

1. Record Nr.	UNINA9910523910003321
Titolo	Hand and wrist injuries in baseball : a clinical guide // Gary M. Lourie, editor
Pubbl/distr/stampa	Cham, Switzerland : , : Springer, , [2022] ©2022
ISBN	3-030-81659-1
Descrizione fisica	1 online resource (287 pages)
Disciplina	617.575044
Soggetti	Hand - Wounds and injuries
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Intro -- Foreword -- Introduction -- Contents -- Contributors -- Part I: Fractures of the Hand and Wrist -- 1: Distal Radius Fractures in Baseball -- Define the Specific Injury Your Chapter Will Address -- Pertinent Anatomy of the Injury You Are Describing. Please Make It Clinical Anatomy -- Mechanism of Injury -- History/Differential Dx -- Directed Physical Exam -- Imaging Including Advanced Methods -- Conservative Treatment -- Surgical Treatment -- Post-treatment Rehab (There Will Be a Specific Chapter to General Guidelines) -- Complications/Adverse Results -- Early Return to Play -- References -- 2: Hand and Wrist Injuries in Baseball: Scaphoid Fractures -- Definition of Injury/Classification -- Incidence -- Anatomy -- Mechanism of Injury (MOI) -- History/Differential Dx -- Physical Exam -- Imaging -- Treatment: Conservative -- Treatment: Surgical -- Rehabilitation -- RTP (Return to Play) -- References -- 3: Carpal Fractures Excluding the Scaphoid and Hook of Hamate -- Introduction -- Triquetral Fractures -- Hamate Fractures -- Trapezium Fractures -- Capitate Fractures -- Trapezoid Fractures -- Pisiform Fractures -- Lunate Fractures -- References -- 4: Hook of the Hamate Fractures -- Introduction -- Incidence of Fractures of the Hook of the Hamate -- Clinical Anatomy -- Mechanism of Injury -- History -- Physical Exam -- Radiographs/Advanced Imaging -- Differential Diagnosis -- Treatment (Conservative Versus Surgical) -- Results -- Prevention/Management Optimization -- Conclusion -- References --

5: Carpometacarpal (CMC) Injuries Digits 2-5 -- Introduction -- Carpometacarpal Bossing -- Carpometacarpal Dislocation -- References -- 6: Phalangeal and Metacarpal Fractures of the Digits -- Introduction -- Anatomy -- Mechanism of Injury -- Differential Diagnosis -- Physical Examination -- Imaging -- Conservative Treatment -- Surgical Treatment. Metacarpal Head Fractures -- Metacarpal Shaft Fractures -- Post-treatment Rehabilitation -- Complications -- Early Return to Play -- References -- 7: Thumb Basilar Joint Injuries -- Fractures -- Introduction -- Pertinent Anatomy -- Mechanism of Injury/History -- Physical Exam -- Imaging -- Conservative Treatment -- Surgical Treatment -- Complications -- Return to Play -- Dislocations -- Introduction -- Mechanism of Injury -- Pertinent Anatomy -- History/Physical Exam -- Imaging -- Conservative Treatment -- Surgical Treatment -- References -- Fracture -- Dislocation -- 8: Distal Tip Injuries and Blisters -- Blisters -- References -- Part II: Ligament Injuries of the Hand and Wrist -- 9: Scapholunate Ligament Injuries in Baseball -- Introduction -- Anatomy and Biomechanics -- Diagnosis -- Clinical Presentation -- Imaging -- Diagnostic Arthroscopy -- Treatment -- Rehabilitation -- Summary -- References -- 10: Thumb Metacarpophalangeal Joint Collateral Ligament Injury -- Thumb Ulnar Collateral Ligament -- Anatomy and Mechanism of Injury -- Diagnosis: History and Clinical Exam -- Radiographic Examination -- Classification -- Conservative Treatment -- Surgical Treatment -- Acute UCL Repairs -- Suture Augmentation Technique [47] -- Postoperative Rehabilitation -- Chronic UCL Reconstructions -- Technique -- Postoperative Rehabilitation -- Thumb Radial Collateral Ligament -- Anatomy and Mechanism of Injury -- Injury Diagnosis: History and Clinical Exam -- Imaging -- Classification -- Conservative Treatment -- Surgical Treatment -- Acute and Chronic Repair -- Surgical Technique -- Postoperative Rehabilitation -- References -- 11: Collateral Ligament Injuries of the Fingers in Baseball Players -- Introduction -- Anatomy and Physiology of the Collateral Ligaments -- Pathophysiology of Injury -- Clinical Evaluation -- Clinical History -- Physical Examination. Imaging -- Grading Collateral Ligament Injuries -- Management of Collateral Ligament Injuries -- Postoperative Rehabilitation -- Outcomes -- References -- 12: Triangular Fibrocartilage Complex Injury -- Define the Specific Injury Your Chapter Will Address -- Incidence and Uniqueness to Baseball -- Pertinent Anatomy and Classification -- Components of the TFCC -- Blood Supply and Innervation -- Functional Implications of the Anatomy -- Classification Systems -- Mechanism of Injury -- History and Differential Diagnosis -- Directed Physical Exam -- Imaging Including Advanced Methods -- Radiographs -- Magnetic Resonance Imaging -- Conservative Treatment -- Surgical Treatment -- Type 1A -- Type 1B -- Type 1C -- Type 1D -- Degenerative Tears -- Complications -- Post Treatment Rehab and Return to Play -- References -- Part III: Tendon and Nerve Injuries of the Hand and Wrist -- 13: Flexor Tendon and Flexor Pulley Injuries -- Anatomy: Flexor Tendon and Pulley Apparatus -- Zones of Injury -- Extrinsic Flexor Tendon Anatomy -- Intrinsic Musculature -- Flexor Pulley Apparatus -- Flexor Tendon Nutrition -- Injury Assessment: Clinical Evaluation -- Clinical History -- Clinical Examination -- Injury Assessment: Imaging -- Radiographs -- Ultrasound -- Magnetic Resonance Imaging -- Injury Classification: Flexor Tendon -- Management of Flexor Tendon Injuries -- Pre-Repair Considerations -- Injury Management: Surgical Repair -- General Principles -- Acute Injuries -- Delayed

