. Because of the possibility of complete obstruction of the airway, which of the following should the nurse have available?
- A. Intravenous access supplies
 - B. A tracheostomy set
 - C. Intravenous fluid administration pump
 - D. Supplemental oxygen
98. A 25-year-old client with Grave's disease is admitted to the unit. What would the nurse expect the admitting assessment to reveal?
- A. Bradycardia
 - B. Decreased appetite
 - C. Exophthalmos
 - D. Weight gain
- Quick Answer: **224**
Detailed Answer: **238**
- Quick Answer: **224**
Detailed Answer: **238**
- Quick Answer: **224**
Detailed Answer: **239**
- Quick Answer: **224**
Detailed Answer: **239**
- Quick Answer: **224**
Detailed Answer: **239**

Quick Check

99. The nurse is providing dietary instructions to the mother of an 8-year-old child diagnosed with celiac disease. Which of the following foods, if selected by the mother, would indicate her understanding of the dietary instructions?
- A. Ham sandwich on whole-wheat toast
 - B. Spaghetti and meatballs
 - C. Hamburger with ketchup
 - D. Cheese omelet
100. The nurse is caring for an 80-year-old with chronic bronchitis. Upon the morning rounds, the nurse finds an O_2 sat of 76%. Which of the following actions should the nurse take first?
- A. Notify the physician
 - B. Recheck the O_2 saturation level in 15 minutes
 - C. Apply oxygen by mask
 - D. Assess the child's pulse
101. A gravida III para 0 is admitted to the labor and delivery unit. The doctor performs an amniotomy. Which observation would the nurse be expected to make after the amniotomy?
- A. Fetal heart tones 160bpm
 - B. A moderate amount of straw-colored fluid
 - C. A small amount of greenish fluid
 - D. A small segment of the umbilical cord
102. The client is admitted to the unit. A vaginal exam reveals that she is 2cm dilated. Which of the following statements would the nurse expect her to make?
- A. "We have a name picked out for the baby."
 - B. "I need to push when I have a contraction."
 - C. "I can't concentrate if anyone is touching me."
 - D. "When can I get my epidural?"
103. The client is having fetal heart rates of 90–110bpm during the contractions. The first action the nurse should take is:
- A. Reposition the monitor
 - B. Turn the client to her left side
 - C. Ask the client to ambulate
 - D. Prepare the client for delivery
- Quick Answer: **224**
Detailed Answer: **239**
- Quick Answer: **224**
Detailed Answer: **239**
- Quick Answer: **224**
Detailed Answer: **239**
- Quick Answer: **224**
Detailed Answer: **239**

 **Quick Check**

104. In evaluating the effectiveness of IV Pitocin for a client with secondary dystocia, the nurse should expect:
- A. A painless delivery
 - B. Cervical effacement
 - C. Infrequent contractions
 - D. Progressive cervical dilation
105. A vaginal exam reveals a footling breech presentation. The nurse should take which of the following actions at this time?
- A. Anticipate the need for a Caesarean section
 - B. Apply the fetal heart monitor
 - C. Place the client in Genu Pectoral position
 - D. Perform an ultrasound exam
106. A vaginal exam reveals that the cervix is 4cm dilated, with intact membranes and a fetal heart tone rate of 160–170bpm. The nurse decides to apply an external fetal monitor. The rationale for this implementation is:
- A. The cervix is closed.
 - B. The membranes are still intact.
 - C. The fetal heart tones are within normal limits.
 - D. The contractions are intense enough for insertion of an internal monitor.
107. The following are all nursing diagnoses appropriate for a gravida 1 para 0 in labor. Which one would be most appropriate for the primagravida as she completes the early phase of labor?
- A. Impaired gas exchange related to hyperventilation
 - B. Alteration in placental perfusion related to maternal position
 - C. Impaired physical mobility related to fetal-monitoring equipment
 - D. Potential fluid volume deficit related to decreased fluid intake
108. As the client reaches 8cm dilation, the nurse notes late decelerations on the fetal monitor. The FHR baseline is 165–175bpm with variability of 0–2bpm. What is the most likely explanation of this pattern?
- A. The baby is asleep.
 - B. The umbilical cord is compressed.
 - C. There is a vagal response.
 - D. There is uteroplacental insufficiency.

Quick Answer: **224**
Detailed Answer: **239**

Quick Answer: **225**
Detailed Answer: **240**

Quick Answer: **225**
Detailed Answer: **240**

Quick Answer: **225**
Detailed Answer: **240**

Quick Answer: **225**
Detailed Answer: **240**

Quick Check

109. The nurse notes variable decelerations on the fetal monitor strip. The most appropriate initial action would be to:

- A. Notify her doctor
- B. Start an IV
- C. Reposition the client
- D. Readjust the monitor

Quick Answer: **225**Detailed Answer: **240**

110. Which of the following is a characteristic of a reassuring fetal heart rate pattern?

- A. A fetal heart rate of 170–180bpm
- B. A baseline variability of 25–35bpm
- C. Ominous periodic changes
- D. Acceleration of FHR with fetal movements

Quick Answer: **225**Detailed Answer: **240**

111. The rationale for inserting a French catheter every hour for the client with epidural anesthesia is:

- A. The bladder fills more rapidly because of the medication used for the epidural.
- B. Her level of consciousness is such that she is in a trancelike state.
- C. The sensation of the bladder filling is diminished or lost.
- D. She is embarrassed to ask for the bedpan that frequently.

Quick Answer: **225**Detailed Answer: **240**

112. A client in the family planning clinic asks the nurse about the most likely time for her to conceive. The nurse explains that conception is most likely to occur when:

- A. Estrogen levels are low.
- B. Lutenizing hormone is high.
- C. The endometrial lining is thin.
- D. The progesterone level is low.

Quick Answer: **225**Detailed Answer: **240**

113. A client tells the nurse that she plans to use the rhythm method of birth control. The nurse is aware that the success of the rhythm method depends on the:

- A. Age of the client
- B. Frequency of intercourse
- C. Regularity of the menses
- D. Range of the client's temperature

Quick Answer: **225**Detailed Answer: **241**

 Quick Check

114. A client with diabetes asks the nurse for advice regarding methods of birth control. Which method of birth control is most suitable for the client with diabetes?
- A. Intrauterine device
 - B. Oral contraceptives
 - C. Diaphragm
 - D. Contraceptive sponge
115. The doctor suspects that the client has an ectopic pregnancy. Which symptom is consistent with a diagnosis of ectopic pregnancy?
- A. Painless vaginal bleeding
 - B. Abdominal cramping
 - C. Throbbing pain in the upper quadrant
 - D. Sudden, stabbing pain in the lower quadrant
116. The nurse is teaching a pregnant client about nutritional needs during pregnancy. Which menu selection will best meet the nutritional needs of the pregnant client?
- A. Hamburger pattie, green beans, French fries, and iced tea
 - B. Roast beef sandwich, potato chips, baked beans, and cola
 - C. Baked chicken, fruit cup, potato salad, coleslaw, yogurt, and iced tea
 - D. Fish sandwich, gelatin with fruit, and coffee
117. The client with hyperemesis gravidarum is at risk for developing:
- A. Respiratory alkalosis without dehydration
 - B. Metabolic acidosis with dehydration
 - C. Respiratory acidosis without dehydration
 - D. Metabolic alkalosis with dehydration
118. A client tells the doctor that she is about 20 weeks pregnant. The most definitive sign of pregnancy is:
- A. Elevated human chorionic gonadatropin
 - B. The presence of fetal heart tones
 - C. Uterine enlargement
 - D. Breast enlargement and tenderness

Quick Answer: **225**Detailed Answer: **241**Quick Answer: **225**Detailed Answer: **241**Quick Answer: **225**Detailed Answer: **241**Quick Answer: **225**Detailed Answer: **241**Quick Answer: **225**Detailed Answer: **241**

Quick Check

119. The nurse is caring for a neonate whose mother is diabetic. The nurse will expect the neonate to be:

- A. Hypoglycemic, small for gestational age
- B. Hyperglycemic, large for gestational age
- C. Hypoglycemic, large for gestational age
- D. Hyperglycemic, small for gestational age

Quick Answer: **225**
Detailed Answer: **241**

120. Which of the following instructions should be included in the nurse's teaching regarding oral contraceptives?

- A. Weight gain should be reported to the physician.
- B. An alternate method of birth control is needed when taking antibiotics.
- C. If the client misses one or more pills, two pills should be taken per day for 1 week.
- D. Changes in the menstrual flow should be reported to the physician.

Quick Answer: **225**
Detailed Answer: **242**

121. The nurse is discussing breastfeeding with a postpartum client. Breastfeeding is contraindicated in the postpartum client with:

- A. Diabetes
- B. Positive HIV
- C. Hypertension
- D. Thyroid disease

Quick Answer: **225**
Detailed Answer: **242**

122. A client is admitted to the labor and delivery unit complaining of vaginal bleeding with very little discomfort. The nurse's first action should be to:

- A. Assess the fetal heart tones
- B. Check for cervical dilation
- C. Check for firmness of the uterus
- D. Obtain a detailed history

Quick Answer: **225**
Detailed Answer: **242**

123. A client telephones the emergency room stating that she thinks that she is in labor. The nurse should tell the client that labor has probably begun when:

- A. Her contractions are 2 minutes apart.
- B. She has back pain and a bloody discharge.
- C. She experiences abdominal pain and frequent urination.
- D. Her contractions are 5 minutes apart.

Quick Answer: **225**
Detailed Answer: **242**

 Quick Check

124. The nurse is teaching a group of prenatal clients about the effects of cigarette smoke on fetal development. Which characteristic is associated with babies born to mothers who smoked during pregnancy?
- A. Low birth weight
 - B. Large for gestational age
 - C. Preterm birth, but appropriate size for gestation
 - D. Growth retardation in weight and length
125. The physician has ordered an injection of RhoGam for the postpartum client whose blood type is A negative but whose baby is O positive. To provide postpartum prophylaxis, RhoGam should be administered:
- A. Within 72 hours of delivery
 - B. Within 1 week of delivery
 - C. Within 2 weeks of delivery
 - D. Within 1 month of delivery
126. After the physician performs an amniotomy, the nurse's first action should be to assess the:
- A. Degree of cervical dilation
 - B. Fetal heart tones
 - C. Client's vital signs
 - D. Client's level of discomfort
127. A client is admitted to the labor and delivery unit. The nurse performs a vaginal exam and determines that the client's cervix is 5cm dilated with 75% effacement. Based on the nurse's assessment the client is in which phase of labor?
- A. Active
 - B. Latent
 - C. Transition
 - D. Early
128. A newborn with narcotic abstinence syndrome is admitted to the nursery. Nursing care of the newborn should include:
- A. Teaching the mother to provide tactile stimulation
 - B. Wrapping the newborn snugly in a blanket
 - C. Placing the newborn in the infant seat
 - D. Initiating an early infant-stimulation program

Quick Answer: 225
Detailed Answer: 242

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Detailed Answer: 243

Quick Answer: 225
Detailed Answer: 243

Quick Check

129. A client elects to have epidural anesthesia to relieve the discomfort of labor. Following the initiation of epidural anesthesia, the nurse should give priority to:
- A. Checking for cervical dilation
 - B. Placing the client in a supine position
 - C. Checking the client's blood pressure
 - D. Obtaining a fetal heart rate
130. The nurse is aware that the best way to prevent postoperative wound infection in the surgical client is to:
- A. Administer a prescribed antibiotic
 - B. Wash her hands for 2 minutes before care
 - C. Wear a mask when providing care
 - D. Ask the client to cover her mouth when she coughs
131. The elderly client is admitted to the emergency room. Which symptom is the client with a fractured hip most likely to exhibit?
- A. Pain
 - B. Disalignment
 - C. Cool extremity
 - D. Absence of pedal pulses
132. The nurse knows that a 60-year-old female client's susceptibility to osteoporosis is most likely related to:
- A. Lack of exercise
 - B. Hormonal disturbances
 - C. Lack of calcium
 - D. Genetic predisposition
133. A 2-year-old is admitted for repair of a fractured femur and is placed in Bryant's traction. Which finding by the nurse indicates that the traction is working properly?
- A. The infant no longer complains of pain.
 - B. The buttocks are 15° off the bed.
 - C. The legs are suspended in the traction.
 - D. The pins are secured within the pulley.
134. A client with a fractured hip has been placed in Buck's traction. Which statement is true regarding balanced skeletal traction? Balanced skeletal traction:
- A. Utilizes a Steinman pin
 - B. Requires that both legs be secured
 - C. Utilizes Kirschner wires
 - D. Is used primarily to heal the fractured hips

Quick Answer: **225**
Detailed Answer: **243**

Quick Answer: **225**
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Quick Answer: **225**
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Quick Answer: **225**
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Quick Answer: **225**
Detailed Answer: **243**

Quick Answer: **225**
Detailed Answer: **244**

 Quick Check

135. The client is admitted for an open reduction internal fixation of a fractured hip. Immediately following surgery, the nurse should give priority to assessing the:
- A. Serum collection (Davol) drain
 - B. Client's pain
 - C. Nutritional status
 - D. Immobilizer
136. Which statement made by the family member caring for the client with a percutaneous gastrostomy tube indicates understanding of the nurse's teaching?
- A. "I must flush the tube with water after feedings and clamp the tube."
 - B. "I must check placement four times per day."
 - C. "I will report to the doctor any signs of indigestion."
 - D. "If my father is unable to swallow, I will discontinue the feeding and call the clinic."
137. The nurse is assessing the client with a total knee replacement 2 hours post-operative. Which information requires notification of the doctor?
- A. Bleeding on the dressing is 3 cm in diameter.
 - B. The client has a temperature of 100.6°F.
 - C. The client's hematocrit is 26%.
 - D. The urinary output has been 60 during the last 2 hours.
138. The nurse is caring for the client with a 5-year-old diagnosis of plumbism. Which information in the health history is most likely related to the development of plumbism?
- A. The client has traveled out of the country in the last 6 months.
 - B. The client's parents are skilled stained-glass artists.
 - C. The client lives in a house built in 1990.
 - D. The client has several brothers and sisters.
139. A client with a total hip replacement requires special equipment. Which equipment would assist the client with a total hip replacement with activities of daily living?
- A. High-seat commode
 - B. Recliner
 - C. TENS unit
 - D. Abduction pillow

Quick Answer: **225**
Detailed Answer: **244**

Quick Answer: **225**
Detailed Answer: **244**

Quick Answer: **225**
Detailed Answer: **244**

Quick Answer: **225**
Detailed Answer: **244**

Quick Answer: **225**
Detailed Answer: **244**

Quick Check

140. An elderly client with an abdominal surgery is admitted to the unit following surgery. In anticipation of complications of anesthesia and narcotic administration, the nurse should:
- A. Administer oxygen via nasal cannula
 - B. Have narcan (naloxane) available
 - C. Prepare to administer blood products
 - D. Prepare to do cardioresuscitation
141. Which roommate would be most suitable for the 6-year-old male with a fractured femur in Russell's traction?
- A. 16-year-old female with scoliosis
 - B. 12-year-old male with a fractured femur
 - C. 10-year-old male with sarcoma
 - D. 6-year-old male with osteomyelitis
142. A client with osteoarthritis has a prescription for Celebrex (celecoxib). Which instruction should be included in the discharge teaching?
- A. Take the medication with milk.
 - B. Report chest pain.
 - C. Remain upright after taking for 30 minutes.
 - D. Allow 6 weeks for optimal effects.
143. A client with a fractured tibia has a plaster-of-Paris cast applied to immobilize the fracture. Which action by the nurse indicates understanding of a plaster-of-Paris cast? The nurse:
- A. Handles the cast with the fingertips
 - B. Petals the cast
 - C. Dries the cast with a hair dryer
 - D. Allows 24 hours before bearing weight
144. The teenager with a fiberglass cast asks the nurse if it will be okay to allow his friends to autograph his cast. Which response would be best?
- A. "It will be alright for your friends to autograph the cast."
 - B. "Because the cast is made of plaster, autographing can weaken the cast."
 - C. "If they don't use chalk to autograph, it is okay."
 - D. "Autographing or writing on the cast in any form will harm the cast."

Quick Answer: **225**
Detailed Answer: **245**

Quick Answer: **225**
Detailed Answer: **245**

Quick Answer: **225**
Detailed Answer: **245**

Quick Answer: **225**
Detailed Answer: **245**

Quick Answer: **225**
Detailed Answer: **245**

 Quick Check

145. The nurse is assigned to care for the client with a Steinmen pin. During pin care, she notes that the LPN uses sterile gloves and Q-tips to clean the pin. Which action should the nurse take at this time?

