

distal clavicle anatomy

distal clavicle anatomy is a crucial area of study within the field of human anatomy, particularly in understanding the skeletal structure of the shoulder girdle. The distal clavicle, or the end of the collarbone that connects to the acromion of the scapula, plays a significant role in shoulder mobility and stability. This article delves into the intricate details of distal clavicle anatomy, including its structure, function, associated ligaments, and common injuries. Understanding these elements is essential for medical professionals and anyone interested in human anatomy. The following sections will provide a comprehensive overview of the distal clavicle, its anatomical relationships, and its clinical significance.

- Overview of the Clavicle
- Distal Clavicle Structure
- Function of the Distal Clavicle
- Associated Ligaments
- Common Injuries and Conditions
- Clinical Significance

Overview of the Clavicle

The clavicle, commonly known as the collarbone, is a long, slender bone that serves as a critical connector between the upper limb and the trunk. It is classified as a long bone and has a unique S-shape, which is essential for its function. The clavicle has two main parts: the medial (sternal) end and the lateral (acromial) end. The distal clavicle specifically refers to the acromial end, which articulates with the acromion of the scapula.

Understanding the anatomy of the clavicle is fundamental for comprehending the distal clavicle's role. The clavicle provides structural support to the shoulder girdle, facilitates arm movement, and protects vital neurovascular structures that run beneath it. Its position makes it susceptible to injuries, particularly in sports and falls.

Distal Clavicle Structure

The distal clavicle has a distinct structure that contributes to its function. It is characterized by its flattened shape at the acromial end, which allows for a smooth articulation with the acromion. The distal end of the clavicle is also notable for its surface features, including the conoid tubercle and

trapezoid line, which serve as attachment points for ligaments.

Dimensions and Characteristics

The distal clavicle typically measures about 1.5 to 2.0 centimeters in length and 0.5 to 1.0 centimeters in thickness. Its surface can be described as slightly convex and rough, providing an area for ligamentous attachments. The conoid tubercle is located on the inferior surface of the distal clavicle and is significant for the attachment of the conoid ligament, part of the coracoclavicular ligament complex.

Articulations

The distal clavicle forms a critical joint called the acromioclavicular (AC) joint with the acromion of the scapula. This joint is a synovial joint, allowing for a limited range of motion, which is crucial for the overall mobility of the shoulder. The AC joint is reinforced by several ligaments that stabilize it during arm movements.

Function of the Distal Clavicle

The distal clavicle plays several key functions that are vital for shoulder mechanics. Primarily, it acts as a strut that maintains the position of the scapula relative to the thorax, providing a stable base for upper limb movements. This structural integrity is essential for various activities, such as lifting, throwing, and reaching.

Additionally, the distal clavicle facilitates the movement of the shoulder by allowing the scapula to rotate and glide over the thoracic wall. This movement is crucial for actions that require overhead reaching and lifting. The proper functioning of the distal clavicle is, therefore, integral to the overall biomechanics of the shoulder girdle.

Associated Ligaments

The distal clavicle is associated with several important ligaments that contribute to the stability of the AC joint and the shoulder girdle. These ligaments include:

- **Coracoclavicular Ligament:** This ligament consists of two parts—the conoid ligament and the trapezoid ligament. It connects the coracoid process of the scapula to the clavicle, providing significant support to the AC joint.
- **Acromioclavicular Ligament:** This ligament runs between the acromion of the scapula and the distal clavicle, reinforcing the AC joint and preventing excessive movement.

- **Deltoid Ligament:** While primarily associated with the deltoid muscle, this ligament also plays a role in stabilizing the distal clavicle during shoulder movements.

Common Injuries and Conditions

The distal clavicle is prone to various injuries, particularly in athletes and individuals who engage in high-impact activities. Common injuries include:

Clavicle Fractures

Clavicle fractures are among the most frequent injuries in the upper limb, often occurring due to falls or direct trauma. Fractures can occur at any point along the clavicle, but fractures at the distal end are particularly significant due to their potential impact on the AC joint.

