

**Question 1** See full question

A physician orders chlorzoxazone, 500 mg P.O. t.i.d for a client. The nurse knows that chlorzoxazone, a centrally acting skeletal muscle relaxant, is commonly used to treat:

**You Selected:**

- severe muscle spasm.

**Correct response:**

- severe muscle spasm.

**Explanation:**

**Remediation:**

**Question 2** See full question

A nurse monitors a client receiving enoxaparin 30 mg subcutaneously b.i.d after hip replacement surgery. Which adverse reaction is the client most likely to experience?

**You Selected:**

- Bleeding

**Correct response:**

- Bleeding

**Explanation:**

**Remediation:**

**Question 3** See full question

A nurse is caring for a client who complains of lower back pain. Which instruction should the nurse give to the client to prevent back injury?

**You Selected:**

- "Narrow the stance when lifting."

**Correct response:**

- "Stand close to the object you're lifting."

**Explanation:**

**Remediation:**

**Question 4** See full question

During a scoliosis screening in a college health center, a student asks the public health nurse about the consequences of untreated scoliosis. The nurse identifies one of the direct complications as:

**You Selected:**

- spontaneous spinal cord injury.

**Correct response:**

- impingement on pulmonary function.

**Explanation:**

**Remediation:**

**Question 5** See full question

The media requests information from a nurse caring for a client who is a criminal. Which statement best shows the nurse's understanding of confidentiality requirements when the client is a criminal?

**You Selected:**

- The nurse shouldn't provide the media with any information about the client.

**Correct response:**

- The nurse shouldn't provide the media with any information about the client.

**Explanation:**

**Question 6** See full question

A client has a total hip replacement. Which of the following client statements indicates a need for further teaching before discharge?

**You Selected:**

- "I will be careful not to cross my legs."

**Correct response:**

- "I can't wait to take a tub bath when I get home."

**Explanation:**

**Remediation:**

**Question 7** See full question

The client sustained an open fracture of the femur from an automobile accident. The nurse should assess the client for which type of shock?

**You Selected:**

- cardiogenic

**Correct response:**

- hypovolemic

**Explanation:**

**Remediation:**

**Question 8** See full question

A client reports having pain in the casted left arm that is unrelieved by pain medication. The nurse assesses the arm and notes that the fingers are swollen and difficult to separate. What should the nurse do **first**?

**You Selected:**

- Administer morphine 2 mg intravenously.

**Correct response:**

- Call the health care provider (HCP) to report swelling and pain.

**Explanation:**

**Remediation:**

**Question 9** See full question

When assessing a client who reports a back injury, it is critical for the nurse to question the client about:

**You Selected:**

- family history of back problems.

**Correct response:**

- mechanism of injury.

**Explanation:**

**Remediation:**

**Question 10** See full question

The nurse is caring for an elderly client who has hip pain related to rheumatoid arthritis. The client is practicing appropriate self-care activities when the client chooses to sit in which type of chair?

**You Selected:**

- curved-back rocking chair

**Correct response:**

- straight-back chair with elevated seat

**Explanation:**

**Remediation:**

**Question 11** See full question

The initial postoperative assessment is completed on a client who had an arthroscopy of the knee. Which information is **not** necessary to obtain every 15 minutes during the first postoperative hour?

**You Selected:**

- pain rating of the operative site

**Correct response:**

- urine output

**Explanation:**

**Remediation:**

**Question 12** See full question

A client has been positioned in the lithotomy position under general anesthesia for a pelvic procedure. In which anatomic area may the client expect to experience postoperative discomfort?

**You Selected:**

- thighs

**Correct response:**

- shoulders

**Explanation:**

**Remediation:**

**Question 13** See full question

Which condition should the nurse assess when completing the history and physical examination of a client diagnosed with osteoarthritis?

**You Selected:**

- weight loss

**Correct response:**

- local joint pain

**Explanation:**

**Remediation:**

**Question 14** See full question

A client who had a total hip replacement 2 days ago has developed an infection with a fever and profuse diaphoresis. The nurse establishes a goal to reduce the fluid deficit. Which outcome is the **most** appropriate?

**You Selected:**

- The client drinks 2000 mL of fluid per day.

**Correct response:**

- The client drinks 2000 mL of fluid per day.

**Explanation:**

**Remediation:**

**Question 15** See full question

The nurse is assessing a client's left leg for neurovascular changes following a total left knee replacement. Which are expected normal findings? Select all that apply.

**You Selected:**

- moves toes
- pulse on left leg weaker than right leg
- pain absent

**Correct response:**

- reduced edema of the left knee
- skin warm to touch
- capillary refill response of less than 3 seconds
- moves toes

**Explanation:**

**Remediation:**

**Question 16** See full question

Which client statement identifies a knowledge deficit about cast care?

**You Selected:**

- "I can pull out cast padding to scratch inside the cast."

**Correct response:**

- "I can pull out cast padding to scratch inside the cast."

**Explanation:**

**Remediation:**

**Question 17** See full question

A client has a left tibial fracture that required casting. Approximately 5 hours later, the client has increasing pain distal to the fracture despite the morphine injection administered 30 minutes previously. Which area should be the nurse's **next** assessment?

**You Selected:**

- vital sign changes

**Correct response:**

- distal pulse

**Explanation:**

**Remediation:**

**Question 18** See full question

When caring for a client with acute osteomyelitis in the right tibia, which measure is **most** appropriate to implement when repositioning the client's leg?

**You Selected:**

- Hold the leg by the ankle when repositioning to avoid touching the tibia.

**Correct response:**

- Support the leg above and below the affected area when positioning.

**Explanation:**

**Remediation:**

**Question 19** See full question

The nurse is planning an educational program about the prevention of osteoporosis for a group of women. Which preventive measures would be appropriate for the nurse to include in the teaching plan?

**You Selected:**

- encouraging weight-bearing exercise on a regular basis

**Correct response:**

- encouraging weight-bearing exercise on a regular basis

**Explanation:**

**Remediation:**

**Question 20** See full question

The nurse is evaluating the outcome of therapy for a client with osteoarthritis. Which outcome indicates the goals of therapy have been met?

**You Selected:**

- joint range of motion improved

**Correct response:**

- joint range of motion improved

**Explanation:**

**Remediation:**

**Question 21** See full question

The client returns from surgery for a below-the-knee amputation with the residual limb covered with dressings and a woven elastic bandage. At first, the bandage was dry. Now, 30 minutes later, the nurse notices a small amount of bloody drainage. The nurse should **first**:

**You Selected:**

- mark the area of drainage.

**Correct response:**

- mark the area of drainage.

**Explanation:**

**Remediation:**

**Question 22** See full question

What would be the **most** important nursing intervention in caring for the client's residual limb during the first 24 hours after amputation of the left leg?

**You Selected:**

- Abduct the residual limb on a scheduled basis.

**Correct response:**

- Elevate the residual limb on a pillow.

**Explanation:**

**Remediation:**

**Question 23** See full question

Passive range-of-motion (ROM) exercises for the legs and assisted ROM exercises for the arms are part of the care regimen for a client with a spinal cord injury. Which observation by the nurse would indicate a successful outcome of this treatment?

**You Selected:**

- absence of tissue ischemia over bony prominences

**Correct response:**

- free, easy movement of the joints

**Explanation:**

**Remediation:**

**Question 24** See full question

The nurse is teaching a client with osteoporosis about taking alendronate sodium. The nurse emphasizes that the client is to take the medication:

**You Selected:**

- with a full glass of water and remain upright for 30 minutes.

**Correct response:**

- with a full glass of water and remain upright for 30 minutes.

**Explanation:**

**Remediation:**

**Question 25** See full question

A client takes prednisone for an acute exacerbation of rheumatoid arthritis. The nurse determines the client understands how to take the prednisone when the client says:

**You Selected:**

- "I can stop taking the prednisone as soon as my joints feel better."

**Correct response:**

- "It is best if I take this medication with some food."

**Explanation:**

**Remediation:**

**Question 26** See full question

A client comes to the emergency department reporting pain in the right leg. When obtaining the history, the nurse learns that the client has a history of obesity and hypertension. Based on this information the nurse anticipates the client having which musculoskeletal disorder?

**You Selected:**

- Muscular dystrophy

**Correct response:**

- Degenerative joint disease

**Explanation:**



**Question 27** See full question

A nurse is teaching a client who was recently diagnosed with carpal tunnel syndrome. Which statement should the nurse include?

**You Selected:**

- "Surgery is the only sure way to manage this condition."

**Correct response:**

- "Ergonomic changes can be incorporated into your workday to reduce stress on your wrist."

**Explanation:**

**Remediation:**

**Question 28** See full question

A client undergoes an arthroscopy at the outpatient clinic. After the procedure, the nurse provides discharge teaching. Which response by the client indicates the need for further teaching?

**You Selected:**

- "Elevating my leg will reduce swelling after the procedure."

**Correct response:**

- "I should use my heating pad this evening to reduce some of the pain in my knee."

**Explanation:**

**Remediation:**

**Question 29** See full question

A client is brought to the emergency department after injuring his right arm in a bicycle accident. The orthopedic surgeon tells the nurse that the client has a greenstick fracture of the arm. What does this mean?

**You Selected:**

- The fracture results from an underlying bone disorder.

**Correct response:**

- One side of the bone is broken and the other side is bent.

**Explanation:**

**Remediation:**

**Question 30** See full question

For a client with osteoporosis, the nurse should provide which dietary instruction?

**You Selected:**

- "Eat more fruits to increase your potassium intake."

**Correct response:**

- "Eat more dairy products to increase your calcium intake."

**Explanation:**

**Remediation:**

**Question 31** See full question

A client with osteoarthritis tells the nurse she is concerned that the disease will prevent her from doing her chores. Which suggestion should the nurse offer?

**You Selected:**

- "Do all your chores in the evening, when pain and stiffness are least pronounced."

**Correct response:**

- "Pace yourself and rest frequently, especially after activities."

**Explanation:**

**Remediation:**

**Question 32** See full question

A client is admitted with acute osteomyelitis that developed after an open fracture of the right femur. When planning this client's care, the nurse should anticipate which measure?

**You Selected:**

- Administering large doses of oral antibiotics as ordered

**Correct response:**

- Administering large doses of I.V. antibiotics as ordered

**Explanation:**

**Remediation:**

**Question 33** See full question

Which nursing diagnosis takes highest priority for a client with a compound fracture?

**You Selected:**

- *Activity intolerance related to weight-bearing limitations*

**Correct response:**

- *Risk for infection related to effects of trauma*

**Explanation:**

**Remediation:**

**Question 34** See full question

After a person experiences a closure of the epiphyses, which statement is true?

**You Selected:**

- The bone grows in length but not thickness.

**Correct response:**

- No further increase in bone length occurs.

**Explanation:**

**Question 35** See full question

Two days after surgery to amputate his left lower leg, a client states that he has pain in the missing extremity. Which action by the nurse is most appropriate?

**You Selected:**

- Contact the physician.

**Correct response:**

- Administer medication, as ordered, for the reported discomfort.

**Explanation:**

**Remediation:**

**Question 36** See full question

Elderly clients who fall are most at risk for which injuries?

**You Selected:**

- Cervical spine fractures

**Correct response:**

- Pelvic fractures

**Explanation:**

**Remediation:**

**Question 37** See full question

A client with osteoarthritis asks for information concerning activity and exercise. When assisting the client, which concept should be included?

**You Selected:**

- Exercising immediately upon awakening allows the client to participate in activities when he has the greatest amount of energy.

**Correct response:**

- Exercising at least 1 hour after awakening allows the client to participate in exercise after some of the morning-related stiffness has subsided.

**Explanation:**

**Remediation:**

**Question 38** See full question

A nurse is managing the care of a client with osteoarthritis. Appropriate treatment strategies for osteoarthritis include:

**You Selected:**

- administration of monthly intra-articular injections of corticosteroids.

**Correct response:**

- administration of nonsteroidal anti-inflammatory drugs (NSAIDs) and initiation of an exercise program.

**Explanation:**

**Remediation:**

**Question 39** See full question

A client undergoes a total hip replacement. Which statement made by the client indicates to the nurse that the client requires further teaching?

**You Selected:**

- "I need to remember not to cross my legs. It's such a habit."

**Correct response:**

- "I don't know if I'll be able to get off that low toilet seat at home by myself."

**Explanation:**

**Remediation:**

**Question 40** See full question

A nurse is teaching a female client about preventing osteoporosis. Which teaching point is correct?

**You Selected:**

- To prevent fractures, the client should avoid strenuous exercise.

**Correct response:**

- The recommended daily allowance of calcium may be found in a wide variety of foods.

**Explanation:**

**Remediation:**

**Question 41** See full question

A client asks the nurse what the difference is between osteoarthritis (OA) and rheumatoid arthritis (RA). Which response is correct?

**You Selected:**

- "OA is more common in women. RA is more common in men."

**Correct response:**

- "OA is a noninflammatory joint disease. RA is characterized by inflamed, swollen joints."

**Explanation:**

**Remediation:**

**Question 42** See full question

A nurse is assisting a client with range-of-motion exercises. The nurse moves the client's leg out and away from the midline of the body. What movement does the nurse document?

**You Selected:**

- Adduction

**Correct response:**

- Abduction

**Explanation:**

**Remediation:**

**Question 43** See full question

A client is preparing for discharge from the emergency department after sustaining an ankle sprain. The client is instructed to avoid weight bearing on the affected leg and is given crutches. After instruction, the client demonstrates proper crutch use in the hallway. What additional information is most important to know before discharging the client?

**You Selected:**

- Whether pets are present in the home

**Correct response:**

- Whether the client needs to navigate stairs routinely at home

**Explanation:**

**Remediation:**

**Question 44** See full question

A nurse notes that a client has kyphosis and generalized muscle atrophy. Which problem is a **priority** when the nurse develops a nursing plan of care?

**You Selected:**

- ineffective coughing and deep breathing

**Correct response:**

- ineffective coughing and deep breathing

**Explanation:**

**Remediation:**

**Question 45** See full question

When assessing an older adult as a candidate for crutch walking, the nurse should take into account that for some elderly people, crutch walking is an impractical goal primarily because of decreased:

**You Selected:**

- motor coordination.

**Correct response:**

- motor coordination.

**Explanation:**

**Remediation:**

**Question 46** See full question

The client with an above-the-knee amputation is to be fitted with a functioning prosthesis. The nurse has been teaching the client how to care for the residual limb. Which behavior would demonstrate that the client has an understanding of proper residual limb care? The client:

**You Selected:**

- inspects the residual limb weekly with a mirror.

**Correct response:**

- washes and dries the residual limb daily.

**Explanation:**

**Remediation:**

**Question 47** See full question

After surgery and insertion of a total hip prosthesis, a client develops severe sudden pain and an inability to move the extremity. The nurse interprets these findings as indicating:

**You Selected:**

- glue seepage into soft tissue.

**Correct response:**

- joint dislocation.

**Explanation:**

**Remediation:**

**Question 48** See full question

A client is to have a below-the-knee amputation. Prior to surgery, the circulating nurse in the operating room should:

**You Selected:**

- verify that the surgeon possesses the degree of expertise needed.

**Correct response:**

- initiate a time-out.

