clavicle x ray anatomy

clavicle x ray anatomy is a crucial aspect of radiology, particularly in understanding the skeletal system's upper body structure. This article delves into the intricate details of clavicle x-ray anatomy, providing insights into the anatomical features of the clavicle, its surrounding structures, and the significance of x-ray imaging in diagnosing clavicular injuries or abnormalities. The clavicle, or collarbone, plays a vital role in shoulder mobility and stability, making its x-ray analysis essential for healthcare professionals. We will explore the anatomy of the clavicle, the techniques used for x-rays, common pathologies associated with the clavicle, and the interpretation of clavicle x-ray images. This comprehensive guide aims to equip readers with a thorough understanding of clavicle x-ray anatomy and its clinical implications.

Introduction to Clavicle Anatomy

The clavicle is a slender, S-shaped bone located at the base of the neck, connecting the arm to the body. Its primary function is to provide structural support to the shoulder and facilitate arm movement. The clavicle articulates with two major bones: the sternum at its medial end and the scapula at its lateral end. Understanding the anatomy of the clavicle is essential for interpreting x-ray images accurately, as various anatomical landmarks can indicate specific injuries or conditions.

Anatomically, the clavicle consists of three main segments: the medial (sternal) end, the lateral (acromial) end, and the body (shaft) of the clavicle. The medial end is rounded and connects to the sternum, forming the sternoclavicular joint. The lateral end is flattened and articulates with the acromion of the scapula at the acromioclavicular joint. The body of the clavicle is slightly curved, providing strength and flexibility to the bone.

Key Anatomical Features of the Clavicle

To thoroughly understand clavicle x-ray anatomy, one must recognize several key anatomical features:

- **Sternal End:** The rounded portion that connects to the sternum, crucial for stability.
- **Acromial End:** The flat end that articulates with the acromion of the scapula, facilitating shoulder movement.
- **Clavicular Shaft:** The long, curved part of the clavicle, which bears weight during arm movements.
- **Conoid Tubercle:** A small bump on the clavicle's inferior surface, serving as a muscle attachment point.
- **Trapezoid Line:** A ridge near the conoid tubercle, also for muscle attachment.

Understanding Clavicle Positioning for X-Rays

Proper positioning during a clavicle x-ray is essential for obtaining clear and diagnostic images. The standard views for clavicle x-rays include the anteroposterior (AP) view and the axial view. Each view provides different insights into the clavicle's anatomy and any potential injuries.

Standard X-Ray Views

The primary x-ray views for evaluating the clavicle are:

- **AP View:** This view captures the clavicle in a straight-on position, allowing for assessment of its alignment and curvature.
- **Axial View:** Taken with the patient’s arm elevated, this view provides a clearer perspective of the lateral end of the clavicle and any potential fractures.

Positioning Techniques

To achieve optimal imaging, specific positioning techniques are employed:

- The patient is usually positioned in a supine or sitting position for the AP view.

- For the axial view, the patient's arm is raised to minimize superimposition of the shoulder structure over the clavicle.
- Proper centering of the x-ray beam is critical to ensure that both ends of the clavicle are adequately visualized.

Common Clavicle Pathologies

Several pathologies can affect the clavicle, and understanding these conditions is vital for accurate diagnosis through x-ray imaging. The most common clavicle injuries include fractures, dislocations, and congenital anomalies.

Clavicle Fractures

Fractures of the clavicle are among the most prevalent injuries, particularly in children and athletes. They often occur due to falls or direct trauma. The classification of clavicle fractures is typically based on their location:

- **Medial Fractures:** Involves the sternal end and can lead to complications due to proximity to vital structures.
- **Middle Third Fractures:** The most common type, often resulting from falls.
- **Lateral Fractures:** Involves the acromial end and may affect shoulder stability.

Clavicle Dislocations

Dislocations can occur at either the sternoclavicular or acromioclavicular joints. These injuries may present with swelling, pain, and a noticeable deformity, making prompt imaging essential for diagnosis and treatment planning.

Interpreting Clavicle X-Ray Images

Interpreting clavicle x-ray images requires a keen understanding of normal anatomy and the ability to identify abnormalities. Radiologists assess clavicle images by examining alignment, bone density, and the presence of any lesions or fractures.

Key Aspects of Image Interpretation

When interpreting clavicle x-rays, radiologists focus on the following:

- **Alignment:** Assessing the straightness of the clavicle and the alignment of both ends with their respective joints.
- **Bone Density:** Evaluating for signs of osteoporosis or other conditions affecting bone quality.
- **Fracture Lines:** Identifying any discontinuities in the bone that may indicate a fracture.

