Equator University of Science and Technology

Anatomy Department

Course: Anatomy of the limbs

Tutorial (4)

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1. A 65-year-old woman falls on an outstretched hand. She presents with dorsal deformity ("silver fork") and pain at the distal radius. Diagnosis?

2. A 40-year-old man falls on flexed wrist. He presents with volar displacement of distal radius. Diagnosis?

3. A 25-year-old man falls on an outstretched hand. He has snuffbox tenderness but normal X-ray. Diagnosis?

4. A 50-year-old woman has numbness and tingling in the thumb, index, and middle fingers. Phalen's test is positive. Diagnosis?

5. A 45-year-old cyclist presents with weakness of the hypothenar muscles and sensory loss in the medial hand. Diagnosis?

5. A 22-year-old basketball player jams his finger. He cannot extend the distal phalanx. X-ray shows avulsion of the distal extensor tendon. Diagnosis?

6. A 60-year-old woman has chronic wrist pain and stiffness, worse with activity. X-ray shows joint space narrowing and osteophytes at radiocarpal and midcarpal joints. Diagnosis?

7. A 35-year-old man falls on his thumb. X-ray shows intra-articular fracture at the base of the first metacarpal. Diagnosis?

8. A 30-year-old skier presents with pain and instability at the MCP joint of the thumb. Diagnosis?

9. A 55-year-old man presents with flexion contractures of the 4th and 5th fingers. Examination shows thickened palmar fascia. Diagnosis?

10. A 50-year-old woman presents with swollen MCP and PIP joints, ulnar deviation, and morning stiffness. X-ray shows joint erosions and deformities. Diagnosis?