**Explanation:**

**Remediation:**

**Question 49** See full question

The nurse is caring for a client who is 30 years of age with a fracture of the right femur and left tibia. Both legs have casts. The nurse assesses the following: respirations are 30 per minute and are rapid and shallow; presence of faint expiratory wheeze; and coughing produces thin pink sputum. The client is yelling at the nurse and wants to be released from the hospital; this is behavior unlike that previously reported. The last pain medication was administered 3 hours ago. The nurse should **first**:

**You Selected:**

- prescribe a chest x-ray.

**Correct response:**

- notify the health care provider (HCP).

**Explanation:**

**Question 50** See full question

The nurse is planning care with an older adult who is at risk for falling because of postural hypotension. Which intervention will be **most** effective in preventing falls in this client?

**You Selected:**

- Attach a sensor to the client that will alarm when client attempts to get up.

**Correct response:**

- Instruct the client to sit, obtain balance, dangle legs, and rise slowly.

**Question 1** See full question

A nurse should monitor a client with a pelvic fracture receiving an opium derivative, such as morphine, for what common adverse reaction?

**You Selected:**

- Respiratory depression

**Correct response:**

- Respiratory depression

**Explanation:**

**Remediation:**

**Question 2** See full question

A client recently had a right total hip replacement. As a result of intraoperative blood loss, postoperative serum hemoglobin levels and hematocrit are low. The physician orders two units of packed red blood cells. During the infusion of the first unit of blood, the client develops a transfusion reaction and experiences urticaria, itching, and bronchospasm. The nurse discontinues the transfusion and notifies the physician. Which antihistamine does the nurse anticipate administering to treat this type I hypersensitivity reaction?

**You Selected:**

- Astemizole

**Correct response:**

- Chlorpheniramine maleate

**Explanation:**

**Remediation:**

**Question 3** See full question

A client complains that he experiences pain and numbness in his fingers when he types on a computer keyboard. Which action will help the nurse assess for Phalen's sign?



**You Selected:**

- Having the client hold both hands above his head with his arms straight for 30 seconds

**Correct response:**

- Having the client hold both wrists in acute flexion with the dorsal surfaces touching for 60 seconds

**Explanation:**

**Remediation:**

**Question 4** See full question

A nurse is performing an admission assessment on a client admitted with a pelvic fracture. Which statement by the client requires the nurse to seek more information from a legal standpoint?

**You Selected:**

- "I'm going to need help at home after I'm discharged."

**Correct response:**

- "Sometimes my husband gets so angry with me."

**Explanation:**

**Remediation:**

**Question 5** See full question

A nurse is caring for five clients on the orthopedic unit with the help of a nursing assistant. Which task may the nurse delegate to the nursing assistant?

**You Selected:**

- Taking a verbal report from the emergency department for a client being admitted to the orthopedic unit

**Correct response:**

- Assisting a client to the bathroom and recording the output in the medical record

**Explanation:**

**Question 6** See full question

A client undergoes total hip replacement. After surgery, the client questions why he must go to a rehabilitation center because he has family who can care for him. Which response by the nurse is best?

**You Selected:**

- "The rehabilitation staff can evaluate your progress and make sure that you exercise without risking injury."

**Correct response:**

- "The rehabilitation staff can evaluate your progress and make sure that you exercise without risking injury."

**Explanation:**

**Remediation:**

**Question 7** See full question

Nonsteroidal anti-inflammatory drugs (NSAIDs) are commonly used in the treatment of musculoskeletal conditions. It is important for the nurse to remind the client to:

**You Selected:**

- take NSAIDs with food.

**Correct response:**

- take NSAIDs with food.

**Explanation:**

**Remediation:**

**Question 8** See full question

Four hours after a cast has been applied for a fractured ulna, the nurse assesses that the client's fingers are pale and cool and capillary refill is delayed for 4 seconds. How should the nurse interpret these findings?

**You Selected:**

- The finding is normal for this recovery period.

**Correct response:**

- Arterial blood supply to the fingers is decreased.

**Explanation:**

**Remediation:**

**Question 9** See full question

A client in a double hip spica cast is constipated. The surgeon cuts a window into the front of the cast. Which outcome is intended?

**You Selected:**

- The window will provide some relief from pressure due to abdominal distention as a result of constipation.

**Correct response:**

- The window will provide some relief from pressure due to abdominal distention as a result of constipation.

**Explanation:**

**Remediation:**

**Question 10** See full question

A client with an extracapsular hip fracture returns to the nursing unit after internal fixation and pin insertion with a drainage tube at the incision site. Her husband asks, "Why does she have this tube inserted in her hip?" Which response would be **best**?

**You Selected:**

- "Fluid will not be allowed to accumulate at the site."

**Correct response:**

- "Fluid will not be allowed to accumulate at the site."

**Explanation:**

**Remediation:**

**Question 11** See full question

A client with a hip fracture has undergone surgery for insertion of a femoral head prosthesis. Which activity should the nurse instruct the client to avoid?

**You Selected:**

- using an abductor splint while lying on the side

**Correct response:**

- crossing the legs while sitting down

**Explanation:**

**Remediation:**

**Question 12** See full question

The nurse is planning care for a group of clients who have had total hip replacement. Of the clients listed below, which is at **highest** risk for infection and should be assessed first?

**You Selected:**

- a 74-year-old who has periodontal disease with periodontitis

**Correct response:**

- a 74-year-old who has periodontal disease with periodontitis

**Explanation:**

**Remediation:**

**Question 13** See full question

A client who has been using crutches at home for 1 week reports having trouble using the crutches because the armpits hurt and the fingers tingle. The nurse should tell the client:

**You Selected:**

- "Be sure to take your pain medication before ambulating. That will help your discomfort."

**Correct response:**

- "Let me watch you ambulate. Your crutches or technique may need some adjustment."

**Explanation:**

**Remediation:**

**Question 14** See full question

The client with rheumatoid arthritis has been taking large doses of aspirin to relieve joint pain. The nurse should assess the client for:

**You Selected:**

- chest pain.

**Correct response:**

- tinnitus.

**Explanation:**

**Remediation:**

**Question 15** See full question

After a right total knee replacement, the client's right leg is placed in a continuous passive motion (CPM) machine. Nursing responsibilities when caring for a client with this apparatus should include:

**You Selected:**

- maintaining proper positioning of the leg on the CPM machine.

**Correct response:**

- maintaining proper positioning of the leg on the CPM machine.

**Explanation:**

**Remediation:**

**Question 16** See full question

A client has been diagnosed with degenerative joint disease (osteoarthritis) of the left hip. Which factor in the client's history would most likely increase the joint symptoms of osteoarthritis?

**You Selected:**

- obesity

**Correct response:**

- obesity

**Explanation:**

**Remediation:**

**Question 17** See full question

When the client who has had a hip replacement is lying on the side, the nurse should place pillows or an abductor splint between the legs to prevent:

**You Selected:**

- flexion of the knees.

**Correct response:**

- adduction of the hip joint.

**Explanation:**

**Remediation:**

**Question 18** See full question

The nurse is instructing the unlicensed assistive personnel (UAP) about how to prevent plantar flexion (footdrop) for a client on complete bed rest. The UAP should:

**You Selected:**

- massage lotion onto the feet daily.

**Correct response:**

- encourage active range of motion to unaffected extremities.

**Explanation:**

**Remediation:**

**Question 19** See full question

A woman of African descent is admitted to the hospital after sustaining a hip fracture. She is 5 feet, 4 inches (163 cm) tall and weighs 96 lb (44 kg). She has five children. She reports that she "just stepped forward and fell." The results of her bone density tests indicate she has osteoporosis. Which is the greatest risk factor for osteoporosis for this woman?

**You Selected:**

- her balance

**Correct response:**

- her weight

**Explanation:**

**Remediation:**

**Question 20** See full question

A client who has suffered a compound fracture is preparing for discharge to home. During the teaching session, the client asks why he needs antibiotics for a broken bone. Which response by the nurse is most appropriate?

**You Selected:**

- "If your temperature is normal for 48 hours, you may discontinue the medication."

**Correct response:**

- "Antibiotic therapy has been prescribed as a precaution because your bone was exposed to the environment at the time of your injury."

**Explanation:**

**Remediation:**

**Question 21** See full question

A male client comes to the clinic with complaints of pain in his right great toe. The client reports that the pain is worse at night. Assessment reveals tophi. The nurse suspects the client has:

**You Selected:**

- osteoarthritis.

**Correct response:**

- gouty arthritis.

**Explanation:**

**Remediation:**

**Question 22** See full question

A physician diagnoses primary osteoporosis in a client who has lost bone mass. In this metabolic disorder, the rate of bone resorption accelerates while bone formation slows. Primary osteoporosis is most common in:

**You Selected:**

- young menstruating women.

**Correct response:**

- elderly postmenopausal women.

**Explanation:**

**Remediation:**

**Question 23** See full question

A client suspected of having systemic lupus erythematosus (SLE) is being scheduled for testing. She asks which of the tests ordered will determine if she is positive for the disorder. Which statement by the nurse is most accurate?

**You Selected:**

- "Tell me more about your concerns about this potential diagnosis."

**Correct response:**

- "The diagnosis won't be based on the findings of a single test but by combining all data found."

**Explanation:**

**Remediation:**

**Question 24** See full question

When developing a care plan for a client newly diagnosed with scleroderma, which nursing diagnosis has the highest priority?

**You Selected:**

- *Impaired gas exchange*

**Correct response:**

- *Impaired skin integrity*

**Explanation:**

**Remediation:**

**Question 25** See full question

A client is in Buck's traction after fracturing his right hip. The nurse should include which action in the care plan?

**You Selected:**

- Maintaining correct body alignment

**Correct response:**

- Maintaining correct body alignment

**Explanation:**

**Remediation:**

**Question 26** See full question

After undergoing surgery the previous day for a total knee replacement, a client states that he doesn't feel ready to ambulate yet. What should the nurse do?

**You Selected:**

- Tell the client that she'll contact the physician and report his noncompliance.

**Correct response:**

- Discuss the complications that the client's may experience if he doesn't cooperate with the care plan.

**Explanation:**

**Remediation:**

**Question 27** See full question

A nurse is caring for a client with a cast on his left arm after sustaining a fracture. Which assessment finding is most significant for this client?

**You Selected:**

- Presence of a normal popliteal pulse

**Correct response:**

- Fingers on the left hand are swollen and cool

**Explanation:**

**Remediation:**

**Question 28** See full question

Which nursing diagnosis is the most appropriate for a client with a strained ankle?

**You Selected:**

- *Impaired physical mobility*

**Correct response:**

- *Impaired physical mobility*

**Explanation:**

**Remediation:**



**Question 29** See full question

Upon reporting to work and receiving report, a nurse has been assigned to provide care for three clients. Each of the clients has called out to the nurses' station requesting assistance. Which client should the nurse see first?

**You Selected:**

- A 60-year-old female, who is in traction to manage chronic muscle spasms, who is requesting assistance to order her evening meal

**Correct response:**

- A 32-year-old male, who had a plaster cast applied to his leg 2 hours ago, who complains that the cast feels as if it's getting tighter

**Explanation:**

**Remediation:**

**Question 30** See full question

To help prevent osteoporosis, what should a nurse advise a young woman to do?

**You Selected:**

- Keep the serum uric acid level within the normal range.

**Correct response:**

- Consume at least 1,000 mg of calcium daily.

**Explanation:**

**Remediation:**

**Question 31** See full question

A nurse is caring for a client who recently underwent a total hip replacement. The nurse should:

**You Selected:**

- allow the client's legs to be crossed at the knees when out of bed.

**Correct response:**

- limit hip flexion of the client's hip when he sits.

**Explanation:**

**Remediation:**

**Question 32** See full question

A nurse is giving instructions to a client who's going home with a cast on his leg. Which teaching point is most critical?

**You Selected:**

- Exercising joints above and below the cast, as ordered

**Correct response:**

- Reporting signs of impaired circulation

**Explanation:**

**Remediation:**

**Question 33** See full question

Primary prevention of osteoporosis includes:

**You Selected:**

- placing items within the client's reach.

**Correct response:**

- optimal calcium intake and estrogen replacement therapy.

**Explanation:**

**Remediation:**

**Question 34** See full question

A client is recovering from an attack of gout. Client teaching should include the need to lose weight because:

**You Selected:**

- weight loss will reduce uric acid levels and reduce stress on joints.

**Correct response:**

- weight loss will reduce uric acid levels and reduce stress on joints.

**Explanation:**

**Remediation:**

**Question 35** See full question

A nurse is performing discharge teaching for an elderly client diagnosed with osteoporosis. Which statement about home safety should the nurse include?

**You Selected:**

- "Most falls among the elderly occur outside the home. Clients should confine themselves to their homes as much as practical."

**Correct response:**

- "Most falls among the elderly occur in the home. These clients should remove throw rugs and install bathroom grab bars."

**Explanation:**

**Remediation:**

**Question 36** See full question

After a total hip replacement, the client tells the nurse that the pain in the operative hip has increased. Assessing the hip and leg, the nurse notes that the leg is internally rotated and shorter than the other leg and that the client has difficulty moving the leg. Based on this information, the nurse determines that the client:

**You Selected:**

- would benefit from additional muscle-strengthening exercises.

**Correct response:**

- has experienced a dislocation of the hip prosthesis.

**Explanation:**

**Remediation:**

**Question 37** See full question

A client scheduled for hip replacement surgery wishes to receive his own blood for the upcoming surgery. The nurse should:

**You Selected:**

- notify the surgeon's office.

**Correct response:**

- notify the surgeon's office.

**Explanation:**

**Remediation:**

**Question 38** See full question

The nurse is caring for an older adult male who had open reduction internal fixation (ORIF) of the right hip 24 hours ago. The client is now experiencing shortness of breath and reports having "tightness in my chest." The nurse reviews the recent lab results. The nurse should report which lab results to the health care provider (HCP)?

**You Selected:**

- serum glucose: 120 mg/dL (6.7 mmol/L)

**Correct response:**

- troponin: 1.4 mcg/L (1.4 µg/L)

**Explanation:**

**Remediation:**

**Question 39** See full question

After surgery and insertion of a total hip prosthesis, a client develops severe sudden pain and an inability to move the extremity. The nurse interprets these findings as indicating:

**You Selected:**

- glue seepage into soft tissue.

**Correct response:**

- joint dislocation.

**Explanation:**

**Remediation:**

**Question 40** See full question

The laboratory notifies the nurse that a client who had a total knee replacement 3 days ago and is receiving heparin has an activated partial thromboplastin time (aPTT) of 95 seconds. After verifying the values, the nurse calls the health care provider (HCP). The nurse should discuss with the HCP giving the client a prescription for:

**You Selected:**

- packed red blood cells

**Correct response:**

- protamine sulfate

**Explanation:**

**Remediation:**

**Question 41** See full question

The nursing assessment of a client with osteomyelitis of the left great toe reveals pain with partial weight-bearing, unsteady gait, and general weakness. Based on these data, the nurse should institute which safety measure?

**You Selected:**

- referral to physical therapy

**Correct response:**

- falls precautions

**Explanation:**

**Remediation:**

**Question 42** See full question

The client in traction for a fractured femur is having difficulty managing self-care activities. Which outcome indicates a successful completion of a goal of promoting independence for this client?

**You Selected:**

- The client accepts that self-care is not possible while in traction.