- A. Assisting the LPN with opening sterile packages and peroxide
- B. Telling the LPN that clean gloves are allowed
- C. Telling the LPN that the registered nurse should perform pin care
- D. Asking the LPN to clean the weights and pulleys with peroxide

Quick Answer: **225**Detailed Answer: **245**

146. A child with scoliosis has a spica cast applied. Which action specific to the spica cast should be taken?

- A. Check the bowel sounds
- B. Assess the blood pressure
- C. Offer pain medication
- D. Check for swelling

Quick Answer: **225**Detailed Answer: **245**

147. The client with a cervical fracture is placed in traction. Which type of traction will be utilized at the time of discharge?

- A. Russell's traction
- B. Buck's traction
- C. Halo traction
- D. Crutchfield tong traction

Quick Answer: **225**Detailed Answer: **246**

148. A client with a total knee replacement has a CPM (continuous passive motion device) applied during the post-operative period. Which statement made by the nurse indicates understanding of the CPM machine?

- A. "Use of the CPM will permit the client to ambulate during the therapy."
- B. "The CPM machine controls should be positioned distal to the site."
- C. "If the client complains of pain during the therapy, I will turn off the machine and call the doctor."
- D. "Use of the CPM machine will alleviate the need for physical therapy after the client is discharged."

Quick Answer: **225**Detailed Answer: **246**

Quick Check

149. A client with a fractured hip is being taught correct use of the walker. The nurse is aware that the correct use of the walker is achieved if the:
- A. Palms rest lightly on the handles
 - B. Elbows are flexed 0°
 - C. Client walks to the front of the walker
 - D. Client carries the walker
150. When assessing a laboring client, the nurse finds a prolapsed cord. The nurse should:
- A. Attempt to replace the cord
 - B. Place the client on her left side
 - C. Elevate the client's hips
 - D. Cover the cord with a dry, sterile gauze
151. The nurse is caring for a 30-year-old male admitted with a stab wound. While in the emergency room, a chest tube is inserted. Which of the following explains the primary rationale for insertion of chest tubes?
- A. The tube will allow for equalization of the lung expansion.
 - B. Chest tubes serve as a method of draining blood and serous fluid and assist in reinflating the lungs.
 - C. Chest tubes relieve pain associated with a collapsed lung.
 - D. Chest tubes assist with cardiac function by stabilizing lung expansion.
152. A client who delivered this morning tells the nurse that she plans to breastfeed her baby. The nurse is aware that successful breastfeeding is most dependent on the:
- A. Mother's educational level
 - B. Infant's birth weight
 - C. Size of the mother's breast
 - D. Mother's desire to breastfeed
153. The nurse is monitoring the progress of a client in labor. Which finding should be reported to the physician immediately?
- A. The presence of scant bloody discharge
 - B. Frequent urination
 - C. The presence of green-tinged amniotic fluid
 - D. Moderate uterine contractions

Quick Answer: **225**Detailed Answer: **246**Quick Answer: **225**Detailed Answer: **246**Quick Answer: **225**Detailed Answer: **246**Quick Answer: **225**Detailed Answer: **246**Quick Answer: **225**Detailed Answer: **246**

 Quick Check

154. The nurse is measuring the duration of the client's contractions. Which statement is true regarding the measurement of the duration of contractions?
- A. Duration is measured by timing from the beginning of one contraction to the beginning of the next contraction.
 - B. Duration is measured by timing from the end of one contraction to the beginning of the next contraction.
 - C. Duration is measured by timing from the beginning of one contraction to the end of the same contraction.
 - D. Duration is measured by timing from the peak of one contraction to the end of the same contraction.
155. The physician has ordered an intravenous infusion of Pitocin for the induction of labor. When caring for the obstetric client receiving intravenous Pitocin, the nurse should monitor for:
- A. Maternal hypoglycemia
 - B. Fetal bradycardia
 - C. Maternal hyperreflexia
 - D. Fetal movement
156. A client with diabetes visits the prenatal clinic at 28 weeks gestation. Which statement is true regarding insulin needs during pregnancy?
- A. Insulin requirements moderate as the pregnancy progresses.
 - B. A decreased need for insulin occurs during the second trimester.
 - C. Elevations in human chorionic gonadotrophin decrease the need for insulin.
 - D. Fetal development depends on adequate insulin regulation.
157. A client in the prenatal clinic is assessed to have a blood pressure of 180/96. The nurse should give priority to:
- A. Providing a calm environment
 - B. Obtaining a diet history
 - C. Administering an analgesic
 - D. Assessing fetal heart tones
158. A primigravida, age 42, is 6 weeks pregnant. Based on the client's age, her infant is at risk for:
- A. Down syndrome
 - B. Respiratory distress syndrome
 - C. Turner's syndrome
 - D. Pathological jaundice

Quick Answer: **225**Detailed Answer: **247**Quick Answer: **225**Detailed Answer: **247**Quick Answer: **225**Detailed Answer: **247**Quick Answer: **225**Detailed Answer: **247**Quick Answer: **225**Detailed Answer: **247**

Quick Check

159. A client with a missed abortion at 29 weeks gestation is admitted to the hospital. The client will most likely be treated with:
- A. Magnesium sulfate
 - B. Calcium gluconate
 - C. Dinoprostone (Prostin E.)
 - D. Bromocryistine (Pardel)
160. A client with preeclampsia has been receiving an infusion containing magnesium sulfate for a blood pressure that is 160/80; deep tendon reflexes are 1 plus, and the urinary output for the past hour is 100mL. The nurse should:
- A. Continue the infusion of magnesium sulfate while monitoring the client's blood pressure
 - B. Stop the infusion of magnesium sulfate and contact the physician
 - C. Slow the infusion rate and turn the client on her left side
 - D. Administer calcium gluconate IV push and continue to monitor the blood pressure
161. Which statement made by the nurse describes the inheritance pattern of autosomal recessive disorders?
- A. An affected newborn has unaffected parents.
 - B. An affected newborn has one affected parent.
 - C. Affected parents have a one in four chance of passing on the defective gene.
 - D. Affected parents have unaffected children who are carriers.
162. A pregnant client, age 32, asks the nurse why her doctor has recommended a serum alpha fetoprotein. The nurse should explain that the doctor has recommended the test:
- A. Because it is a state law
 - B. To detect cardiovascular defects
 - C. Because of her age
 - D. To detect neurological defects

Quick Answer: **225**Detailed Answer: **247**Quick Answer: **225**Detailed Answer: **247**Quick Answer: **225**Detailed Answer: **248**Quick Answer: **225**Detailed Answer: **248**

 Quick Check

163. A client with hypothyroidism asks the nurse if she will still need to take thyroid medication during the pregnancy. The nurse's response is based on the knowledge that:

- A. There is no need to take thyroid medication because the fetus's thyroid produces a thyroid-stimulating hormone.
- B. Regulation of thyroid medication is more difficult because the thyroid gland increases in size during pregnancy.
- C. It is more difficult to maintain thyroid regulation during pregnancy due to a slowing of metabolism.
- D. Fetal growth is arrested if thyroid medication is continued during pregnancy.

Quick Answer: **225**Detailed Answer: **248**

164. The nurse is responsible for performing a neonatal assessment on a full-term infant. At 1 minute, the nurse could expect to find:

- A. An apical pulse of 100
- B. An absence of tonus
- C. Cyanosis of the feet and hands
- D. Jaundice of the skin and sclera

Quick Answer: **225**Detailed Answer: **248**

165. A client with sickle cell anemia is admitted to the labor and delivery unit during the first phase of labor. The nurse should anticipate the client's need for:

- A. Supplemental oxygen
- B. Fluid restriction
- C. Blood transfusion
- D. Delivery by Caesarean section

Quick Answer: **225**Detailed Answer: **248**

166. A client with diabetes has an order for ultrasonography. Preparation for an ultrasound includes:

- A. Increasing fluid intake
- B. Limiting ambulation
- C. Administering an enema
- D. Withholding food for 8 hours

Quick Answer: **225**Detailed Answer: **248**

167. An infant who weighs 8 pounds at birth would be expected to weigh how many pounds at 1 year?

- A. 14 pounds
- B. 16 pounds
- C. 18 pounds
- D. 24 pounds

Quick Answer: **225**Detailed Answer: **248**

Quick Check

168. A pregnant client with a history of alcohol addiction is scheduled for a nonstress test. The nonstress test:
- A. Determines the lung maturity of the fetus
 - B. Measures the activity of the fetus
 - C. Shows the effect of contractions on the fetal heart rate
 - D. Measures the neurological well-being of the fetus
169. A full-term male has hypospadias. Which statement describes hypospadias?
- A. The urethral opening is absent.
 - B. The urethra opens on the dorsal side of the penis.
 - C. The penis is shorter than usual.
 - D. The urethra opens on the ventral side of the penis.
170. A gravida III para II is admitted to the labor unit. Vaginal exam reveals that the client's cervix is 8cm dilated, with complete effacement. The priority nursing diagnosis at this time is:
- A. Alteration in coping related to pain
 - B. Potential for injury related to precipitate delivery
 - C. Alteration in elimination related to anesthesia
 - D. Potential for fluid volume deficit related to NPO status
171. The client with varicella will most likely have an order for which category of medication?
- A. Antibiotics
 - B. Antipyretics
 - C. Antivirals
 - D. Anticoagulants
172. A client is admitted complaining of chest pain. Which of the following drug orders should the nurse question?
- A. Nitroglycerin
 - B. Ampicillin
 - C. Propranolol
 - D. Verapamil
173. Which of the following instructions should be included in the teaching for the client with rheumatoid arthritis?
- A. Avoid exercise because it fatigues the joints.
 - B. Take prescribed anti-inflammatory medications with meals.
 - C. Alternate hot and cold packs to affected joints.
 - D. Avoid weight-bearing activity.
- Quick Answer: **225**
Detailed Answer: **248**
- Quick Answer: **225**
Detailed Answer: **248**
- Quick Answer: **225**
Detailed Answer: **249**
- Quick Answer: **225**
Detailed Answer: **249**
- Quick Answer: **225**
Detailed Answer: **249**
- Quick Answer: **225**
Detailed Answer: **249**

Quick Check

174. A client with acute pancreatitis is experiencing severe abdominal pain. Which of the following orders should be questioned by the nurse?
- A. Meperidine 100mg IM q 4 hours PRN pain
 - B. Mylanta 30 ccs q 4 hours via NG
 - C. Cimetadine 300mg PO q.i.d.
 - D. Morphine 8mg IM q 4 hours PRN pain
175. The client is admitted to the chemical dependence unit with an order for continuous observation. The nurse is aware that the doctor has ordered continuous observation because:
- A. Hallucinogenic drugs create both stimulant and depressant effects.
 - B. Hallucinogenic drugs induce a state of altered perception.
 - C. Hallucinogenic drugs produce severe respiratory depression.
 - D. Hallucinogenic drugs induce rapid physical dependence.
176. A client with a history of abusing barbiturates abruptly stops taking the medication. The nurse should give priority to assessing the client for:
- A. Depression and suicidal ideation
 - B. Tachycardia and diarrhea
 - C. Muscle cramping and abdominal pain
 - D. Tachycardia and euphoric mood
177. During the assessment of a laboring client, the nurse notes that the FHT are loudest in the upper-right quadrant. The infant is most likely in which position?
- A. Right breech presentation
 - B. Right occipital anterior presentation
 - C. Left sacral anterior presentation
 - D. Left occipital transverse presentation
178. The primary physiological alteration in the development of asthma is:
- A. Bronchiolar inflammation and dyspnea
 - B. Hypersecretion of abnormally viscous mucus
 - C. Infectious processes causing mucosal edema
 - D. Spasm of bronchiolar smooth muscle
- Quick Answer: **225**
Detailed Answer: **249**
- Quick Answer: **225**
Detailed Answer: **249**
- Quick Answer: **225**
Detailed Answer: **249**
- Quick Answer: **225**
Detailed Answer: **249**
- Quick Answer: **225**
Detailed Answer: **250**

Quick Check

179. A client with mania is unable to finish her dinner. To help her maintain sufficient nourishment, the nurse should:
- A. Serve high-calorie foods she can carry with her
 - B. Encourage her appetite by sending out for her favorite foods
 - C. Serve her small, attractively arranged portions
 - D. Allow her in the unit kitchen for extra food whenever she pleases
180. To maintain Bryant's traction, the nurse must make certain that the child's:
- A. Hips are resting on the bed, with the legs suspended at a right angle to the bed
 - B. Hips are slightly elevated above the bed and the legs are suspended at a right angle to the bed
 - C. Hips are elevated above the level of the body on a pillow and the legs are suspended parallel to the bed
 - D. Hips and legs are flat on the bed, with the traction positioned at the foot of the bed
181. Which action by the nurse indicates understanding of herpes zoster?
- A. The nurse covers the lesions with a sterile dressing.
 - B. The nurse wears gloves when providing care.
 - C. The nurse administers a prescribed antibiotic.
 - D. The nurse administers oxygen.
182. The client has an order for a trough to be drawn on the client receiving Vancomycin. The nurse is aware that the nurse should contact the lab for them to collect the blood:
- A. 15 minutes after the infusion
 - B. 30 minutes before the infusion
 - C. 1 hour after the infusion
 - D. 2 hours after the infusion
183. The client using a diaphragm should be instructed to:
- A. Refrain from keeping the diaphragm in longer than 4 hours
 - B. Keep the diaphragm in a cool location
 - C. Have the diaphragm resized if she gains 5 pounds
 - D. Have the diaphragm resized if she has any surgery

Quick Answer: **225**Detailed Answer: **250**Quick Answer: **225**Detailed Answer: **250**Quick Answer: **225**Detailed Answer: **250**Quick Answer: **225**Detailed Answer: **250**Quick Answer: **225**Detailed Answer: **250**

 **Quick Check**

184. The nurse is providing postpartum teaching for a mother planning to breastfeed her infant. Which of the client's statements indicates the need for additional teaching?
- A. "I'm wearing a support bra."
 - B. "I'm expressing milk from my breast."
 - C. "I'm drinking four glasses of fluid during a 24-hour period."
 - D. "While I'm in the shower, I'll allow the water to run over my breasts."
185. Damage to the VII cranial nerve results in:
- A. Facial pain
 - B. Absence of ability to smell
 - C. Absence of eye movement
 - D. Tinnitus
186. A client is receiving Pyridium (phenazopyridine hydrochloride) for a urinary tract infection. The client should be taught that the medication may:
- A. Cause diarrhea
 - B. Change the color of her urine
 - C. Cause mental confusion
 - D. Cause changes in taste
187. Which of the following tests should be performed before beginning a prescription of Accutane?
- A. Check the calcium level
 - B. Perform a pregnancy test
 - C. Monitor apical pulse
 - D. Obtain a creatinine level
188. A client with AIDS is taking Zovirax (acyclovir). Which nursing intervention is most critical during the administration of acyclovir?
- A. Limit the client's activity
 - B. Encourage a high-carbohydrate diet
 - C. Utilize an incentive spirometer to improve respiratory function
 - D. Encourage fluids
- Quick Answer: **225**
Detailed Answer: **250**
- Quick Answer: **225**
Detailed Answer: **251**
- Quick Answer: **225**
Detailed Answer: **251**
- Quick Answer: **225**
Detailed Answer: **251**
- Quick Answer: **225**
Detailed Answer: **251**
- Quick Answer: **225**
Detailed Answer: **251**

Quick Check

189. A client is admitted for an MRI. The nurse should question the client regarding:
- A. Pregnancy
 - B. A titanium hip replacement
 - C. Allergies to antibiotics
 - D. Inability to move his feet
190. The nurse is caring for the client receiving Amphotericin B. Which of the following indicates that the client has experienced toxicity to this drug?
- A. Changes in vision
 - B. Nausea
 - C. Urinary frequency
 - D. Changes in skin color
191. The nurse should visit which of the following clients first?
- A. The client with diabetes with a blood glucose of 95mg/dL
 - B. The client with hypertension being maintained on Lisinopril
 - C. The client with chest pain and a history of angina
 - D. The client with Raynaud's disease
192. A client with cystic fibrosis is taking pancreatic enzymes. The nurse should administer this medication:
- A. Once per day in the morning
 - B. Three times per day with meals
 - C. Once per day at bedtime
 - D. Four times per day
193. Cataracts result in opacity of the crystalline lens. Which of the following best explains the functions of the lens?
- A. The lens controls stimulation of the retina.
 - B. The lens orchestrates eye movement.
 - C. The lens focuses light rays on the retina.
 - D. The lens magnifies small objects.
194. A client who has glaucoma is to have miotic eyedrops instilled in both eyes. The nurse knows that the purpose of the medication is to:
- A. Anesthetize the cornea
 - B. Dilate the pupils
 - C. Constrict the pupils
 - D. Paralyze the muscles of accommodation
- Quick Answer: **225**
Detailed Answer: **251**
- Quick Answer: **225**
Detailed Answer: **251**
- Quick Answer: **225**
Detailed Answer: **251**
- Quick Answer: **225**
Detailed Answer: **251**
- Quick Answer: **225**
Detailed Answer: **251**
- Quick Answer: **225**
Detailed Answer: **252**
- Quick Answer: **225**
Detailed Answer: **252**

 Quick Check

195. A client with a severe corneal ulcer has an order for Gentamycin gtt. q 4 hours and Neomycin 1 gtt q 4 hours. Which of the following schedules should be used when administering the drops?
- A. Allow 5 minutes between the two medications.
 - B. The medications may be used together.
 - C. The medications should be separated by a cycloplegic drug.
 - D. The medications should not be used in the same client.
196. The client with color blindness will most likely have problems distinguishing which of the following colors?
- A. Orange
 - B. Violet
 - C. Red
 - D. White
197. The client with a pacemaker should be taught to:
- A. Report ankle edema
 - B. Check his blood pressure daily
 - C. Refrain from using a microwave oven
 - D. Monitor his pulse rate
198. The client with enuresis is being taught regarding bladder retraining. The nurse should advise the client to refrain from drinking after:
- A. 1900
 - B. 1200
 - C. 1000
 - D. 0700
199. Which of the following diet instructions should be given to the client with recurring urinary tract infections?
- A. Increase intake of meats.
 - B. Avoid citrus fruits.
 - C. Perform pericare with hydrogen peroxide.
 - D. Drink a glass of cranberry juice every day.

