

posterolateral knee anatomy

posterolateral knee anatomy is a complex and crucial area of the human body that plays a significant role in movement and stability. Understanding the intricacies of this anatomical region is essential for medical professionals, athletes, and anyone interested in knee health. The posterolateral corner (PLC) of the knee includes various structures, such as ligaments, tendons, and muscles, which contribute to the knee's overall function and stability. This article will delve into the components of the posterolateral knee anatomy, their functions, common injuries, and treatment options. Additionally, we will explore the importance of this region in athletic performance and rehabilitation.

- Introduction to Posterolateral Knee Anatomy
- Anatomical Structures of the Posterolateral Knee
- Functions of the Posterolateral Structures
- Common Injuries in the Posterolateral Knee
- Diagnostic Techniques for Posterolateral Knee Injuries
- Treatment Options for Posterolateral Knee Injuries
- Rehabilitation and Recovery
- Conclusion
- FAQ

Anatomical Structures of the Posterolateral Knee

The posterolateral corner of the knee is composed of several critical structures that work together to provide stability and support. Key components include ligaments, tendons, and the joint capsule. Understanding these structures is fundamental to grasping how the knee functions and the implications of injuries in this area.

Ligaments

The primary ligaments in the posterolateral corner include:

- **Fibular Collateral Ligament (FCL):** This ligament runs from the femur to the fibula, providing lateral stability to the knee.

- **Posterior Cruciate Ligament (PCL):** While primarily located in the center of the knee, the PCL plays a role in posterolateral stability by preventing posterior translation of the tibia.
- **Popliteofibular Ligament:** This ligament connects the femur to the fibula and reinforces the posterolateral corner.

Tendons and Muscles

Several tendons and muscles contribute to the functionality of the posterolateral knee:

- **Popliteus Muscle:** This small muscle is crucial for knee flexion and unlocking the knee from extension.
- **Biceps Femoris Tendon:** Part of the hamstring group, this tendon assists in knee flexion and stabilization.

Functions of the Posterolateral Structures

The structures within the posterolateral corner of the knee serve several vital functions that are essential for proper knee mechanics. The integrity and functionality of these components are crucial for maintaining knee stability, particularly during dynamic movements.

Stability and Support

The posterolateral structures provide lateral stability to the knee joint, particularly during activities that involve cutting or pivoting. This stability is essential for preventing excessive movement that can lead to injuries. The FCL and other ligaments resist varus stress, which is a force that pushes the knee inward.

Knee Movement

These structures also facilitate smooth movement of the knee joint. The popliteus muscle, for instance, is vital for initiating knee flexion and ensuring proper tracking of the knee joint during motion. Additionally, the interaction between the ligaments and tendons allows for coordinated movements essential for athletic performance.

Common Injuries in the Posterolateral Knee

Injuries to the posterolateral corner can occur due to trauma, overuse, or improper mechanics. Understanding the common injuries in this area is essential for effective diagnosis and treatment.

Types of Injuries

Common injuries that affect the posterolateral knee include:

- **Ligament Sprains:** These can occur when the knee is subjected to excessive stress, leading to partial or complete tears of the FCL or other ligaments.
- **Meniscus Tears:** The lateral meniscus is particularly susceptible to injury in the context of posterolateral instability.
- **Popliteus Strain:** Overstretching or overuse of the popliteus muscle can lead to strains, affecting knee function.

Symptoms of Posterolateral Knee Injuries

Individuals with injuries to the posterolateral knee may experience:

- Pain and tenderness on the outer side of the knee
- Swelling and inflammation
- Instability or a feeling of giving way
- Difficulty in bearing weight or moving the knee

Diagnostic Techniques for Posterolateral Knee Injuries

Accurate diagnosis of posterolateral knee injuries is crucial for effective treatment. Various diagnostic techniques are employed to assess the extent of injury and to formulate a treatment plan.