**Correct response:**

- The client assists as much as possible in care, demonstrating increased participation over time.

**Explanation:**

**Remediation:**

**Question 43** See full question

The nurse is preparing to administer carbamazepine oral suspension, 150 mg by mouth. The pharmacy has dispensed carbamazepine suspension 100 mg/5 mL. How many milliliters of carbamazepine should the nurse administer to the client? Record your answer using one decimal place.

**Your Response:**

- 7.5

**Correct response:**

- 7.5

**Explanation:**

**Remediation:**

**Question 44** See full question

Following a total hip replacement, the nurse should position the client by:

**You Selected:**

- elevating both feet on two pillows.

**Correct response:**

- keeping the extremity in slight abduction using an abduction splint or pillows placed between the thighs.

**Explanation:**

**Remediation:**

**Question 45** See full question

The nurse is providing discharge teaching for a client being discharged after a cast application for a fractured tibia. Teaching has been effective when the client states he/she will notify the physician for which of the following?

**You Selected:**

- Inability to move the leg at the fracture site

**Correct response:**

- Pallor, coolness, and parasthesias of the toes

**Explanation:**

**Remediation:**

**Question 46** See full question

A hospitalized client with a fracture of the tibia and fibula of the left leg is reporting increased pain at the site. What signs must the nurse be alert to that would indicate compromised circulation to the leg?

**You Selected:**

- Increased swelling of the toes and decreased distal pulses

**Correct response:**

- Increased swelling of the toes and decreased distal pulses

**Explanation:**

**Remediation:**

**Question 47** See full question

A public health nurse is providing an information session focusing on injury prevention for young children diagnosed with juvenile arthritis. Of the information offered below, what should be included in this session?

**You Selected:**

- Children should be encouraged to run and play at will to expend energy.

**Correct response:**

- Daily range of motion exercises are required to support joint mobility.

**Explanation:**

**Remediation:**

**Question 48** See full question

The nurse is caring for a client admitted for pneumonia with a history of hypertension and heart failure. The client has reported at least one fall in the last 3 months. The client may ambulate with assistance, has a saline lock in place, and has demonstrated appropriate use of the call light to request assistance. Using the Morse Fall Scale (see chart), what is this client's total score and risk level?

**You Selected:**

- 60, high risk

**Correct response:**

- 60, high risk

**Explanation:**

**Remediation:**

**Question 49** See full question

The nurse is caring for an adult with a grade III compound fracture of the right femur; the client has been placed in skeletal traction. The intended outcome of the traction is to:

**You Selected:**

- prevent movement in the bed.

**Correct response:**

- reduce and immobilize the fracture.

**Explanation:**

**Remediation:**

**Question 50** See full question

The intended outcome of the use of treatment with skeletal traction for a client who has had a femoral fracture is:

**You Selected:**

- to provide long-term pull.

**Correct response:**

- to align injured bones.

**Question 1** See full question

The client has just had a total knee replacement for severe osteoarthritis. When assessing the client, which finding should lead the nurse to suspect possible nerve damage?

**You Selected:**

- numbness

**Correct response:**

- numbness

**Explanation:**

**Remediation:**

**Question 2** See full question

A client has a leg immobilized in traction. Which observation by the nurse indicates that the client understands actions to take to prevent muscle atrophy?

**You Selected:**

- The client performs isometric exercises to the affected extremity three times per day.

**Correct response:**

- The client performs isometric exercises to the affected extremity three times per day.

**Explanation:**

**Remediation:**

**Question 3** See full question

The client with a fractured tibia has been taking methocarbamol. Which finding indicates that the drug is having the intended effect?

**You Selected:**

- reduction in itching

**Correct response:**

- relief of muscle spasms

**Explanation:**

**Question 4** See full question

The nurse is teaching a client about risk factors associated with atherosclerosis and how to reduce the risk. Which risk factor is the client unable to modify?

**You Selected:**

- diabetes

**Correct response:**

- age

**Explanation:**

**Question 5** See full question



Health promotion activities to reduce the incidence of osteoporosis include:

**You Selected:**

- teaching women to avoid estrogen replacement therapy when postmenopausal.

**Correct response:**

- teaching women to maintain adequate calcium intake.

**Explanation:**

**Remediation:**

**Question 6** See full question

When a client is placed in balanced skeletal traction, the nurse should:

**You Selected:**

- apply and remove the traction weights at regular intervals throughout the day.

**Correct response:**

- ensure that the traction weights hang freely from the bed at all times.

**Explanation:**

**Remediation:**

**Question 7** See full question

A client is on bed rest after sustaining injuries in a car accident. Which nursing action helps prevent complications of immobility?

**You Selected:**

- Turning the client every 2 hours and providing a low-air-loss mattress

**Correct response:**

- Turning the client every 2 hours and providing a low-air-loss mattress

**Explanation:**

**Remediation:**

**Question 8** See full question

A client has a herniated disk in the region of the third and fourth lumbar vertebrae. Which nursing assessment finding most supports this diagnosis?

**You Selected:**

- Severe lower back pain

**Correct response:**

- Severe lower back pain

**Explanation:**

**Remediation:**

**Question 9** See full question

A client is scheduled for a laminectomy to repair a herniated intervertebral disk. When developing the postoperative care plan, the nurse should include which action?

**You Selected:**

- Maintaining bed rest for 72 hours after the laminectomy

**Correct response:**

- Turning the client from side to side, using the logroll technique

**Explanation:**

**Remediation:**

**Question 10** See full question

A client who recently had a stroke requires a cane to ambulate. When teaching about cane use, the nurse should explain that the reason for holding a cane on the uninvolved side is to:

**You Selected:**

- prevent leaning.

**Correct response:**

- distribute weight away from the involved side.

**Explanation:**

**Remediation:**

**Question 11** See full question

A nurse is developing a teaching plan for a client who must undergo an above-the-knee amputation of the left leg. After a leg amputation, exercise of the remaining limb:

**You Selected:**

- isn't necessary.

**Correct response:**

- should begin the day after surgery.

**Explanation:**

**Remediation:**

**Question 12** See full question

A client has sustained a right tibial fracture and has just had a cast applied. Which instruction should the nurse provide in his cast care?

**You Selected:**

- "Cover the cast with a blanket until the cast dries."

**Correct response:**

- "Keep your right leg elevated above heart level."

**Explanation:**

**Remediation:**

**Question 13** See full question

The nurse is planning care for the client with a femoral fracture who is in balanced suspension traction. Which nursing action is **least** likely to be included in the plan of care?

**You Selected:**

- checks for redness over the ischial tuberosity

**Correct response:**

- personal hygiene with a complete bed bath

**Explanation:**

**Remediation:**

**Question 14** See full question

The nurse has instructed the client about the correct positioning of the leg and hip following hip replacement surgery. Which statement indicates that the client has understood these instructions?

**You Selected:**

- "I may cross my legs as long as I keep my knees extended."

**Correct response:**

- "I should avoid bending over to tie my shoes."

**Explanation:**

**Remediation:**

**Question 15** See full question

A client with osteoarthritis purchased a copper bracelet to wear and tells the nurse that there is less pain now. Which response by the nurse is **most** appropriate?

**You Selected:**

- Tell the client that copper is best applied as copper lined gloves.

**Correct response:**

- Acknowledge that the client feels better, but encourage the client to continue with the prescribed therapy.

**Explanation:**

**Remediation:**

**Question 16** See full question

After the application of an arm cast, the client has pain on passive stretching of the fingers, finger swelling and tightness, and loss of function. Based on these data, the nurse anticipates that the client may be developing:

**You Selected:**

- delayed bone union.

**Correct response:**

- compartment syndrome.

**Explanation:**

**Remediation:**

**Question 17** See full question

After surgery and insertion of a total hip prosthesis, a client develops severe sudden pain and an inability to move the extremity. The nurse interprets these findings as indicating:

**You Selected:**

- bleeding in the operative site.

**Correct response:**

- joint dislocation.

**Explanation:**

**Remediation:**

**Question 18** See full question

A client is being admitted with a spinal cord transection at C7. Which assessments take priority upon the client's arrival? Select all that apply.

**You Selected:**

- reflexes
- blood pressure
- temperature

**Correct response:**

- blood pressure
- temperature
- respirations

**Explanation:**

**Remediation:**

**Question 19** See full question

A client with rheumatoid arthritis has increasing fatigue and is unable to manage all of the usual activities. The nurse should:

**You Selected:**

- instruct the client to not perform daily hygienic care until activity tolerance improves.

**Correct response:**

- encourage the client to alternate periods of rest and activity throughout the day.

**Explanation:**

**Remediation:**

**Question 20** See full question

The client in traction for a fractured femur is having difficulty managing self-care activities. Which outcome indicates a successful completion of a goal of promoting independence for this client?

**You Selected:**

- The client assists as much as possible in care, demonstrating increased participation over time.

**Correct response:**

- The client assists as much as possible in care, demonstrating increased participation over time

**Question 1** See full question

To assess the joints, a nurse asks a client to perform various movements. As the client moves his arm away from the midline, the nurse evaluates his ability to perform:

**You Selected:**

- adduction.

**Correct response:**

- abduction.

**Explanation:**

**Remediation:**

**Question 2** See full question

A nurse is caring for a client who complains of lower back pain. Which instruction should the nurse give to the client to prevent back injury?

**You Selected:**

- "Bend over the object you're lifting."

**Correct response:**

- "Stand close to the object you're lifting."

**Explanation:**

**Remediation:**

**Question 3** See full question

A client has a total hip replacement. Which of the following client statements indicates a need for further teaching before discharge?

**You Selected:**

- "I can't wait to take a tub bath when I get home."

**Correct response:**

- "I can't wait to take a tub bath when I get home."

**Explanation:**

**Remediation:**

**Question 4** See full question

The nurse instructs the client with osteoporosis that food products high in calcium include:

**You Selected:**

- broccoli.

**Correct response:**

- broccoli.

**Explanation:**

**Remediation:**

**Question 5** See full question

The client sustained an open fracture of the femur from an automobile accident. The nurse should assess the client for which type of shock?

**You Selected:**

- cardiogenic

**Correct response:**

- hypovolemic

**Explanation:**

**Remediation:**

**Question 6** See full question

When assessing a client who reports a back injury, it is critical for the nurse to question the client about:

**You Selected:**

- family history of back problems.

**Correct response:**

- mechanism of injury.

**Explanation:**

**Remediation:**

**Question 7** See full question

Upon waking up in the postanesthesia care unit and seeing a drain with bright red fluid in it exiting from his total hip incision, a client asks the nurse, "Is this the way it is supposed to be?" The nurse should tell the client:

**You Selected:**

- "This blood is being kept sterile and will be given back to you."

**Correct response:**

- "The drainage is blood and fluid that must be drained out for healing."

**Explanation:**

**Remediation:**

**Question 8** See full question

When teaching a client with an extracapsular hip fracture scheduled for surgical internal fixation with the insertion of a pin, the nurse bases the teaching on the understanding that this surgical repair is the treatment of choice because:

**You Selected:**

- the client is able to be mobilized sooner.

**Correct response:**

- the client is able to be mobilized sooner.

**Explanation:**

**Question 9** See full question

The nurse is assessing the home environment of an elderly client who is using crutches during the postoperative recovery phase after hip pinning. Which poses the **greatest** hazard to the client as a risk for falling at home?

**You Selected:**

- a 4-year-old cocker spaniel

**Correct response:**

- scatter rugs

**Explanation:**

**Remediation:**

**Question 10** See full question

Which exercise should the nurse advise the client to **avoid** after a lumbar laminectomy?

**You Selected:**

- pelvic tilts

**Correct response:**

- sit-ups

**Explanation:**

**Remediation:**

**Question 11** See full question

A client has a left tibial fracture that required casting. Approximately 5 hours later, the client has increasing pain distal to the fracture despite the morphine injection administered 30 minutes previously. Which area should be the nurse's **next** assessment?

**You Selected:**



- vital sign changes

**Correct response:**

- distal pulse

**Explanation:**

**Remediation:**

**Question 12** See full question

When caring for a client with acute osteomyelitis in the right tibia, which measure is **most** appropriate to implement when repositioning the client's leg?

**You Selected:**

- Hold the leg by the ankle when repositioning to avoid touching the tibia.

**Correct response:**

- Support the leg above and below the affected area when positioning.

**Explanation:**

**Remediation:**

**Question 13** See full question

The nurse is assessing the neurovascular status of a client's right arm, which has just had a cast applied. The nurse should notify the health care provider when which symptom occurs?

**You Selected:**

- no pain on passive movement of the fingers.

**Correct response:**

- nail bed capillary refill time of 10 seconds

**Explanation:**

**Remediation:**

**Question 14** See full question

The second morning after surgery for a below-the-knee amputation of the left leg, the client says, "This sounds crazy, but I feel my left toes tingling." This statement would indicate to the nurse that he is experiencing a:

**You Selected:**

- denial reaction.

**Correct response:**

- phantom-limb sensation.

**Explanation:**

**Remediation:**

**Question 15** See full question

A client is admitted to the orthopedic unit in balanced skeletal traction using a Thomas splint and Pearson attachment. The primary purpose of traction is to:

**You Selected:**

- prevent neurologic damage.

**Correct response:**

- realign fracture fragments.

**Explanation:**

**Remediation:**

**Question 16** See full question

A client takes prednisone for an acute exacerbation of rheumatoid arthritis. The nurse determines the client understands how to take the prednisone when the client says:

**You Selected:**

- "It is best if I take this medication with some food."

**Correct response:**

- "It is best if I take this medication with some food."

**Explanation:**

**Remediation:**

**Question 17** See full question

A client comes to the emergency department reporting pain in the right leg. When obtaining the history, the nurse learns that the client has a history of obesity and hypertension. Based on this information the nurse anticipates the client having which musculoskeletal disorder?

**You Selected:**

- Scoliosis

**Correct response:**

- Degenerative joint disease

**Explanation:**

**Question 18** See full question

A client undergoes an arthroscopy at the outpatient clinic. After the procedure, the nurse provides discharge teaching. Which response by the client indicates the need for further teaching?

**You Selected:**

- "Elevating my leg will reduce swelling after the procedure."

**Correct response:**

- "I should use my heating pad this evening to reduce some of the pain in my knee."

**Explanation:**

**Remediation:**

**Question 19** See full question

On a visit to the family physician, a client is diagnosed with a bunion on the lateral side of the great toe, at the metatarsophalangeal joint. Which statement should the nurse include in the teaching session?

**You Selected:**

- "Bunions may result from wearing shoes that are too big, causing friction when the shoes slip back and forth."

**Correct response:**

- "Some bunions are congenital; others are caused by wearing shoes that are too short or narrow."

**Explanation:**

**Question 20** See full question

A client is admitted with acute osteomyelitis that developed after an open fracture of the right femur. When planning this client's care, the nurse should anticipate which measure?

**You Selected:**

- Administering large doses of oral antibiotics as ordered

**Correct response:**

- Administering large doses of I.V. antibiotics as ordered

**Explanation:**

**Remediation:**

**Question 21** See full question

Which nursing diagnosis is most appropriate for an elderly client with osteoarthritis?