Acromioclavicular Joint Separation

AC joint separations occur when the ligaments supporting the AC joint are torn, leading to a separation between the acromion and the clavicle. This injury is commonly seen in contact sports and can vary in severity.

Distal Clavicle Osteolysis

Distal clavicle osteolysis is a condition characterized by the degeneration of bone at the distal end of the clavicle, often related to repetitive overhead activities. This condition is frequently seen in weightlifters and overhead athletes.

Clinical Significance

Understanding distal clavicle anatomy is essential for diagnosing and treating shoulder injuries. Knowledge of the structure and function of the distal clavicle aids healthcare professionals in developing effective treatment plans for conditions such as AC joint injuries, fractures, and osteolysis.

Furthermore, imaging techniques like X-rays and MRIs often focus on the distal clavicle when assessing shoulder injuries, emphasizing its importance in clinical practice. Rehabilitation strategies often hinge on restoring the function of the distal clavicle and its associated structures, underscoring the need for a thorough understanding of its anatomy.

Rehabilitation and Treatment

Effective rehabilitation of distal clavicle injuries involves a multidisciplinary approach, including physical therapy, medication for pain relief, and, in some cases, surgical intervention. Rehabilitation programs focus on restoring range of motion, strength, and function, ensuring a return to normal activities.

In conclusion, the distal clavicle is a vital anatomical structure that plays a significant role in shoulder mechanics and stability. A thorough understanding of its anatomy, associated ligaments, and common injuries is essential for any medical professional involved in musculoskeletal health.

Q: What is the distal clavicle?

A: The distal clavicle refers to the lateral end of the clavicle, which articulates with the acromion of the scapula, forming the acromioclavicular joint.

Q: What are the main functions of the distal clavicle?

A: The distal clavicle serves to stabilize the shoulder girdle, facilitate arm movement, and provide a structural connection between the upper limb and the trunk.

Q: What ligaments are associated with the distal clavicle?

A: The main ligaments associated with the distal clavicle include the coracoclavicular ligament, acromioclavicular ligament, and deltoid ligament.

Q: What are common injuries related to the distal clavicle?

A: Common injuries include clavicle fractures, acromioclavicular joint separations, and distal clavicle osteolysis.

Q: How does distal clavicle anatomy affect shoulder rehabilitation?

A: Understanding distal clavicle anatomy is crucial for developing rehabilitation strategies aimed at restoring function and strength after injuries involving the shoulder.

Q: What imaging techniques are used to assess distal clavicle injuries?

A: Common imaging techniques include X-rays and MRIs, which help in diagnosing fractures, separations, and other conditions affecting the distal clavicle.

Q: Why is the distal clavicle important in sports medicine?

A: The distal clavicle is frequently involved in sports-related injuries, making it vital for sports medicine professionals to understand its anatomy for effective diagnosis and treatment.

Q: Can distal clavicle injuries require surgery?

A: Yes, in severe cases such as significant fractures or joint separations, surgical intervention may be necessary to repair or stabilize the distal clavicle.

Q: What is the role of the conoid tubercle in distal clavicle anatomy?

A: The conoid tubercle is an important landmark on the inferior surface of the distal clavicle, serving as the attachment point for the conoid ligament, which stabilizes the acromioclavicular joint.

Q: What is distal clavicle osteolysis, and who is likely to experience it?

A: Distal clavicle osteolysis is the degeneration of bone at the distal end of the clavicle, often seen in athletes engaged in repetitive overhead activities, such as weightlifting.