Physical Examination

A thorough physical examination by a healthcare professional is often the first step. The clinician will assess the knee's range of motion, stability, and any signs of swelling or tenderness.

Imaging Techniques

Imaging studies are commonly used to confirm diagnoses and assess the severity of injuries. Common imaging techniques include:

- **X-rays:** Useful for ruling out fractures or bone-related issues.
- **Magnetic Resonance Imaging (MRI):** Provides detailed images of soft tissues, ligaments, and cartilage, essential for evaluating injuries in the posterolateral region.

Treatment Options for Posterolateral Knee Injuries

Effective treatment of posterolateral knee injuries depends on the specific structures involved and the severity of the injury. Treatment options can be conservative or surgical.

Conservative Treatments

Initial treatment often involves conservative measures, which may include:

- **Rest and Ice:** Reducing activity and applying ice to minimize swelling.
- **Physical Therapy:** A structured rehabilitation program to strengthen surrounding muscles and improve stability.
- **Bracing:** Using braces to support the knee during recovery.

Surgical Options

In cases of severe injuries, surgical intervention may be necessary. Surgical options can include:

- **Ligament Reconstruction:** Repairing or reconstructing torn ligaments.
- **Meniscus Repair:** Surgical repair of torn meniscal tissue.

Rehabilitation and Recovery

The rehabilitation process is critical for recovery from posterolateral knee injuries. A well-structured rehabilitation program can help restore function and prevent re-injury.

Rehabilitation Goals

The primary goals of rehabilitation include:

- Reducing pain and swelling
- Restoring range of motion
- Rebuilding strength and stability
- Gradually returning to activities and sports

Phases of Rehabilitation

Rehabilitation typically progresses through various phases:

- **Initial Phase:** Focus on reducing pain and swelling, often through rest and gentle movements.
- **Strengthening Phase:** Incorporating exercises to strengthen the knee and surrounding muscles.
- **Functional Phase:** Gradual return to sport-specific activities, emphasizing agility and stability.

Conclusion

Understanding posterolateral knee anatomy is essential for recognizing the complexities of knee

function and the implications of injuries in this area. The intricate network of ligaments, tendons, and muscles plays a pivotal role in maintaining knee stability and facilitating movement. Awareness of common injuries and their treatment options, ranging from conservative measures to surgical interventions, is vital for effective management and rehabilitation. As research and sports science continue to evolve, so too will our understanding of this critical region, leading to improved outcomes for those affected by posterolateral knee injuries.

Q: What is the posterolateral corner of the knee?

A: The posterolateral corner of the knee is a complex anatomical region that includes various ligaments, tendons, and muscles. It plays a vital role in stabilizing the knee, particularly during lateral movements and activities that require pivoting.

Q: What are the major ligaments involved in posterolateral knee anatomy?

A: The major ligaments involved in posterolateral knee anatomy include the Fibular Collateral Ligament (FCL), the Posterior Cruciate Ligament (PCL), and the Popliteofibular Ligament. These ligaments provide stability and support to the knee joint.

Q: What types of injuries are common in the posterolateral knee?

A: Common injuries in the posterolateral knee include ligament sprains, meniscus tears, and popliteus strains. These injuries often result from trauma, overuse, or improper biomechanics during physical activity.

Q: How are posterolateral knee injuries diagnosed?

A: Posterolateral knee injuries are diagnosed through a combination of physical examinations and imaging techniques such as X-rays and MRI scans, which help assess the extent of the injury and the involved structures.

Q: What are the conservative treatment options for posterolateral knee injuries?

A: Conservative treatment options include rest, ice application, physical therapy, and bracing. These methods aim to reduce pain and swelling while promoting healing and restoring knee function.

Q: When is surgery necessary for posterolateral knee injuries?

A: Surgery may be necessary for severe injuries involving complete ligament tears or significant meniscal damage that cannot be effectively treated through conservative means.

Q: What are the rehabilitation goals after a posterolateral knee injury?