**You Selected:**

- *Impaired urinary elimination related to effects of aging*

**Correct response:**

- *Risk for injury related to altered mobility*

**Explanation:**

**Remediation:**

**Question 22** See full question

A client has a fiberglass cast on the right arm. Which action should the nurse include in the care plan?

**You Selected:**

- Avoiding handling the cast for 24 hours or until it is dry

**Correct response:**

- Assessing movement and sensation in the fingers of the right hand

**Explanation:**

**Remediation:**

**Question 23** See full question

A client with arterial insufficiency undergoes below-knee amputation of the right leg. Which action should the nurse include in the postoperative care plan?

**You Selected:**

- Elevating the stump for the first 24 hours

**Correct response:**

- Elevating the stump for the first 24 hours

**Explanation:**

**Remediation:**

**Question 24** See full question

Two days after surgery to amputate his left lower leg, a client states that he has pain in the missing extremity. Which action by the nurse is most appropriate?

**You Selected:**

- Do nothing because it isn't possible to have pain in a missing limb.

**Correct response:**

- Administer medication, as ordered, for the reported discomfort.

**Explanation:**

**Remediation:**

**Question 25** See full question

A nurse is caring for an elderly female client with osteoporosis. When teaching the client, the nurse should include information about which major complication?

**You Selected:**

- Dowager's hump

**Correct response:**

- Bone fracture

**Explanation:**

**Remediation:**

**Question 26** See full question

A nurse is managing the care of a client with osteoarthritis. Appropriate treatment strategies for osteoarthritis include:

**You Selected:**

- administration of nonsteroidal anti-inflammatory drugs (NSAIDs) and initiation of an exercise program.

**Correct response:**

- administration of nonsteroidal anti-inflammatory drugs (NSAIDs) and initiation of an exercise program.

**Explanation:**

**Remediation:**

**Question 27** See full question

A client asks the nurse what the difference is between osteoarthritis (OA) and rheumatoid arthritis (RA). Which response is correct?

**You Selected:**

- "OA is a noninflammatory joint disease. RA is characterized by inflamed, swollen joints."

**Correct response:**

- "OA is a noninflammatory joint disease. RA is characterized by inflamed, swollen joints."

**Explanation:**

**Remediation:**

**Question 28** See full question

A nurse is assisting a client with range-of-motion exercises. The nurse moves the client's leg out and away from the midline of the body. What movement does the nurse document?

**You Selected:**

- Adduction

**Correct response:**

- Abduction

**Explanation:**

**Remediation:**

**Question 29** See full question

A client was undergoing conservative treatment for a herniated nucleus pulposus, at L5 – S1, which was diagnosed by magnetic resonance imaging. Because of increasing neurological symptoms, the client undergoes lumbar laminectomy. The nurse should take which step during the immediate postoperative period?

**You Selected:**

- Have the client sit up in a chair as much as possible.

**Correct response:**

- Logroll the client from side to side.

**Explanation:**

**Remediation:**

**Question 30** See full question

A client is preparing for discharge from the emergency department after sustaining an ankle sprain. The client is instructed to avoid weight bearing on the affected leg and is given crutches. After instruction, the client demonstrates proper crutch use in the hallway. What additional information is most important to know before discharging the client?

**You Selected:**

- Whether the client drives a car with a stick shift

**Correct response:**

- Whether the client needs to navigate stairs routinely at home

**Explanation:**

**Remediation:**

**Question 31** See full question

A nurse notices a client lying on the floor at the bottom of the stairs. He's alert and oriented and states that he fell down several stairs. He denies pain other than in his arm, which is swollen and appears deformed. After calling for help, what should the nurse do?

**You Selected:**

- Place the client in a sitting position.

**Correct response:**

- Immobilize the client's arm.

**Explanation:**

**Remediation:**

**Question 32** See full question

The nurse is planning care for the client with a femoral fracture who is in balanced suspension traction. Which nursing action is **least** likely to be included in the plan of care?

**You Selected:**

- use of a fracture bedpan

**Correct response:**

- personal hygiene with a complete bed bath

**Explanation:**

**Remediation:**

**Question 33** See full question

After a total hip replacement, the client tells the nurse that the pain in the operative hip has increased. Assessing the hip and leg, the nurse notes that the leg is internally rotated and shorter than the other leg and that the client has difficulty moving the leg. Based on this information, the nurse determines that the client:

**You Selected:**

- would benefit from additional muscle-strengthening exercises.

**Correct response:**

- has experienced a dislocation of the hip prosthesis.

**Explanation:**

**Remediation:**

**Question 34** See full question

The nurse has instructed the client about the correct positioning of the leg and hip following hip replacement surgery. Which statement indicates that the client has understood these instructions?

**You Selected:**

- "I should avoid any unnecessary walking for about 3 months after my surgery."

**Correct response:**

- "I should avoid bending over to tie my shoes."

**Explanation:**

**Remediation:**

**Question 35** See full question

Which activities should the nurse teach the client to do to strengthen the hand muscles in preparation for using crutches?

**You Selected:**

- squeezing a rubber ball

**Correct response:**

- squeezing a rubber ball

**Explanation:**

**Remediation:**

**Question 36** See full question

A client with osteoarthritis purchased a copper bracelet to wear and tells the nurse that there is less pain now. Which response by the nurse is **most** appropriate?

**You Selected:**

- Warn the client not to spend any more money on quackery such as bracelets.

**Correct response:**

- Acknowledge that the client feels better, but encourage the client to continue with the prescribed therapy.

**Explanation:**

**Remediation:**

**Question 37** See full question

After the application of an arm cast, the client has pain on passive stretching of the fingers, finger swelling and tightness, and loss of function. Based on these data, the nurse anticipates that the client may be developing:



**You Selected:**

- compartment syndrome.

**Correct response:**

- compartment syndrome.

**Explanation:**

**Remediation:**

**Question 38** See full question

A client with osteoarthritis will undergo an arthrocentesis on a painful, edematous knee. What directives should be included in the nursing plan of care? Select all that apply.

**You Selected:**

- Explain the procedure.
- Instruct the client to immobilize the knee for 2 days after the surgery.
- Assess the site for bleeding.

**Correct response:**

- Explain the procedure.
- Assess the site for bleeding.
- Offer pain medication.

**Explanation:**

**Remediation:**

**Question 39** See full question

A client is to have a below-the-knee amputation. Prior to surgery, the circulating nurse in the operating room should:

**You Selected:**

- initiate a time-out.

**Correct response:**

- initiate a time-out.

**Explanation:**

**Remediation:**

**Question 40** See full question

The nursing assessment of a client with osteomyelitis of the left great toe reveals pain with partial weight-bearing, unsteady gait, and general weakness. Based on these data, the nurse should institute which safety measure?

**You Selected:**

- falls precautions

**Correct response:**

- falls precautions

**Explanation:**

**Remediation:**

**Question 41** See full question

The nurse assigns an unlicensed assistive personnel (UAP) to the care of a client who has just returned from surgery for repair of a fractured right wrist and application of an arm cast. The nurse should stress to the UAP the importance of reporting:

**You Selected:**

- the client is feeling heat from the plaster cast.

**Correct response:**

- the client cannot move the fingers on the right hand.

**Explanation:**

**Remediation:**

**Question 42** See full question

A client with rheumatoid arthritis has increasing fatigue and is unable to manage all of the usual activities. The nurse should:

**You Selected:**

- tell the client to perform all tasks early in the day.

**Correct response:**

- encourage the client to alternate periods of rest and activity throughout the day.

**Explanation:**

**Remediation:**

**Question 43** See full question

A client attempting to get out of bed stops midway because of low back pain radiating down to the right heel and lateral foot. What should the nurse do in order of priority from first to last? All options must be used.

**You Selected:**

- Assist the client to lie down.
- Apply a warm compress to the client's back.
- Administer the prescribed celecoxib.
- Notify the health care provider (HCP).

**Correct response:**

- Assist the client to lie down.
- Administer the prescribed celecoxib.
- Apply a warm compress to the client's back.
- Notify the health care provider (HCP).

**Explanation:**

**Remediation:**

**Question 44** See full question

A client has been diagnosed with osteoporosis after a bone density test and is asking what has caused it. Discussion of risk factors would include which of the following?

**You Selected:**

- Regular exercise, low fat intake, and recurrent trauma to the bones through increased weight-bearing activities

**Correct response:**

- Heavy smoking, sedentary lifestyle, and high intake of carbonated drinks

**Explanation:**

**Remediation:**

**Question 45** See full question

Which action should the nurse take for a client with a fiberglass cast on the left leg?

**You Selected:**

- Palpate radial and brachial pulses

**Correct response:**

- Assess movement and sensation of the toes

**Explanation:**

**Remediation:**

**Question 46** See full question

A nurse is caring for a client who had hip pinning surgery 6 hours ago to treat intertrochanteric fracture of the right hip. What assessment finding requires further investigation by the nurse?

**You Selected:**

- Capillary refill of the right lower extremity is 2–3 seconds

**Correct response:**

- Client is anxious and confused

**Explanation:**

**Remediation:**

**Question 47** See full question

A client is discharged with the following prescription for severe back pain from a herniated intravertebral disc: hydrocodone 5 mg, acetaminophen 500 mg, one-half to one tablet by mouth each 8 to 12 hours as needed. The nurse should instruct the client to:

**You Selected:**

- start with one tablet and then take one tablet every 12 hours.

**Correct response:**

- start with one-half tablet and take one every 12 hours.

**Explanation:**

**Remediation:**

**Question 48** See full question

The nurse is caring for a client who is 30 years of age with a fracture of the right femur and left tibia. Both legs have casts. The nurse assesses the following: respirations are 30 per minute and are rapid and shallow; presence of faint expiratory wheeze; and coughing produces thin pink sputum. The client is yelling at the nurse and wants to be released from the hospital; this is behavior unlike that previously reported. The last pain medication was administered 3 hours ago. The nurse should **first**:

**You Selected:**

- prescribe a chest x-ray.

**Correct response:**

- notify the health care provider (HCP).

**Explanation:**

**Question 49** See full question

The intended outcome of the use of treatment with skeletal traction for a client who has had a femoral fracture is:

**You Selected:**

- to align injured bones.

**Correct response:**

- to align injured bones.

**Explanation:**

**Remediation:**

**Question 50** See full question

The nurse is planning care with an older adult who is at risk for falling because of postural hypotension. Which intervention will be **most** effective in preventing falls in this client?

**You Selected:**

- Complete a fall diary.

**Correct response:**

- Instruct the client to sit, obtain balance, dangle legs, and rise slowly.

**Question 3** See full question

A client is taking methotrexate for severe rheumatoid arthritis. The nurse instructs the client that it will be necessary to monitor:

**You Selected:**

- sedimentation rate.

**Correct response:**

- complete blood count (CBC) with differential and platelet count.

**Question 7** See full question

A male client comes to the clinic with complaints of pain in his right great toe. The client reports that the pain is worse at night. Assessment reveals tophi. The nurse suspects the client has:

**You Selected:**

- gouty arthritis.

**Correct response:**

- gouty arthritis.

**Question 2** See full question

When planning a health promotion class with a group of women, the nurse should include which information about reducing the risk of developing osteoarthritis?

**You Selected:**

- Prevent obesity.

**Correct response:**

- Prevent obesity.

**Question 10** See full question

A client has a C7 spinal cord injury. Which would be the **most** important nursing intervention during the acute stage of the injury?

**You Selected:**

- Maintain proper alignment.

**Correct response:**

- Maintain a patent airway.

**Question 1** See full question

After teaching a client with osteoarthritis about the importance of regular exercise, which statement indicates the client has understood the teaching?

**You Selected:**

- "Performing range-of-motion exercises will increase my joint mobility."

**Correct response:**

- "Exercise helps to drive synovial fluid through the cartilage."

**Explanation:**

**Remediation:**

**Question 2** See full question

A client who had a total hip replacement 4 days ago is worried about dislocation of the prosthesis. The nurse should respond by saying:

**You Selected:**

- "Decreasing use of the abductor pillow will strengthen the muscles to prevent dislocation."

**Correct response:**

- "Activities that tend to cause adduction of the hip tend to cause dislocation, so try to avoid them."

**Explanation:**

**Remediation:**

**Question 3** See full question

A client returned from surgery with a debrided open tibial fracture and has a three-way drainage system. The client's vital signs are within normal limits. What should the nurse do **next**?

**You Selected:**

- Determine if the client has increased pain from exposed nerve endings.

**Correct response:**

- Review the results of culture and sensitivity testing of the wound.

**Explanation:**

**Remediation:**

**Question 4** See full question

The nurse is evaluating the outcome of therapy for a client with osteoarthritis. Which outcome indicates the goals of therapy have been met?

**You Selected:**

- joint range of motion improved

**Correct response:**

- joint range of motion improved

**Explanation:**

**Remediation:**

**Question 5** See full question

To prevent back injury, the nurse should instruct the client to:

**You Selected:**

- avoid prolonged sitting and standing.

**Correct response:**

- avoid prolonged sitting and standing.

**Explanation:**

**Remediation:**

**Question 6** See full question

On a visit to the family physician, a client is diagnosed with a bunion on the lateral side of the great toe, at the metatarsophalangeal joint. Which statement should the nurse include in the teaching session?

**You Selected:**

- "Some bunions are congenital; others are caused by wearing shoes that are too short or narrow."

**Correct response:**

- "Some bunions are congenital; others are caused by wearing shoes that are too short or narrow."

**Explanation:**

**Question 7** See full question

A client is on bed rest after sustaining injuries in a car accident. Which nursing action helps prevent complications of immobility?

**You Selected:**

- Turning the client every 2 hours and providing a low-air-loss mattress

**Correct response:**

- Turning the client every 2 hours and providing a low-air-loss mattress

**Explanation:**

**Remediation:**

**Question 8** See full question

A client has a C7 spinal cord injury. Which would be the **most** important nursing intervention during the acute stage of the injury?

**You Selected:**

- Maintain a patent airway.

**Correct response:**

- Maintain a patent airway.

**Explanation:**

**Remediation:**

**Question 9** See full question



The nurse is caring for an older adult male who had open reduction internal fixation (ORIF) of the right hip 24 hours ago. The client is now experiencing shortness of breath and reports having “tightness in my chest.” The nurse reviews the recent lab results. The nurse should report which lab results to the health care provider (HCP)?

**You Selected:**

- troponin: 1.4 mcg/L (1.4 µg/L)

**Correct response:**

- troponin: 1.4 mcg/L (1.4 µg/L)

**Explanation:**

**Remediation:**

**Question 10** See full question

A client is being discharged following an open reduction and internal fixation of the left ankle, and is to wear a non-weight-bearing cast for 2 weeks. What should the nurse teach the client to do when using crutches?

**You Selected:**

- Maintain two to three finger widths between the axillary fold and underarm piece grip.

**Correct response:**

- Maintain two to three finger widths between the axillary fold and underarm piece grip.

**Question 1** See full question

After total hip replacement, a client is receiving epidural analgesia to relieve pain. Which action is a nursing priority for this client?

**You Selected:**

- Assessing for sensation in the legs

**Correct response:**

- Assessing for sensation in the legs

**Explanation:**

**Remediation:**

**Question 2** See full question

The initial postoperative assessment is completed on a client who had an arthroscopy of the knee. Which information is **not** necessary to obtain every 15 minutes during the first postoperative hour?