Distal Clavicle Anatomy

Find other PDF articles:

<https://ns2.kelisto.es/gacor1-07/files?dataid=Dtj52-0423&title=bruce-campbell-political-views.pdf>

distal clavicle anatomy: *Normal and Pathological Anatomy of the Shoulder* Gregory I. Bain, Eiji Itoi, Giovanni Di Giacomo, Hiroyuki Sugaya, 2015-05-05 This cutting-edge monograph on advanced clinical anatomy and pathoanatomy of the shoulder, written by the world's leading authors, reflects recent significant advances in understanding of anatomy and pathology. It is beautifully illustrated with exquisite photographs of anatomical specimens, and images from arthroscopy, histology, and radiology complete the picture. The accompanying text brings out the clinical, biomechanical, and functional relevance and focuses on aspects important to the high-performance athlete. In addition, the book closely assesses how each component of the normal anatomy responds to trauma, disease, and degeneration. The finer points of the pathoanatomy are demonstrated with clinical cases, histology, radiology, arthroscopy, and open surgery. The text details how the pathoanatomy affects the patient presentation, clinical examination, and imaging. It is also explained how the pathology affects the natural history and the outcome of physical therapy and influences recommendations for surgical treatments. This book will be of immense value both to trainees and to specialists who manage disorders of the shoulder, including orthopedic surgeons, sports physicians, and physiotherapists. It will also be of great interest to anatomists and pathologists.

distal clavicle anatomy: Epiphyseal Growth Plate Fractures Hamlet A. Peterson, 2007-08-15

This comprehensive and illustrated reference work covers all aspects of growth plate fractures and their complications. It is based on the unique resources of the Mayo Clinic regarding patient follow-up. Following general reviews of growth plate fractures, 21 chapters deal with each epiphyseal growth plate in the body. All of these chapters are constructed similarly for easy and quick retrieval of the required information.

distal clavicle anatomy: Skeletal Trauma of the Upper Extremity, E-Book Grant E.

Garrigues, Marc J. Richard, Mark J. Gage, 2021-07-22 From the sternoclavicular joint to the distal phalanx, *Skeletal Trauma of the Upper Extremity* is a practical, one-volume resource covering all aspects of upper limb trauma and surgery. Comprehensive in scope, it features a multidisciplinary, step-by-step approach to evaluation and management, including concise background information and a detailed focus on practical points and surgical techniques. Written by global experts in traumatology, sports medicine, shoulder, elbow, and hand surgery, this richly illustrated guide brings you into the operating room with leaders in the field. - Offers detailed, practical guidance from the originators and/or masters of each procedure, along with multiple, illustrated surgical technique descriptions. - Includes pearls and pitfalls, preoperative evaluation and indications, surgical techniques, rehabilitation, and management of complications. - Features tables and figures throughout that clearly demonstrate surgical tips and tricks. - Identifies controversial topics and covers current challenges such as arthroscopic coracoclavicular/acromioclavicular joint reconstruction, reverse total shoulder arthroplasty for proximal humerus fracture, total elbow arthroplasty for fracture, interosseous membrane reconstruction of the forearm, and many more. - Contains more than 500 high-quality illustrations, including anatomical and surgical illustrations, surgical photographs, ultrasounds, and x-rays.

distal clavicle anatomy: Surgical Techniques in Sports Medicine Neal S. Elattrache, 2007

Featuring more than 950 photographs and drawings—including 500 in full color—this text offers step-by-step instructions on techniques for performing common and complex sports medicine procedures in the upper and lower extremities. Noted experts who have developed or perfected these techniques guide the reader in stepwise detail through each procedure. Where appropriate, the book covers both open and arthroscopic techniques for each injury or problem. Coverage includes the most current and cutting-edge techniques as well as traditional tried and true procedures in operative sports medicine.

distal clavicle anatomy: Acromioclavicular, Clavicle, and Sternoclavicular Injuries in Athletes, An Issue of Clinics in Sports Medicine, E-Book Katherine J. Coyner, 2023-09-21 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 and distill the latest research and practice guidelines to create these timely topic-based reviews.

distal clavicle anatomy: Surgical Techniques of the Shoulder, Elbow, and Knee in Sports Medicine, E-Book Brian J. Cole, Jorge Chahla, 2022-05-24