Clinical Significance of Clavicle X-Rays

The clinical significance of clavicle x-rays cannot be overstated. These images play a fundamental role in diagnosing injuries, planning treatment, and monitoring recovery. Understanding the anatomy and potential pathologies of the clavicle enables healthcare professionals to provide effective and timely care.

In emergency settings, rapid interpretation of clavicle x-rays helps in determining the need for surgical intervention, especially in cases of severe fractures or dislocations. Furthermore, x-rays can guide rehabilitation strategies by assessing healing progress over time.

Conclusion

Clavicle x-ray anatomy provides essential insights into the skeletal structure of the upper body and is critical for diagnosing various conditions affecting this bone. With a thorough understanding of clavicle anatomy, proper x-ray positioning, common pathologies, and effective image interpretation, healthcare professionals can enhance patient care. As radiology continues to advance, the role of x-rays in evaluating clavicle injuries remains vital in ensuring optimal treatment outcomes.

Q: What is the significance of clavicle x-ray anatomy in medical imaging?

A: Clavicle x-ray anatomy is significant because it aids in diagnosing injuries and conditions affecting the clavicle, allowing for timely and appropriate treatment interventions.

Q: How is a clavicle fracture diagnosed through x-ray?

A: Clavicle fractures are diagnosed through x-ray by identifying discontinuities in the bone structure,

assessing alignment, and evaluating the location and type of the fracture.

Q: What are the typical views taken during a clavicle x-ray?

A: The typical views taken during a clavicle x-ray include the anteroposterior (AP) view and the axial view, each providing different perspectives of the clavicle.

Q: What are the common causes of clavicle injuries?

A: Common causes of clavicle injuries include falls, direct trauma from sports activities, and accidents, which can lead to fractures or dislocations.

Q: What anatomical landmarks should be identified in a clavicle x-ray?

A: Key anatomical landmarks in a clavicle x-ray include the sternal end, acromial end, clavicular shaft, conoid tubercle, and trapezoid line.

Q: Can clavicle x-rays identify conditions other than fractures?

A: Yes, clavicle x-rays can also identify conditions such as dislocations, congenital anomalies, and signs of bone diseases like osteoporosis.

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

A: The conoid tubercle serves as a muscle attachment point, which is important for shoulder stability and movement.

Q: What should be considered when interpreting clavicle x-ray images?

A: When interpreting clavicle x-ray images, key considerations include bone alignment, density, and the presence of any fractures or lesions.

Q: How do clavicle injuries affect shoulder mobility?

A: Clavicle injuries can significantly impair shoulder mobility due to pain, instability, and altered biomechanics, necessitating careful management and rehabilitation.

Clavicle X Ray Anatomy

clavicle x ray anatomy: X-Ray Anatomy George Simon, W. J. Hamilton, 2013-10-22 X-Ray Anatomy describes as well as illustrates the elementary and advanced radiological anatomy. This book presents the radiograph of the various parts of the human body, including the head, neck, upper limb, lower limb, abdomen, thorax, and the vertebral column. Organized into eight chapters, this book begins with an overview of the four classical methods of inspection, percussion, palpation, and auscultation. This text then describes the structure of the human skeleton, including its physical properties and its appearance in the radiograph. Other chapters consider the surface contours and skeletal landmarks of the shoulder and arm. This book discusses as well the condition of spina bifida, which is accompanied by anomalies of the spinal cord. The final chapter deals with several diagrams showing the radiographs of the larynx, the skull, as well as the ventricular system of the brain. This book is a valuable resource for radiologists, physicians, surgeons, and internists.

clavicle x ray anatomy: *Clinical Atlas of Bone SPECT/CT* Tim Van den Wyngaert, Gopinath Gnanasegaran, Klaus Strobel, 2024-02-24 This clinical atlas is a comprehensive reference work on bone and joint disorders that can be characterized and assessed with hybrid bone SPECT/CT. It is structured according to the major joints and regions of the skeletal system, including spine, shoulder and elbow, hand and wrist, pelvis and hip, knee, and foot and ankle. For each region, the annotated normal X-ray and cross-sectional anatomy is presented, followed by a general introduction to the most common pathologies and frequent surgical procedures. Optimal bone SPECT/CT acquisition parameters are summarized and pre- and postoperative conditions are then discussed with the aid of informative clinical case vignettes featuring not only bone SPECT/CT images but also correlative findings on other imaging modalities. For every case, teaching points highlighting need-to-know findings and common pitfalls are presented. The book concludes with two dedicated chapters covering bone SPECT/CT imaging in sports injuries and oncology. Featuring many high-quality illustrations, Clinical Atlas of Bone SPECT/CT will be an invaluable resource for all nuclear medicine physicians. It is published as part of the SpringerReference program, which delivers access to living editions constantly updated through a dynamic peer-review publishing process.