A: Rehabilitation goals include reducing pain and swelling, restoring range of motion, rebuilding strength, and gradually returning to sports and activities, ensuring a safe and effective recovery.

Q: How long does recovery take for posterolateral knee injuries?

A: Recovery time varies depending on the severity of the injury and the treatment approach. Conservative management may take several weeks, while surgical recovery can extend to several months, often requiring a structured rehabilitation program.

Q: Can posterolateral knee injuries affect athletic performance?

A: Yes, injuries in the posterolateral corner can significantly impact athletic performance by limiting knee stability, range of motion, and strength, which are crucial for activities involving cutting, pivoting, and running.

Q: Is it possible to prevent posterolateral knee injuries?

A: While not all injuries can be prevented, strengthening the muscles around the knee, improving flexibility, using proper techniques during sports, and wearing appropriate footwear can help reduce the risk of posterolateral knee injuries.

Posterolateral Knee Anatomy

Find other PDF articles:

<https://ns2.kelisto.es/business-suggest-006/pdf?trackid=UNG22-8281&title=business-empire-insignia.pdf>

posterolateral knee anatomy: *Posterolateral Knee Injuries* Robert F. LaPrade, 2006 Covers the expansion in knee treatment options with the methods for diagnosis, treatment, and reconstruction of the knee. This book also offers evaluation and testing techniques, relevant anatomy and biomechanics, and extended discussion of rehabilitative methods and possible complications.

posterolateral knee anatomy: Clinical Anatomy of the Knee Murat Bozkurt, Halil İbrahim Açar, 2021-05-13 This book provides detailed information on functional anatomy, physical examination, and clinical radiology of the knee with a view to enabling the clinician to identify the most suitable treatment approach to different knee joint pathologies. In addition, the arthroscopic treatment techniques most frequently employed in patients with these conditions are described, with

presentation of numerous arthroscopic images detailing characteristic findings. Knee joint pathologies today represent a significant challenge owing to the complexity of the injuries suffered, rising activity levels, and high patient expectations. A proper physical examination plays an important role in diagnosis. The surgeon who has the opportunity to conduct a clinical evaluation must fully understand the role of radiological evaluations, and assessment by a radiology expert is also necessary. In all cases, knowledge of the normal anatomy and its correlation with clinical and radiological findings is fundamental to correct diagnosis and treatment selection. Surgeons and trainees with an interest in knee joint pathologies will find this book to be an excellent, richly illustrated educational guide to the subject.

posterolateral knee anatomy: The Knee Joint Michel Bonnin, Ned Annunziato Amendola, Johan Bellemans, Steven J. MacDonald, Jacques Menetrey, 2013-07-04 Pushed by the progress of biology, technology and biomechanics, knee surgery has dramatically evolved in the last decades. This book is a state of the art concerning all aspects of knee surgery from ligament reconstruction to Total Knee Arthroplasty. An international panel of renowned authors have worked on this didactic fully illustrated book. It will help young surgeons to understand basic sciences and modern surgical techniques. The experienced surgeon will find help to deal with difficult cases and clarifications in recent technologic advances such as cartilage surgery, navigation and mini invasive surgery.

posterolateral knee anatomy: Turek's Orthopaedics Principles and Their Applications Anil K. Jain, 2016-01-01 Now in its revised, updated Seventh edition, this text provides residents and medical students with a broad overview of adult and pediatric orthopaedics. Major sections focus on general and regional disorders of the musculoskeletal system.

posterolateral knee anatomy: Imaging of the Lower Extremity, An Issue of Radiologic Clinics of North America Kathryn J. Stevens, 2013-05-28 This issue discusses imaging techniques for common and important lower extremity injuries and conditions. Femoral acetabular impingement, soft tissue pathology around the hip, meniscal injuries and imaging the postoperative meniscus, the neglected corners of the knee (posterolateral / posteromedial corner injuries), the extensor mechanism from top to bottom, cysts and bursa around the knee, ligamentous injuries of the ankle and foot, medial longitudinal arch of the foot, ankle impingement syndromes, imaging of the forefoot, overuse injuries of the lower extremity, imaging of total hip and knee arthroplasties are all reviewed. Additionally, the application of advanced imaging techniques in evaluation of the lower extremity is discussed.