Ensure optimal outcomes from each shoulder, elbow, and knee sports medicine surgery with the consistent, step-by-step approach offered in this comprehensive reference. *Surgical Techniques of the Shoulder, Elbow, and Knee in Sports Medicine*, 3rd Edition, covers both open and arthroscopic surgeries, providing the expert guidance you need on everything from patient positioning, anatomy, relevant biomechanics and the latest orthopaedic surgery techniques, through pearls and pitfalls and post-operative care. Contributing authors are renowned sports medicine surgeons who equip you with a global perspective on the most recent orthopaedic advances. - Covers the latest open and arthroscopic techniques for both common and not-so-common sports medicine pathologies. - Offers a comprehensive approach to each pathology including rehabilitation protocols and return-to-play criteria. - Contains more than 15 new chapters: First-time Shoulder Dislocation, Ulnar Collateral Ligament Reconstruction (various techniques), Managing Bone Loss on the Humeral Head, Cartilage

Allografts for the Treatment of Cartilage Lesions of the Knee, and many more. - Provides up-to-date information on timely topics such as complex decision making for the patellofemoral joint, biologics and injection therapy for the management of osteoarthritis, and primary ACL repair techniques. - Highlights step-by-step text with numerous high-quality illustrations, surgical photographs, and MRIs and radiographs. - Includes access to an online surgical video collection covering Arthroscopic Rotator Cuff Repair: Double Row Techniques; Arthroscopic Repair of Multidirectional Instability of the Shoulder; Ulnar Collateral Ligament Repair and Reconstruction: DANE Technique; Double Bundle Anterior Cruciate Ligament Reconstruction; and Management of Proximal Tibiofibular Instability. - 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.

distal clavicle anatomy: Rockwood and Green's Fractures in Adults Charles A. Rockwood, Robert W. Bucholz, Charles M. Court-Brown, James D. Heckman, Paul Tornetta, 2010 In its thoroughly revised, updated Seventh Edition, Rockwood and Green's Fractures in Adults offers a complete print and multimedia package: the established gold-standard two-volume reference on fractures and access to an integrated content website. More than 80 of the world's foremost authorities provide comprehensive coverage of all bone and joint injuries, thoroughly discuss alternative methods for treating each injury, and present their own preferred methods. This edition has 33 new contributors and new chapters on principles of nerve injury and complex regional pain syndrome; psychological aspects of trauma; gunshot and wartime injuries; principles of mangled extremity management; amputations; limb salvage reconstruction; principles of post-traumatic infections; principles of nonunions; and principles of malunions. A companion website contains the fully searchable text, an image bank, and videos of 25 surgical procedures.

distal clavicle anatomy: The Art of the Musculoskeletal Physical Exam John G. Lane, Alberto Gobbi, João Espregueira-Mendes, Camila Cohen Kaleka, Nobuo Adachi, 2023-06-16 This book is an invaluable resource for all those seeking to enhance their proficiency in physical examination. Emphasizing its importance for thorough assessments and accurate diagnoses, it equips practitioners with comprehensive theoretical and practical knowledge. With seven sections devoted to different orthopedic structures, the book meticulously examines their underlying anatomy, pathological conditions, and diagnostic methodologies. Each author presents joint-specific tests, and detailed anatomical insights, enabling accurate assessments and identification of underlying conditions. Written and edited by members of ISAKOS, this collaboration draws upon the expertise of leading international experts. Appealing to a broad readership, it is an invaluable tool for orthopedists, sports medicine physicians, physical therapists, athletic trainers and students.

distal clavicle anatomy: Musculoskeletal Imaging Volume 1 Mihra S. Taljanovic, Imran M. Omar, Kevin B. Hoover, Tyson S. Chadaz, 2019-04-15 Musculoskeletal Imaging Volume 1 summarizes the key information related to trauma, arthritis, and tumor and tumor-like conditions. Succinct, structured overviews of each pathology are ideal for use by radiology residents during their musculoskeletal rotations and for residents, fellows, and practicing radiologists for board exam preparation or for daily clinical reference.

distal clavicle anatomy: 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.