**You Selected:**

- urine output

**Correct response:**

- urine output

**Explanation:**

**Remediation:**

**Question 3** See full question

A client undergoes an arthroscopy at the outpatient clinic. After the procedure, the nurse provides discharge teaching. Which response by the client indicates the need for further teaching?

**You Selected:**

- "I should use my heating pad this evening to reduce some of the pain in my knee."

**Correct response:**

- "I should use my heating pad this evening to reduce some of the pain in my knee."

**Explanation:**

**Remediation:**

**Question 4** See full question

A female client is at risk for developing osteoporosis. Which action will reduce the client's risk?

**You Selected:**

- Taking a 300-mg calcium supplement to meet dietary guidelines

**Correct response:**

- Initiating weight-bearing exercise routines

**Explanation:**

**Remediation:**

**Question 5** See full question

A client who has just been diagnosed with mixed muscular dystrophy asks the nurse about the usual course of this disease. How should the nurse respond?

**You Selected:**

- "The strength of your arms and pelvic muscles will decrease gradually, but this should cause only slight disability."

**Correct response:**

- "You may experience progressive deterioration in all voluntary muscles."

**Explanation:**

**Remediation:**

**Question 6** See full question

A client with osteoarthritis asks for information concerning activity and exercise. When assisting the client, which concept should be included?

**You Selected:**

- Exercising at least 1 hour after awakening allows the client to participate in exercise after some of the morning-related stiffness has subsided.

**Correct response:**

- Exercising at least 1 hour after awakening allows the client to participate in exercise after some of the morning-related stiffness has subsided.

**Explanation:**

**Remediation:**

**Question 7** See full question

A nurse is teaching a female client about preventing osteoporosis. Which teaching point is correct?

**You Selected:**

- The recommended daily allowance of calcium may be found in a wide variety of foods.

**Correct response:**

- The recommended daily allowance of calcium may be found in a wide variety of foods.

**Explanation:**

**Remediation:**

**Question 8** See full question

A client in the surgical intensive care unit has skeletal tongs in place to stabilize a cervical fracture. Protocol dictates that pin care should be performed each shift. When providing pin care for the client, which finding should the nurse report to the physician?

**You Selected:**

- A slight reddening of the skin surrounding the insertion site

**Correct response:**

- A small amount of yellow drainage at the left pin insertion site

**Explanation:**

**Remediation:**

**Question 9** See full question

A client is to have a below-the-knee amputation. Prior to surgery, the circulating nurse in the operating room should:

**You Selected:**

- initiate a time-out.

**Correct response:**

- initiate a time-out.

**Explanation:**

**Remediation:**

**Question 10** See full question

A client is diagnosed with gout. Which foods should the nurse instruct the client to avoid? Select all that apply.

**You Selected:**

- Liver
- Sardines
- Cod
- Whole milk

**Correct response:**

- Liver
- Cod
- Sardines

**Question 1** See full question

X-rays reveal a leg fracture in a client who was brought to the emergency department after falling on ice. After a cast is applied and allowed to dry, the nurse teaches the client how to use crutches. Which instruction should the nurse provide about climbing stairs?

**You Selected:**

- "Place the injured leg and the crutch on the unaffected side on the first step; the unaffected leg and crutch on the injured side follow."

**Correct response:**

- "Place the unaffected leg on the first step, followed by the crutches and the injured leg, which should move together."

**Explanation:**

**Remediation:**

**Question 2** See full question

A client reports having pain in the casted left arm that is unrelieved by pain medication. The nurse assesses the arm and notes that the fingers are swollen and difficult to separate. What should the nurse do **first**?

**You Selected:**

- Call the health care provider (HCP) to report swelling and pain.

**Correct response:**

- Call the health care provider (HCP) to report swelling and pain.

**Explanation:**

**Remediation:**

**Question 3** See full question

What would be the **most** important nursing intervention in caring for the client's residual limb during the first 24 hours after amputation of the left leg?

**You Selected:**

- Elevate the residual limb on a pillow.

**Correct response:**

- Elevate the residual limb on a pillow.

**Explanation:**

**Remediation:**

**Question 4** See full question

After a car accident, a client is admitted to an acute care facility with multiple traumatic injuries, including a fractured pelvis. For 24 to 48 hours after the accident, the nurse must monitor the client closely for which potential complication of a fractured pelvis?

**You Selected:**

- Fat embolism

**Correct response:**

- Fat embolism

**Explanation:**

**Remediation:**

**Question 5** See full question

A client undergoes hip-pinning surgery to treat an intertrochanteric fracture of the right hip. The nurse should include which intervention in the postoperative care plan?

**You Selected:**

- Performing passive range-of-motion (ROM) exercises on the client's legs once each shift

**Correct response:**

- Keeping a pillow between the client's legs at all times

**Explanation:**

**Remediation:**

**Question 6** See full question

Which nursing intervention is essential in caring for a client with compartment syndrome?

**You Selected:**

- Keeping the affected extremity below the level of the heart

**Correct response:**

- Removing all external sources of pressure, such as clothing and jewelry

**Explanation:**

**Question 7** See full question

In preparation for total knee surgery, a 200-lb (90.7 kg) client with osteoarthritis must lose weight. Which exercise should the nurse recommend as **best** if the client has no contraindications?

**You Selected:**

- aquatic exercise

**Correct response:**

- aquatic exercise

**Explanation:**

**Remediation:**

**Question 8** See full question

Two days after being placed in a cast for a fractured femur, the client suddenly has chest pain and dyspnea. The client is confused and has an elevated temperature. The nurse should assess the client for:

**You Selected:**

- fat embolism syndrome.

**Correct response:**

- fat embolism syndrome.

**Explanation:**

**Remediation:**

**Question 9** See full question

**You Selected:**

- 60, high risk

**Correct response:**

- 60, high risk

**Explanation:**

**Remediation:**

**Question 10** See full question

A client is discharged with the following prescription for severe back pain from a herniated intravertebral disc: hydrocodone 5 mg, acetaminophen 500 mg, one-half to one tablet by mouth each 8 to 12 hours as needed. The nurse should instruct the client to:

**You Selected:**

- start with one-half tablet and take one every 12 hours.

**Correct response:**

- start with one-half tablet and take one every 12 hours.

**Question 1** See full question

Which action may a nurse on the orthopedic unit safely delegate to a licensed practical nurse (LPN)?

**You Selected:**

- Obtaining vital signs during blood administration

**Correct response:**

- Obtaining vital signs during blood administration

**Explanation:**

**Question 2** See full question

The client in balanced suspension traction is transported to surgery for closed reduction and internal fixation of a fractured femur. What should the nurse do when transporting the client to the operating room?

**You Selected:**

- Transfer the client to a cart with manually suspended traction.

**Correct response:**

- Send the client on the bed with extra help to stabilize the traction.

**Explanation:**

**Remediation:**

**Question 3** See full question

To protect a client's skin under a back brace, the nurse should:

**You Selected:**

- have the client wear a thin cotton shirt under the back brace.

**Correct response:**

- have the client wear a thin cotton shirt under the back brace.

**Explanation:**

**Remediation:**

**Question 4** See full question

The nurse is evaluating a client in skin traction. Which observation indicates the traction is applied for maximum effectiveness?

**You Selected:**

- The client is positioned low in the bed.

**Correct response:**

- The ropes are in the wheel grooves of the pulleys.

**Explanation:**

**Remediation:**

**Question 5** See full question

The nurse is teaching a client with osteoporosis about taking alendronate sodium. The nurse emphasizes that the client is to take the medication:

**You Selected:**

- with a full glass of water and remain upright for 30 minutes.

**Correct response:**



- with a full glass of water and remain upright for 30 minutes.

**Explanation:**

**Remediation:**

**Question 6** See full question

A nurse is caring for a client who underwent a total hip replacement. What should the nurse and other caregivers do to prevent dislocation of the new prosthesis?

**You Selected:**

- Prevent internal rotation of the affected leg.

**Correct response:**

- Prevent internal rotation of the affected leg.

**Explanation:**

**Remediation:**

**Question 7** See full question

A nurse is teaching a client with a long leg cast how to use crutches properly while descending a staircase. The nurse should tell the client to transfer body weight to the unaffected leg, and then:

**You Selected:**

- advance the affected leg.

**Correct response:**

- advance both crutches.

**Explanation:**

**Remediation:**

**Question 8** See full question

The laboratory notifies the nurse that a client who had a total knee replacement 3 days ago and is receiving heparin has an activated partial thromboplastin time (aPTT) of 95 seconds. After verifying the values, the nurse calls the health care provider (HCP). The nurse should discuss with the HCP giving the client a prescription for:

**You Selected:**

- protamine sulfate

**Correct response:**

- protamine sulfate

**Explanation:**

**Remediation:**

**Question 9** See full question

A client is being admitted with a spinal cord transection at C7. Which assessments take priority upon the client's arrival? Select all that apply.

**You Selected:**

- blood pressure
- temperature
- respirations

**Correct response:**

- blood pressure
- temperature
- respirations

**Explanation:**

**Remediation:**

**Question 10** See full question

A client is brought to the emergency department with a painful swollen ankle. Which of the following is the nurse's most appropriate action?

**You Selected:**

- Elevate the ankle

**Correct response:**

- Elevate the ankle

**Question 1** See full question

When admitting a client with a fractured extremity, the nurse should **first** assess:

**You Selected:**

- the opposite extremity for baseline comparison.

**Correct response:**

- the area distal to the fracture.

**Explanation:**

**Remediation:**

**Question 2** See full question

The nurse administers a preoperative intramuscular medication at the ventrogluteal site. Into which muscle will the nurse inject the medication?

**You Selected:**

- gluteus maximus

**Correct response:**

- gluteus minimus

**Explanation:**

**Remediation:**

**Question 3** See full question

A client with end-stage dementia is admitted to the orthopedic unit after undergoing internal fixation of the right hip. How should the nurse manage the client's postoperative pain?

**You Selected:**

- Provide patient-controlled analgesia.

**Correct response:**

- Administer analgesics around the clock.

**Explanation:**

**Remediation:**

**Question 4** See full question

A client's left leg is in skeletal traction with a Thomas leg splint and Pearson attachment. Which intervention should the nurse include in this client's care plan?

**You Selected:**

- Teach the client how to prevent problems caused by immobility.

**Correct response:**

- Teach the client how to prevent problems caused by immobility.

**Explanation:**

**Remediation:**

**Question 5** See full question

A nurse is caring for a client placed in traction to treat a fractured femur. Which nursing intervention has the highest priority?

**You Selected:**

- Assessing the extremity for neurovascular integrity

**Correct response:**

- Assessing the extremity for neurovascular integrity

**Explanation:**

**Remediation:**

**Question 6** See full question

A nurse is caring for a client with lower back pain who is scheduled for myelography using metrizamide (a water-soluble contrast dye). After the test, the nurse should place the client in which position?

**You Selected:**

- Supine with the head lower than the trunk

**Correct response:**

- Head of the bed elevated 45 degrees

**Explanation:**

**Remediation:**

**Question 7** See full question

A client in the surgical intensive care unit has skeletal tongs in place to stabilize a cervical fracture. Protocol dictates that pin care should be performed each shift. When providing pin care for the client, which finding should the nurse report to the physician?

**You Selected:**

- A small amount of yellow drainage at the left pin insertion site

**Correct response:**

- A small amount of yellow drainage at the left pin insertion site

**Explanation:**

**Remediation:**

**Question 8** See full question

A nurse is caring for a client who's experiencing septic arthritis. This client has a history of immunosuppressive therapy and his immune system is currently depressed. Which assignment is the most appropriate for the nurse caring for this client?

**You Selected:**

- The nurse caring for this client is also caring for two other immunosuppressed clients on the medical intensive care unit.

**Correct response:**

- The nurse is caring for this client on the intensive care unit.

**Explanation:**

**Remediation:**

**Question 9** See full question

A client has the leg immobilized in a long leg cast. Which finding indicates the beginning of circulatory impairment?

**You Selected:**

- tingling of toes

**Correct response:**

- tingling of toes

**Explanation:**

**Remediation:**

**Question 10** See full question

The nurse is providing information to the parents of a child newly diagnosed with juvenile arthritis. Which statement(s) by the parents indicate understanding of the teaching? Select all that apply.

**You Selected:**

- "I give my child NSAIDs three times a day."
- "I help my child perform daily range-of-motion exercises."
- "I don't think my child should exercise to help the condition."

**Correct response:**

- "I help my child perform daily range-of-motion exercises."
- "I give my child NSAIDs three times a day."
- "I apply heat pads to the joints when my child is having pain."

**Question 1** See full question

Which is a priority nursing goal for a client with rheumatoid arthritis? The client will:

**You Selected:**

- learn to limit activity so as to avoid joint pain.

**Correct response:**

- demonstrate use of adaptive equipment.

**Explanation:**

**Remediation:**

**Question 2** See full question

Passive range-of-motion (ROM) exercises for the legs and assisted ROM exercises for the arms are part of the care regimen for a client with a spinal cord injury. Which observation by the nurse would indicate a successful outcome of this treatment?

**You Selected:**

- free, easy movement of the joints

**Correct response:**

- free, easy movement of the joints

**Explanation:**

**Remediation:**

**Question 3** See full question

A client undergoes hip-pinning surgery to treat an intertrochanteric fracture of the right hip. The nurse should include which intervention in the postoperative care plan?

**You Selected:**

- Keeping a pillow between the client's legs at all times

**Correct response:**

- Keeping a pillow between the client's legs at all times

**Explanation:**

**Remediation:**

**Question 4** See full question

Which findings best correlate with a diagnosis of osteoarthritis?

**You Selected:**

- Joint stiffness that decreases with activity

**Correct response:**

- Joint stiffness that decreases with activity

**Explanation:**

**Remediation:**

**Question 5** See full question

A client diagnosed with arthritis doesn't want to take medications. Physical therapy and occupational therapy have been consulted for nonpharmacologic measures to control pain. What might physical and occupational therapy include in the care plan to help control this client's pain?

**You Selected:**

- An exercise routine that includes range-of-motion (ROM) exercises

**Correct response:**

- An exercise routine that includes range-of-motion (ROM) exercises

**Explanation:**

**Remediation:**

**Question 6** See full question

Which statement by a staff nurse on the orthopedic floor indicates the need for further staff education?

**You Selected:**

- "The continuous passive motion device can decrease the development of adhesions."

**Correct response:**

- "The client is receiving physical therapy twice per day, so he doesn't need a continuous passive motion device."

**Explanation:**

**Remediation:**

**Question 7** See full question

A client has a C7 spinal cord injury. Which would be the **most** important nursing intervention during the acute stage of the injury?

**You Selected:**

- Maintain a patent airway.

**Correct response:**

- Maintain a patent airway.

**Explanation:**

**Remediation:**

**Question 8** See full question

What are important nursing priorities on the first postoperative day for a client who has had an open reduction and internal fixation (ORIF) after a right hip fracture?

**You Selected:**

- Assessing the neurovascular status in the right leg, providing pain control, encouraging position changes, and early ambulation

**Correct response:**

- Assessing the neurovascular status in the right leg, providing pain control, encouraging position changes, and early ambulation

**Explanation:**

**Remediation:**

**Question 9** See full question

The nurse enters the room to do an initial assessment on a client with a fracture of the femoral head. What would be the expected findings on the affected limb?