Quick Answer: **225**
Detailed Answer: **252**

Quick Answer: **225**
Detailed Answer: **252**

Quick Answer: **225**
Detailed Answer: **252**

Quick Answer: **225**
Detailed Answer: **252**

Quick Answer: **225**
Detailed Answer: **252**

 Quick Check

200. The physician has prescribed NPH insulin for a client with diabetes mellitus. Which statement indicates that the client knows when the peak action of the insulin occurs?
- A. "I will make sure I eat breakfast within 2 hours of taking my insulin."
 - B. "I will need to carry candy or some form of sugar with me all the time."
 - C. "I will eat a snack around three o'clock each afternoon."
 - D. "I can save my dessert from supper for a bedtime snack."
201. A client with pneumocystis carini pneumonia is receiving Methotrexate. The rationale for administering leucovorin calcium to a client receiving Methotrexate is to:
- A. Treat anemia.
 - B. Create a synergistic effect.
 - C. Increase the number of white blood cells.
 - D. Reverse drug toxicity.
202. A client tells the nurse that she is allergic to eggs, dogs, rabbits, and chicken feathers. Which order should the nurse question?
- A. TB skin test
 - B. Rubella vaccine
 - C. ELISA test
 - D. Chest x-ray
203. The physician has prescribed ranitidine (Zantac) for a client with erosive gastritis. The nurse should administer the medication:
- A. 30 minutes before meals
 - B. With each meal
 - C. In a single dose at bedtime
 - D. 60 minutes after meals
204. A temporary colostomy is performed on the client with colon cancer. The nurse is aware that the proximal end of a double barrel colostomy:
- A. Is the opening on the client's left side
 - B. Is the opening on the distal end on the client's left side
 - C. Is the opening on the client's right side
 - D. Is the opening on the distal right side

Quick Answer: 225

Detailed Answer: 252

Quick Answer: 225

Detailed Answer: 252

Quick Answer: 225

Detailed Answer: 253

Quick Answer: 225

Detailed Answer: 253

Quick Answer: 225

Detailed Answer: 253

 Quick Check

205. While assessing the postpartal client, the nurse notes that the fundus is displaced to the right. Based on this finding, the nurse should:
- A. Ask the client to void
 - B. Assess the blood pressure for hypotension
 - C. Administer oxytocin
 - D. Check for vaginal bleeding
206. The physician has ordered an MRI for a client with an orthopedic ailment. An MRI should not be done if the client has:
- A. The need for oxygen therapy
 - B. A history of claustrophobia
 - C. A permanent pacemaker
 - D. Sensory deafness
207. A 6-month-old client is placed on strict bed rest following a hernia repair. Which toy is best suited to the client?
- A. Colorful crib mobile
 - B. Hand-held electronic games
 - C. Cars in a plastic container
 - D. 30-piece jigsaw puzzle
208. The nurse is preparing to discharge a client with a long history of polio. The nurse should tell the client that:
- A. Taking a hot bath will decrease stiffness and spasticity.
 - B. A schedule of strenuous exercise will improve muscle strength.
 - C. Rest periods should be scheduled throughout the day.
 - D. Visual disturbances can be corrected with prescription glasses.
209. A client on the postpartum unit has a proctoepisiotomy. The nurse should anticipate administering which medication?
- A. Dulcolax suppository
 - B. Docusate sodium (Colace)
 - C. Methyergonovine maleate (Methergine)
 - D. Bromocriptine sulfate (Parlodel)

Quick Answer: **225**
Detailed Answer: **253**

Quick Answer: **225**
Detailed Answer: **253**

Quick Answer: **225**
Detailed Answer: **253**

Quick Answer: **225**
Detailed Answer: **253**

Quick Answer: **226**
Detailed Answer: **253**

Quick Check

210. A client with pancreatic cancer has an infusion of TPN (Total Parenteral Nutrition). The doctor has ordered for sliding-scale insulin. The most likely explanation for this order is:
- A. Total Parenteral Nutrition leads to negative nitrogen balance and elevated glucose levels.
 - B. Total Parenteral Nutrition cannot be managed with oral hypoglycemics.
 - C. Total Parenteral Nutrition is a high-glucose solution that often elevates the blood glucose levels.
 - D. Total Parenteral Nutrition leads to further pancreatic disease.
211. An adolescent primigravida who is 10 weeks pregnant attends the antepartal clinic for a first check-up. To develop a teaching plan, the nurse should initially assess:
- A. The client's knowledge of the signs of preterm labor
 - B. The client's feelings about the pregnancy
 - C. Whether the client was using a method of birth control
 - D. The client's thought about future children
212. An obstetric client is admitted with dehydration. Which IV fluid would be most appropriate for the client?
- A. .45 normal saline
 - B. Dextrose 1% in water
 - C. Lactated Ringer's
 - D. Dextrose 5% in .45 normal saline
213. The physician has ordered a thyroid scan to confirm the diagnosis. Before the procedure, the nurse should:
- A. Assess the client for allergies
 - B. Bolus the client with IV fluid
 - C. Tell the client he will be asleep
 - D. Insert a urinary catheter
214. The physician has ordered an injection of RhoGam for a client with blood type A negative. The nurse understands that RhoGam is given to:
- A. Provide immunity against Rh isoenzymes
 - B. Prevent the formation of Rh antibodies
 - C. Eliminate circulating Rh antibodies
 - D. Convert the Rh factor from negative to positive

Quick Answer: **226**
Detailed Answer: **254**

Quick Answer: **226**
Detailed Answer: **254**

Quick Answer: **226**
Detailed Answer: **254**

Quick Answer: **226**
Detailed Answer: **254**

Quick Answer: **226**
Detailed Answer: **254**


Quick Check

215. The nurse is caring for a client admitted to the emergency room after a fall. X-rays reveal that the client has several fractured bones in the foot. Which treatment should the nurse anticipate for the fractured foot?
- A. Application of a short inclusive spica cast
 - B. Stabilization with a plaster-of-Paris cast
 - C. Surgery with Kirschner wire implantation
 - D. A gauze dressing only
- Quick Answer: **226**
Detailed Answer: **254**
216. A client with bladder cancer is being treated with iridium seed implants. The nurse's discharge teaching should include telling the client to:
- A. Strain his urine
 - B. Increase his fluid intake
 - C. Report urinary frequency
 - D. Avoid prolonged sitting
- Quick Answer: **226**
Detailed Answer: **254**
217. Following a heart transplant, a client is started on medication to prevent organ rejection. Which category of medication prevents the formation of antibodies against the new organ?
- A. Antivirals
 - B. Antibiotics
 - C. Immunosuppressants
 - D. Analgesics
- Quick Answer: **226**
Detailed Answer: **254**
218. The nurse is preparing a client for cataract surgery. The nurse is aware that the procedure will use:
- A. Mydriatics to facilitate removal
 - B. Miotic medications such as Timoptic
 - C. A laser to smooth and reshape the lens
 - D. Silicone oil injections into the eyeball
- Quick Answer: **226**
Detailed Answer: **255**
219. A client with Alzheimer's disease is awaiting placement in a skilled nursing facility. Which long-term plans would be most therapeutic for the client?
- A. Placing mirrors in several locations in the home
 - B. Placing a picture of herself in her bedroom
 - C. Placing simple signs to indicate the location of the bedroom, bathroom, and so on
 - D. Alternating healthcare workers to prevent boredom
- Quick Answer: **226**
Detailed Answer: **255**

Quick Check

220. A client with an abdominal cholecystectomy returns from surgery with a Jackson-Pratt drain. The chief purpose of the Jackson-Pratt drain is to:
- A. Prevent the need for dressing changes
 - B. Reduce edema at the incision
 - C. Provide for wound drainage
 - D. Keep the common bile duct open
221. The nurse is performing an initial assessment of a newborn Caucasian male delivered at 32 weeks gestation. The nurse can expect to find the presence of:
- A. Mongolian spots
 - B. Scrotal rugae
 - C. Head lag
 - D. Vernix caseosa
222. The nurse is caring for a client admitted with multiple trauma. Fractures include the pelvis, femur, and ulna. Which finding should be reported to the physician immediately?
- A. Hematuria
 - B. Muscle spasms
 - C. Dizziness
 - D. Nausea
223. A client is brought to the emergency room by the police. He is combative and yells, "I have to get out of here. They are trying to kill me." Which assessment is most likely correct in relation to this statement?
- A. The client is experiencing an auditory hallucination.
 - B. The client is having a delusion of grandeur.
 - C. The client is experiencing paranoid delusions.
 - D. The client is intoxicated.
224. The nurse is preparing to suction the client with a tracheotomy. The nurse notes a previously used bottle of normal saline on the client's bedside table. There is no label to indicate the date or time of initial use. The nurse should:
- A. Lip the bottle and use a pack of sterile 4×4 for the dressing
 - B. Obtain a new bottle and label it with the date and time of first use
 - C. Ask the ward secretary when the solution was requested
 - D. Label the existing bottle with the current date and time

Quick Answer: **226**Detailed Answer: **255**Quick Answer: **226**Detailed Answer: **255**Quick Answer: **226**Detailed Answer: **255**Quick Answer: **226**Detailed Answer: **255**Quick Answer: **226**Detailed Answer: **255**

 Quick Check

225. An infant's Apgar score is 9 at 5 minutes. The nurse is aware that the most likely cause for the deduction of one point is:
- A. The baby is cold.
 - B. The baby is experiencing bradycardia.
 - C. The baby's hands and feet are blue.
 - D. The baby is lethargic.
226. The primary reason for rapid continuous rewarming of the area affected by frostbite is to:
- A. Lessen the amount of cellular damage
 - B. Prevent the formation of blisters
 - C. Promote movement
 - D. Prevent pain and discomfort
227. A client recently started on hemodialysis wants to know how the dialysis will take the place of his kidneys. The nurse's response is based on the knowledge that hemodialysis works by:
- A. Passing water through a dialyzing membrane
 - B. Eliminating plasma proteins from the blood
 - C. Lowering the pH by removing nonvolatile acids
 - D. Filtering waste through a dialyzing membrane
228. During a home visit, a client with AIDS tells the nurse that he has been exposed to measles. Which action by the nurse is most appropriate?
- A. Administer an antibiotic
 - B. Contact the physician for an order for immune globulin
 - C. Administer an antiviral
 - D. Tell the client that he should remain in isolation for 2 weeks
229. A client hospitalized with MRSA (methicillin-resistant staph aureus) is placed on contact precautions. Which statement is true regarding precautions for infections spread by contact?
- A. The client should be placed in a room with negative pressure.
 - B. Infection requires close contact; therefore, the door may remain open.
 - C. Transmission is highly likely, so the client should wear a mask at all times.
 - D. Infection requires skin-to-skin contact and is prevented by hand washing, gloves, and a gown.

Quick Answer: **226**
Detailed Answer: **255**

Quick Answer: **226**
Detailed Answer: **256**

Quick Answer: **226**
Detailed Answer: **256**

Quick Answer: **226**
Detailed Answer: **256**

Quick Answer: **226**
Detailed Answer: **256**

Quick Check

230. A client who is admitted with an above-the-knee amputation tells the nurse that his foot hurts and itches. Which response by the nurse indicates understanding of phantom limb pain?
- A. "The pain will go away in a few days."
 - B. "The pain is due to peripheral nervous system interruptions. I will get you some pain medication."
 - C. "The pain is psychological because your foot is no longer there."
 - D. "The pain and itching are due to the infection you had before the surgery."
231. A client with cancer of the pancreas has undergone a Whipple procedure. The nurse is aware that during the Whipple procedure, the doctor will remove the:
- A. Head of the pancreas
 - B. Proximal third section of the small intestines
 - C. Stomach and duodenum
 - D. Esophagus and jejunum
232. The physician has ordered a minimal-bacteria diet for a client with neutropenia. The client should be taught to avoid eating:
- A. Fruits
 - B. Salt
 - C. Pepper
 - D. Ketchup
233. A client is discharged home with a prescription for Coumadin (sodium warfarin). The client should be instructed to:
- A. Have a Protime done monthly
 - B. Eat more fruits and vegetables
 - C. Drink more liquids
 - D. Avoid crowds
234. The nurse is assisting the physician with removal of a central venous catheter. To facilitate removal, the nurse should instruct the client to:
- A. Perform the Valsalva maneuver as the catheter is advanced
 - B. Turn his head to the left side and hyperextend the neck
 - C. Take slow, deep breaths as the catheter is removed
 - D. Turn his head to the right while maintaining a sniffing position

Quick Answer: **226**Detailed Answer: **256**Quick Answer: **226**Detailed Answer: **256**Quick Answer: **226**Detailed Answer: **256**Quick Answer: **226**Detailed Answer: **256**Quick Answer: **226**Detailed Answer: **257**

 **Quick Check**

235. A client has an order for streptokinase. Before administering the medication, the nurse should assess the client for:
- A. Allergies to pineapples and bananas
 - B. A history of streptococcal infections
 - C. Prior therapy with phenytoin
 - D. A history of alcohol abuse
236. The nurse is providing discharge teaching for the client with leukemia. The client should be told to avoid:
- A. Using oil- or cream-based soaps
 - B. Flossing between the teeth
 - C. The intake of salt
 - D. Using an electric razor
237. The nurse is changing the ties of the client with a tracheotomy. The safest method of changing the tracheotomy ties is to:
- A. Apply the new tie before removing the old one.
 - B. Have a helper present.
 - C. Hold the tracheotomy with the nondominant hand while removing the old tie.
 - D. Ask the doctor to suture the tracheostomy in place.
238. The nurse is monitoring a client following a lung resection. The hourly output from the chest tube was 300mL. The nurse should give priority to:
- A. Turning the client to the left side
 - B. Milking the tube to ensure patency
 - C. Slowing the intravenous infusion
 - D. Notifying the physician
239. The infant is admitted to the unit with tetralogy of falot. The nurse would anticipate an order for which medication?
- A. Digoxin
 - B. Epinephrine
 - C. Aminophyline
 - D. Atropine

Quick Answer: **226**
Detailed Answer: **257**

Quick Answer: **226**
Detailed Answer: **257**

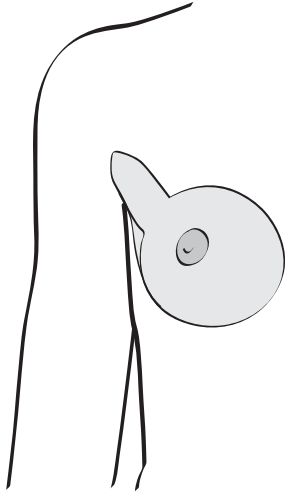
Quick Answer: **226**
Detailed Answer: **257**

Quick Answer: **226**
Detailed Answer: **257**

Quick Answer: **226**
Detailed Answer: **257**

Quick Check

240. The nurse is educating the lady's club in self-breast exam. The nurse is aware that most malignant breast masses occur in the Tail of Spence. On the diagram, place an X on the Tail of Spence.



