

# Massive Rotator Cuff Tears

Diagnosis and  
Management

Lawrence V. Gulotta  
Edward V. Craig  
*Editors*

 Springer

# Massive Rotator Cuff Tears Diagnosis And Management

**Jiyuan Zhang**



## **Massive Rotator Cuff Tears Diagnosis And Management:**

**Massive Rotator Cuff Tears** Lawrence V. Gulotta, Edward V. Craig, 2014-09-18 Presenting a logical comprehensive approach to the patient with a massive rotator cuff tear this book begins with the pathoanatomy and diagnostic work up for this common injury including imaging Both non operative and operative treatment options for massive tears follow including arthroscopy the use of biologics and patches tendon transfers and hemiarthroplasty and reverse total shoulder arthroplasty A practical treatment algorithm for clinicians treating patients with massive rotator cuff tears is also included Each chapter opens with pearls and pitfalls covering the main key points for quick reference The overarching theme of this book is that patients with similar imaging findings may demonstrate very different clinical presentations and the final treatment recommendation should be made based on their complaints and expectations As such it will be an excellent resource for orthopedic surgeons sports medicine and shoulder physicians physiatrists physical medicine and rehab specialists and occupational therapists

**Disorders of the Shoulder: Reconstruction** Joseph P. Iannotti, Gerald R. Williams, 2013-10-17 Designed to address all aspects of shoulder reconstruction this volume in the Disorders of the Shoulder series provides complete and practical discussions of the reconstructive process from diagnosis and planning through surgical and nonsurgical treatments to outcome and return to functionality

***Disorders of the Shoulder: Reconstruction*** Joseph P Iannotti, Gerald R. Williams (Jr.), Anthony Miniaci, Joseph David Zuckerman, 2013-09-16 Of the nearly 8 million shoulder injuries treated annually in the United States almost half are rotator cuff repairs and most of these injuries are treated by orthopedic sports medicine specialists This title covers the full spectrum of shoulder procedures including open and arthroscopic procedures

**Review of Orthopaedics E-Book** Mark D. Miller, Stephen R. Thompson, Jennifer Hart, 2012-04-23 At all levels of orthopaedic training and practice Review of Orthopaedics by Mark D Miller MD is an ideal state of the art resource for efficient review of key orthopaedic knowledge and board prep Thoroughly updated this edition helps you ensure your mastery of the very latest scientific and clinical information Consult this title on your favorite e reader with intuitive search tools and adjustable font sizes Elsevier eBooks provide instant portable access to your entire library no matter what device you re using or where you re located Focus on the concepts you are most likely to be tested on Every chapter has been carefully compared to the most recent OITE and ABOS self assessment exams to ensure that the content covers everything you need to pass and nothing you don t Learn from the best Study confidently summaries and review questions compiled by noted national and international subspecialists Efficiently retain and synthesize information thanks to a concise at a glance format with numerous illustrations and summary boxes throughout the book that highlight salient top testing facts and condense complex concepts to assist you in understanding key material presented in each chapter Hone your skills with succinct yet thorough synopses of a wide range of key operative techniques Effectively understand and review key concepts through abundant full color tables and images including pathology slides Test your knowledge with multiple choice review

questions Spend more time studying and less time searching Testable material is now bolded throughout and summarized at the end of each chapter for quick reference to essential information Easily locate additional sources for study with carefully selected bibliographies organized by topic Access the full contents online fully searchable at expertconsult.com with links to full reference lists and original PubMed source material

**Massive and Irreparable Rotator Cuff Tears** Nuno Sampaio Gomes, Ladislav Kovačič, Frank Martetschläger, Giuseppe Milano, 2020-04-22 This book offers a truly comprehensive overview of the understanding and treatment of massive and irreparable rotator cuff tears a painful and disabling shoulder condition that continues to pose major challenges A thorough examination of basic science issues and evidence lays the foundation for discussion of key controversies in the field and exposition of a practical approach to treatment in which the role of both conservative and surgical management is explained Special insights are provided into the new biological and nonoperative approaches that are becoming increasingly popular among practitioners All potential surgical techniques are described from partial repair and tendon transfer to the use of dedicated implants In addition the value of anesthesia and regional blocks both during surgery and in the postoperative phase is discussed The concluding section addresses particularly complex scenarios and offers guidance on the management of treatment complications and failures Written by leading international shoulder experts the book will be of value for shoulder surgeons rehabilitators and other health care practitioners