distal clavicle anatomy: *AANA Advanced Arthroscopy: The Shoulder E-Book* Richard L. Angelo, Richard K. N. Ryu, James Esch, 2010-05-07 The Shoulder—a title in the AANA Advanced Arthroscopy series—covers advanced and emerging, state-of-the-art arthroscopic techniques—rotator cuff repairs, arthroscopic subcapularis repair, biologic augmentation devices, and more. Richard L. Angelo, MD, Richard K.N. Ryu, MD, and James Esch, MD present their expertise as premiere arthroscopic shoulder surgeons on disease specific options, managing and avoiding complications, and rehabilitation protocols...in print and online. Access the fully searchable text, along with a video library of procedures and links to PubMed online at expertconsult.com. Stay current through coverage of hot topics like rotator cuff repairs, biologic augmentation devices, proximal bicep tendon disorders, anterior and posterior instability, instability with bone loss, and revision instability surgery. Hone your skills thanks to 23 videos of techniques—on arthroscopic biceps tenodesis, arthroscopic subcapularis repair, arthroscopic rotator cuff reconstruction using acellular human dermal matrix, and more—performed by experts. See arthroscopic surgical details in full color and understand nuances through interpretative drawings of technical details. Optimize surgical results and outcomes with an emphasis on advanced and emerging arthroscopic techniques, surgical tips, and pearls.

distal clavicle anatomy: *Disorders of the Shoulder* Joseph P. Iannotti, Gerald R. Williams, 2007 Now includes a brand-new companion Website, The Iannotti & Williams Solution! Expanded to two volumes, *Disorders of the Shoulder, Second Edition* is a comprehensive, current, and authoritative clinical reference for residents, fellows, shoulder specialists, and general orthopaedic surgeons. This edition features greatly expanded coverage of arthroscopic treatment and hundreds of new full-color arthroscopic images. Arthroscopic and open techniques are integrated into all relevant disorder-specific chapters, so that readers can compare open to arthroscopic procedures and select the most effective treatment option. New chapters cover diagnosis of glenohumeral instability; management of bone and soft tissue loss in revision arthroplasty; minimally invasive techniques for proximal humeral fractures; hemiarthroplasty for proximal humeral fractures; and suprascapular and axillary nerve injuries. All clinical chapters include treatment algorithms and the authors' preferred treatment. More than 2,400 illustrations—743 in full color—complement the text. The new companion Website, The Iannotti & Williams Solution, gives you instant access to the fully searchable text, an Image Bank, featured clinical cases, and the Gaining Speed and Tricks of the Trade chapter of Burkhart's *View of the Shoulder: A Cowboy's Guide to Advanced Shoulder Arthroscopy*.

distal clavicle anatomy: *Rockwood and Wilkins Fractures in Children* Peter M. Waters, David L. Skaggs, John M. Flynn, 2019-02-11 With contributions from experts in orthopaedic surgery, the latest edition of this comprehensive resource presents up-to-date technical procedures for treating a wide range of fractures in children and adolescents. Content and chapters are easier to read than ever before. How? All clinical sections follow a templated format—as in previous editions—and now you'll find even more treatment algorithms, checklists, charts, and tables, helping you quickly identify and apply critical information in a care situation.

distal clavicle anatomy: *Handbook of Fractures* Kenneth Egol, Kenneth J. Koval, Joseph D. Zuckerman, 2012-03-28 Thoroughly updated for its Fourth Edition, this pocket-sized go-anywhere

guide is the ideal on-the-spot reference for residents and practitioners seeking fast facts on fracture management and classification. Chapters organized by anatomic site provide key information on fractures in adults and in children, including epidemiology, anatomy, mechanism of injury, clinical evaluation, radiologic evaluation, classification, treatment, and management of complications. The book's easy-access format features numerous charts, tables, diagrams, illustrations, and bulleted lists. This edition includes new and updated information on aspiration of the joints, fracture reduction, traumatic lacerations, and multiple trauma.

distal clavicle anatomy: 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 choose 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.

distal clavicle anatomy: Disorders of the Shoulder: Trauma Joseph D. Zuckerman, 2013-09-05 Fractures and dislocation of the shoulder are common, particularly fractures of the clavicle and dislocations of the acromioclavicular and glenohumeral joints. This detailed volume in the Disorders of the Shoulder set covers fractures and dislocations of the shoulder due to traumatic injury.