Quick Answer: **226**
 Detailed Answer: **257**

241. The toddler is admitted with a cardiac anomaly. The nurse is aware that the infant with a ventricular septal defect will:
- A. Tire easily
 - B. Grow normally
 - C. Need more calories
 - D. Be more susceptible to viral infections
242. The nurse is monitoring a client with a history of stillborn infants. The nurse is aware that a nonstress test can be ordered for this client to:
- A. Determine lung maturity
 - B. Measure the fetal activity
 - C. Show the effect of contractions on fetal heart rate
 - D. Measure the well-being of the fetus

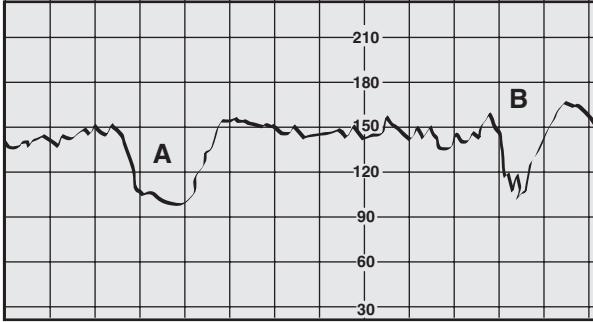
Quick Answer: **226**
 Detailed Answer: **257**

Quick Answer: **226**
 Detailed Answer: **257**

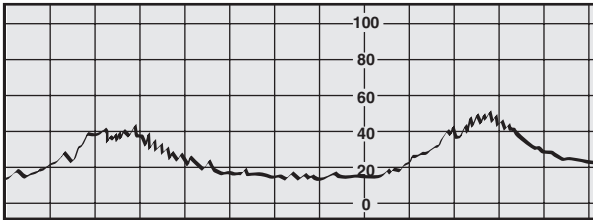


243. The nurse is evaluating the client who was admitted 8 hours ago for induction of labor. The following graph is noted on the monitor. Which action should be taken first by the nurse?

Quick Answer: **226**
Detailed Answer: **258**



Fetal Heart Rate

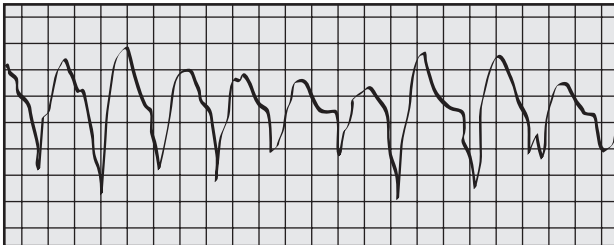


Uterine Contractions

- A. Instruct the client to push
- B. Perform a vaginal exam
- C. Turn off the Pitocin infusion
- D. Place the client in a semi-Fowler's position

244. The nurse notes the following on the ECG monitor. The nurse would evaluate the cardiac arrhythmia as:

Quick Answer: **226**
Detailed Answer: **258**



- A. Atrial flutter
- B. A sinus rhythm
- C. Ventricular tachycardia
- D. Atrial fibrillation

Quick Check

245. A client with clotting disorder has an order to continue Lovenox (enoxaparin) injections after discharge. The nurse should teach the client that Lovenox injections should:

- A. Be injected into the deltoid muscle
- B. Be injected into the abdomen
- C. Aspirate after the injection
- D. Clear the air from the syringe before injections

Quick Answer: **226**
Detailed Answer: **258**

246. The nurse has a preop order to administer Valium (diazepam) 10mg and Phenergan (promethazine) 25mg. The correct method of administering these medications is to:

- A. Administer the medications together in one syringe
- B. Administer the medication separately
- C. Administer the Valium, wait 5 minutes, and then inject the Phenergan
- D. Question the order because they cannot be given at the same time

Quick Answer: **226**
Detailed Answer: **258**

247. A client with frequent urinary tract infections asks the nurse how she can prevent the reoccurrence. The nurse should teach the client to:

- A. Douche after intercourse
- B. Void every 3 hours
- C. Obtain a urinalysis monthly
- D. Wipe from back to front after voiding

Quick Answer: **226**
Detailed Answer: **258**

248. Which task should be assigned to the nursing assistant?

- A. Placing the client in seclusion
- B. Emptying the Foley catheter of the preeclamptic client
- C. Feeding the client with dementia
- D. Ambulating the client with a fractured hip

Quick Answer: **226**
Detailed Answer: **258**

249. The client has recently returned from having a thyroidectomy. The nurse should keep which of the following at the bedside?

- A. A tracheotomy set
- B. A padded tongue blade
- C. An endotracheal tube
- D. An airway

Quick Answer: **226**
Detailed Answer: **258**

**Quick Check**

250. The physician has ordered a histoplasmosis test for the elderly client. The nurse is aware that histoplasmosis is transmitted to humans by:

- A. Cats
- B. Dogs
- C. Turtles
- D. Birds

Quick Answer: **226**

Detailed Answer: **258**

Quick Check Answer Key

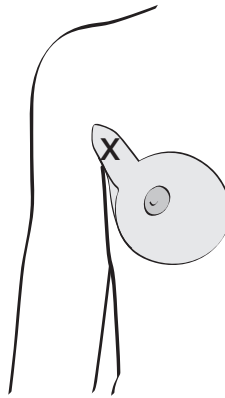
1. D	27. B	53. B	79. A
2. D	28. C	54. C	80. B
3. B	29. C	55. D	81. A
4. C	30. C	56. A	82. A
5. C	31. B	57. B	83. D
6. C	32. A	58. C	84. D
7. D	33. B	59. C	85. B
8. D	34. B	60. B	86. B
9. C	35. D	61. D	87. B
10. B	36. B	62. A	88. B
11. A	37. A	63. C	89. D
12. C	38. B	64. B	90. B
13. D	39. D	65. A	91. A
14. B	40. A	66. D	92. C
15. B	41. B	67. B	93. C
16. A	42. A	68. C	94. B
17. A	43. A	69. A	95. C
18. A	44. C	70. C	96. A
19. C	45. B	71. C	97. B
20. B	46. A	72. D	98. C
21. C	47. B	73. B	99. D
22. A	48. C	74. D	100. C
23. A	49. C	75. D	101. B
24. B	50. D	76. B	102. D
25. D	51. B	77. D	103. B
26. A	52. B	78. D	104. D

105. B	133. B	161. C	189. A
106. B	134. A	162. D	190. D
107. D	135. A	163. B	191. C
108. D	136. A	164. C	192. B
109. C	137. C	165. A	193. C
110. D	138. B	166. A	194. C
111. C	139. A	167. D	195. A
112. B	140. B	168. B	196. B
113. C	141. B	169. B	197. D
114. C	142. B	170. A	198. A
115. D	143. D	171. C	199. D
116. C	144. A	172. B	200. C
117. B	145. A	173. B	201. D
118. B	146. A	174. D	202. B
119. C	147. C	175. B	203. B
120. B	148. B	176. B	204. C
121. B	149. A	177. A	205. A
122. A	150. C	178. D	206. C
123. D	151. B	179. A	207. C
124. A	152. D	180. B	208. C
125. A	153. C	181. B	209. B
126. B	154. C	182. B	210. C
127. A	155. B	183. B	211. B
128. B	156. D	184. C	212. A
129. C	157. A	185. A	213. A
130. B	158. A	186. B	214. B
131. B	159. C	187. B	215. B
132. B	160. A	188. D	216. A

- 217. C
- 218. A
- 219. C
- 220. C
- 221. C
- 222. A
- 223. C
- 224. B
- 225. C
- 226. A
- 227. D

- 228. B
- 229. D
- 230. B
- 231. A
- 232. C
- 233. A
- 234. A
- 235. B
- 236. B
- 237. A
- 238. D

- 239. A
- 240. See diagram.



- 241. A
- 242. B
- 243. C
- 244. C
- 245. B
- 246. B
- 247. B
- 248. C
- 249. A
- 250. D

Answers and Rationales

1. **Answer D is correct.** It is important to assess the extremities for blood vessel occlusion in the client with sickle cell anemia because a change in capillary refill would indicate a change in circulation. Body temperature, motion, and sensation would not give information regarding peripheral circulation; therefore, answers A, B, and C are incorrect.
2. **Answer D is correct.** Placing the client in semi-Fowler's position provides the best oxygenation for this client. Flexion of the hips and knees, which includes the knee-chest position, impedes circulation and is not correct positioning for this client. Therefore, answers A, B, and C are incorrect.
3. **Answer B is correct.** It is important to keep the client in sickle cell crisis hydrated to prevent further sickling of the blood. Answer A is incorrect because a mechanical cuff places too much pressure on the arm. Answer C is incorrect because raising the knee gatch impedes circulation. Answer D is incorrect because Tylenol is too mild an analgesic for the client in crisis.
4. **Answer C is correct.** Hydration is important in the client with sickle cell disease to prevent thrombus formation. Popsicles, gelatin, juice, and pudding have high fluid content. The foods in answers A, B, and D do not aid in hydration and are, therefore, incorrect.
5. **Answer C is correct.** The most prominent clinical manifestation of sickle cell crisis is pain. However, the pulse oximetry indicates that oxygen levels are low; thus, oxygenation takes precedence over pain relief. Answer A is incorrect because although a warm environment reduces pain and minimizes sickling, it would not be a priority. Answer B is incorrect because although hydration is important, it would not require a bolus. Answer D is incorrect because Demerol is acidifying to the blood and increases sickling.
6. **Answer C is correct.** Egg yolks, wheat bread, carrots, raisins, and green, leafy vegetables are all high in iron, which is an important mineral for this client. Roast beef, cabbage, and pork chops are also high in iron, but the side dishes accompanying these choices are not; therefore, answers A, B, and D are incorrect.
7. **Answer D is correct.** Taking a trip to the museum is the only answer that does not pose a threat. A family vacation in the Rocky Mountains at high altitudes, cold temperatures, and airplane travel can cause sickling episodes and should be avoided; therefore, answers A, B, and C are incorrect.
8. **Answer D is correct.** The tongue is smooth and beefy red in the client with vitamin B12 deficiency, so examining the tongue should be included in the physical assessment. Bleeding, splenomegaly, and blood pressure changes do not occur, making answers A, B, and C incorrect.

9. **Answer C is correct.** The oral mucosa and hard palate (roof of the mouth) are the best indicators of jaundice in dark-skinned persons. The conjunctiva can have normal deposits of fat, which give a yellowish hue; thus, answer A is incorrect. The soles of the feet can be yellow if they are calloused, making answer B incorrect; the shins would be an area of darker pigment, so answer D is incorrect.
10. **Answer B is correct.** When there are fewer red blood cells, there is less hemoglobin and less oxygen. Therefore, the client is often short of breath, as indicated in answer B. The client with anemia is often pale in color, has weight loss, and may be hypotensive. Answers A, C, and D are within normal and, therefore, are incorrect.
11. **Answer A is correct.** The client with polycythemia vera is at risk for thrombus formation. Hydrating the client with at least 3L of fluid per day is important in preventing clot formation, so the statement to drink less than 500mL is incorrect. Answers B, C, and D are incorrect because they all contribute to the prevention of complications. Support hose promotes venous return, the electric razor prevents bleeding due to injury, and a diet low in iron is essential to preventing further red cell formation.
12. **Answer C is correct.** Radiation treatment for other types of cancer can result in leukemia. Some hobbies and occupations involving chemicals are linked to leukemia, but not the ones in these answers; therefore, answers A and B are incorrect. Answer D is incorrect because the incidence of leukemia is higher in twins than in siblings.
13. **Answer D is correct.** Petechiae are not usually visualized on dark skin. The soles of the feet and palms of the hand provide a lighter surface for assessing the client for petichiae. Answers A, B, and C are incorrect because the skin might be too dark to make an assessment.
14. **Answer B is correct.** The client with leukemia is at risk for infection and has often had recurrent respiratory infections during the previous 6 months. Insomnolence, weight loss, and a decrease in alertness also occur in leukemia, but bleeding tendencies and infections are the primary clinical manifestations; therefore, answers A, C, and D are incorrect.
15. **Answer B is correct.** The client with acute leukemia has bleeding tendencies due to decreased platelet counts, and any injury would exacerbate the problem. The client would require close monitoring for hemorrhage, which is of higher priority than the diagnoses in answers A, C, and D, which are incorrect.
16. **Answer A is correct.** Radiation therapy often causes sterility in male clients and would be of primary importance to this client. The psychosocial needs of the client are important to address in light of the age and life choices. Hodgkin's disease, however, has a good prognosis when diagnosed early. Answers B, C, and D are incorrect because they are of lesser priority.

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17. **Answer A is correct.** Clients with autoimmune thrombocytopenic purpura (ATP) have low platelet counts, making answer A the correct answer. White cell counts, potassium levels, and PTT are not affected in ATP; thus, answers B, C, and D are incorrect.
 18. **Answer A is correct.** The normal platelet count is 120,000–400,000. Bleeding occurs in clients with low platelets. The priority is to prevent and minimize bleeding. Oxygenation in answer C is important, but platelets do not carry oxygen. Answers B and D are of lesser priority and are incorrect in this instance.
 19. **Answer C is correct.** Elevating the head of the bed 30° avoids pressure on the sella turcica and alleviates headaches. Answers A, B, and D are incorrect because Trendelenburg, Valsalva maneuver, and coughing all increase the intracranial pressure.
 20. **Answer B is correct.** The large amount of fluid loss can cause fluid and electrolyte imbalance that should be corrected. The loss of electrolytes would be reflected in the vital signs. Measuring the urinary output is important, but the stem already says that the client has polyuria, so answer A is incorrect. Encouraging fluid intake will not correct the problem, making answer C incorrect. Answer D is incorrect because weighing the client is not necessary at this time.
 21. **Answer C is correct.** The client should be positioned upright and leaning forward, to prevent aspiration of blood. Answers A, B, and D are incorrect because direct pressure to the nose stops the bleeding, and ice packs should be applied directly to the nose as well. If a pack is necessary, the nares are loosely packed.
 22. **Answer A is correct.** Blood pressure is the best indicator of cardiovascular collapse in the client who has had an adrenal gland removed. The remaining gland might have been suppressed due to the tumor activity. Temperature would be an indicator of infection, decreased output would be a clinical manifestation but would take longer to occur than blood pressure changes, and specific gravity changes occur with other disorders; therefore, answers B, C, and D are incorrect.
 23. **Answer A is correct.** IV glucocorticoids raise the glucose levels and often require coverage with insulin. Answer B is not necessary at this time, sodium and potassium levels would be monitored when the client is receiving mineral corticoids, and daily weights is unnecessary; therefore, answers B, C, and D are incorrect.
 24. **Answer B is correct.** The parathyroid glands are responsible for calcium production and can be damaged during a thyroidectomy. The tingling is due to low calcium levels. The crash cart would be needed in respiratory distress but would not be the next action to take; thus, answer A is incorrect. Hypertension occurs in thyroid storm and the drainage would occur in hemorrhage, so answers C and D are incorrect.