**You Selected:**

- Lengthening of the affected extremity with internal rotation

**Correct response:**

- Shortening of the affected extremity with external rotation

**Explanation:**

**Remediation:**

**Question 10** See full question

A client is admitted with a possible diagnosis of osteomyelitis. Based on the documentation below, which laboratory result is the priority for the nurse to report to the physician?

**You Selected:**

- Alkaline phosphatase

**Correct response:**

- Blood culture

**Question 1** See full question

The nurse is caring for a child with osteomyelitis who will be receiving high-dose intravenous antibiotic therapy for 3 to 4 weeks. What should the nurse plan to monitor?

**You Selected:**

- blood glucose level



**Correct response:**

- urine specific gravity

**Explanation:**

**Remediation:**

**Question 2** See full question

The nurse is assessing the home environment of an elderly client who is using crutches during the postoperative recovery phase after hip pinning. Which poses the **greatest** hazard to the client as a risk for falling at home?

**You Selected:**

- scatter rugs

**Correct response:**

- scatter rugs

**Explanation:**

**Remediation:**

**Question 3** See full question

Which statement by the client with rheumatoid arthritis would indicate the need for additional teaching to safely receive the maximum benefit of aspirin therapy?

**You Selected:**

- "I always take aspirin with food to protect my stomach."

**Correct response:**

- "I try to take aspirin only on days when the pain seems particularly bad."

**Explanation:**

**Remediation:**

**Question 4** See full question

What would be the **most** important nursing intervention in caring for the client's residual limb during the first 24 hours after amputation of the left leg?

**You Selected:**

- Elevate the residual limb on a pillow.

**Correct response:**

- Elevate the residual limb on a pillow.

**Explanation:**

**Remediation:**

**Question 5** See full question

A client is brought to the emergency department after injuring his right arm in a bicycle accident. The orthopedic surgeon tells the nurse that the client has a greenstick fracture of the arm. What does this mean?

**You Selected:**

- One side of the bone is broken and the other side is bent.

**Correct response:**

- One side of the bone is broken and the other side is bent.

**Explanation:**

**Remediation:**

**Question 6** See full question

A client with osteoarthritis tells the nurse she is concerned that the disease will prevent her from doing her chores. Which suggestion should the nurse offer?

**You Selected:**

- "Pace yourself and rest frequently, especially after activities."

**Correct response:**

- "Pace yourself and rest frequently, especially after activities."

**Explanation:**

**Remediation:**

**Question 7** See full question

A client seeks care for lower back pain of 2 weeks' duration. Which assessment finding suggests a herniated intervertebral disk?

**You Selected:**

- Pain radiating down the posterior thigh

**Correct response:**

- Pain radiating down the posterior thigh

**Explanation:**

**Remediation:**

**Question 8** See full question

A nurse suspects that a client with a recent fracture has compartment syndrome. Assessment findings may include:

**You Selected:**

- inability to perform active movement and pain with passive movement.

**Correct response:**

- inability to perform active movement and pain with passive movement.

**Explanation:**

**Remediation:**

**Question 9** See full question

To prevent external rotation of the client's hips while lying on the back, it would be **best** for the nurse to place:

**You Selected:**

- firm pillows under the length of the legs.

**Correct response:**

- trochanter rolls alongside the legs from ilium to midthigh.

**Explanation:**

**Remediation:**

**Question 10** See full question

A client with rheumatoid arthritis is taking high doses of nonsteroidal anti-inflammatory medications. The nurse should instruct the client to:

**You Selected:**

- take prescribed medication with food to lessen the likelihood of an upset stomach.

**Correct response:**

- take prescribed medication with food to lessen the likelihood of an upset stomach.

**Question 1** See full question

A client with acute osteomyelitis is to receive parenteral penicillin for 4 to 6 weeks. Before administering the first dose, the nurse asks the client about known drug allergies. An allergy to which antibiotic or antibiotic class necessitates cautious use of penicillin?

**You Selected:**

- Aminoglycosides

**Correct response:**

- Cephalosporins

**Explanation:**

**Remediation:**

**Question 2** See full question

A client who had a total hip replacement 2 days ago has developed an infection with a fever and profuse diaphoresis. The nurse establishes a goal to reduce the fluid deficit. Which outcome is the **most** appropriate?

**You Selected:**

- The client drinks 2000 mL of fluid per day.

**Correct response:**

- The client drinks 2000 mL of fluid per day.

**Explanation:**

**Remediation:**

**Question 3** See full question

A client is admitted to the hospital with a diagnosis of a right hip fracture. The client has right hip pain and cannot move the right leg. The nurse should further assess the right leg to determine if the leg is:

**You Selected:**

- shorter than the leg on the unaffected side.

**Correct response:**

- shorter than the leg on the unaffected side.

**Explanation:**

**Remediation:**

**Question 4** See full question

A client takes prednisone for an acute exacerbation of rheumatoid arthritis. The nurse determines the client understands how to take the prednisone when the client says:

**You Selected:**

- "It is best if I take this medication with some food."

**Correct response:**

- "It is best if I take this medication with some food."

**Explanation:**

**Remediation:**

**Question 5** See full question

A client who has just been diagnosed with mixed muscular dystrophy asks the nurse about the usual course of this disease. How should the nurse respond?

**You Selected:**

- "You may experience progressive deterioration in all voluntary muscles."

**Correct response:**

- "You may experience progressive deterioration in all voluntary muscles."

**Explanation:**

**Remediation:**

**Question 6** See full question

A nurse is assessing a client with possible osteoarthritis. The most significant risk factor for primary osteoarthritis is:

**You Selected:**

- obesity.

**Correct response:**

- age.

**Explanation:**

**Remediation:**

**Question 7** See full question

A client who has skeletal traction to stabilize a fractured femur has not had a bowel movement for 2 days. The nurse should:

**You Selected:**

- administer an oil retention enema.

**Correct response:**

- increase the client's fluid intake to 3,000 mL/day.

**Explanation:**

**Remediation:**

**Question 8** See full question

The nurse is providing information to the parents of a child newly diagnosed with juvenile arthritis. Which statement(s) by the parents indicate understanding of the teaching? Select all that apply.

**You Selected:**

- "I give my child NSAIDs three times a day."
- "I help my child perform daily range-of-motion exercises."
- "I apply heat pads to the joints when my child is having pain."

**Correct response:**

- "I help my child perform daily range-of-motion exercises."
- "I give my child NSAIDs three times a day."
- "I apply heat pads to the joints when my child is having pain."

**Explanation:**

**Remediation:**

**Question 9** See full question

A client is brought to the emergency department with a painful swollen ankle. Which of the following is the nurse's most appropriate action?

**You Selected:**

- Elevate the ankle

**Correct response:**

- Elevate the ankle

**Explanation:**

**Remediation:**

**Question 1** See full question

The initial postoperative assessment is completed on a client who had an arthroscopy of the knee. Which information is **not** necessary to obtain every 15 minutes during the first postoperative hour?

**You Selected:**

- neurovascular check distal to the operative site

**Correct response:**

- urine output

**Explanation:**

**Remediation:**

**Question 2** See full question

On the evening of surgery for total knee replacement, a client wants to get out of bed. To safely assist the client, the nurse should:

**You Selected:**

- prescribe a walker for the client.

**Correct response:**

- apply a knee immobilizer.

**Question 6** See full question

Which discharge instruction should a nurse give a client who's had surgery to repair a hip fracture?

**You Selected:**

- "Don't flex your hip more than 90 degrees, don't cross your legs, and have someone help you put your shoes on."

**Correct response:**

- "Don't flex your hip more than 90 degrees, don't cross your legs, and have someone help you put your shoes on."

**Question 7** See full question

A client who has skeletal traction to stabilize a fractured femur has not had a bowel movement for 2 days. The nurse should:

**You Selected:**

- increase the client's fluid intake to 3,000 mL/day.

**Correct response:**

- increase the client's fluid intake to 3,000 mL/day.

**Question 9** See full question

Unlicensed assistive personnel (UAP) are helping a client who has had knee surgery 2 days ago get into bed. As the nurse makes rounds, which information requires the nurse to intervene?

**You Selected:**

- The night light is dimmed, giving low-level lighting to the room.

**Correct response:**

- The side rails on the head and foot of the bed are in the up position.

**Explanation:**

**Remediation:**

**Question 10** See full question

The emergency room nurse is caring for a client who fell breaking the tibia. The nurse determines that a client understands the risk of compartment syndrome when knowing to report which early symptom following treatment?

**You Selected:**

- Paresthesia

**Correct response:**

- Paresthesia

**Question 4** See full question

A client is hospitalized for open reduction of a fractured femur. During the postoperative assessment, the nurse notes that the client is restless and she observes petechiae on the client's chest. Which nursing action is indicated first?

**You Selected:**

- Contact the physician.

**Correct response:**

- Administer oxygen.

**Question 8** See full question

A nurse is caring for a client with a spinal cord injury. The client is experiencing blurred vision and has a blood pressure of 204/102 mm Hg. What should the nurse do **first**?

**You Selected:**

- Position the client on the left side.

**Correct response:**

- Check the client's bladder for distention.

**Explanation:**

**Remediation:**

**Question 9** See full question

A client is 4 days postoperative from a tibia fracture and has a long leg cast. The nurse is conducting initial teaching for walking with crutches. What is the most important activity for the nurse to encourage the client to do prior to discharge from the hospital?

**You Selected:**

- Sit up straight in a chair to develop the back muscles, as this will help the client walk with crutches.



**Correct response:**

- Conduct exercises in bed to strengthen the upper extremities, as this will assist the client in crutch use.

**Question 1** See full question

The nurse teaches the client to perform isometric exercises to strengthen the leg muscles after arthroplasty. Isometric exercises are particularly effective for clients with rheumatoid arthritis because they:

**You Selected:**

- strengthen the muscles while keeping the joints stationary.

**Correct response:**

- strengthen the muscles while keeping the joints stationary.

**Question 3** See full question

After surgery to treat a hip fracture, a client returns from the postanesthesia care unit to the medical-surgical unit. Postoperatively, how should the nurse position the client?

**You Selected:**

- With the affected hip rotated externally

**Correct response:**

- With the leg on the affected side abducted

**Question 8** See full question

A client who has had an above-the-knee amputation develops a dime-sized bright red spot on the dressing after 45 minutes in the postanesthesia recovery unit. The nurse should **first**:

**You Selected:**

- elevate the stump.

**Correct response:**

- draw a mark around the site.

**Question 9** See full question

A client is scheduled for an open reduction internal fixation of the right hip. Place the following nursing interventions in chronological order to show the sequence in which the nurse would perform them. All options must be used.

**You Selected:**

- Make sure the client has signed an informed consent form.

- Complete a preoperative checklist.
- Encourage coughing, turning, and deep breathing.
- Monitor vital signs every 15 minutes X 4, every 30 minutes X 2, and every hour X 2.
- Complete a history and physical examination.
- Develop a home care teaching plan.

**Correct response:**

- Complete a history and physical examination.
- Make sure the client has signed an informed consent form.
- Complete a preoperative checklist.
- Monitor vital signs every 15 minutes X 4, every 30 minutes X 2, and every hour X 2.
- Encourage coughing, turning, and deep breathing.
- Develop a home care teaching plan.

**Question 7** See full question

The client with an open femoral fracture was discharged to home and reports having a fever, night sweats, chills, restlessness, and restrictive movement of the fractured leg. The nurse should interpret these findings as the client may be experiencing:

**You Selected:**

- a fat embolus.

**Correct response:**

- osteomyelitis.

**Explanation:**

**Remediation:**

**Question 8** See full question

A frail elderly client with a hip fracture is to use an alternating air pressure mattress at home to prevent pressure ulcers while recovering from surgery. The nurse is assisting the client's family to place the mattress (see image). What should the nurse instruct the family to do?

**You Selected:**

- Turn the mattress over so the air cells face the mattress of the bed, and cover the mattress with a bed sheet.

**Correct response:**

- Make the bed with the bed sheet on top of the pressure mattress.

**Question 5** See full question

A client is treated in the emergency department for acute muscle strain in the left leg caused by trying a new exercise. During discharge preparation, the nurse should provide which instruction?

**You Selected:**

- "Apply ice packs for the first 24 to 48 hours, then apply heat packs."

**Correct response:**

- "Apply ice packs for the first 24 to 48 hours, then apply heat packs."

**Explanation:**

**Remediation:**

**Question 6** See full question

A nurse is caring for a client with burns on his legs. Which nursing intervention will help to prevent contractures?

**You Selected:**

- Elevating the foot of the bed

**Correct response:**

- Applying knee splints

**Question 1** See full question

A client has had a total hip replacement. Which sign **most** likely indicates that the hip has dislocated?

**You Selected:**

- shortening of the affected leg

**Correct response:**

- shortening of the affected leg

**Explanation:**

**Remediation:**

**Question 2** See full question

The client returns from surgery for a below-the-knee amputation with the residual limb covered with dressings and a woven elastic bandage. At first, the bandage was dry. Now, 30 minutes later, the nurse notices a small amount of bloody drainage. The nurse should **first**:

**You Selected:**

- mark the area of drainage.

**Correct response:**

- mark the area of drainage.

**Explanation:**

**Remediation:**

**Question 3** See full question

A client diagnosed with arthritis doesn't want to take medications. Physical therapy and occupational therapy have been consulted for nonpharmacologic measures to control pain. What might physical and occupational therapy include in the care plan to help control this client's pain?

**You Selected:**

- An exercise routine that includes range-of-motion (ROM) exercises

**Correct response:**

- An exercise routine that includes range-of-motion (ROM) exercises

**Explanation:**

**Remediation:**

**Question 4** See full question

Which intervention would be **least** appropriate for a client who is in a double hip spica cast?

**You Selected:**

- advising the client to eat large amounts of cheese

**Correct response:**

- advising the client to eat large amounts of cheese

**Explanation:**

**Remediation:**

**Question 5** See full question

When using crutches, the nurse should instruct the client to bear weight **primarily** on the:

**You Selected:**

- upper arms.

**Correct response:**

- hands.

**Explanation:**

**Remediation:**

**Question 6** See full question

To promote early and efficient ambulation for a client after an above-the-knee amputation, the nurse is aware that the leg will need to be positioned in which way?

**You Selected:**

- Slightly raised when moving the stump

**Correct response:**

- In functional alignment

**Explanation:**

**Remediation:**

**Question 7** See full question

A nurse is assigned a client with an acute exacerbation of rheumatoid arthritis (RA). Which medical facts about RA are essential in developing a plan of care? Select all that apply.

**You Selected:**

- The first-line treatment is gold salts and methotrexate.
- Erythrocyte sedimentation rate (ESR) is elevated, and x-rays show erosions and decalcification of involved joints.
- The client may not exercise once the disease is diagnosed.
- Onset is acute and usually occurs between ages 20 and 40.

**Correct response:**

- The client experiences stiff, swollen joints bilaterally.
- Erythrocyte sedimentation rate (ESR) is elevated, and x-rays show erosions and decalcification of involved joints.
- Inflamed cartilage triggers complement activation, which stimulates the release of additional inflammatory mediators.

