



Distal Radius Fractures : A Clinical Casebook

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- Subjects (MeSH): Fracture Fixation - methods
Radius Fractures - diagnosis
Radius Fractures - surgery
Radius - injuries
- Abstract: Based exclusively upon clinical cases covering fractures of the distal radius, this concise, practical casebook will provide orthopedic surgeons and sports medicine specialists with the best real-world strategies to properly manage the multifaceted surgical techniques for management of the distal radius and distal radial ulnar joint (DRUJ). Each chapter begins with a case that opens with a unique clinical presentation, followed by a description of the diagnosis, assessment and management techniques used to treat it, as well as the case outcome and clinical pearls and pitfalls. Cases included illustrate the various uses of the volar locking plate for metaphyseal and periarticular fractures, among others, as well as management strategies for open reduction internal fixation (ORIF) for the radial styloid. Ulnar styloid and ulnar head/neck fractures are likewise described. Pediatric distal radius fractures and complications round out the presentation. Pragmatic and reader friendly, Distal Radius Fractures: A Clinical Casebook will be an excellent resource for orthopedic surgeons, hand and upper extremity surgeons and sports medicine specialists confronted with both common and complex fractures to the distal radius and DRUJ.
- Contents: [publisher supplied] Volar Locking Plate: Metaphyseal Fracture – Volar Locking Plate: Peri-Articular Fracture – Volar Locking Plate with Dorsal/Ulnar Plating – Volar Locking Plate and Radial Styloid Plating – Volar Locking Plate: Intra-Articular Fracture – Fragment Specific Fixation – Volar/Ulnar Fixation – Radial Styloid ORIF – External Fixation with Percutaneous Internal Fixation – Distal Radius with Ulnar Styloid Fracture – Distal Radius with Ulnar Head/Neck Fracture – DRUJ Dislocation/Galeazzi Fracture – Pediatric Metaphyseal Fracture CRPP – Pediatric Metaphyseal Fracture ORIF – Pediatric Galeazzi Variant – Complications of Distal Radius Fracture: Loss of Fixation – Complications of Distal Radius Fracture: CTS – Complications of Distal Radius Fracture: EPL Rupture.
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Distal radius fractures : current concepts

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Radius - injuries

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Conservative Orthopedics

Traumatic Surgery

Radius (Anatomy) - Fractures

Fractures - Complications

Abstract: Distal radial fractures are still puzzling us 200 years after Colles' classic description. Despite the advent of various new imaging techniques, including 3D CT, the availability of diagnostic adjuncts such as arthroscopy, and treatment options that include more than 30 different volar locking plates, the rate of unsatisfactory treatment results remains very high. Furthermore, while we are aware of more associated injuries, such as carpal ligament tears and injuries to the radioulnar ligament (TFCC), there is still intense debate on the relevance of these injuries. This textbook aims to provide the reader with a complete understanding of distal radius fractures, their inherent problems, and how to manage them successfully. It is written by widely published experts from a part of the globe where distal radius fractures are very common, especially during the winter months. Clear guidance is provided on diagnostic imaging, classification, and assessment of fracture instability. The complete spectrum of operative and nonoperative treatment options are then clearly explained with the aid of step-by-step illustrations. Extensive information is also provided on complications and their treatment.

Contents:	Part I. Introduction – Distal Radius Fractures: What Is the Problem? – A Historical Review of the Distal Radius Fracture – Anatomy of the Wrist – Biomechanics and Kinematics of the Wrist – Epidemiology – Distal Radius Fractures and Osteoporosis – Outcome Assessment After Distal Radius Fractures – Medicolegal Aspects of Distal Radius Fractures – Part II. Diagnosis – Imaging – Classification Distal Radius Fractures – How to Assess Fracture Instability – Part III. Treatment – Pharmacologic Treatment of Distal Radial Fractures – Flow Chart for Treatment: A Standardized Treatment Program as an Aid in Primary Treatment of Distal Radius Fractures – The Clinical Dilemma: Nonoperative or Operative Treatment – Clinical Diagnosis, Closed Reduction, and Plaster – Closed Re-reduction: Is It an Alternative – Closed Reduction and External Fixation of Unstable Distal Radius Fractures – Closed Reduction and Percutaneous Pinning – Closed Reduction and Intramedullary Fixation of Distal Radius Fractures – Closed Reduction and External Fixation or Open Reduction and Volar Internal Fixation: The Clinical Dilemma – Combined External Fixation and Internal Fixation – Open Reduction and Volar Plating: Surgical Guide – When Fixed-Angle Volar Plates Are Not Enough: Alternative Fixation Methods in Problem Fractures – Die-Punch Fractures: Open and Arthroscopy-Assisted Fixation – Arthroscopy in Distal Radius Fractures – Associated Injuries in Distal Radius Fractures – Radial Styloid Fractures and Associated Carpal Injuries – Acute Injuries Around the Distal Ulna – Bone Substitutes, Grafts and Cement – The Elderly Osteoporotic Patient – Rehabilitation – Part IV. Complications and Their Treatment – Complications: An Overview – Nerve Entrapments and Nerve Injuries in Distal Radius Fractures – Tendon Complications of Distal Radial Fractures – Complex Regional Pain Syndrome – Compartment Syndrome of the Forearm – Extra-articular Malunion of the Radius; Osteotomy of the Radius – Ulnar Shortening Osteotomy After Distal Radius Fracture – Intra-articular Malunion – Distal Radius Fractures and Secondary Carpal Dysfunction – Secondary Osteoarthritis: Partial or Total Arthrodesis Versus Wrist Arthroplasty – Secondary DRU Joint Problems Instability, Nonunion Styloid, and Ulnocarpal Abutment – Salvage Procedures to the DRU Joint – Wrist Denervation – Part V. Miscellaneous – Associated Fractures of the Distal Ulna – Galeazzi's Fracture and Essex-Lopresti Injuries: Dislocation Fractures of the Forearm – Distal Radius Fractures in Children.
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