clavicle x ray anatomy: United States Army X-ray Specialist Course , 1986

clavicle x ray anatomy: essentials of skeletal radiology ,

clavicle x ray anatomy: Chest X-Ray in Clinical Practice Rita Joarder, Neil Crundwell, 2009-07-21 The chest radiograph is a very commonly requested examination and is probably the hardest plain film to interpret correctly. This book provides a logical framework for the initial assessment of the chest X-ray and thus enables a proper diagnosis.

clavicle x ray 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.

clavicle x ray anatomy: *Radiology at a Glance* Rajat Chowdhury, Iain Wilson, Christopher Rofe, Graham Lloyd-Jones, 2017-09-08 Radiology at a Glance The market-leading at a Glance series is popular among healthcare students, and newly qualified practitioners for its concise and simple approach and excellent illustrations. Each bite-sized chapter is covered in a double-page spread with clear, easy-to-follow diagrams, supported by succinct explanatory text. Covering a wide range of topics, books in the at a Glance series are ideal as introductory texts for teaching, learning and revision, and are useful throughout university and beyond. Everything you need to know about Radiology... at a Glance! Addressing the basic concepts of radiological physics and radiation protection, together with a structured approach to image interpretation, Radiology at a Glance is the perfect guide for medical students, junior doctors and radiologists. Covering the radiology of plain films, fluoroscopy, CT, MRI, intervention, nuclear medicine and mammography, this edition has been fully updated to reflect advances in the field and now contains new spreads on cardiac, breast and bowel imaging, as well as further information on interventional radiology. Radiology at a Glance: Assumes no prior knowledge of radiology Addresses both theory and clinical practice through theoretical and case-based chapters Provides structured help in assessing which radiological procedures are most appropriate for specific clinical problems Includes increased image clarity Supported by ‘classic cases’ chapters in each section, and presented in a clear and concise format, Radiology at a Glance is easily accessible whether on the ward or as a quick revision guide. For more information on the complete range of Wiley medical student and junior doctor publishing, please visit: www.wileymedicaleducation.com To receive automatic updates on Wiley books and journals, join our email list. Sign up today at www.wiley.com/email All content reviewed by students for students Wiley Medical Education books are designed exactly for their intended audience. All of our books are developed in collaboration with students. This means that our books are always published with you, the student, in mind. If you would like to be one of our student reviewers, go to www.reviewmedicalbooks.com to find out more. This title is also available as an e-book. For more details, please see www.wiley.com/buy/9781118914779

clavicle x ray anatomy: Brogdon's Forensic Radiology Mr. Rohit Manglik, 2024-03-09 EduGorilla Publication is a trusted name in the education sector, committed to empowering learners with high-quality study materials and resources. Specializing in competitive exams and academic support, EduGorilla provides comprehensive and well-structured content tailored to meet the needs of students across various streams and levels.

clavicle x ray anatomy: Learning Radiology William Herring, 2011-04-14 Learning Radiology: Recognizing the Basics, 2nd Edition, is an image-filled, practical, and clinical introduction to this integral part of the diagnostic process. William Herring, MD, a skilled radiology teacher, masterfully covers everything you need to know to effectively interpret medical images. Learn the latest on ultrasound, MRI, CT, and more, in a time-friendly format with brief, bulleted text and abundant high-quality images. Then ensure your mastery of the material with additional online content, bonus images, and self-assessment exercises at www.studentconsult.com. Identify a wide range of common and uncommon conditions based upon their imaging findings. Quickly grasp the fundamentals you need to know through easy-access bulleted text and more than 700 images. Arrive at diagnoses by following a pattern recognition approach, and logically overcome difficult diagnostic challenges with the aid of decision trees. Learn from the best, as Dr. Herring is both a skilled radiology teacher and the host of his own specialty website, www.learningradiology.com. Easily master the fundamental principles of MRI, ultrasound, and CT with new chapters that cover principles of each modality and the recognition of normal and abnormal findings. Know the basics and be more confident when interpreting diagnostic imaging studies