25. **Answer D is correct.** The decrease in pulse can affect the cardiac output and lead to shock, which would take precedence over the other choices; therefore, answers A, B, and C are incorrect.
26. **Answer A is correct.** The client taking antilipidemics should be encouraged to report muscle weakness because this is a sign of rhabdomyositis. The medication takes effect within 1 month of beginning therapy, so answer B is incorrect. The medication should be taken with water because fruit juice, particularly grapefruit, can decrease the effectiveness, making answer C incorrect. Liver function studies should be checked before beginning the medication, not after the fact, making answer D incorrect.
27. **Answer B is correct.** Hyperstat is given IV push for hypertensive crises, but it often causes hyperglycemia. The glucose level will drop rapidly when stopped. Answer A is incorrect because the hyperstat is given by IV push. The client should be placed in dorsal recumbent position, not a Trendelenburg position, as stated in answer C. Answer D is incorrect because the medication does not have to be covered with foil.
28. **Answer C is correct.** A heart rate of 60 in the baby should be reported immediately. The dose should be held if the heart rate is below 100bpm. The blood glucose, blood pressure, and respirations are within normal limits; thus answers A, B, and D are incorrect.
29. **Answer C is correct.** Nitroglycerine should be kept in a brown bottle (or even a special air- and water-tight, solid or plated silver or gold container) because of its instability and tendency to become less potent when exposed to air, light, or water. The supply should be replenished every 6 months, not 3 months, and one tablet should be taken every 5 minutes until pain subsides, so answers A and B are incorrect. If the pain does not subside, the client should report to the emergency room. The medication should be taken sublingually and should not be crushed, as stated in answer D.
30. **Answer C is correct.** Turkey contains the least amount of fats and cholesterol. Liver, eggs, beef, cream sauces, shrimp, cheese, and chocolate should be avoided by the client; thus, answers A, B, and D are incorrect. The client should bake meat rather than frying to avoid adding fat to the meat during cooking.
31. **Answer B is correct.** The jugular veins in the neck should be assessed for distension. The other parts of the body will be edematous in right-sided congestive heart failure, not left-sided; thus, answers A, C, and D are incorrect.
32. **Answer A is correct.** The phlebostatic axis is located at the fifth intercostals space midaxillary line and is the correct placement of the manometer. The PMI or point of maximal impulse is located at the fifth intercostals space midclavicular

line, so answer B is incorrect. Erb's point is the point at which you can hear the valves close simultaneously, making answer C incorrect. The Tail of Spence (the upper outer quadrant) is the area where most breast cancers are located and has nothing to do with placement of a manometer; thus, answer D is incorrect.

33. **Answer B is correct.** Zestril is an ACE inhibitor and is frequently given with a diuretic such as Lasix for hypertension. Answers A, C, and D are incorrect because the order is accurate. There is no need to question the order, administer the medication separately, or contact the pharmacy.
34. **Answer B is correct.** The best indicator of peripheral edema is measuring the extremity. A paper tape measure should be used rather than one of plastic or cloth, and the area should be marked with a pen, providing the most objective assessment. Answer A is incorrect because weighing the client will not indicate peripheral edema. Answer C is incorrect because checking the intake and output will not indicate peripheral edema. Answer D is incorrect because checking for pitting edema is less reliable than measuring with a paper tape measure.
35. **Answer D is correct.** Clients with radium implants should have close contact limited to 30 minutes per visit. The general rule is limiting time spent exposed to radium, putting distance between people and the radium source, and using lead to shield against the radium. Teaching the family member these principles is extremely important. Answers A, B, and C are not empathetic and do not address the question; therefore, they are incorrect.
36. **Answer B is correct.** The client with a facial stroke will have difficulty swallowing and chewing, and the foods in answer B provide the least amount of chewing. The foods in answers A, C, and D would require more chewing and, thus, are incorrect.
37. **Answer A is correct.** Novalog insulin onsets very quickly, so food should be available within 10–15 minutes of taking the insulin. Answer B does not address a particular type of insulin, so it is incorrect. NPH insulin peaks in 8–12 hours, so a snack should be eaten at the expected peak time. It may not be 3 p.m. as stated in answer C. Answer D is incorrect because there is no need to save the dessert until bedtime.
38. **Answer B is correct.** The umbilical cord needs time to dry and fall off before putting the infant in the tub. Although answers A, C, and D might be important, they are not the primary answer to the question.
39. **Answer D is correct.** Leucovorin is the antidote for Methotrexate and Trimetrexate which are folic acid antagonists. Leucovorin is a folic acid derivative. Answers A, B, and C are incorrect because Leucovorin does not treat iron deficiency, increase neutrophils, or have a synergistic effect.

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40. **Answer A is correct.** The Hemophilus influenza vaccine is given at 4 months with the polio vaccine. Answers B, C, and D are incorrect because these vaccines are given later in life.
 41. **Answer B is correct.** Proton pump inhibitors such as Nexium and Protonix should be taken with meals, for optimal effect. Histamine-blocking agents such as Zantac should be taken 30 minutes before meals, so answer A is incorrect. Tagamet can be taken in a single dose at bedtime, making answer C incorrect. Answer D does not treat the problem adequately and, therefore, is incorrect.
 42. **Answer A is correct.** If the client is a threat to the staff and to other clients the nurse should call for help and prepare to administer a medication such as Haldol to sedate him. Answer B is incorrect because simply telling the client to calm down will not work. Answer C is incorrect because telling the client that if he continues he will be punished is a threat and may further anger him. Answer D is incorrect because if the client is left alone he might harm himself.
 43. **Answer A is correct.** If the fundus of the client is displaced to the side, this might indicate a full bladder. The next action by the nurse should be to check for bladder distention and catheterize, if necessary. The answers in B, C, and D are actions that relate to postpartal hemorrhage.
 44. **Answer C is correct.** A low-grade temperature, blood-tinged sputum, fatigue, and night sweats are symptoms consistent with tuberculosis. If the answer in A had said pneumocystis pneumonia, answer A would have been consistent with the symptoms given in the stem, but just saying pneumonia isn't specific enough to diagnose the problem. Answers B and D are not directly related to the stem.
 45. **Answer B is correct.** If the client has a history of Prinzmetal's angina, he should not be prescribed triptan preparations because they cause vasoconstriction and coronary spasms. There is no contraindication for taking triptan drugs in clients with diabetes, cancer, or cluster headaches making answers A, C, and D incorrect.
 46. **Answer A is correct.** Kernig's sign is positive if pain occurs on flexion of the hip and knee. The Brudzinski reflex is positive if pain occurs on flexion of the head and neck onto the chest so answer B is incorrect. Answers C and D might be present but are not related to Kernig's sign.
 47. **Answer B is correct.** Apraxia is the inability to use objects appropriately. Agnosia is loss of sensory comprehension, anomia is the inability to find words, and aphasia is the inability to speak or understand so answers A, C, and D are incorrect.
 48. **Answer C is correct.** Increased confusion at night is known as "sundowning" syndrome. This increased confusion occurs when the sun begins to set and continues during the night. Answer A is incorrect because fatigue is not necessarily present. Increased confusion at night is not part of normal aging;

therefore, answer B is incorrect. A delusion is a firm, fixed belief; therefore, answer D is incorrect.

49. **Answer C is correct.** The client who is confused might forget that he ate earlier. Don't argue with the client. Simply get him something to eat that will satisfy him until lunch. Answers A and D are incorrect because the nurse is dismissing the client. Answer B is validating the delusion.
50. **Answer D is correct.** Nausea and gastrointestinal upset are very common in clients taking acetylcholinesterase inhibitors such as Exelon. Other side effects include liver toxicity, dizziness, unsteadiness, and clumsiness. The client might already be experiencing urinary incontinence or headaches, but they are not necessarily associated; and the client with Alzheimer's disease is already confused. Therefore, answers A, B, and C are incorrect.
51. **Answer B is correct.** Any lesion should be reported to the doctor. This can indicate a herpes lesion. Clients with open lesions related to herpes are delivered by Cesarean section because there is a possibility of transmission of the infection to the fetus with direct contact to lesions. It is not enough to document the finding, so answer A is incorrect. The physician must make the decision to perform a C-section, making answer C incorrect. It is not enough to continue primary care, so answer D is incorrect.
52. **Answer B is correct.** The client with HPV is at higher risk for cervical and vaginal cancer related to this STI. She is not at higher risk for the other cancers mentioned in answers A, C, and D, so those are incorrect.
53. **Answer B is correct.** A lesion that is painful is most likely a herpetic lesion. A chancre lesion associated with syphilis is not painful, so answer A is incorrect. Condylomata lesions are painless warts, so answer D is incorrect. In answer C, gonorrhea does not present as a lesion, but is exhibited by a yellow discharge.
54. **Answer C is correct.** Florescent treponemal antibody (FTA) is the test for treponema pallidum. VDRL and RPR are screening tests done for syphilis, so answers A and B are incorrect. The Thayer-Martin culture is done for gonorrhea, so answer D is incorrect.
55. **Answer D is correct.** The criteria for HELLP is hemolysis, elevated liver enzymes, and low platelet count. In answer A, an elevated blood glucose level is not associated with HELLP. Platelets are decreased, not elevated, in HELLP syndrome as stated in answer B. The creatinine levels are elevated in renal disease and are not associated with HELLP syndrome so answer C is incorrect.
56. **Answer A is correct.** Answer B elicits the triceps reflex, so it is incorrect. Answer C elicits the patella reflex, making it incorrect. Answer D elicits the radial nerve, so it is incorrect.

57. **Answer B is correct.** Brethine is used cautiously because it raises the blood glucose levels. Answers A, C, and D are all medications that are commonly used in the diabetic client, so they are incorrect.
58. **Answer C is correct.** When the L/S ratio reaches 2:1, the lungs are considered to be mature. The infant will most likely be small for gestational age and will not be at risk for birth trauma, so answer D is incorrect. The L/S ratio does not indicate congenital anomalies, as stated in answer A, and the infant is not at risk for intrauterine growth retardation, making answer B incorrect.
59. **Answer C is correct.** Jitteriness is a sign of seizure in the neonate. Crying, wakefulness, and yawning are expected in the newborn, so answers A, B, and D are incorrect.
60. **Answer B is correct.** The client is expected to become sleepy, have hot flashes, and be lethargic. A decreasing urinary output, absence of the knee-jerk reflex, and decreased respirations indicate toxicity, so answers A, C, and D are incorrect.
61. **Answer D is correct.** If the client experiences hypotension after an injection of epidural anesthetic, the nurse should turn her to the left side, apply oxygen by mask, and speed the IV infusion. If the blood pressure does not return to normal, the physician should be contacted. Epinephrine should be kept for emergency administration. Answer A is incorrect because placing the client in Trendelenburg position (head down) will allow the anesthesia to move up above the respiratory center, thereby decreasing the diaphragm's ability to move up and down and ventilate the client. In answer B, the IV rate should be increased, not decreased. In answer C, the oxygen should be applied by mask, not cannula.
62. **Answer A is correct.** Cancer of the pancreas frequently leads to severe nausea and vomiting and altered nutrition. The other problems are of lesser concern; thus, answers B, C, and D are incorrect.
63. **Answer C is correct.** Measuring with a paper tape measure and marking the area that is measured is the most objective method of estimating ascites. Inspecting and checking for fluid waves are more subjective, so answers A and B are incorrect. Palpation of the liver will not tell the amount of ascites; thus, answer D is incorrect.
64. **Answer B is correct.** The vital signs indicate hypovolemic shock. They do not indicate cerebral tissue perfusion, airway clearance, or sensory perception alterations, so answers A, C, and D are incorrect.
65. **Answer A is correct.** The client with osteogenesis imperfecta is at risk for pathological fractures and is likely to experience these fractures if he participates in contact sports. The client might experience symptoms of hypoxia if

he becomes dehydrated or deoxygenated; extreme exercise, especially in warm weather, can exacerbate the condition. Answers B, C, and D are not factors for concern.

66. **Answer D is correct.** The client with neutropenia should not have fresh fruit because it should be peeled and/or cooked before eating. He should also not eat foods grown on or in the ground or eat from the salad bar. The nurse should remove potted or cut flowers from the room as well. Any source of bacteria should be eliminated, if possible. Answers A, B, and C will not help prevent bacterial invasions.
67. **Answer B is correct.** In clients who have not had surgery to the face or neck, the answer would be answer A; however, in this situation, this could further interfere with the airway. Increasing the infusion and placing the client in supine position would be better. Answer C is incorrect because it is not necessary at this time and could cause hyponatremia and further hypotension. Answer D is not necessary at this time.
68. **Answer C is correct.** If the client pulls the chest tube out of the chest, the nurse's first action should be to cover the insertion site with an occlusive dressing. Afterward, the nurse should call the doctor, who will order a chest x-ray and possibly reinsert the tube. Answers A, B, and D are not the first action to be taken.
69. **Answer A is correct.** The normal Protime is 12–20 seconds. A Protime of 120 seconds indicates an extremely prolonged Protime and can result in a spontaneous bleeding episode. Answers B, C, and D may be needed at a later time but are not the most important actions to take first.
70. **Answer C is correct.** The food with the most calcium is the yogurt. Answers A, B, and D are good choices, but not as good as the yogurt, which has approximately 400mg of calcium.
71. **Answer C is correct.** The client receiving magnesium sulfate should have a Foley catheter in place, and hourly intake and output should be checked. There is no need to refrain from checking the blood pressure in the right arm. A padded tongue blade should be kept in the room at the bedside, just in case of a seizure, but this is not related to the magnesium sulfate infusion. Darkening the room is unnecessary, so answers A, B, and D are incorrect.
72. **Answer D is correct.** If the client's mother refuses the blood transfusion, the doctor should be notified. Because the client is a minor, the court might order treatment. Answer A is incorrect. Because it is not the primary responsibility for the nurse to encourage the mother to consent or explain the consequences, so answers B and C are incorrect.

73. **Answer B is correct.** The nurse should be most concerned with laryngeal edema because of the area of burn. The next priority should be answer A, as well as hyponatremia and hypokalemia in C and D, but these answers are not of primary concern so are incorrect.
74. **Answer D is correct.** The client with anorexia shows the most improvement by weight gain. Selecting a balanced diet does little good if the client will not eat, so answer A is incorrect. The hematocrit might improve by several means, such as blood transfusion, but that does not indicate improvement in the anorexic condition; therefore, answer B is incorrect. The tissue turgor indicates fluid stasis, not improvement of anorexia, so answer C is incorrect.
75. **Answer D is correct.** At this time, pain beneath the cast is normal. The client's toes should be warm to the touch, and pulses should be present. Paresthesia is not normal and might indicate compartment syndrome. Therefore, Answers A, B, and C are incorrect.
76. **Answer B is correct.** It is normal for the client to have a warm sensation when dye is injected. Answers A, C, and D indicate that the nurse believes that the hot feeling is abnormal, so they are incorrect.
77. **Answer D is correct.** It is not necessary to wear gloves to take the vital signs of the client. If the client has active infection with methicillin-resistant staphylococcus aureus, gloves should be worn. The healthcare workers in answers A, B, and C indicate knowledge of infection control by their actions.
78. **Answer D is correct.** During ECT, the client will have a grand mal seizure. This indicates completion of the electroconvulsive therapy. Answers A, B, and C do not indicate that the ECT has been effective, so are incorrect.
79. **Answer A is correct.** Infection with pinworms begins when the eggs are ingested or inhaled. The eggs hatch in the upper intestine and mature in 2–8 weeks. The females then mate and migrate out the anus, where they lay up to 17,000 eggs. This causes intense itching. The mother should be told to use a flashlight to examine the rectal area about 2–3 hours after the child is asleep. Placing clear tape on a tongue blade will allow the eggs to adhere to the tape. The specimen should then be brought in to be evaluated. There is no need to scrap the skin, collect a stool specimen, or bring a sample of hair, so answers B, C, and D are incorrect.
80. **Answer B is correct.** Bed linen should be washed in hot water. A is incorrect because special shampoo can be used by children under age 10. Answers C and D are incorrect statements; therefore, they are wrong.

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81. **Answer A is correct.** The pregnant nurse should not be assigned to any client with radioactivity present. The client receiving linear accelerator therapy travels to the radium department for therapy. The radiation stays in the department, so the client is not radioactive. The clients in answers B, C, and D pose a risk to the pregnant nurse. These clients are radioactive in very small doses, especially upon returning from the procedures. For approximately 72 hours, the clients should dispose of urine and feces in special containers and use plastic spoons and forks.
 82. **Answer A is correct.** The client with Cushing's disease has adrenocortical hypersecretion. This increase in the level of cortisone causes the client to be immune suppressed. In answer B, the client with diabetes poses no risk to other clients. The client in answer C has an increase in growth hormone and poses no risk to himself or others. The client in answer D has hyperthyroidism or myxedema and poses no risk to others or himself.
 83. **Answer D is correct.** The nurse could be charged with malpractice, which is failing to perform, or performing an act that causes harm to the client. Giving the infant an overdose falls into this category. Answers A, B, and C are incorrect because they apply to other wrongful acts. Negligence is failing to perform care for the client; a tort is a wrongful act committed on the client or their belongings; and assault is a violent physical or verbal attack.
 84. **Answer D is correct.** The licensed practical nurse should not be assigned to begin a blood transfusion. The licensed practical nurse can insert a Foley catheter, discontinue a nasogastric tube, and collect sputum specimen; therefore, answers A, B, and C are incorrect.
 85. **Answer B is correct.** The vital signs are abnormal and should be reported immediately. Continuing to monitor the vital signs can result in deterioration of the client's condition, making answer A incorrect. Asking the client how he feels in answer C will only provide subjective data, and the nurse in answer D is not the best nurse to assign because this client is unstable.
 86. **Answer B is correct.** The nurse with 3 years of experience in labor and delivery knows the most about possible complications involving preeclampsia. The nurse in answer A is a new nurse to the unit, and the nurses in answers C and D have no experience with the postpartum client.
 87. **Answer B is correct.** The Joint Commission on Accreditation of Hospitals will probably be interested in the problems in answers A and C. The failure of the nursing assistant to care for the client with hepatitis might result in termination, but is not of interest to the Joint Commission.
 88. **Answer B is correct.** The next action after discussing the problem with the nurse is to document the incident by filing a formal reprimand. If the behavior

continues or if harm has resulted to the client, the nurse may be terminated and reported to the Board of Nursing, but these are not the first actions requested in the stem. A tort is a wrongful act to the client or his belongings and is not indicated in this instance. Therefore, Answers A, C, and D are incorrect.