Evidence-based Orthopedics Mohit Bhandari, 2011-10-13 Surgical orthopedic procedures such as hip replacements arthroscopy or knee replacements are surrounded by pre and post operative complications and there are varying different methods for the procedures themselves This book for the first time brings together the best evidence for treatments as well as any complications Not only does it cover the evidence base for orthopedic surgery but also orthopedic conditions requiring medical treatment and pediatric orthopedics Using the approved EBM methodology and edited by teachers of evidence based medicine this is a genuine EBM textbook for all orthopedic specialists and trainees

**European Instructional Lectures** George Bentley, 2011-01-21 It is a privilege for me to introduce this Instructional Lecture book for the 11th EFORT Congress The format of the Congress combines a National society SECOT and the European Federation EFORT For this lecture book the topics selected are original and attractive and will predicate further lectures The main goal of EFORT is to convey the latest knowledge of diseases and trauma of the Musculoskeletal system to all European Surgeons We also wish to welcome colleagues from all over the world especially from Latin America and Asia who are joining us The Scientific programme combines multiple aspects of Orthopaedics and Traumatology paying attention particularly to the latest treatments for infections in a static disease Trauma care and arthroplasty registers from a European perspective Our Instructional Lecturers are from all over Europe and present topics from diverse areas of interest These lectures give the opportunity to learn about various diseases but also our speakers special experience based on their National philosophy again a chance to widen our European horizons As the chairman of the Local Organising Committee I thank all of our Lecturers for their excellent

contributions for publication in this collection My special thanks go to Professor George Bentley for organising this edition EFORT should be congratulated for all its efforts in providing training material for all Orthopaedic surgeons and particularly for this selection of Instructional Lectures for the Congress in Madrid

**Gartsman's Shoulder Arthroscopy E-Book** Hussein Elkousy, T. Bradley Edwards, 2018-01-29 Covering the entire spectrum of operative shoulder arthroscopy including both routine and complex shoulder procedures Gartsman's Shoulder Arthroscopy 3rd Edition provides a straightforward classroom approach that walks you through each step of these challenging surgeries Two master surgeons in the field Drs Hussein Elkousy and T Bradley Edwards present clear explanations of the standard approach to each procedure plus variations and complications that frequently arise Focused concise coverage includes review of anatomy indications and contraindications non operative options pre operative assessment and imaging and more Provides a uniform consistent approach to all aspects of shoulder arthroscopy including pearls from the expert author team of Hussein Elkousy and T Bradley Edwards Includes new and revised content on bicep lesions and acromioclavicular joint pathology arthroscopic diagnostic and management tools rehabilitation and new non metallic implants and knotless techniques Contains more videos techniques and images on how to address rotator cuff and labral pathology Features superb intraoperative photographs and line drawings as well as accompanying videos for dynamic clarification all updated to offer the latest visual guidance in the field Expert Consult™ eBook version included with purchase This enhanced eBook experience allows you to search all of the text figures and references from the book on a variety of devices

**Rotator Cuff Tear** Stefano Gumina, 2016-11-14 This handbook provides detailed state of the art information on simple and complex rotator cuff tears that will be of value in daily clinical practice It covers all relevant aspects including basic science pathogenesis clinical and instrumental evaluation and treatment techniques Drawing on the results of recent studies the book will enable the reader to better understand how tears occur and what treatment should be employed in different circumstances Rotator cuff tear has always attracted great interest because it may cause shoulder pain loss of strength simple or complex disabilities and partial or total inability to work reducing quality of life The goals of cuff repair are to restore footprint anatomy with biomechanically secure tension free construction that promotes biological healing at the tendon to bone interface Even today there is cause for discussion about when and how to perform surgical repair and on what to do in cases of irreparable rupture This book casts light on such issues It is especially designed for shoulder surgeons and rehabilitation specialists and will also be of value for residents and shoulder fellows

**Advances in the Treatment of Rotator Cuff Tears, An Issue of Clinics in Sports Medicine, E-Book** Brian C Werner, 2022-11-17 In this issue guest editors bring their considerable expertise to this important topic Provides in depth reviews on the latest updates in the field providing actionable insights for clinical practice Presents the latest information on this timely focused topic under the leadership of experienced editors in the field Authors synthesize