clavicle x ray anatomy: Fundamentals of Orthopedics Mukul Mohindra, Jitesh Kumar Jain, 2017-12-31 This book is a complete guide to orthopaedics for undergraduate medical students helping them prepare for both theory and practical examinations. Beginning with an introduction to the field, the following sections cover the diagnosis and management of different disorders. The second edition has been fully revised to provide students with the latest information and includes a new chapter on sports injuries and rehabilitation. Each topic includes a summary of the key points and the book features a practice session of multiple choice questions and answers. The text is highly illustrated with more than 1300 clinical photographs, radiological images, diagrams and tables and concludes with a picture quiz to help students prepare for image-based examination questions. Key points Complete guide to orthopaedics for undergraduate medical students Fully revised, second edition featuring new chapter on sports injuries and rehabilitation Includes practice session of multiple choice questions and picture quiz Previous edition (9789351529576) published in 2016

clavicle x ray anatomy: The British Journal of Radiology , 1896

clavicle x ray anatomy: Emergency Radiology Jorge A. Soto, Brian C. Lucey, 2009-01-01 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.

clavicle x ray anatomy: *Medical Journal of Australia* , 1929

clavicle x ray anatomy: Normal Radiologic Patterns and Variances of the Human Skeleton Rudolf Birkner, 1978

clavicle x ray anatomy: Shoulder and Elbow Trauma William N Levine, Edwin R Cadet, Christopher S Ahmad, 2012-07-23 Provides an up-to-date, definitive 'how-to' reference for the diagnosis and management of fractures of both the shoulder and elbow joints.

clavicle x ray anatomy: Musculoskeletal Imaging: The Requisites E-Book B. J. Manaster, David A. May, David G. Disler, 2013-03-01 Musculoskeletal Imaging: The Requisites, 4th Edition delivers the conceptual, factual, and interpretive information you need for effective clinical practice in musculoskeletal imaging, as well as for 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 completely rewritten to bring you up to date. Find key information easily with numerous outlines, tables, pearls, and boxed material for easy reading and reference. Get the best results from today's most technologically advanced approaches, including new uses of MR and ultrasound for early diagnosis and monitoring of inflammatory arthritis. Prepare for the written board exam and for clinical practice with critical information on femoroacetabular

impingement, arthrography, hip replacement, cartilage tumors, bone marrow imaging (including focal and diffuse replacement), and sports medicine (including athletic pubalgia/sports hernia). Stay up to date on soft tissue tumors with significantly expanded content, illustrated tumor-specific findings, and new AJCC staging and diagnostic information. Clearly visualize the findings you're likely to see in practice and on exams with 300 new MRI, CT, ultrasound, and x-ray images throughout.

clavicle x ray anatomy: Rockwood and Matsen's The Shoulder E-Book Frederick A. Matsen, Frank A. Cordasco, John W. Sperling, Steven B. Lippitt, 2021-06-12 For 30 years, Rockwood and Matsen's The Shoulder has been the definitive leading reference for the evaluation and management of shoulder disorders. The 6th Edition continues the tradition of excellence with close oversight by world-renowned shoulder surgeon senior editor Frederick A. Matsen III along with co-editors Frank A. Cordasco, John W. Sperling and expert contributing authors from around the world. This comprehensive volume reflects current knowledge and pioneering techniques in its extensively revised and updated text, illustrations, and procedural videos, and features new Opinion Editorials and a new, easy-to-follow organization and layout. Shoulder surgeons of all levels, as well as residents, students, therapists, and basic scientists, will benefit from this must-have reference on all aspects of the shoulder. - Provides how-to guidance on the full range of both tried-and-true and recent surgical techniques, including both current arthroscopic methods and the latest approaches in arthroplasty. - Presents content in a new, easy-to-digest format with a restructured table of contents and an updated chapter layout for faster, more intuitive navigation. - Features 17 new Opinion Editorial chapters authored by key international thought leaders in shoulder and upper limb orthopaedics who were given free rein to discuss a topic of great personal importance. Sample topics include Revision Shoulder Arthroplasty: Tips to Facilitate Component Removal and Reconstruction and Use and Abuse of the Latarjet Procedure. - Contains new and updated content on instability repair, cuff repair, fracture management, and infection and outcome assessment, as well as greatly expanded coverage of arthroscopy. - Includes more than 60 updated video clips that provide step-by-step guidance on key procedures, as well as 2,200 full-color illustrations, x-rays, scans, and intraoperative photographs. - Offers scientifically based coverage of shoulder function and dysfunction to aid in the decision-making process. - Extends viewpoints on different procedures with expert opinions from international authorities, including dissenting and alternative views. - 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.