distal clavicle anatomy: Skeletal Trauma in Children Neil E. Green, Marc F. Swiontkowski, 2009 Front Cover -- Skeletal Trauma in Children -- Copyright Page -- Dedication Page -- Contributors -- Preface to the First Edition -- Preface to the Fourth Edition -- Acknowledgments -- Contents -- Chapter 1: Skeletal Growth, Development, and Healing as Related to Pediatric Trauma -- History, Diagnosis, and Injury Mechanisms -- Formation of Bone -- Regulation of Growth and Development -- Biology of Fracture Healing -- Physeal Fracture Healing -- Differences Between Pediatric and Adult Fracture Healing -- Classification of Children's Fractures -- Summary -- References

distal clavicle anatomy: Disorders of the Rotator Cuff and Biceps Tendon E-Book

Matthew T. Provencher, Brian J. Cole, Anthony A. Romeo, Pascal Boileau, Nikhil Verma, 2019-06-01 With a concise, expert focus on one of today's hottest topics in shoulder surgery, *Disorders of the Rotator Cuff and Biceps Tendon* provides thorough, up-to-date coverage of all aspects of this fast-changing area. This unique volume covers everything from physical examination and imaging workup to state-of-the-art treatment methodologies and clinical indications for operative techniques. Designed with the clinician in mind, it offers a comprehensive, well-illustrated approach in an easy-to-read format, supplemented by surgical videos created by leaders in the field. - Expert contributing authors describe every procedural step in a logical, methodical manner, offering clinical and technical pearls from personal experience. - Surgical techniques are written with the general orthopaedist in mind and include an emphasis on transitioning to all-arthroscopic techniques. - Coverage includes non-operative care, including an emphasis on rotator cuff and proximal biceps rehabilitation techniques, injections, and modalities. - Expert discussions include advanced arthroscopic rotator cuff repair techniques, revision surgery, and arthroplasty (hemiarthroplasty, total shoulder, and reverse shoulder arthroplasty) for failed cuff repair. - Unique! Includes salvage reconstruction techniques including tendon transfers, biologic patches, and emerging technologies. - More than 1100 high-quality illustrations include both original artwork and clinical photographs that accurately depict important aspects of each procedure for surgical management. - Before each surgical technique, quick-reference text boxes in bulleted format present guidelines for arriving at the associated diagnosis. - Ideal for orthopaedic surgeons, fellows, residents, and students in orthopaedic surgery as well as physical therapists, physician assistants and athletic trainers.

distal clavicle anatomy: Emergency Radiology: The Requisites E-Book Jorge A Soto, Brian C Lucey, 2016-02-13 Get the essential tools you need to make an accurate diagnosis in the emergency department! Part of the popular Requisites series, *Emergency Radiology: The Requisites* delivers the conceptual, factual, and interpretive information you need for effective clinical practice in emergency radiology, as well certification and recertification review. Master core knowledge the easy and affordable way with clear, concise text enhanced by at-a-glance illustrations, boxes, and tables - all revised and enhanced with digital content to bring you up to date with today's state of the art knowledge. - Presents emergent findings and differential diagnosis tables so that important content is identified clearly within the text. - Divides the contents of the book into two sections — trauma and non-trauma — to mirror the way you practice. - Organizes the material in structured, consistent chapter layouts for efficient and effective review. - Provides clinical material on radiology procedures that define your role in managing a patient with an emergent condition. - Expert Consult eBook version included with purchase. This enhanced eBook experience allows you to search all of the text, figures, images, and references from the book on a variety of devices. - Prepare for written exams or clinical practice with critical information on CTA in the ED on coronary, aorta, brain, and visceral arteries, plus new protocols for trauma and non-traumatic injuries. - Stay up to date on what's new in the field with thoroughly revised content and new, high-quality images obtained with today's best technology. - Get optimal results from today's most often-used approaches, including the increase in routine use of panscan for trauma patients. - Gain a practical, visual understanding of emergency radiology thanks to more than 900 multi-modality images and easy access to the eBook version. - Study and review in the most efficient way, with structured, consistent chapter layouts for time-saving and effective exam preparation.