Repair/Reconstruction -- Injury Management: Post-Repair
Rehabilitation -- Flexor Pulley Injury -- Injury Classification --
Nonsurgical Treatment -- Surgical Treatment -- Post-Repair
Rehabilitation -- Summary -- References -- 14: Extensor Tendon
Injuries of the Digits: Mallet Finger, Boutonnière Deformity, and Sagittal
Band Disruption -- Extensor Tendon Injuries of the Digits.
Mallet Finger Also Known as "Baseball Finger" -- Central Slip Injury
and Boutonnière Deformity -- Sagittal Band Injury -- References -- 15:
Wrist Extensor Pathologies in the Baseball Athlete -- Introduction --
Incidence in Sports and Baseball -- Pathologies of the Extensor Carpi
Ulnaris and Its Investments -- Mechanism of Injury --
History/Differential Dx -- Directed Physical Exam -- Imaging Including
Advanced Methods -- Simplified Approach to Classification --
Strategies for Treating Pathologies of the ECU and Investments --
Return-to-Play -- Surgical Treatment of ECU-Related Pathology:
The "Modified Combined" Repair -- Post-Treatment Rehabilitation --
Complications/Adverse Events -- Early RTP -- Pathologies About
the Radial Wrist Extensors -- Conclusion -- References -- 16: Nerve
Injuries of the Wrist -- Carpal Tunnel Syndrome -- Introduction --
Anatomy -- Etiology -- History -- Physical Examination -- Diagnostics
-- Treatment -- Ulnar Tunnel Syndrome (Guyon Canal) -- Introduction
-- Anatomy -- Etiology -- History -- Physical Examination --
Diagnostics -- Treatment -- Summary -- References -- 17: Vascular
Injuries of the Hand and Wrist -- Mechanism of Injury -- Anatomy --
Hypothenar Hammer Syndrome -- Assessment -- History
and Differential Diagnoses -- Physical Examination -- Imaging --
Treatment -- Conservative Treatment -- Surgical Treatment --
Complications -- Other Vascular Injuries -- Digital Artery Ischemia --
Digital Artery Entrapment -- Emboli -- References -- Part IV: Special
Topics -- 18: Baseball Injuries in Children and Adolescents -- What
Sets Children and Adolescents Apart -- Evaluating the Child's Hand --
Anomalous Carpals and Muscles -- Treating the Child's Hand -- Stress
Injury -- Bone Contusions -- Specific Acute Injuries -- Fingertip
Injuries -- Mallet Injuries -- Seymour Fracture -- Phalangeal Neck
Fracture.
Proximal/Periphyseal Phalangeal Fracture Including Avulsion Fractures
-- 'Extra-octave' Other Physeal/Juxtaepiphseal Fractures --
Ligamentous Avulsion Fractures of the Fingers -- Ligamentous
Avulsion Fractures of the Thumb -- Scaphoid Injury -- Other Carpal
Injuries -- Sprains -- Intercarpal Ligament Injury, Including
Scapholunate Tears -- Triangular Fibrocartilage Complex (TFCC) Tears
-- Conclusion -- References -- 19: The Athletic Trainer's Perspective
of Three Common Baseball Injuries -- Thumb Ulnar Collateral Ligament
(UCL) Tear -- Clinical Exam -- Mechanism -- Nonsurgical
Rehabilitation Approach -- Surgical Rehabilitation Approach -- Tape
Support/Bracing -- Return-to-Play Criteria -- Hook of Hamate Injury
-- Blister Prevention and Treatment -- Prevention -- Heavy Sweaters --
What to Do with a Blister -- Broken Finger Nail -- Reference -- Index.
