

# Basic Musculoskeletal Questionnaire

1-What common problem must all newborns be examined for?

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2. What is a compartment syndrome?

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3. Acute septic arthritis of the knee may be differentiated from inflammatory arthritis by which laboratory test?

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4. A patient dislocates his knee in a car accident. What structure(s) is/are at risk for injury and therefore must be evaluated?

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5. A medical student punches an obnoxious colleague in the face and sustains a fracture of the 5<sup>th</sup> metacarpal and a 3-mm break in the skin over the fracture. What is the correct treatment, and why?

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6. A retired construction worker comes to the office complaining of low-back pain that wakes him up from sleep. What two diagnoses are you concerned about?

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7. How is compartment syndrome treated?

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8. A skateboarder lands on his hand and is tender to palpation in the "snuff box" (the space between the thumb extensor and abductor tendons). Initial radiographs do not show a fracture. What diagnosis must be considered?

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9. A 25-year-old motorcyclist is involved in an accident. His left limb is in a position of flexion at the knee and hip, with internal rotation and adduction of the hip. What is the most likely diagnosis?

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10. What nerve is compressed in carpal tunnel syndrome?

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11. A patient has a disc herniation pressing on the 5th lumbar nerve root. How is motor function of the 5th lumbar nerve root tested?

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12. How is motor function of the median nerve tested in the hand?

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13. A 12-year-old boy severely twists his ankle. Radiographs show only soft-tissue swelling. He is tender at the distal aspect of the fibula. What are 2 possible diagnoses?

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14. A patient presents with new-onset lowback pain. Under what conditions are plain radiographs indicated? Please name 5 conditions (example: history of trauma).

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15. A patient has a displaced fracture near the fibular neck. What structure is at risk for injury?

16. A 20-year-old injured his knee while playing football. You see him on the same day, and he has a knee effusion. An aspiration shows frank blood. What are the three most common diagnoses?

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17. What are the five most common sources of cancer metastatic to bone?

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18. Name two differences between rheumatoid arthritis and osteoarthritis.

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19. Which malignancy may be present in bone yet typically is not detected with a bone scan?

20. What is the function of the normal anterior cruciate ligament at the knee?

21. What is the difference between osteoporosis and osteomalacia?

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22. In elderly patients, displaced fractures of the femoral neck are typically treated with joint replacement, whereas fractures near the trochanter are treated with plates and screws. Why?

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23. What muscle(s) is/are involved in lateral epicondylitis (tennis elbow)?

24. Rupture of the biceps at the elbow results in weakness of both elbow flexion and ..?

25. What muscle(s) control(s) external rotation of the humerus with the arm at the side?

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