distal clavicle anatomy: Operative Techniques: Orthopaedic Trauma Surgery E-Book Emil Schemitsch, Michael D. McKee, 2019-08-17 Part of the practical, highly illustrated *Operative Techniques* series, this fully revised book from Drs. Emil H. Schemitsch and Michael D. McKee brings you up to speed with must-know surgical techniques in today's technically demanding orthopaedic trauma surgery. Step-by-step, evidence-based guidance walks you through both common and unique cases you're likely to see in your practice, including upper extremity, lower extremity, spine, pelvis, and acetabulum trauma. Practical features such as pearls of wisdom, key points, and potential pitfalls detailed by the authors in order to successfully manage patients with complex fracture patterns have all been reinforced in this new edition. - Includes all-new chapters on

Acromioclavicular Joint Injuries, Sternoclavicular Joint Open Reduction and Internal Fixation, Intramedullary Fixation of Clavicle Shaft Fractures, Use of the Reamer Irrigator Aspirator (RIA) for Bone Graft Harvesting, Fractures of the Posterior Tibial Plateau, Reverse Total Shoulder Arthroplasty for Proximal Humerus Fractures, and many more. - Features high-quality line drawings, diagnostic and intraoperative images, and radiographs alongside expert technical guidance on instrumentation, placement, step-by-step instructions and more - all supported by best evidence. - Includes practical videos online to support visual understanding and implementation into practice. - A bulleted, highly templated format allows for quick understanding of surgical techniques. - Outlines positioning, exposures, instrumentation, and implants to equip you to be more thoroughly prepared for every procedure. - Offers post-operative management guidelines and discussions of expected outcomes to help you avoid mistakes and offer quality, patient-focused care. - Enhanced eBook version included with purchase, which allows you to access all of the text, figures, and references from the book on a variety of devices.

Related to distal clavicle anatomy

DISTAL Definition & Meaning - Merriam-Webster The meaning of DISTAL is situated away from the point of attachment or origin or a central point especially of the body. How to use distal in a sentence

DISTAL Definition & Meaning | Distal definition: situated away from the point of origin or attachment, as of a limb or bone; terminal.. See examples of DISTAL used in a sentence

Anatomical Terms of Location - Anterior - TeachMeAnatomy The terms proximal and distal are used in structures that are considered to have a beginning and an end (such as the upper limb, lower limb and blood vessels). They describe

Proximal vs. Distal: What's the Difference? (2025) In medical terms, distal refers to a location on the body that is farther away from the point of attachment, the center of the body, or a reference point, typically along the limbs

Proximal vs Distal (Examples, Diagram) - Nurse Money Talk On the other hand, distal is equally easy to understand when you match it to the word distant. A body part that is distal to another part is further from the central point of the body or the trunk

DISTAL | English meaning - Cambridge Dictionary A representation of a perceived or to-be-produced event is, by definition, a distal representation because it refers to a distal entity

Distal - definition of distal by The Free Dictionary distal 1. Away from the point of origin of a limb or other structure. See proximal. 2. Toward the extremities of the body

distal adjective - Definition, pictures, pronunciation and usage located away from the centre of the body or at the far end of something. Definition of distal adjective in Oxford Advanced Learner's Dictionary. Meaning, pronunciation, picture, example

Distal: MedlinePlus Medical Encyclopedia Distal refers to sites located away from a specific area, most often the center of the body. In medicine, it refers to parts of the body further away from the center. For example, the

distal - Wiktionary, the free dictionary Adjective [edit] distal m or f (plural distais) (anatomy, geology) distal (remote from the point of attachment or origin)

DISTAL Definition & Meaning - Merriam-Webster The meaning of DISTAL is situated away from the point of attachment or origin or a central point especially of the body. How to use distal in a sentence

DISTAL Definition & Meaning | Distal definition: situated away from the point of origin or attachment, as of a limb or bone; terminal.. See examples of DISTAL used in a sentence