89. **Answer D is correct.** The client at highest risk for complications is the client with multiple sclerosis who is being treated with cortisone via the central line. The others are more stable. MRSA is methicillin-resistant staphylococcus aureus. Vancomycin is the drug of choice and is given at scheduled times to maintain blood levels of the drug. The clients in answers A, B, and C are more stable and can be seen later.
90. **Answer B is correct.** The pregnant client and the client with a broken arm and facial lacerations are the best choices for placing in the same room. The clients in answers A, C, and D need to be placed in separate rooms due to the serious natures of their injuries.
91. **Answer A is correct.** Before instilling eyedrops, the nurse should cleanse the area with water. A 6-year-old child is not developmentally ready to instill his own eyedrops, so answer B is incorrect. Although the mother of the child can instill the eyedrops, the area must be cleansed before administration, making answer C incorrect. Although the eye might appear to be clear, the nurse should instill the eyedrops, as ordered, so answer D is incorrect.
92. **Answer C is correct.** Remember the ABCs (airway, breathing, circulation) when answering this question. Answer C is correct because a hotdog is the size and shape of the child's trachea and poses a risk of aspiration. Answers A, B, and D are incorrect because white grape juice, a grilled cheese sandwich, and ice cream do not pose a risk of aspiration for a child.
93. **Answer C is correct.** The nurse should encourage rooming-in to promote parent-child attachment. It is okay for the parents to be in the room for assessment of the child. Allowing the child to have items that are familiar to him is allowed and encouraged; therefore, answers A and B are incorrect. Answer D is not part of the nurse's responsibilities.
94. **Answer B is correct.** The hearing aid should be stored in a warm, dry place. It should be cleaned daily but should not be moldy, so answer A is incorrect. A toothpick is inappropriate to use to clean the aid; the toothpick might break off in the hearing aid, making answer C incorrect. Changing the batteries weekly, as in answer D, is not necessary.
95. **Answer C is correct.** Always remember your ABCs (airway, breathing, circulation) when selecting an answer. Although answers B and D might be appropriate for this child, answer C should have the highest priority. Answer A does not apply for a child who has undergone a tonsillectomy.

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96. **Answer A is correct.** If the child has bacterial pneumonia, a high fever is usually present. Bacterial pneumonia usually presents with a productive cough, not a nonproductive cough, making answer B incorrect. Rhinitis is often seen with viral pneumonia, and vomiting and diarrhea are usually not seen with pneumonia, so answers C and D are incorrect.
97. **Answer B is correct.** For a child with epiglottitis and the possibility of complete obstruction of the airway, emergency tracheostomy equipment should always be kept at the bedside. Intravenous supplies, fluid, and oxygen will not treat an obstruction; therefore, answers A, C, and D are incorrect.
98. **Answer C is correct.** Exophthalmos (protrusion of eyeballs) often occurs with hyperthyroidism. The client with hyperthyroidism will often exhibit tachycardia, increased appetite, and weight loss; therefore, answers A, B, and D are incorrect.
99. **Answer D is correct.** The child with celiac disease should be on a gluten-free diet. Answers A, B, and C all contain gluten, while answer D gives the only choice of foods that does not contain gluten.
100. **Answer C is correct.** Remember the ABCs (airway, breathing, circulation) when answering this question. Before notifying the physician or assessing the pulse, oxygen should be applied to increase the oxygen saturation, so answers A and D are incorrect. The normal oxygen saturation for a child is 92%–100%, making answer B incorrect.
101. **Answer B is correct.** An amniotomy is an artificial rupture of membranes and normal amniotic fluid is straw-colored and odorless. Fetal heart tones of 160 indicate tachycardia, and greenish fluid is indicative of meconium, so answers A and C are incorrect. If the nurse notes the umbilical cord, the client is experiencing a prolapsed cord, so answer D is incorrect and would need to be reported immediately.
102. **Answer D is correct.** Dilatation of 2cm marks the end of the latent phase of labor. Answer A is a vague answer, answer B indicates the end of the first stage of labor, and answer C indicates the transition phase.
103. **Answer B is correct.** The normal fetal heart rate is 120–160bpm; 100–110bpm is bradycardia. The first action would be to turn the client to the left side and apply oxygen. Answer A is not indicated at this time. Answer C is not the best action for clients experiencing bradycardia. There is no data to indicate the need to move the client to the delivery room at this time.
104. **Answer D is correct.** The expected effect of Pitocin is cervical dilation. Pitocin causes more intense contractions, which can increase the pain, making answer A incorrect. Cervical effacement is caused by pressure on the presenting part, so answer B is incorrect. Answer C is opposite the action of Pitocin.

105. **Answer B is correct.** Applying a fetal heart monitor is the correct action at this time. There is no need to prepare for a Caesarean section or to place the client in Genu Pectoral position (knee-chest), so answers A and C are incorrect. Answer D is incorrect because there is no need for an ultrasound based on the finding.
106. **Answer B is correct.** The nurse decides to apply an external monitor because the membranes are intact. Answers A, C, and D are incorrect. The cervix is dilated enough to use an internal monitor, if necessary. An internal monitor can be applied if the client is at 0-station. Contraction intensity has no bearing on the application of the fetal monitor.
107. **Answer D is correct.** Clients admitted in labor are told not to eat during labor, to avoid nausea and vomiting. Ice chips may be allowed, but this amount of fluid might not be sufficient to prevent fluid volume deficit. In answer A, impaired gas exchange related to hyperventilation would be indicated during the transition phase. Answers B and C are not correct in relation to the stem.
108. **Answer D is correct.** This information indicates a late deceleration. This type of deceleration is caused by uteroplacental lack of oxygen. Answer A has no relation to the readings, so it's incorrect; answer B results in a variable deceleration; and answer C is indicative of an early deceleration.
109. **Answer C is correct.** The initial action by the nurse observing a late deceleration should turn the client to the side—preferably, the left side. Administering oxygen is also indicated. Answer A might be necessary but not before turning the client to her side. Answer B is not necessary at this time. Answer D is incorrect because there is no data to indicate that the monitor has been applied incorrectly.
110. **Answer D is correct.** Accelerations with movement are normal. Answers A, B, and C indicate ominous findings on the fetal heart monitor.
111. **Answer C is correct.** Epidural anesthesia decreases the urge to void and sensation of a full bladder. A full bladder will decrease the progression of labor. Answers A, B, and D are incorrect for the stem.
112. **Answer B is correct.** Lutenizing hormone released by the pituitary is responsible for ovulation. At about day 14, the continued increase in estrogen stimulates the release of lutenizing hormone from the anterior pituitary. The LH surge is responsible for ovulation, or the release of the dominant follicle in preparation for conception, which occurs within the next 10–12 hours after the LH levels peak. Answers A, C, and D are incorrect because estrogen levels are high at the beginning of ovulation, the endometrial lining is thick, not thin, and the progesterone levels are high, not low.

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113. **Answer C is correct.** The success of the rhythm method of birth control is dependent on the client's menses being regular. It is not dependent on the age of the client, frequency of intercourse, or range of the client's temperature; therefore, answers A, B, and D are incorrect.
114. **Answer C is correct.** The best method of birth control for the client with diabetes is the diaphragm. A permanent intrauterine device can cause a continuing inflammatory response in diabetics that should be avoided, oral contraceptives tend to elevate blood glucose levels, and contraceptive sponges are not good at preventing pregnancy. Therefore, answers A, B, and D are incorrect.
115. **Answer D is correct.** The signs of an ectopic pregnancy are vague until the fallopian tube ruptures. The client will complain of sudden, stabbing pain in the lower quadrant that radiates down the leg or up into the chest. Painless vaginal bleeding is a sign of placenta previa, abdominal cramping is a sign of labor, and throbbing pain in the upper quadrant is not a sign of an ectopic pregnancy, making answers A, B, and C incorrect.
116. **Answer C is correct.** All of the choices are tasty, but the pregnant client needs a diet that is balanced and has increased amounts of calcium. Answer A is lacking in fruits and milk. Answer B contains the potato chips, which contain a large amount of sodium. Answer C contains meat, fruit, potato salad, and yogurt, which has about 360mg of calcium. Answer D is not the best diet because it lacks vegetables and milk products.
117. **Answer B is correct.** The client with hyperemesis has persistent nausea and vomiting. With vomiting comes dehydration. When the client is dehydrated, she will have metabolic acidosis. Answers A and C are incorrect because they are respiratory dehydration. Answer D is incorrect because the client will not be in alkalosis with persistent vomiting.
118. **Answer B is correct.** The most definitive diagnosis of pregnancy is the presence of fetal heart tones. The signs in answers A, C, and D are subjective and might be related to other medical conditions. Answers A and C may be related to a hydatidiform mole, and answer D is often present before menses or with the use of oral contraceptives.
119. **Answer C is correct.** The infant of a diabetic mother is usually large for gestational age. After birth, glucose levels fall rapidly due to the absence of glucose from the mother. Answer A is incorrect because the infant will not be small for gestational age. Answer B is incorrect because the infant will not be hyperglycemic. Answer D is incorrect because the infant will be large, not small, and will be hypoglycemic, not hyperglycemic.

120. **Answer B is correct.** When the client is taking oral contraceptives and begins antibiotics, another method of birth control should be used. Antibiotics decrease the effectiveness of oral contraceptives. Approximately 5–10 pounds of weight gain is not unusual, so answer A is incorrect. If the client misses a birth control pill, she should be instructed to take the pill as soon as she remembers the pill. Answer C is incorrect. If she misses two, she should take two; if she misses more than two, she should take the missed pills but use another method of birth control for the remainder of the cycle. Answer D is incorrect because changes in menstrual flow are expected in clients using oral contraceptives. Often these clients have lighter menses.
121. **Answer B is correct.** Clients with HIV should not breastfeed because the infection can be transmitted to the baby through breast milk. The clients in answers A, C, and D—those with diabetes, hypertension, and thyroid disease—can be allowed to breastfeed.
122. **Answer A is correct.** The symptoms of painless vaginal bleeding are consistent with placenta previa. Answers B, C, and D are incorrect. Cervical check for dilation is contraindicated because this can increase the bleeding. Checking for firmness of the uterus can be done, but the first action should be to check the fetal heart tones. A detailed history can be done later.
123. **Answer D is correct.** The client should be advised to come to the labor and delivery unit when the contractions are every 5 minutes and consistent. She should also be told to report to the hospital if she experiences rupture of membranes or extreme bleeding. She should not wait until the contractions are every 2 minutes or until she has bloody discharge, so answers A and B are incorrect. Answer C is a vague answer and can be related to a urinary tract infection.
124. **Answer A is correct.** Infants of mothers who smoke are often low in birth weight. Infants who are large for gestational age are associated with diabetic mothers, so answer B is incorrect. Preterm births are associated with smoking, but not with appropriate size for gestation, making answer C incorrect. Growth retardation is associated with smoking, but this does not affect the infant length; therefore, answer D is incorrect.
125. **Answer A is correct.** To provide protection against antibody production, RhoGam should be given within 72 hours. The answers in B, C, and D are too late to provide antibody protection. RhoGam can also be given during pregnancy.
126. **Answer B is correct.** When the membranes rupture, there is often a transient drop in the fetal heart tones. The heart tones should return to baseline quickly. Any alteration in fetal heart tones, such as bradycardia or tachycardia, should be reported. After the fetal heart tones are assessed, the nurse should

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evaluate the cervical dilation, vital signs, and level of discomfort, making answers A, C, and D incorrect.

127. **Answer A is correct.** The active phase of labor occurs when the client is dilated 4–7cm. The latent or early phase of labor is from 1cm to 3cm in dilation, so answers B and D are incorrect. The transition phase of labor is 8–10cm in dilation, making answer C incorrect.
128. **Answer B is correct.** The infant of an addicted mother will undergo withdrawal. Snugly wrapping the infant in a blanket will help prevent the muscle irritability that these babies often experience. Teaching the mother to provide tactile stimulation or provide for early infant stimulation are incorrect because he is irritable and needs quiet and little stimulation at this time, so answers A and D are incorrect. Placing the infant in an infant seat in answer C is incorrect because this will also cause movement that can increase muscle irritability.
129. **Answer C is correct.** Following epidural anesthesia, the client should be checked for hypotension and signs of shock every 5 minutes for 15 minutes. The client can be checked for cervical dilation later after she is stable. The client should not be positioned supine because the anesthesia can move above the respiratory center and the client can stop breathing. Fetal heart tones should be assessed after the blood pressure is checked. Therefore, answers A, B, and D are incorrect.
130. **Answer B is correct.** The best way to prevent post-operative wound infection is hand washing. Use of prescribed antibiotics will treat infection, not prevent infections, making answer A incorrect. Wearing a mask and asking the client to cover her mouth are good practices but will not prevent wound infections; therefore, answers C and D are incorrect.
131. **Answer B is correct.** The client with a hip fracture will most likely have disalignment. Answers A, C, and D are incorrect because all fractures cause pain, and coolness of the extremities and absence of pulses are indicative of compartment syndrome or peripheral vascular disease.
132. **Answer B is correct.** After menopause, women lack hormones necessary to absorb and utilize calcium. Doing weight-bearing exercises and taking calcium supplements can help to prevent osteoporosis but are not causes, so answers A and C are incorrect. Body types that frequently experience osteoporosis are thin Caucasian females, but they are not most likely related to osteoporosis, so answer D is incorrect.
133. **Answer B is correct.** The infant's hips should be off the bed approximately 15° in Bryant's traction. Answer A is incorrect because this does not indicate that the traction is working correctly, nor does C. Answer D is incorrect because Bryant's traction is a skin traction, not a skeletal traction.

134. **Answer A is correct.** Balanced skeletal traction uses pins and screws. A Steinman pin goes through large bones and is used to stabilize large bones such as the femur. Answer B is incorrect because only the affected leg is in traction. Kirschner wires are used to stabilize small bones such as fingers and toes, as in answer C. Answer D is incorrect because this type of traction is not used for fractured hips.
135. **Answer A is correct.** Bleeding is a common complication of orthopedic surgery. The blood-collection device should be checked frequently to ensure that the client is not hemorrhaging. The client's pain should be assessed, but this is not life-threatening. When the client is in less danger, the nutritional status should be assessed and an immobilizer is not used; thus, answers B, C, and D are incorrect.
136. **Answer A is correct.** The client's family member should be taught to flush the tube after each feeding and clamp the tube. The placement should be checked before feedings, and indigestion can occur with the PEG tube, just as it can occur with any client, so answers B and C are incorrect. Medications can be ordered for indigestion, but it is not a reason for alarm. A percutaneous endoscopy gastrostomy tube is used for clients who have experienced difficulty swallowing. The tube is inserted directly into the stomach and does not require swallowing; therefore, answer D is incorrect.
137. **Answer C is correct.** The client with a total knee replacement should be assessed for anemia. A hematocrit of 26% is extremely low and might require a blood transfusion. Bleeding of 2cm on the dressing is not extreme. Circle and date and time the bleeding and monitor for changes in the client's status. A low-grade temperature is not unusual after surgery. Ensure that the client is well hydrated, and recheck the temperature in 1 hour. If the temperature is above 101°F, report this finding to the doctor. Tylenol will probably be ordered. Voiding after surgery is also not uncommon and no need for concern; therefore answers A, B, and D are incorrect.
138. **Answer B is correct.** Plumbism is lead poisoning. One factor associated with the consumption of lead is eating from pottery made in Central America or Mexico that is unfired. The child lives in a house built after 1976 (this is when lead was taken out of paint), and the parents make stained glass as a hobby. Stained glass is put together with lead, which can drop on the work area, where the child can consume the lead beads. Answer A is incorrect because simply traveling out of the country does not increase the risk. In answer C, the house was built after the lead was removed with the paint. Answer D is unrelated to the stem.
139. **Answer A is correct.** The equipment that can help with activities of daily living is the high-seat commode. The hip should be kept higher than the knee.