**Explanation:**

**Remediation:**

**Question 8** See full question

A nurse is caring for a client who fell and fractured the neck of femur. When documenting the site for the family members, indicate on the image the area where the fracture occurred.

**You Selected:**



Your selection and the correct area, marked by the green box.

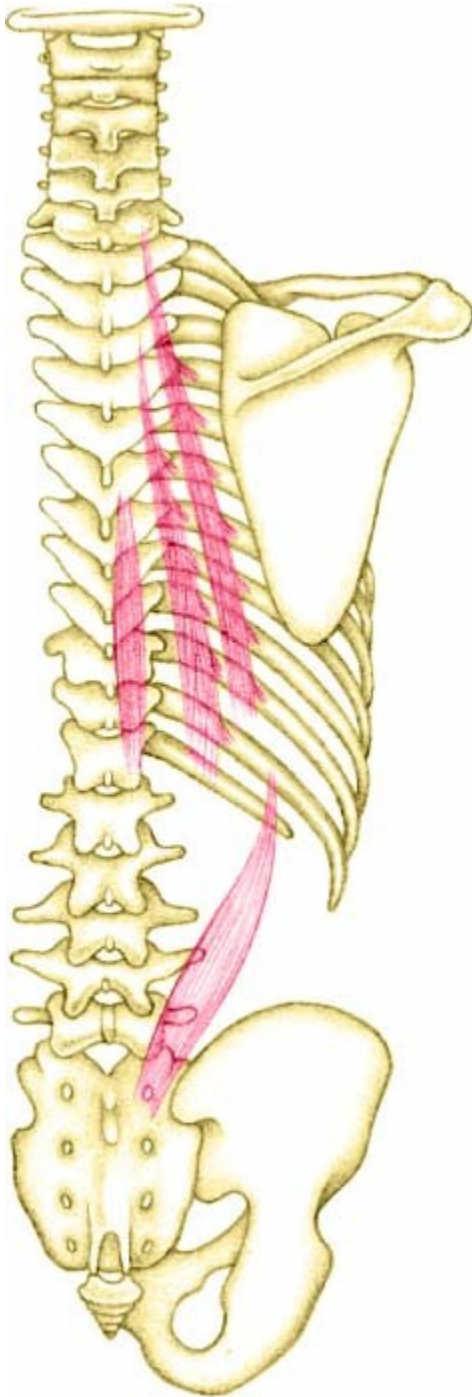
**Explanation:**

**Remediation:**

**Question 9** See full question

A nurse is admitting a client scheduled for a laminectomy of the L1 and L2 vertebrae. Indicate where the nurse assesses the surgical incision following completion of the procedure.

**You Selected:**



•  
Your selection and the correct area, marked by the green box.

**Explanation:**

**Remediation:**

**Question 10** [See full question](#)

The nurse is caring for a client on a second course of antibiotics to eliminate osteomyelitis. It is most essential for the nurse to instruct on which aspect of daily care?

**You Selected:**

- A diet high in protein and nutrients

**Correct response:**

- A diet high in protein and nutrients

**Question 1** [See full question](#)

A client has a total hip replacement. Which of the following client statements indicates a need for further teaching before discharge?

**You Selected:**

- "I can't wait to take a tub bath when I get home."

**Correct response:**

- "I can't wait to take a tub bath when I get home."

**Explanation:**

**Remediation:**

**Question 2** [See full question](#)

The nurse is planning care for a group of clients who have had total hip replacement. Of the clients listed below, which is at **highest** risk for infection and should be assessed first?

**You Selected:**

- a 74-year-old who has periodontal disease with periodontitis

**Correct response:**

- a 74-year-old who has periodontal disease with periodontitis

**Explanation:**



**Remediation:**

**Question 3** [See full question](#)

After a right total knee replacement, the client's right leg is placed in a continuous passive motion (CPM) machine. Nursing responsibilities when caring for a client with this apparatus should include:

**You Selected:**

- maintaining proper positioning of the leg on the CPM machine.

**Correct response:**

- maintaining proper positioning of the leg on the CPM machine.

**Explanation:**

**Remediation:**

**Question 4** [See full question](#)

What would be the **most** important nursing intervention in caring for the client's residual limb during the first 24 hours after amputation of the left leg?

**You Selected:**

- Elevate the residual limb on a pillow.

**Correct response:**

- Elevate the residual limb on a pillow.

**Explanation:**

**Remediation:**

**Question 5** [See full question](#)

A nurse is teaching a client who was recently diagnosed with carpal tunnel syndrome. Which statement should the nurse include?

**You Selected:**

- "Ergonomic changes can be incorporated into your workday to reduce stress on your wrist."

**Correct response:**

- "Ergonomic changes can be incorporated into your workday to reduce stress on your wrist."

**Explanation:**

**Remediation:**

**Question 6** [See full question](#)

A client has a herniated disk in the region of the third and fourth lumbar vertebrae. Which nursing assessment finding most supports this diagnosis?

**You Selected:**

- Severe lower back pain

**Correct response:**

- Severe lower back pain

**Explanation:**

**Remediation:**

**Question 7** [See full question](#)

A nurse is caring for an elderly female client with osteoporosis. When teaching the client, the nurse should include information about which major complication?

**You Selected:**

- Bone fracture

**Correct response:**

- Bone fracture

**Explanation:**

**Remediation:**

**Question 8** [See full question](#)

A client has a history of osteoarthritis. Which signs and symptoms should the nurse expect to find on physical assessment?

**You Selected:**

- Swelling, joint pain, and tenderness on palpation

**Correct response:**

- Joint pain, crepitus, Heberden's nodes

**Explanation:**

**Remediation:**

### **Question 9** [See full question](#)

After surgery and insertion of a total hip prosthesis, a client develops severe sudden pain and an inability to move the extremity. The nurse interprets these findings as indicating:

**You Selected:**

- joint dislocation.

**Correct response:**

- joint dislocation.

**Explanation:**

**Remediation:**

### **Question 10** [See full question](#)

A client has been diagnosed with osteoporosis after a bone density test and is asking what has caused it. Discussion of risk factors would include which of the following?

**You Selected:**

- Heavy smoking, sedentary lifestyle, and high intake of carbonated drinks

**Correct response:**

- Heavy smoking, sedentary lifestyle, and high intake of carbonated drinks

**Question 1** [See full question](#)

Nonsteroidal anti-inflammatory drugs (NSAIDs) are commonly used in the treatment of musculoskeletal conditions. It is important for the nurse to remind the client to:

**You Selected:**

- take NSAIDs with food.

**Correct response:**

- take NSAIDs with food.

**Explanation:**

**Remediation:**

**Question 2** [See full question](#)

Four hours after a cast has been applied for a fractured ulna, the nurse assesses that the client's fingers are pale and cool and capillary refill is delayed for 4 seconds. How should the nurse interpret these findings?

**You Selected:**

- Arterial blood supply to the fingers is decreased.

**Correct response:**

- Arterial blood supply to the fingers is decreased.

**Explanation:**

**Remediation:**

**Question 3** [See full question](#)

To protect a client's skin under a back brace, the nurse should:

**You Selected:**

- have the client wear a thin cotton shirt under the back brace.

**Correct response:**

- have the client wear a thin cotton shirt under the back brace.

**Explanation:**

**Remediation:**

#### **Question 4** [See full question](#)

The nurse is teaching a client with osteoporosis about taking alendronate sodium. The nurse emphasizes that the client is to take the medication:

**You Selected:**

- with a full glass of water and remain upright for 30 minutes.

**Correct response:**

- with a full glass of water and remain upright for 30 minutes.

**Explanation:**

**Remediation:**

#### **Question 5** [See full question](#)

The nurse is instructing the unlicensed assistive personnel (UAP) about how to prevent plantar flexion (footdrop) for a client on complete bed rest. The UAP should:

**You Selected:**

- encourage active range of motion to unaffected extremities.

**Correct response:**

- encourage active range of motion to unaffected extremities.

**Explanation:**

**Remediation:**

#### **Question 6** [See full question](#)

A client undergoes an arthroscopy at the outpatient clinic. After the procedure, the nurse provides discharge teaching. Which response by the client indicates the need for further teaching?

**You Selected:**

- "I should use my heating pad this evening to reduce some of the pain in my knee."

**Correct response:**

- "I should use my heating pad this evening to reduce some of the pain in my knee."

**Explanation:**

**Remediation:**

### **Question 7** [See full question](#)

A client is scheduled for a laminectomy to repair a herniated intervertebral disk. When developing the postoperative care plan, the nurse should include which action?

**You Selected:**

- Turning the client from side to side, using the logroll technique

**Correct response:**

- Turning the client from side to side, using the logroll technique

**Explanation:**

**Remediation:**

### **Question 8** [See full question](#)

After a person experiences a closure of the epiphyses, which statement is true?

**You Selected:**

- No further increase in bone length occurs.

**Correct response:**

- No further increase in bone length occurs.

**Explanation:**

### Question 9 [See full question](#)

A nurse is assessing a client with possible osteoarthritis. The most significant risk factor for primary osteoarthritis is:

**You Selected:**

- age.

**Correct response:**

- age.

**Explanation:**

**Remediation:**

### Question 10 [See full question](#)

A client is preparing for discharge from the emergency department after sustaining an ankle sprain. The client is instructed to avoid weight bearing on the affected leg and is given crutches. After instruction, the client demonstrates proper crutch use in the hallway. What additional information is most important to know before discharging the client?

**You Selected:**

- Whether the client needs to navigate stairs routinely at home

**Correct response:**

- Whether the client needs to navigate stairs routinely at home

### Question 1 [See full question](#)

When admitting a client with a fractured extremity, the nurse should **first** assess:

**You Selected:**

- the area distal to the fracture.

**Correct response:**

- the area distal to the fracture.

**Explanation:**

**Remediation:**

**Question 2** [See full question](#)

The client in balanced suspension traction is transported to surgery for closed reduction and internal fixation of a fractured femur. What should the nurse do when transporting the client to the operating room?

**You Selected:**

- Send the client on the bed with extra help to stabilize the traction.

**Correct response:**

- Send the client on the bed with extra help to stabilize the traction.

**Explanation:**

**Remediation:**

**Question 3** [See full question](#)

The nurse is planning an educational program about the prevention of osteoporosis for a group of women. Which preventive measures would be appropriate for the nurse to include in the teaching plan?

**You Selected:**

- encouraging weight-bearing exercise on a regular basis

**Correct response:**

- encouraging weight-bearing exercise on a regular basis

**Explanation:**

**Remediation:**

**Question 4** [See full question](#)

Which nursing goal should take priority when planning for the client's physical mobility immediately after amputation?

**You Selected:**



- promote comfort

**Correct response:**

- prevent contractures

**Explanation:**

**Remediation:**

**Question 5** [See full question](#)

Elderly clients who fall are most at risk for which injuries?

**You Selected:**

- Pelvic fractures

**Correct response:**

- Pelvic fractures

**Explanation:**

**Remediation:**

**Question 6** [See full question](#)

A nurse is teaching a client with a long leg cast how to use crutches properly while descending a staircase. The nurse should tell the client to transfer body weight to the unaffected leg, and then:

**You Selected:**

- advance both crutches.

**Correct response:**

- advance both crutches.

**Explanation:**

**Remediation:**

**Question 7** [See full question](#)

A client was undergoing conservative treatment for a herniated nucleus pulposus, at L5 – S1, which was diagnosed by magnetic resonance imaging. Because of increasing neurological symptoms, the client undergoes lumbar laminectomy. The nurse should take which step during the immediate postoperative period?

**You Selected:**

- Logroll the client from side to side.

**Correct response:**

- Logroll the client from side to side.

**Explanation:**

**Remediation:**

### **Question 8** [See full question](#)

The client with an above-the-knee amputation is to be fitted with a functioning prosthesis. The nurse has been teaching the client how to care for the residual limb. Which behavior would demonstrate that the client has an understanding of proper residual limb care? The client:

**You Selected:**

- washes and dries the residual limb daily.

**Correct response:**

- washes and dries the residual limb daily.

**Explanation:**

**Remediation:**

### **Question 9** [See full question](#)

A client has a C7 spinal cord injury. Which would be the **most** important nursing intervention during the acute stage of the injury?

**You Selected:**

- Maintain a patent airway.

**Correct response:**

- Maintain a patent airway.

**Explanation:**

**Remediation:**

**Question 10** [See full question](#)

A client is to have a below-the-knee amputation. Prior to surgery, the circulating nurse in the operating room should:

**You Selected:**

- initiate a time-out.

**Correct response:**

- initiate a time-out.

**Question 1** [See full question](#)

A nurse is administering colchicine to a client who is experiencing an exacerbation of gouty arthritis. The nurse should monitor for which associated adverse reaction?

**You Selected:**

- Rash

**Correct response:**

- Diarrhea

**Explanation:**

**Remediation:**

**Question 2** [See full question](#)

A client is admitted with acute osteomyelitis that developed after an open fracture of the right femur. When planning this client's care, the nurse should anticipate which measure?

**You Selected:**

- Administering large doses of I.V. antibiotics as ordered

**Correct response:**

- Administering large doses of I.V. antibiotics as ordered

**Explanation:**

**Remediation:**

**Question 3** [See full question](#)

Which findings best correlate with a diagnosis of osteoarthritis?

**You Selected:**

- Joint stiffness that decreases with activity

**Correct response:**

- Joint stiffness that decreases with activity

**Explanation:**

**Remediation:**

**Question 4** [See full question](#)

A client with arterial insufficiency undergoes below-knee amputation of the right leg. Which action should the nurse include in the postoperative care plan?

**You Selected:**

- Elevating the stump for the first 24 hours

**Correct response:**

- Elevating the stump for the first 24 hours

**Explanation:**

**Remediation:**

**Question 5** [See full question](#)

A nurse is caring for a client placed in traction to treat a fractured femur. Which nursing intervention has the highest priority?

**You Selected:**

- Assessing the extremity for neurovascular integrity

**Correct response:**

- Assessing the extremity for neurovascular integrity

**Explanation:**

**Remediation:**

### **Question 6** [See full question](#)

The nurse is caring for an older adult male who had open reduction internal fixation (ORIF) of the right hip 24 hours ago. The client is now experiencing shortness of breath and reports having “tightness in my chest.” The nurse reviews the recent lab results. The nurse should report which lab results to the health care provider (HCP)?

**You Selected:**

- troponin: 1.4 mcg/L (1.4 µg/L)

**Correct response:**

- troponin: 1.4 mcg/L (1.4 µg/L)

**Explanation:**

**Remediation:**

### **Question 7** [See full question](#)

What are important nursing priorities on the first postoperative day for a client who has had an open reduction and internal fixation (ORIF) after a right hip fracture?

**You Selected:**

- Assessing the neurovascular status in the right leg, providing pain control, encouraging position changes, and early ambulation

**Correct response:**

- Assessing the neurovascular status in the right leg, providing pain control, encouraging position changes, and early ambulation

**Explanation:**

**Remediation:**

**Question 8** [See full question](#)

The nurse is caring for a client admitted for pneumonia with a history of hypertension and heart failure. The client has reported at least one fall in the last 3 months. The client may ambulate with assistance, has a saline lock in place, and has demonstrated appropriate use of the call light to request assistance. Using the Morse Fall Scale (see chart), what is this client's total score and risk level?

