

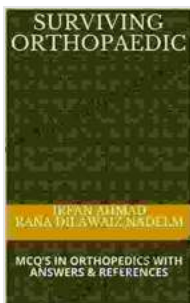
MCQs in Orthopedics with Answers and References for Comprehensive Exam Preparation

Orthopedics, the branch of medicine dedicated to diagnosing, treating, and preventing disorders of the musculoskeletal system, requires a deep understanding of various conditions and their management. Multiple-choice questions (MCQs) play a significant role in assessing knowledge and preparing for board exams and certification processes in orthopedics. This article presents comprehensive MCQs in orthopedics, each accompanied by detailed answers and references for further study. By engaging with these MCQs, orthopedists and orthopedic residents can effectively evaluate their knowledge and identify areas for improvement.

Section 1: General Orthopedics

MCQ 1

Which of the following is the most common type of bone fracture?



SURVIVING ORTHOPAEDIC: MCQ'S IN ORTHOPEDICS WITH ANSWERS & REFERENCES by IRFAN AHMAD

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1. Open fracture
2. Closed fracture
3. Comminuted fracture
4. Transverse fracture

Answer: B. Closed fracture

Reference: Rockwood and Green's Fractures in Adults, 9th Edition

MCQ 2

What is the first-line treatment for a displaced intracapsular neck of femur fracture in a geriatric patient?

1. Closed reduction and casting
2. Open reduction and internal fixation
3. Total hip replacement
4. Traction

Answer: B. Open reduction and internal fixation

Reference: Wheeler's Textbook of Orthopedics

MCQ 3

Which of the following is a non-inflammatory type of arthritis?

1. Osteoarthritis
2. Rheumatoid arthritis
3. Gout
4. Ankylosing spondylitis

Answer: A. Osteoarthritis

Reference: Kelley's Textbook of Rheumatology, 10th Edition

Section 2: Trauma Orthopedics

MCQ 4

Which of the following is the most common cause of open fractures?

1. Falls
2. Motor vehicle accidents
3. Penetrating injuries
4. Sports injuries

Answer: C. Penetrating injuries

Reference: Campbell's Operative Orthopedics, 13th Edition

MCQ 5

What is the Gustilo-Anderson classification system used for?

1. Classifying open fractures

2. Classifying closed fractures
3. Classifying dislocations
4. Classifying bone tumors

Answer: A. Classifying open fractures

Reference: Rockwood and Green's Fractures in Adults, 9th Edition

MCQ 6

Which of the following is a complication of compartment syndrome?

1. Nerve damage
2. Muscle necrosis
3. Skin ulceration
4. All of the above

Answer: D. All of the above

Reference: Wheeler's Textbook of Orthopedics

Section 3: Sports Orthopedics

MCQ 7

Which of the following is a ligament commonly injured in the knee during sports activities?

1. Anterior cruciate ligament
2. Medial collateral ligament

3. Posterior cruciate ligament
4. Lateral collateral ligament

Answer: A. Anterior cruciate ligament

Reference: DeLee and Drez's Orthopaedic Sports Medicine, 5th Edition

MCQ 8

What is the most common type of shoulder instability in athletes?

1. Anterior instability
2. Posterior instability
3. Multidirectional instability
4. Inferior instability

Answer: A. Anterior instability

Reference: The Shoulder, 5th Edition

MCQ 9

Which of the following is a common overuse injury in the elbow of baseball pitchers?

1. Lateral epicondylitis
2. Medial epicondylitis
3. Ulnar nerve entrapment
4. Triceps tendinitis

Answer: A. Lateral epicondylitis

Reference: Surgery of the Elbow, 3rd Edition

Section 4: Spine Orthopedics

MCQ 10

Which of the following is a symptom of lumbar spinal stenosis?

1. Back pain
2. Leg pain
3. Neurogenic claudication
4. All of the above

Answer: D. All of the above

Reference: Spine Surgery, 4th Edition

MCQ 11

What is the most common type of cervical spine fracture?

1. Hangman's fracture
2. Jefferson fracture
3. Clay-shoveler's fracture
4. Odontoid fracture

Answer: A. Hangman's fracture

Reference: The Cervical Spine, 5th Edition

MCQ 12

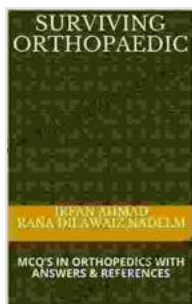
Which of the following is a conservative treatment option for adolescent idiopathic scoliosis?

1. Bracing
2. Physical therapy
3. Medication
4. Observation

Answer: A. Bracing

Reference: Principles and Practice of Spinal Surgery, 4th Edition

By engaging with these MCQs in orthopedics, individuals seeking to excel in orthopedic examinations or expand their knowledge in the field can effectively assess their understanding of various orthopedic conditions and their management. The answers and references provided with each MCQ allow for comprehensive review and appron



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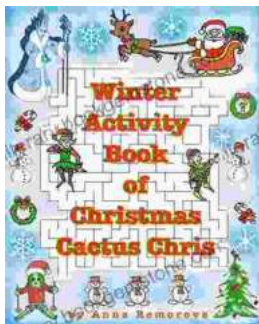
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