clavicle x ray anatomy: *Video Atlas of Shoulder Surgery* Peter D McCann, 2013-03-31 This video atlas contains six DVD ROMs demonstrating techniques in shoulder surgery. Divided into nine sections, the atlas begins with an introduction to general set up, followed by surgical procedures for different shoulder conditions – arthroscopic and open instability and rotator cuff, biceps tendon, glenohumeral arthritis, fractures and miscellaneous conditions. The videos feature both routine and complex procedures, and include a written summary to assist understanding. New techniques are discussed as well as updated procedures for more traditional surgery. An internationally recognised author team has contributed to this video atlas. The editor in chief, Peter D McCann, is the chief editor of the American Journal of Orthopedics. Key points Comprehensive video atlas demonstrating numerous new and traditional routine and complex techniques for shoulder surgery Each chapter includes written summary to help explain video Internationally recognised author team Editor in chief, Peter D McCann is chief editor of American Journal of Orthopedics

clavicle x ray anatomy: Understanding Anesthetic Equipment & Procedures Dwarkadas K Baheti, Vandana V Laheri, 2018-03-31 This new edition presents practising and trainee anaesthesiologists with the latest advances and guidelines in their field. Beginning with an introduction to the history of anaesthesia, basic physics, and medical gases, the following sections cover the anaesthesia machine, airway and monitoring equipment, and apparatus for central neuraxial and regional blocks. The final chapters discuss interpretation of radiological images, simulators in anaesthesia, maintenance, safety and cleaning; and more. The second edition has been

fully revised to provide up to date information and a clear understanding of practices and techniques for anaesthesia. The book features clinical photographs and diagrams and includes two interactive DVD ROMs demonstrating and explain day to day anaesthetic procedures. Key points Fully revised, new edition presenting latest techniques and information in anaesthesia Covers all different aspects of equipment in depth Includes DVD ROMs demonstrating anaesthetic procedures Previous edition (9789351521242) published in 2014

clavicle x ray anatomy: *Orthopedics in Disasters* Nikolaj Wolfson, Alexander Lerner, Leonid Roshal, 2016-05-30 This book is the first to address specifically the mechanisms and treatment of orthopedic injuries due to natural disasters and other mass casualty events. Casualty management is discussed in a range of contexts, from earthquakes and tsunamis to terror attacks and combat situations. Organizational aspects are addressed, general treatment principles are documented, and the management of a variety of orthopedic injuries is described with the aid of numerous illustrations. The book will serve as an invaluable source of practical knowledge for a broad spectrum of medical and other staff, including emergency personnel, orthopedic and trauma surgeons, general practitioners, medical students, and professionals working for the military, government bodies, and NGOs.

Related to clavicle x ray anatomy

Clavicle - Wikipedia The clavicle, collarbone, or keybone is a slender, S-shaped long bone approximately 6 inches (15 cm) long [1] that serves as a strut between the shoulder blade and the sternum (breastbone)

Clavicle (Collarbone): Location & Anatomy - Cleveland Clinic What is a clavicle? Your clavicle (collarbone) is a long, slightly curved bone that connects your arm to your body. You'll find one on both sides of the base of your neck. The bones help keep

The Clavicle - Functions - Landmarks - Fractures - TeachMeAnatomy The clavicle (collarbone) extends between the manubrium of the sternum and the acromion of the scapula. It is classed as a long bone and can be palpated along its length

Clavicle Fracture (Broken Collarbone) - OrthoInfo - AAOS A clavicle fracture is a break in the collarbone, one of the main bones in the shoulder girdle and chest. This type of fracture accounts for about 5% of all adult fractures

Clavicle Anatomy and Function - Verywell Health Clavicle Bone Anatomy The clavicle is considered a long bone, since it's longer than it is wide. Long bones have two main parts. The diaphysis is the central part of the bone

Clavicle (Collarbone) - Location, Anatomy, & Labeled Diagram The clavicle, commonly known as the collarbone, is a slender, S-shaped, modified long bone located at the base of the neck. It is the only long bone of the body that lies

Clavicle | Definition, Anatomy, & Function | Britannica clavicle, curved anterior bone of the shoulder (pectoral) girdle in vertebrates; it functions as a strut to support the shoulder. The clavicle is present in mammals with prehensile forelimbs and in

Clavicle: Anatomy and clinical notes | Kenhub The clavicle is an elongated, S-shaped bone that rests horizontally at the sternum across the upper part of the ribcage, and the acromial end of the scapula

Clavicle - Structure, Anatomy, Location, Function, Diagram The clavicle, commonly known as the collarbone, is a long, slender bone that connects the shoulder girdle to the axial skeleton. It is S-shaped and acts as a strut to support

Anatomy, Shoulder and Upper Limb, Clavicle - StatPearls - NCBI The clavicle is a sigmoid-shaped long bone with a convex surface along its medial end when observed from cephalad position. It serves as a connection between the axial and