**You Selected:**

- 60, high risk

**Correct response:**

- 60, high risk

**Explanation:**

**Remediation:**

**Question 9** [See full question](#)

A nurse is caring for a client who had hip pinning surgery 6 hours ago to treat intertrochanteric fracture of the right hip. What assessment finding requires further investigation by the nurse?

**You Selected:**

- Client is anxious and confused

**Correct response:**

- Client is anxious and confused

**Explanation:**

**Remediation:**

**Question 10** [See full question](#)

The nurse is caring for an adult with a grade III compound fracture of the right femur; the client has been placed in skeletal traction. The intended outcome of the traction is to:

**You Selected:**

- reduce and immobilize the fracture.

**Correct response:**

- reduce and immobilize the fracture.

### **Question 1** [See full question](#)

A nurse is teaching a client who was recently diagnosed with carpal tunnel syndrome. Which statement should the nurse include?

**You Selected:**

- "Ergonomic changes can be incorporated into your workday to reduce stress on your wrist."

**Correct response:**

- "Ergonomic changes can be incorporated into your workday to reduce stress on your wrist."

**Explanation:**

**Remediation:**

### **Question 2** [See full question](#)

A client seeks care for lower back pain of 2 weeks' duration. Which assessment finding suggests a herniated intervertebral disk?

**You Selected:**

- Pain radiating down the posterior thigh

**Correct response:**

- Pain radiating down the posterior thigh

**Explanation:**

**Remediation:**

**Question 3** [See full question](#)

A nurse is teaching a female client about preventing osteoporosis. Which teaching point is correct?

**You Selected:**

- The recommended daily allowance of calcium may be found in a wide variety of foods.

**Correct response:**

- The recommended daily allowance of calcium may be found in a wide variety of foods.

**Explanation:**

**Remediation:**

**Question 4** [See full question](#)

A client diagnosed with arthritis doesn't want to take medications. Physical therapy and occupational therapy have been consulted for nonpharmacologic measures to control pain. What might physical and occupational therapy include in the care plan to help control this client's pain?

**You Selected:**

- An exercise routine that includes range-of-motion (ROM) exercises

**Correct response:**

- An exercise routine that includes range-of-motion (ROM) exercises

**Explanation:**

**Remediation:**

**Question 5** [See full question](#)

A client in the surgical intensive care unit has skeletal tongs in place to stabilize a cervical fracture. Protocol dictates that pin care should be performed each shift.



When providing pin care for the client, which finding should the nurse report to the physician?

**You Selected:**

- A small amount of yellow drainage at the left pin insertion site

**Correct response:**

- A small amount of yellow drainage at the left pin insertion site

**Explanation:**

**Remediation:**

### **Question 6** [See full question](#)

A client who has skeletal traction to stabilize a fractured femur has not had a bowel movement for 2 days. The nurse should:

**You Selected:**

- increase the client's fluid intake to 3,000 mL/day.

**Correct response:**

- increase the client's fluid intake to 3,000 mL/day.

**Explanation:**

**Remediation:**

### **Question 7** [See full question](#)

A client who was involved in a motor vehicle accident has a fractured femur. The nurse caring for the client documents "acute pain" as a nursing diagnosis in the care plan. Which nursing interventions are appropriate? Select all that apply.

**You Selected:**

- Ask the client about the methods used previously to alleviate pain.
- Assess the client's perception of pain.
- Tell the client which pain management option to use.

**Correct response:**

- Assess the client's perception of pain.
- Ask the client about the methods used previously to alleviate pain.

**Explanation:**

**Remediation:**

**Question 8** [See full question](#)

A client is experiencing an acute exacerbation of rheumatoid arthritis. What should the nursing priority be?

**You Selected:**

- Administering ordered analgesics and monitoring their effects

**Correct response:**

- Administering ordered analgesics and monitoring their effects

**Explanation:**

**Question 9** [See full question](#)

The nurse enters the room to do an initial assessment on a client with a fracture of the femoral head. What would be the expected findings on the affected limb?

**You Selected:**

- Shortening of the affected extremity with external rotation

**Correct response:**

- Shortening of the affected extremity with external rotation

**Explanation:**

**Remediation:**

**Question 10** [See full question](#)

A client is brought to the emergency department with a painful swollen ankle. Which of the following is the nurse's most appropriate action?

**You Selected:**

- Elevate the ankle

**Correct response:**

- Elevate the ankle

### **Question 1** See full question

After total hip replacement, a client is receiving epidural analgesia to relieve pain. Which action is a nursing priority for this client?

**You Selected:**

- Assessing for sensation in the legs

**Correct response:**

- Assessing for sensation in the legs

**Explanation:**

**Remediation:**

### **Question 2** See full question

When teaching a client with an extracapsular hip fracture scheduled for surgical internal fixation with the insertion of a pin, the nurse bases the teaching on the understanding that this surgical repair is the treatment of choice because:

**You Selected:**

- the client is able to be mobilized sooner.

**Correct response:**

- the client is able to be mobilized sooner.

**Explanation:**

### **Question 3** See full question

A client is diagnosed with osteoporosis. Which statements would the nurse include when teaching the client about the disease?

Select all that apply.

**You Selected:**

- Osteoporosis is a degenerative disease characterized by a decrease in bone density.
- Osteoporosis can cause pain and injury.
- Osteoporosis is common in females after menopause.

**Correct response:**

- Osteoporosis is common in females after menopause.
- Osteoporosis is a degenerative disease characterized by a decrease in bone density.
- Osteoporosis can cause pain and injury.

**Explanation:**

**Remediation:**

#### **Question 4** See full question

The nurse teaches the client to perform isometric exercises to strengthen the leg muscles after arthroplasty. Isometric exercises are particularly effective for clients with rheumatoid arthritis because they:

**You Selected:**

- strengthen the muscles while keeping the joints stationary.

**Correct response:**

- strengthen the muscles while keeping the joints stationary.

**Explanation:**

**Remediation:**

#### **Question 5** See full question

A client is admitted to the hospital with a diagnosis of a right hip fracture. The client has right hip pain and cannot move the right leg. The nurse should further assess the right leg to determine if the leg is:

**You Selected:**

- shorter than the leg on the unaffected side.

**Correct response:**

- shorter than the leg on the unaffected side.

**Explanation:**

**Remediation:**

**Question 6** See full question

A client with end-stage dementia is admitted to the orthopedic unit after undergoing internal fixation of the right hip. How should the nurse manage the client's postoperative pain?

**You Selected:**

- Administer analgesics around the clock.

**Correct response:**

- Administer analgesics around the clock.

**Explanation:**

**Remediation:**

**Question 7** See full question

To reduce the incidence of complications in a client in traction, which intervention should be included in the care plan?

**You Selected:**

- Remove the weights during linen changes.

**Correct response:**

- Increase fiber intake.

**Explanation:**

**Remediation:**

**Question 8** See full question

Which intervention would be **least** appropriate for a client who is in a double hip spica cast?

**You Selected:**

- advising the client to eat large amounts of cheese

**Correct response:**

- advising the client to eat large amounts of cheese

**Explanation:**

**Question 9** See full question

A client with a fractured leg has been instructed to ambulate without weight bearing on the affected leg. The nurse evaluates that the client is ambulating correctly if the client uses which crutch-walking gait?

**You Selected:**

- four-point gait

**Correct response:**

- three-point gait

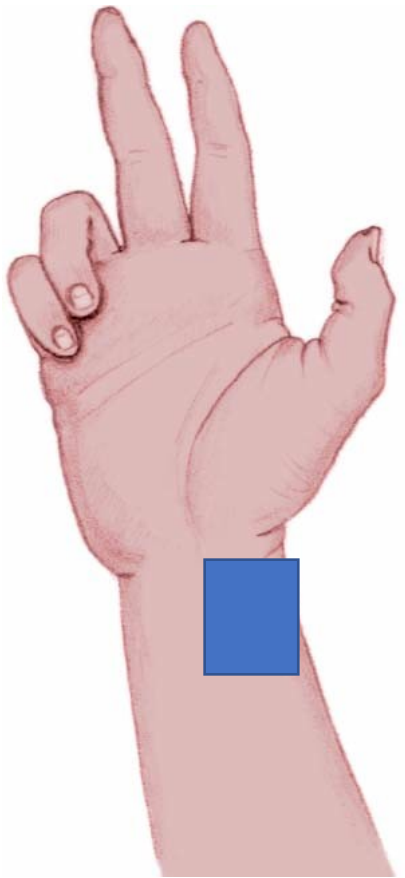
**Explanation:**

**Remediation:**

### **Question 10** See full question

A client is suspected of having carpal tunnel syndrome. The nurse assesses for Tinel's sign. Identify the area where the nurse would percuss in an attempt to elicit Tinel's sign.

**You Selected:**



• Your selection and the correct area, marked by the green box.

**Question 1** [See full question](#)

The nurse is preparing a client who has had a knee replacement with a metal joint to go home. What should the nurse instruct the client to do? Select all that apply.

**You Selected:**

- Inform health care providers (HCP) prior to having magnetic resonance imaging (MRI) scans.
- Refrain from carrying items weighing more than 5 pounds (2.3 kg).
- Notify health care providers (HCP) about the joint prior to invasive procedures.

**Correct response:**

- Notify health care providers (HCP) about the joint prior to invasive procedures.

- Inform health care providers (HCP) prior to having magnetic resonance imaging (MRI) scans.
- Notify airport security that the joint may set off alarms on metal detectors.

**Explanation:**

**Remediation:**

## **Question 2** [See full question](#)

The nurse assigns an unlicensed assistive personnel (UAP) to care for a client who has a newly applied long-leg plaster cast. What should the nurse tell the UAP about proper care of the cast while it is drying?

**You Selected:**

- "Carefully use your fingers to lift the cast and reposition the legs."

**Correct response:**

- "Turn the client every 2 hours to promote even drying of the cast."

**Explanation:**

**Remediation:**

## **Question 3** [See full question](#)

After surgery to treat a hip fracture, a client returns from the postanesthesia care unit to the medical-surgical unit. Postoperatively, how should the nurse position the client?

**You Selected:**

- With the leg on the affected side abducted

**Correct response:**

- With the leg on the affected side abducted

**Explanation:**

**Remediation:**



**Question 4** [See full question](#)

A client's left leg is in skeletal traction with a Thomas leg splint and Pearson attachment. Which intervention should the nurse include in this client's care plan?

**You Selected:**

- Teach the client how to prevent problems caused by immobility.

**Correct response:**

- Teach the client how to prevent problems caused by immobility.

**Explanation:**

**Remediation:**

**Question 5** [See full question](#)

A nurse is caring for a client with lower back pain who is scheduled for myelography using metrizamide (a water-soluble contrast dye). After the test, the nurse should place the client in which position?

**You Selected:**

- Head of the bed elevated 45 degrees

**Correct response:**

- Head of the bed elevated 45 degrees

**Explanation:**

**Remediation:**

**Question 6** [See full question](#)

A nurse suspects that a client with a recent fracture has compartment syndrome. Assessment findings may include:

**You Selected:**

- inability to perform active movement and pain with passive movement.

**Correct response:**

- inability to perform active movement and pain with passive movement.

**Explanation:**

**Remediation:**

**Question 7** [See full question](#)

A client has the leg immobilized in a long leg cast. Which finding indicates the beginning of circulatory impairment?

**You Selected:**

- tingling of toes

**Correct response:**

- tingling of toes

**Explanation:**

**Remediation:**

**Question 8** [See full question](#)

A nurse is assessing a client for neurologic impairment after a total hip replacement. Which finding would indicate impairment in the affected extremity?

**You Selected:**

- decreased distal pulse

**Correct response:**

- inability to move

**Explanation:**

**Remediation:**

**Question 9** [See full question](#)

The laboratory notifies the nurse that a client who had a total knee replacement 3 days ago and is receiving heparin has an activated partial thromboplastin time (aPTT) of 95 seconds. After verifying the values, the nurse calls the health care

provider (HCP). The nurse should discuss with the HCP giving the client a prescription for:

**You Selected:**

- protamine sulfate

**Correct response:**

- protamine sulfate

**Explanation:**

**Remediation:**

**Question 10** [See full question](#)

A client is diagnosed with gout. Which foods should the nurse instruct the client to eat? Select all that apply.

**You Selected:**

- Strawberries
- Eggs
- Green, leafy vegetables

**Correct response:**

- Green, leafy vegetables
- Strawberries
- Eggs

**Question 1** [See full question](#)

A child is to receive IV antibiotics for osteomyelitis. Before the initial dose of antibiotics can be given, the nurse confirms that a blood sample for which test has been drawn?

**You Selected:**

- culture

**Correct response:**

- culture

**Explanation:**

**Remediation:**

**Question 2** [See full question](#)

A client who has had a total hip replacement has a dislocated hip prosthesis. The nurse should **first**:

**You Selected:**

- notify the orthopedic surgeon.

**Correct response:**

- notify the orthopedic surgeon.

**Explanation:**

**Remediation:**

**Question 3** [See full question](#)

On the evening of surgery for total knee replacement, a client wants to get out of bed. To safely assist the client, the nurse should:

**You Selected:**

- apply a knee immobilizer.

**Correct response:**

- apply a knee immobilizer.

**Explanation:**

**Remediation:**

**Question 4** [See full question](#)

The nurse is planning care for a client with osteomyelitis. The client is taking an antibiotic, but the infection has not resolved. The nurse should advise the client to:

**You Selected:**

- eat a diet high in protein and vitamins C and D.

**Correct response:**

- eat a diet high in protein and vitamins C and D.

**Explanation:**

**Remediation:**

### **Question 5** [See full question](#)

A client is brought to the emergency department after injuring his right arm in a bicycle accident. The orthopedic surgeon tells the nurse that the client has a greenstick fracture of the arm. What does this mean?

**You Selected:**

- One side of the bone is broken and the other side is bent.

**Correct response:**

- One side of the bone is broken and the other side is bent.

**Explanation:**

**Remediation:**

### **Question 6** [See full question](#)

Which cells are involved in bone resorption?

**You Selected:**

- Osteoclasts

**Correct response:**

- Osteoclasts

**Explanation:**

**Remediation:**

**Question 7** [See full question](#)

A client is diagnosed with gout. Which foods should the nurse instruct the client to avoid? Select all that apply.

**You Selected:**

- Cod
- Liver
- Sardines

**Correct response:**

- Liver
- Cod
- Sardines

**Explanation:**

**Remediation:**

**Question 8** [See full question](#)

To promote early and efficient ambulation for a client after an above-the-knee amputation, the nurse is aware that the leg will need to be positioned in which way?

**You Selected:**

- In functional alignment

**Correct response:**

- In functional alignment

**Explanation:**

**Remediation:**

**Question 9** [See full question](#)

The nurse advises the client who has had a femoral head prosthesis placement on the type of chair to sit in during the first 6 to 8 weeks after surgery. Which chair would be the correct type to recommend?

**You Selected:**

- a high-backed chair with armrests

**Correct response:**

- a high-backed chair with armrests

**Explanation:**

**Remediation:**

**Question 10** [See full question](#)

The nurse is caring for a client on a second course of antibiotics to eliminate osteomyelitis. It is most essential for the nurse to instruct on which aspect of daily care?

**You Selected:**

- A diet high in protein and nutrients

**Correct response:**

- A diet high in protein and nutrients