posterolateral knee anatomy: Insall & Scott Surgery of the Knee E-Book W. Norman Scott, 2017-02-10 Insall & Scott Surgery of the Knee by Dr. W. Norman Scott remains the definitive choice for guidance on the most effective approaches for the diagnosis and management of the entire scope of knee disorders. This edition reflects a complete content overhaul, with more than 50 new chapters and over 400 contributors from around the world. The video program includes 70 new video clips, while new and expanded material covers a range of hot topics, including same-day surgery and hospital management of knee arthroplasty patients and anesthesia specific for knee surgery. - Extensive visual elements and video program include nearly 70 new videos -- over 230 in total - as well as a Glossary of Implants featuring 160 demonstrative pictures. - Over 50 new chapters and brand-new sections on Same Day Surgery and Hospital Management of Knee Arthroplasty Patients; Quality and Payment Paradigms for TKA; Anesthesia Specific for Knee Surgery; and Preoperative Assessment, Perioperative Management, and Postoperative Pain Control. - An expanded Adult Reconstruction Section informs readers about Enhanced Primary Revision and the treatment of Peri-prosthetic fractures in TKA. - Includes enhanced worldwide approaches for all aspects of disorders of the knee from nearly 400 contributors worldwide. - Boasts updated pediatric knee considerations and updated tumor surgery principles for the treatment of tumors about the knee. - Expert Consult eBook version included with purchase. This enhanced eBook experience allows you to search all of the text, figures, images, videos (including video updates), glossary, and references from the book on a variety of devices.

posterolateral knee anatomy: AANA Advanced Arthroscopy: The Knee Robert E. Hunter,

Nicholas A. Sgaglione, 2010-07-06 AANA Advanced Arthroscopy: The Knee, by Robert E. Hunter, MD and Nicholas A. Sgaglione, MD, helps you make the most effective use of advanced and emerging, state-of-the-art arthroscopic techniques for managing a wide range of knee problems. Premier arthroscopic surgeons discuss disease-specific options, managing and avoiding complications, and rehabilitation protocols. in print and online. 14 videos demonstrate tibial plateau fracture management system, anteromedial tibial tubercle transfer, osteochondral allograft for a femoral condyle defect, anatomic single bundle ACL reconstruction, anatomic reconstruction of the posterolateral corner, and more. 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 Chondrocyte Transplantation Techniques, Proximal Tibial Osteotomy, Anatomic Single Bundle ACL Reconstruction, Single Bundle PCL Reconstruction, Inlay PCL Reconstruction, and Anatomic Reconstruction of the Posterolateral Corner. Hone your skills thanks to 14 videos of techniques-on Tibial Plateau Fracture Management System, Anteromedial Tibial Tubercle Transfer, Osteochondral Allograft for a Femoral Condyle Defect, Anatomic Single Bundle ACL Reconstruction, Anatomic Reconstruction of the Posterolateral Corner, 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.

posterolateral knee anatomy: MRI of the Knee, An Issue of Magnetic Resonance Imaging Clinics of North America Kirkland W. Davis, 2014-11-13 This issue, edited by Dr. Kirkland Davis, will comprehensively review imaging of the knee. Articles will include: Magnetic Resonance Imaging of the Meniscus; MRI of Cruciate Ligaments; Magnetic Resonance Imaging of the Extensor Mechanism; Quantitative Magnetic Resonance Imaging of the Articular Cartilage of the Knee Joint; Magnetic Resonance Imaging of the Pediatric Knee; MRI of Extra-Synovial Inflammation and Impingement about the Knee; A Biomechanical Approach to Interpreting MRI of Knee Injuries; MRI Assessment of Arthritis of the Knee; MRI of the Post-Operative Meniscus; MR Imaging of Cartilage Repair Procedures; Imaging the Knee in the Setting of Metal Hardware, and more!