The Shoulder E-Book Charles A. Rockwood, Michael A. Wirth, 2009-01-19 Significantly revised and updated the new

edition of this highly regarded reference on the shoulder continues to impress A multitude of leading international authorities 30% new to this 4th edition present today s most comprehensive in depth view of the current state of shoulder practice all in a beautifully illustrated full color 2 volume masterwork They deliver the most up to date coverage of shoulder function and dysfunction along with practical approaches for patient evaluation and balanced discussions of treatment alternatives open and arthroscopic surgical and nonsurgical Greatly expanded and visually enhanced coverage of arthroscopy as well as many new chapters provide expert guidance on the latest minimally invasive approaches New Critical Points summary boxes highlight key technical tips and pearls and two DVDs deliver new videos that demonstrate how to perform open and arthroscopic procedures And now as an Expert Consult title this thoroughly updated 4th edition comes with access to the complete fully searchable contents online as well as videos of arthroscopic procedures from the DVDs enabling you to consult it rapidly from any computer with an Internet connection Includes tips and pearls from leaders in the field as well as their proven and preferred methods Offers scientifically based coverage of shoulder function and dysfunction to aid in the decision making process Provides a balance between open and arthroscopic techniques so you can chose the right procedures for each patient Includes the entire contents of the book online fully searchable as well as procedural videos from the DVDs for quick easy anywhere access Features 30% new expert contributors and new chapters including Effectiveness Evaluation and the Shoulder Revision of Rotator Cuff Problems Management of Complications of Rotator Cuff Surgery Management of Infected Shoulder Prosthesis and others providing you with abundant fresh insights and new approaches Provides new and expanded material on the management of advanced arthritis and CTA infected arthroplasty procedures to manage the stiff shoulder and much more keeping you on the cusp of the newest techniques Offers enhanced coverage of shoulder arthroscopy including basic and advanced techniques and complications for expert advice on all of the latest minimally invasive approaches Devotes an entire new chapter to research frontiers to keep you apprised of what s on the horizon Incorporates Critical Points summary boxes that highlight key technical tips and pearls Uses a new full color design for optimal visual guidance of arthroscopic views and procedures Presents new videos on arthroscopic procedures on 2 DVDs to help you master the latest techniques

*Lippincott's Primary Care Orthopaedics* Paul A. Lotke, Joseph A. Abboud, Jack Ende, 2013-06-24 Part of the highly respected Primary Care Series this 2nd edition of Lippincott s Primary Care Orthopaedics provides family practitioners internists nurse practitioners physician assistants and osteopathic and chiropractic physicians with the reference source they need to confidently diagnose and treat the most common musculoskeletal patient injuries seen in an office setting This full color highly illustrated volume is designed to deliver the most useful information in a consistent and easy to reference format Each chapter opens with a quick synopsis of the problem followed by treatment recommendations and clinical pearls Important sections like Clinical Points Not to be Missed and When to Refer are highlighted to better guide the busy physician in making treatment decisions Plus there is an online companion website with

text images patient handouts and videos of examination and injection procedures so you have access to the content anytime This is the tablet version which does not include access to the supplemental content mentioned in the text