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The recliner is good because it prevents 90° flexion but not daily activities. A TENS (Transcutaneous Electrical Nerve Stimulation) unit helps with pain management and an abduction pillow is used to prevent adduction of the hip and possibly dislocation of the prosthesis; therefore, answers B, C, and D are incorrect.

140. **Answer B is correct.** Narcan is the antidote for narcotic overdose. If hypoxia occurs, the client should have oxygen administered by mask, not cannula. There is no data to support the administration of blood products or cardioresuscitation, so answers A, C, and D are incorrect.
141. **Answer B is correct.** The 6-year-old should have a roommate as close to the same age as possible, so the 12-year-old is the best match. The 10-year-old with sarcoma has cancer and will be treated with chemotherapy that makes him immune suppressed, the 6-year-old with osteomyelitis is infected, and the client in answer A is too old and is female; therefore, answers A, C, and D are incorrect.
142. **Answer B is correct.** Cox II inhibitors have been associated with heart attacks and strokes. Any changes in cardiac status or signs of a stroke should be reported immediately, along with any changes in bowel or bladder habits because bleeding has been linked to use of Cox II inhibitors. The client does not have to take the medication with milk, remain upright, or allow 6 weeks for optimal effect, so answers A, C, and D are incorrect.
143. **Answer D is correct.** A plaster-of-Paris cast takes 24 hours to dry, and the client should not bear weight for 24 hours. The cast should be handled with the palms, not the fingertips, so answer A is incorrect. Petaling a cast is covering the end of the cast with cast batting or a sock, to prevent skin irritation and flaking of the skin under the cast, making answer B incorrect. The client should be told not to dry the cast with a hair dryer because this causes hot spots and could burn the client. This also causes unequal drying; thus, answer C is incorrect.
144. **Answer A is correct.** There is no reason that the client's friends should not be allowed to autograph the cast; it will not harm the cast in any way, so answers B, C, and D are incorrect.
145. **Answer A is correct.** The nurse is performing the pin care correctly when she uses sterile gloves and Q-tips. A licensed practical nurse can perform pin care, there is no need to clean the weights, and the nurse can help with opening the packages but it isn't required; therefore, answers B, C, and D are incorrect.
146. **Answer A is correct.** A body cast or spica cast extends from the upper abdomen to the knees or below. Bowel sounds should be checked to ensure that the client is not experiencing a paralytic ileus. Checking the blood

pressure is a treatment for any client, offering pain medication is not called for, and checking for swelling isn't specific to the stem, so answers B, C, and D are incorrect.

147. **Answer C is correct.** Halo traction will be ordered for the client with a cervical fracture. Russell's traction is used for bones of the lower extremities, as is Buck's traction. Crutchfield tongs are used while in the hospital and the client is immobile; therefore, answers A, B, and D are incorrect.
148. **Answer B is correct.** The controller for the continuous passive-motion device should be placed away from the client. Many clients complain of pain while having treatments with the CPM, so they might turn off the machine. The CPM flexes and extends the leg. The client is in the bed during CPM therapy, so answer A is incorrect. Answer C is incorrect because clients will experience pain with the treatment. Use of the CPM does not alleviate the need for physical therapy, as suggested in answer D.
149. **Answer A is correct.** The client's palms should rest lightly on the handles. The elbows should be flexed no more than 30° but should not be extended. Answer B is incorrect because 0° is not a relaxed angle for the elbows and will not facilitate correct walker use. The client should walk to the middle of the walker, not to the front of the walker, making answer C incorrect. The client should be taught not to carry the walker because this would not provide stability; thus, answer D is incorrect.
150. **Answer C is correct.** The client with a prolapsed cord should be treated by elevating the hips and covering the cord with a moist, sterile saline gauze. The nurse should use her fingers to push up on the presenting part until a cesarean section can be performed. Answers A, B, and D are incorrect. The nurse should not attempt to replace the cord, turn the client on the side, or cover with a dry gauze.
151. **Answer B is correct.** Chest tubes work to reinflate the lung and drain serous fluid. The tube does not equalize expansion of the lungs. Pain is associated with collapse of the lung, and insertion of chest tubes is painful, so answers A and C are incorrect. Answer D is true, but this is not the primary rationale for performing chest tube insertion.
152. **Answer D is correct.** Success with breastfeeding depends on many factors, but the most dependable reason for success is desire and willingness to continue the breastfeeding until the infant and mother have time to adapt. The educational level, the infant's birth weight, and the size of the mother's breast have nothing to do with success, so answers A, B, and C are incorrect.
153. **Answer C is correct.** Green-tinged amniotic fluid is indicative of meconium staining. This finding indicates fetal distress. The presence of scant bloody

discharge is normal, as are frequent urination and moderate uterine contractions, making answers A, B, and D incorrect.

154. **Answer C is correct.** Duration is measured from the beginning of one contraction to the end of the same contraction. Answer A refers to frequency. Answer B is incorrect because we do not measure from the end of one contraction to the beginning of the next contraction. Duration is not measured from the peak of the contraction to the end, as stated in D.
155. **Answer B is correct.** The client receiving Pitocin should be monitored for decelerations. There is no association with Pitocin use and hypoglycemia, maternal hyperreflexia, or fetal movement; therefore, answers A, C, and D are incorrect.
156. **Answer D is correct.** Fetal development depends on adequate nutrition and insulin regulation. Insulin needs increase during the second and third trimesters, insulin requirements do not moderate as the pregnancy progresses, and elevated human chorionic gonadotrophin elevates insulin needs, not decreases them; therefore, answers A, B, and C are incorrect.
157. **Answer A is correct.** A calm environment is needed to prevent seizure activity. Any stimulation can precipitate seizures. Obtaining a diet history should be done later, and administering an analgesic is not indicated because there is no data in the stem to indicate pain. Therefore, answers B and C are incorrect. Assessing the fetal heart tones is important, but this is not the highest priority in this situation as stated in answer D.
158. **Answer A is correct.** The client who is age 42 is at risk for fetal anomalies such as Down syndrome and other chromosomal aberrations. Answers B, C, and D are incorrect because the client is not at higher risk for respiratory distress syndrome or pathological jaundice, and Turner's syndrome is a genetic disorder.
159. **Answer C is correct.** The client with a missed abortion will have induction of labor. Prostin E. is a form of prostaglandin used to soften the cervix. Magnesium sulfate is used for preterm labor and preeclampsia, calcium gluconate is the antidote for magnesium sulfate, and Pardel is a dopamine receptor stimulant used to treat Parkinson's disease; therefore, answers A, B, and D are incorrect. Pardel was used at one time to dry breast milk.
160. **Answer A is correct.** The client's blood pressure and urinary output are within normal limits. The only alteration from normal is the decreased deep tendon reflexes. The nurse should continue to monitor the blood pressure and check the magnesium level. The therapeutic level is 4.8–9.6mg/dL. Answers B, C, and D are incorrect. There is no need to stop the infusion at this time or slow the rate. Calcium gluconate is the antidote for magnesium sulfate, but there is no data to indicate toxicity.

161. **Answer C is correct.** Autosomal recessive disorders can be passed from the parents to the infant. If both parents pass the trait, the child will get two abnormal genes and the disease results. Parents can also pass the trait to the infant. Answer A is incorrect because, to have an affected newborn, the parents must be carriers. Answer B is incorrect because both parents must be carriers. Answer D is incorrect because the parents might have affected children.
162. **Answer D is correct.** Alpha fetoprotein is a screening test done to detect neural tube defects such as spina bifida. The test is not mandatory, as stated in answer A. It does not indicate cardiovascular defects, and the mother's age has no bearing on the need for the test, so answers B and C are incorrect.
163. **Answer B is correct.** During pregnancy, the thyroid gland triples in size. This makes it more difficult to regulate thyroid medication. Answer A is incorrect because there could be a need for thyroid medication during pregnancy. Answer C is incorrect because the thyroid function does not slow. Fetal growth is not arrested if thyroid medication is continued, so answer D is incorrect.
164. **Answer C is correct.** Cyanosis of the feet and hands is acrocyanosis. This is a normal finding 1 minute after birth. An apical pulse should be 120–160, and the baby should have muscle tone, making answers A and B incorrect. Jaundice immediately after birth is pathological jaundice and is abnormal, so answer D is incorrect.
165. **Answer A is correct.** Clients with sickle cell crises are treated with heat, hydration, oxygen, and pain relief. Fluids are increased, not decreased. Blood transfusions are usually not required, and the client can be delivered vaginally; thus, answers B, C, and D are incorrect.
166. **Answer A is correct.** Before ultrasonography, the client should be taught to drink plenty of fluids and not void. The client may ambulate, an enema is not needed, and there is no need to withhold food for 8 hours. Therefore, answers B, C, and D are incorrect.
167. **Answer D is correct.** By 1 year of age, the infant is expected to triple his birth weight. Answers A, B, and C are incorrect because they are too low.
168. **Answer B is correct.** A nonstress test is done to evaluate periodic movement of the fetus. It is not done to evaluate lung maturity as in answer A. An oxytocin challenge test shows the effect of contractions on fetal heart rate and a nonstress test does not measure neurological well-being of the fetus, so answers C and D are incorrect.
169. **Answer B is correct.** Hypospadias is a condition in which there is an opening on the dorsal side of the penis. Answer A is incorrect because hypospadias does not concern the urethral opening. Answer C is incorrect because the size of

the penis is not affected. Answer D is incorrect because the opening is on the dorsal side, not the ventral side.

170. **Answer A is correct.** Transition is the time during labor when the client loses concentration due to intense contractions. Potential for injury related to precipitate delivery has nothing to do with the dilation of the cervix, so answer B is incorrect. There is no data to indicate that the client has had anesthesia or fluid volume deficit, making answers C and D incorrect.
171. **Answer C is correct.** Varicella is chicken pox. This herpes virus is treated with antiviral medications. The client is not treated with antibiotics or anticoagulants as stated in answers A and D. The client might have a fever before the rash appears, but when the rash appears, the temperature is usually gone, so answer B is incorrect.
172. **Answer B is correct.** Clients with chest pain can be treated with nitroglycerin, a beta blocker such as propranolol, or Varapamil. There is no indication for an antibiotic such as Ampicillin, so answers A, C, and D are incorrect.
173. **Answer B is correct.** Anti-inflammatory drugs should be taken with meals to avoid stomach upset. Answers A, C, and D are incorrect. Clients with rheumatoid arthritis should exercise, but not to the point of pain. Alternating hot and cold is not necessary, especially because warm, moist soaks are more useful in decreasing pain. Weight-bearing activities such as walking are useful but is not the best answer for the stem.
174. **Answer D is correct.** Morphine is contraindicated in clients with gallbladder disease and pancreatitis because morphine causes spasms of the Sphenter of Oddi. Meperidine, Mylanta, and Cimetadine are ordered for pancreatitis, making answers A, B, and C incorrect.
175. **Answer B is correct.** Hallucinogenic drugs can cause hallucinations. Continuous observation is ordered to prevent the client from harming himself during withdrawal. Answers A, C, and D are incorrect because hallucinogenic drugs don't create both stimulant and depressant effects or produce severe respiratory depression. However, they do produce psychological dependence rather than physical dependence.
176. **Answer B is correct.** Barbiturates create a sedative effect. When the client stops taking barbiturates, he will experience tachycardia, diarrhea, and tachpnea. Answer A is incorrect even though depression and suicidal ideation go along with barbiturate use; it is not the priority. Muscle cramps and abdominal pain are vague symptoms that could be associated with other problems. Tachycardia is associated with stopping barbiturates, but euphoria is not.
177. **Answer A is correct.** If the fetal heart tones are heard in the right upper abdomen, the infant is in a breech presentation. If the infant is positioned in

the right occipital anterior presentation, the FHTs will be located in the right lower quadrant, so answer B is incorrect. If the fetus is in the sacral position, the FHTs will be located in the center of the abdomen, so answer C is incorrect. If the FHTs are heard in the left lower abdomen, the infant is most likely in the left occipital transverse position, making answer D incorrect.

178. **Answer D is correct.** Asthma is the presence of bronchiolar spasms. This spasm can be brought on by allergies or anxiety. Answer A is incorrect because the primary physiological alteration is not inflammation. Answer B is incorrect because there is the production of abnormally viscous mucus, not a primary alteration. Answer C is incorrect because infection is not primary to asthma.
179. **Answer A is correct.** The client with mania is seldom sitting long enough to eat and burns many calories for energy. Answer B is incorrect because the client should be treated the same as other clients. Small meals are not a correct option for this client. Allowing her into the kitchen gives her privileges that other clients do not have and should not be allowed, so answer D is incorrect.
180. **Answer B is correct.** Bryant's traction is used for fractured femurs and dislocated hips. The hips should be elevated 15° off the bed. Answer A is incorrect because the hips should not be resting on the bed. Answer C is incorrect because the hips should not be above the level of the body. Answer D is incorrect because the hips and legs should not be flat on the bed.
181. **Answer B is correct.** Herpes zoster is shingles. Clients with shingles should be placed in contact precautions. Wearing gloves during care will prevent transmission of the virus. Covering the lesions with a sterile gauze is not necessary, antibiotics are not prescribed for herpes zoster, and oxygen is not necessary for shingles; therefore, answers A, C, and D are incorrect.
182. **Answer B is correct.** A trough level should be drawn 30 minutes before the third or fourth dose. The times in answers A, C, and D are incorrect times to draw blood levels.
183. **Answer B is correct.** The client using a diaphragm should keep the diaphragm in a cool location. Answers A, C, and D are incorrect. She should refrain from leaving the diaphragm in longer than 8 hours, not 4 hours. She should have the diaphragm resized when she gains or loses 10 pounds or has abdominal surgery.
184. **Answer C is correct.** Mothers who plan to breastfeed should drink plenty of liquids, and four glasses is not enough in a 24-hour period. Wearing a support bra is a good practice for the mother who is breastfeeding as well as the mother who plans to bottle-feed, so answer A is incorrect. Expressing milk

from the breast will stimulate milk production, making answer B incorrect. Allowing the water to run over the breast will also facilitate “letdown,” when the milk begins to be produced; thus, answer D is incorrect.

185. **Answer A is correct.** The facial nerve is cranial nerve VII. If damage occurs, the client will experience facial pain. The auditory nerve is responsible for hearing loss and tinnitus, eye movement is controlled by the Trochlear or C IV, and the olfactory nerve controls smell; therefore, answers B, C, and D are incorrect.
186. **Answer B is correct.** Clients taking Pyridium should be taught that the medication will turn the urine orange or red. It is not associated with diarrhea, mental confusion, or changes in taste; therefore, answers A, C, and D are incorrect. Pyridium can also cause a yellowish color to skin and sclera if taken in large doses.
187. **Answer B is correct.** Accutane is contraindicated for use by pregnant clients because it causes teratogenic effects. Calcium levels, apical pulse, and creatinine levels are not necessary; therefore, answers A, C, and D are incorrect.
188. **Answer D is correct.** Clients taking Acyclovir should be encouraged to drink plenty of fluids because renal impairment can occur. Limiting activity is not necessary, nor is eating a high-carbohydrate diet. Use of an incentive spirometer is not specific to clients taking Acyclovir; therefore, answers A, B, and C are incorrect.
189. **Answer A is correct.** Clients who are pregnant should not have an MRI because radioactive isotopes are used. However, clients with a titanium hip replacement can have an MRI, so answer B is incorrect. No antibiotics are used with this test and the client should remain still only when instructed, so answers C and D are not specific to this test.
190. **Answer D is correct.** Clients taking Amphotericin B should be monitored for liver, renal, and bone marrow function because this drug is toxic to the kidneys and liver, and causes bone marrow suppression. Jaundice is a sign of liver toxicity and is not specific to the use of Amphotericin B. Changes in vision are not related, and nausea is a side effect, not a sign of toxicity; nor is urinary frequency. Thus, answers A, B, and C are incorrect.
191. **Answer C is correct.** The client with chest pain should be seen first because this could indicate a myocardial infarction. The client in answer A has a blood glucose within normal limits. The client in answer B is maintained on blood pressure medication. The client in answer D is in no distress.
192. **Answer B is correct.** Pancreatic enzymes should be given with meals for optimal effects. These enzymes assist the body in digesting needed nutrients. Answers A, C, and D are incorrect methods of administering pancreatic enzymes.