Anatomical Terms of Location - Anterior - TeachMeAnatomy The terms proximal and distal are used in structures that are considered to have a beginning and an end (such as the upper limb, lower limb and blood vessels). They describe

Proximal vs. Distal: What's the Difference? (2025) In medical terms, distal refers to a location on the body that is farther away from the point of attachment, the center of the body, or a reference

point, typically along the limbs

Proximal vs Distal (Examples, Diagram) - Nurse Money Talk On the other hand, distal is equally easy to understand when you match it to the word distant. A body part that is distal to another part is further from the central point of the body or the trunk

DISTAL | English meaning - Cambridge Dictionary A representation of a perceived or to-be-produced event is, by definition, a distal representation because it refers to a distal entity

Distal - definition of distal by The Free Dictionary distal 1. Away from the point of origin of a limb or other structure. See proximal. 2. Toward the extremities of the body

distal adjective - Definition, pictures, pronunciation and usage notes located away from the centre of the body or at the far end of something. Definition of distal adjective in Oxford Advanced Learner's Dictionary. Meaning, pronunciation, picture, example

Distal: MedlinePlus Medical Encyclopedia Distal refers to sites located away from a specific area, most often the center of the body. In medicine, it refers to parts of the body further away from the center. For example, the

distal - Wiktionary, the free dictionary Adjective [edit] distal m or f (plural distais) (anatomy, geology) distal (remote from the point of attachment or origin)

Related to distal clavicle anatomy

What is a distal clavicle fracture and how long will it keep out Eagles quarterback Nick Foles? (NJ.com10y) It has been a week since Eagles quarterback Nick Foles went down with a fractured clavicle (collarbone) against the Houston Texans, an injury that has put Mark Sanchez into the game and Foles on the

What is a distal clavicle fracture and how long will it keep out Eagles quarterback Nick Foles? (NJ.com10y) It has been a week since Eagles quarterback Nick Foles went down with a fractured clavicle (collarbone) against the Houston Texans, an injury that has put Mark Sanchez into the game and Foles on the

Clavicle Fractures: Why Surgical Intervention Works (Medscape19y) The clavicle links the upper extremity to the appendicular skeleton and is stabilized by a series of strong ligaments medially and laterally. In the United States, clavicle fractures account for 5% of

Clavicle Fractures: Why Surgical Intervention Works (Medscape19y) The clavicle links the upper extremity to the appendicular skeleton and is stabilized by a series of strong ligaments medially and laterally. In the United States, clavicle fractures account for 5% of

Rigid internal fixation of displaced midshaft clavicle fractures (Healio14y) The treatment of displaced clavicle fractures has historically been mostly nonoperative. However, several recent peer-reviewed clinical outcome studies have demonstrated a significantly higher

Rigid internal fixation of displaced midshaft clavicle fractures (Healio14y) The treatment of displaced clavicle fractures has historically been mostly nonoperative. However, several recent peer-reviewed clinical outcome studies have demonstrated a significantly higher

Variation of the Arthroscopic Mumford Procedure for Resecting the Distal Clavicle (Medscape3mon) Fifty-seven patients had arthroscopic Mumford procedures for acromioclavicular (AC) pain unresponsive to conservative treatment. Thirty-nine of these patients had concomitant rotator cuff repairs. All

Variation of the Arthroscopic Mumford Procedure for Resecting the Distal Clavicle (Medscape3mon) Fifty-seven patients had arthroscopic Mumford procedures for acromioclavicular (AC) pain unresponsive to conservative treatment. Thirty-nine of these patients had concomitant rotator cuff repairs. All

The Management of Simple Fracture of the Clavicle in Adults (The New England Journal of Medicine1mon) ANY consideration of injury to the clavicle must take into account certain fundamentals. In the first place, absence of the clavicle is not incompatible with normal function of the shoulder girdle

The Management of Simple Fracture of the Clavicle in Adults (The New England Journal of

Medicine1mon) ANY consideration of injury to the clavicle must take into account certain fundamentals. In the first place, absence of the clavicle is not incompatible with normal function of the shoulder girdle

Back to Home: <https://ns2.kelisto.es>