**Biomechanics of Injury** Ronald F. Zernicke, Steven P. Broglio, William Charles Whiting, 2023-03-03 Biomechanics of Injury Third Edition explains the biomechanical principles of injury and how injuries affect normal function of human anatomy With hundreds of photos illustrations and tables it guides readers through the mechanical concepts of injuries without heavy emphasis on mathematics *DeLee & Drez's Orthopaedic Sports Medicine E-Book* Mark D. Miller, Stephen R. Thompson, 2018-12-20 Indispensable for both surgeons and sports medicine physicians DeLee Drez a streamlined organization for quick reference in depth coverage of arthroscopic techniques extensive references levels of evidence at the end of each chapter and Author's Preferred Technique sections Enhanced eBook version included with purchase Your enhanced eBook allows you to access all of the text figures and references from the book on a variety of devices *Advances in Shoulder Surgery* Kazuya Tamai, Eiji Itoi, Kenji Takagishi, 2016-08-15 With critical insights into anatomy and the latest science and research underlying pathogenesis this book serves as a practical and richly illustrated step by step comprehensive guide to successfully performing shoulder surgery and other related procedures Abundant diagnostic and treatment approaches including arthroscopy are provided and are intended to assist beginning and experienced orthopedic surgeons to further develop their skills and facilitate the management of patients with both acute and chronic shoulder injuries The book provides full color photos and diagrams to clearly demonstrate operative techniques and tools for surgery Edited and written by pioneering researcher and surgeons *Advances in Shoulder Surgery* offers a valuable guide to recent advances in shoulder surgery and treatment *Complications of Shoulder Surgery* Thomas J. Gill, Richard J. Hawkins, 2006 Written by internationally recognized master surgeons this book is a comprehensive practical guide to prevention diagnosis and management of complications in shoulder surgery Major sections focus on open and arthroscopic surgery and each section includes chapters on specific procedures such as surgery for anterior shoulder instability surgery for posterior multidirectional instability rotator cuff repair arthroplasty fracture management arthrodesis subacromial decompression acromioclavicular joint resection and thermal capsulorrhaphy For each procedure the authors discuss the full range of potential complications and present their preferred approaches to prevention diagnosis and treatment of these problems More than 200 illustrations complement the text **Orthopaedic Knowledge Update®: Shoulder and Elbow** Gregory P. Nicholson, 2024-12-19 Part of the popular Orthopaedic Knowledge Update series this comprehensive orthopaedic resource covers all aspects of the latest advances in shoulder and elbow care in a single convenient volume Developed in partnership with the American Academy of Orthopaedic Surgeons AAOS and edited by Gregory P. Nicholson MD FAAOS Orthopaedic Knowledge Update Shoulder and Elbow 6 reflects cutting edge research and advances in the field written since the last volume published in 2020 Written and edited by leading orthopaedic surgeons and specialists this text will be a valuable

resource for practicing orthopaedic surgeons and shoulder and elbow specialists as well as residents and fellows

**Therapeutic Exercise** Carolyn Kisner, Lynn Allen Colby, John Borstad, 2017-10-18 Here is all the guidance you need to customize interventions for individuals with movement dysfunction You ll find the perfect balance of theory and clinical technique in depth discussions of the principles of therapeutic exercise and manual therapy and the most up to date exercise and management guidelines

**The Shoulder** Jenny T. Bencardino, 2019-06-24 This book covers all aspects of imaging diagnosis of shoulder disorders from a clinical perspective After discussion of relevant imaging techniques a wide spectrum of disorders is addressed in a series of dedicated chapters on rotator cuff injuries and impingement syndromes biceps tendon and rotator interval pathology glenohumeral instability SLAP tears and microinstability shoulder girdle fractures shoulder arthropathies tumors and tumor like conditions and entrapment neuropathies Separate consideration is also given to the pediatric shoulder and to preoperative planning postoperative imaging and surgical techniques in patients undergoing shoulder arthroplasty The unique anatomy and range of motion of the shoulder joint can present a diagnostic challenge Characterization of soft tissue injuries and radiographically occult osseous pathology is often facilitated by the use of advanced imaging techniques including MRI CT and ultrasound Readers will find this excellently illustrated book to be an invaluable aid to diagnostic interpretation when employing these techniques

**Shoulder and Elbow Injuries in Athletes** Robert A. Arciero, Frank A. Cordasco, Matthew T. Provencher, 2017-10-17 Thorough and concise this practical reference provides a unique on field management approach to all athletic injuries to the shoulder and elbow as well as nonoperative and operative treatment options including arthroscopy and open surgery Focusing on high performance athletes leading authorities in the field demonstrate how to provide pain relief restore function and return the athlete to sport and to prior level of performance in a safe and timely fashion Showcases the knowledge and expertise of an international group of editors and authors who have served as president of the American Orthopaedic Society for Sports Medicine the American Shoulder and Elbow Surgeons and the Arthroscopy Association of North America are physicians or consultants for professional and collegiate sports teams have won awards for research in the field of shoulder surgery are editors and reviewers for peer reviewed journals and much more Contains rehabilitation guidelines and critical return to sport protocols essential information for nonsurgical healthcare providers primarily on athletes under the age of 40 with some consideration of the older athlete professional golf for example Contains a section in each chapter covering On the Field Management and Early Post Injury Assessment and Treatment a must read for immediate care of the injured athlete and ensuring the safe return to play Covers the most recent advances in the management of tendon tears in elite and overhead athletes including prevention in youth sports early sports specialization and changing standards of care regarding shoulder and elbow instability Provides a thorough review of current ulnar collateral ligament injury diagnosis imaging non operative management and surgery as well as acromioclavicular and sternoclavicular joint injuries clavicle and olecranon fractures and OCD of the capitellum

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