193. **Answer C is correct.** The lens allows light to pass through the pupil and focus light on the retina. The lens does not stimulate the retina, assist with eye movement, or magnify small objects, so answers A, B, and D are incorrect.
194. **Answer C is correct.** Miotic eyedrops constrict the pupil and allow aqueous humor to drain out of the Canal of Schlemm. They do not anesthetize the cornea, dilate the pupil, or paralyze the muscles of the eye, making answers A, B, and D incorrect.
195. **Answer A is correct.** When using eyedrops, allow 5 minutes between the two medications; therefore, answer B is incorrect. These medications can be used by the same client but it is not necessary to use a cyclopegic with these medications, making answers C and D incorrect.
196. **Answer B is correct.** Clients with color blindness will most likely have problems distinguishing violets, blues, and green. The colors in answers A, C, and D are less commonly affected.
197. **Answer D is correct.** The client with a pacemaker should be taught to count and record his pulse rate. Answers A, B, and C are incorrect. Ankle edema is a sign of right-sided congestive heart failure. Although this is not normal, it is often present in clients with heart disease. If the edema is present in the hands and face, it should be reported. Checking the blood pressure daily is not necessary for these clients. The client with a pacemaker can use a microwave oven, but he should stand about 5 feet from the oven while it is operating.
198. **Answer A is correct.** Clients who are being retrained for bladder control should be taught to withhold fluids after about 7 p.m., or 1900. The times in answers B, C, and D are too early in the day.
199. **Answer D is correct.** Cranberry juice is more alkaline and, when metabolized by the body, is excreted with acidic urine. Bacteria does not grow freely in acidic urine. Increasing intake of meats is not associated with urinary tract infections, so answer A is incorrect. The client does not have to avoid citrus fruits and pericare should be done, but hydrogen peroxide is drying, so answers B and C are incorrect.
200. **Answer C is correct.** NPH insulin peaks in 8–12 hours, so a snack should be offered at that time. NPH insulin onsets in 90–120 minutes, so answer A is incorrect. Answer B is untrue because NPH insulin is time released and does not usually cause sudden hypoglycemia. Answer D is incorrect, but the client should eat a bedtime snack.
201. **Answer D is correct.** Methotrexate is a folic acid antagonist. Leucovorin is the drug given for toxicity to this drug. It is not used to treat iron-deficiency anemia, create synergistic effects, or increase the number of circulating neutrophils. Therefore, answers A, B, and C are incorrect.

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202. **Answer B is correct.** The client who is allergic to dogs, eggs, rabbits, and chicken feathers is most likely allergic to the rubella vaccine. The client who is allergic to neomycin is also at risk. There is no danger to the client if he has an order for a TB skin test, ELISA test, or chest x-ray; thus, answers A, C, and D are incorrect.
203. **Answer B is correct.** Zantac (rantidine) is a histamine blocker that should be given with meals for optimal effect, not before meals. However, Tagamet (cimetidine) is a histamine blocker that can be given in one dose at bedtime. Neither of these drugs should be given before or after meals, so answers A and D are incorrect.
204. **Answer C is correct.** The proximal end of the double-barrel colostomy is the end toward the small intestines. This end is on the client's right side. The distal end, as in answers A, B, and D, is on the client's left side.
205. **Answer A is correct.** If the nurse checks the fundus and finds it to be displaced to the right or left, this is an indication of a full bladder. This finding is not associated with hypotension or clots, as stated in answer B. Oxytocic drugs (Pitocin) are drugs used to contract the uterus, so answer C is incorrect. It has nothing to do with displacement of the uterus. Answer D is incorrect because displacement is associated with a full bladder, not vaginal bleeding.
206. **Answer C is correct.** Clients with an internal defibrillator or a pacemaker should not have an MRI because it can cause dysrhythmias in the client with a pacemaker. If the client has a need for oxygen, is claustrophobic, or is deaf, he can have an MRI, but provisions such as extension tubes for the oxygen, sedatives, or a signal system should be made to accommodate these problems. Therefore, answers A, B, and D are incorrect.
207. **Answer C is correct.** A 6-month-old is too old for the colorful mobile. He is too young to play with the electronic game or the 30-piece jigsaw puzzle. The best toy for this age is the cars in a plastic container, so answers A, B, and D are incorrect.
208. **Answer C is correct.** The client with polio has muscle weakness. Periods of rest throughout the day will conserve the client's energy. A hot bath can cause burns; however, a warm bath would be helpful, so answer A is incorrect. Strenuous exercises are not advisable, making answer B incorrect. Visual disturbances are directly associated with polio and cannot be corrected with glasses; therefore, answer D is incorrect.
209. **Answer B is correct.** The client with a protoepisiotomy will need stool softeners such as docusate sodium. Suppositories are given only with an order from the doctor, Methergine is a drug used to contract the uterus, and Parlodel is an anti-Parkinsonian drug; therefore, answers A, C, and D are incorrect.

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210. **Answer C is correct.** Total Parenteral Nutrition is a high-glucose solution. This therapy often causes the glucose levels to be elevated. Because this is a common complication, insulin might be ordered. Answers A, B, and D are incorrect. TPN is used to treat negative nitrogen balance; it will not lead to negative nitrogen balance. Total Parenteral Nutrition can be managed with oral hypoglycemic drugs, but it is difficult to do so. Total Parenteral Nutrition will not lead to further pancreatic disease.
211. **Answer B is correct.** The client who is 10 weeks pregnant should be assessed to determine how she feels about the pregnancy. It is too early to discuss preterm labor, too late to discuss whether she was using a method of birth control, and after the client delivers, a discussion of future children should be instituted. Thus, answers A, C, and D are incorrect.
212. **Answer A is correct.** The best IV fluid for correction of dehydration is normal saline because it is most like normal serum. Dextrose pulls fluid from the cell, lactated Ringer's contains more electrolytes than the client's serum, and dextrose with normal saline will also alter the intracellular fluid. Therefore, answers B, C, and D are incorrect.
213. **Answer A is correct.** A thyroid scan uses a dye, so the client should be assessed for allergies to iodine. The client will not have a bolus of fluid, will not be asleep, and will not have a urinary catheter inserted, so answers B, C, and D are incorrect.
214. **Answer B is correct.** RhoGam is used to prevent formation of Rh antibodies. It does not provide immunity to Rh isoenzymes, eliminate circulating Rh antibodies, or convert the Rh factor from negative to positive; thus, answers A, C, and D are incorrect.
215. **Answer B is correct.** A client with a fractured foot often has a short leg cast applied to stabilize the fracture. A spica cast is used to stabilize a fractured pelvis or vertebral fracture. Kirschner wires are used to stabilize small bones such as toes and the client will most likely have a cast or immobilizer, so answers A, C, and D are incorrect.
216. **Answer A is correct.** Iridium seeds can be expelled during urination, so the client should be taught to strain his urine and report to the doctor if any of the seeds are expelled. Increasing fluids, reporting urinary frequency, and avoiding prolonged sitting are not necessary; therefore, answers B, C, and D are incorrect.
217. **Answer C is correct.** Immunosuppressants are used to prevent antibody formation. Antivirals, antibiotics, and analgesics are not used to prevent antibody production, so answers A, B, and D are incorrect.

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218. **Answer A is correct.** Before cataract removal, the client will have Mydriatic drops instilled to dilate the pupil. This will facilitate removal of the lens. Miotics constrict the pupil and are not used in cataract clients. A laser is not used to smooth and reshape the lens; the diseased lens is removed. Silicone oil is not injected in this client; thus, answers B, C, and D are incorrect.
219. **Answer C is correct.** Placing simple signs that indicate the location of rooms where the client sleeps, eats, and bathes will help the client be more independent. Providing mirrors and pictures is not recommended with the client who has Alzheimer's disease because mirrors and pictures tend to cause agitation, and alternating healthcare workers confuses the client; therefore, answers A, B, and D are incorrect.
220. **Answer C is correct.** A Jackson-Pratt drain is a serum-collection device commonly used in abdominal surgery. A Jackson-Pratt drain will not prevent the need for dressing changes, reduce edema of the incision, or keep the common bile duct open, so answers A, B, and D are incorrect. A t-tube is used to keep the common bile duct open.
221. **Answer C is correct.** The infant who is 32 weeks gestation will not be able to control his head, so head lag will be present. Mongolian spots are common in African American infants, not Caucasian infants; the client at 32 weeks will have scrotal rugae or redness but will not have vernix caseosa, the cheesy appearing covering found on most full-term infants. Therefore, answers A, B, and D are incorrect.
222. **Answer A is correct.** Hematuria in a client with a pelvic fracture can indicate trauma to the bladder or impending bleeding disorders. It is not unusual for the client to complain of muscles spasms with multiple fractures, so answer B is incorrect. Dizziness can be associated with blood loss and is nonspecific, making answer C incorrect. Nausea, as stated in answer D, is also common in the client with multiple traumas.
223. **Answer C is correct.** The client's statement "They are trying to kill me" indicates paranoid delusions. There is no data to indicate that the client is hearing voices or is intoxicated, so answers A and D are incorrect. Delusions of grandeur are fixed beliefs that the client is superior or perhaps a famous person, making answer B incorrect.
224. **Answer B is correct.** Because the nurse is unaware of when the bottle was opened or whether the saline is sterile, it is safest to obtain a new bottle. Answers A, C, and D are not safe practices.
225. **Answer C is correct.** Infants with an Apgar of 9 at 5 minutes most likely have acrocyanosis, a normal physiologic adaptation to birth. It is not related to the infant being cold, experiencing bradycardia, or being lethargic; thus, answers A, B, and D are incorrect.

226. **Answer A is correct.** Rapid continuous rewarming of a frostbite primarily lessens cellular damage. It does not prevent formation of blisters. It does promote movement, but this is not the primary reason for rapid rewarming. It might increase pain for a short period of time as the feeling comes back into the extremity; therefore, answers B, C, and D are incorrect.
227. **Answer D is correct.** Hemodialysis works by using a dialyzing membrane to filter waste that has accumulated in the blood. It does not pass water through a dialyzing membrane nor does it eliminate plasma proteins or lower the pH, so answers A, B, and C are incorrect.
228. **Answer B is correct.** The client who is immune-suppressed and is exposed to measles should be treated with medications to boost his immunity to the virus. An antibiotic or antiviral will not protect the client and it is too late to place the client in isolation, so answers A, C, and D are incorrect.
229. **Answer D is correct.** The client with MRSA should be placed in isolation. Gloves, a gown, and a mask should be used when caring for the client and hand washing is very important. The door should remain closed, but a negative-pressure room is not necessary, so answers A and B are incorrect. MRSA is spread by contact with blood or body fluid or by touching the skin of the client. It is cultured from the nasal passages of the client, so the client should be instructed to cover his nose and mouth when he sneezes or coughs. It is not necessary for the client to wear the mask at all times; the nurse should wear the mask, so answer C is incorrect.
230. **Answer B is correct.** Pain related to phantom limb syndrome is due to peripheral nervous system interruption. Answer A is incorrect because phantom limb pain can last several months or indefinitely. Answer C is incorrect because it is not psychological. It is also not due to infections, as stated in answer D.
231. **Answer A is correct.** During a Whipple procedure the head of the pancreas, which is a part of the stomach, the jejunum, and a portion of the stomach are removed and reanastomosed. Answer B is incorrect because the proximal third of the small intestine is not removed. The entire stomach is not removed, as in answer C, and in answer D, the esophagus is not removed.
232. **Answer C is correct.** Pepper is not processed and contains bacteria. Answers A, B, and D are incorrect because fruits should be cooked or washed and peeled, and salt and ketchup are allowed.
233. **Answer A is correct.** Coumadin is an anticoagulant. One of the tests for bleeding time is a Protime. This test should be done monthly. Eating more fruits and vegetables is not necessary, and dark-green vegetables contain vitamin K, which increases clotting, so answer B is incorrect. Drinking more liquids and avoiding crowds is not necessary, so answers C and D are incorrect.

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234. **Answer A is correct.** The client who is having a central venous catheter removed should be told to hold his breath and bear down. This prevents air from entering the line. Answers B, C, and D will not facilitate removal.
235. **Answer B is correct.** Clients with a history of streptococcal infections could have antibodies that render the streptokinase ineffective. There is no reason to assess the client for allergies to pineapples or bananas, there is no correlation to the use of phenytoin and streptokinase, and a history of alcohol abuse is also not a factor in the order for streptokinase; therefore, answers A, C, and D are incorrect.
236. **Answer B is correct.** The client who is immune-suppressed and has bone marrow suppression should be taught not to floss his teeth because platelets are decreased. Using oils and cream-based soaps is allowed, as is eating salt and using an electric razor; therefore, answers A, C, and D are incorrect.
237. **Answer A is correct.** The best method and safest way to change the ties of a tracheotomy is to apply the new ones before removing the old ones. Having a helper is good, but the helper might not prevent the client from coughing out the tracheotomy. Answer C is not the best way to prevent the client from coughing out the tracheotomy. Asking the doctor to suture the tracheotomy in place is not appropriate.
238. **Answer D is correct.** The output of 300mL is indicative of hemorrhage and should be reported immediately. Answer A does nothing to help the client. Milking the tube is done only with an order and will not help in this situation, and slowing the intravenous infusion is not correct; thus, answers B and C are incorrect.
239. **Answer A is correct.** The infant with tetralogy of Fallot has four heart defects. He will be treated with digoxin to slow and strengthen the heart. Epinephrine, aminophylline, and atropine will speed the heart rate and are not used in this client; therefore, answers B, C, and D are incorrect.
240. **The correct answer is marked by an X in the diagram.** The Tail of Spence is located in the upper outer quadrant of the breast.
241. **Answer A is correct.** The toddler with a ventricular septal defect will tire easily. He will not grow normally but will not need more calories. He will be susceptible to bacterial infection, but he will be no more susceptible to viral infections than other children. Therefore, answers B, C, and D are incorrect.
242. **Answer B is correct.** A nonstress test determines periodic movement of the fetus. It does not determine lung maturity, show contractions, or measure neurological well-being, making answers A, C, and D incorrect.

243. **Answer C is correct.** The monitor indicates variable decelerations caused by cord compression. If Pitocin is infusing, the nurse should turn off the Pitocin. Instructing the client to push is incorrect because pushing could increase the decelerations and because the client is 8cm dilated, making answer A incorrect. Performing a vaginal exam should be done after turning off the Pitocin, and placing the client in a semi-Fowler's position is not appropriate for this situation; therefore, answers B and D are incorrect.
244. **Answer C is correct.** The graph indicates ventricular tachycardia. The answers in A, B, and D are not noted on the ECG strip.
245. **Answer B is correct.** Lovenox injections should be given in the abdomen, not in the deltoid muscle. The client should not aspirate after the injection or clear the air from the syringe before injection. Therefore, answers A, C, and D are incorrect.
246. **Answer B is correct.** Valium is not given in the same syringe with other medications, so answer A is incorrect. These medications can be given to the same client, so answer D is incorrect. In answer C, it is not necessary to wait to inject the second medication. Valium is an antianxiety medication, and Phenergan is used as an antiemetic.
247. **Answer B is correct.** Voiding every 3 hours prevents stagnant urine from collecting in the bladder, where bacteria can grow. Douching is not recommended and obtaining a urinalysis monthly is not necessary, making answers A and C incorrect. The client should practice wiping from front to back after voiding and bowel movements, so answer D is incorrect.
248. **Answer C is correct.** Of these clients, the one who should be assigned to the care of the nursing assistant is the client with dementia. Only an RN or the physician can place the client in seclusion, so answer A is incorrect. The nurse should empty the Foley catheter of the preeclamptic client because the client is unstable, making answer B incorrect. A nurse or physical therapist should ambulate the client with a fractured hip, so answer D is incorrect.
249. **Answer A is correct.** The client who has recently had a thyroidectomy is at risk for tracheal edema. A padded tongue blade is used for seizures and not for the client with tracheal edema, so answer B is incorrect. If the client experiences tracheal edema, the endotracheal tube or airway will not correct the problem, so answers C and D are incorrect.
250. **Answer D is correct.** Histoplasmosis is a fungus carried by birds. It is not transmitted to humans by cats, dogs, or turtles. Therefore, answers A, B, and C are incorrect.