posterolateral knee anatomy: Soft Tissue Balancing in Total Knee Arthroplasty Shuichi Matsuda, Sébastien Lustig, Willem van der Merwe, 2017-05-02 In this booklet, experts from across the world, including members of the ISAKOS Knee Arthroplasty Committee, offer clear, up-to-date guidance on all aspects of soft tissue or ligament balancing in primary total knee arthroplasty with the aim of enabling the reader to achieve optimal patient outcomes. After an introduction explaining the normal soft tissue condition in the native knee, surgical procedures are described, including techniques for the management of severe deformity. The most striking feature of the booklet, however, is the many pages devoted to the accurate evaluation and clinical relevance of ligament balancing. Different techniques and devices for intraoperative soft tissue assessment are discussed, highlighting, for example, the use of gap-measuring devices or trial liners with load-bearing sensors to achieve more objective evaluation. Above all, special attention is devoted to the crucial issue of the impact of intraoperative soft tissue balance on postoperative results. In the closing chapter, very experienced surgeons introduce intraoperative troubleshooting in order to assist successful completion of arthroplasty.

posterolateral knee anatomy: Noyes' Knee Disorders: Surgery, Rehabilitation, Clinical Outcomes E-Book Frank R. Noyes, 2016-02-02 Frank R. Noyes, MD - internationally-renowned knee surgeon and orthopaedic sports medicine specialist - presents this unparalleled resource on the diagnosis, management, and outcomes analysis for the full range of complex knee disorders. - Relies on Dr. Noyes' meticulous clinical studies and outcomes data from peer-reviewed publications as a scientifically valid foundation for patient care. - Features detailed post-operative rehabilitation programs and protocols so that you can apply proven techniques and ease your patients' progression from one phase to the next. - Presents step-by-step descriptions on soft tissue knee repair and reconstruction for anterior cruciate ligament reconstruction, meniscus repair, soft tissue transplants, osseous malalignments, articular cartilage restoration, posterior cruciate ligament

reconstruction, and more to provide you with guidance for the management of any patient. - Contains today's most comprehensive and advanced coverage of ACL, PCL, posterolateral, unicompartmental knee replacement, return to sports after injury, along with 1500 new study references supporting treatment recommendations. - Features all-new content on unicompartmental and patellofemoral knee replacement, updated operative procedures for posterior cruciate ligament and posterolateral ligament deficiency, updated postoperative rehabilitation protocols, and new information on cartilage restoration procedures and meniscus transplantation. - Includes some of the most comprehensive and advanced discussions on arthrofibrosis, complex regional pain syndrome, tibial and femoral osteotomies, and posterolateral reconstructions available in modern published literature. - Covers gender disparities in ligament injuries for more effective analysis and management. - Includes access to 46 outstanding videos encompassing nearly 11 hours of surgery, live patient rounds, and live presentations. - 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.

posterolateral knee anatomy: MRI of the Knee Nicolae V. Bolog, Gustav Andreisek, Erika J. Ulbrich, 2015-01-30 This book is divided into chapters that cover MRI of all structures of the knee joint in the order that is usually used in practice – cruciate ligaments, collateral ligaments, menisci, cartilage, subchondral bone, patella, synovia, muscles and tendons, arteries, veins and bones. With the aid of numerous images, each chapter provides comprehensive descriptions of the anatomy, the normal MR appearance, pathological MR findings, and postoperative MRI appearance. A text box at the end of each chapter clearly describes how the MRI report should be compiled and identifies what should be included when reporting on specific lesions. The book will be an ideal guide for radiologists and will also be relevant for orthopaedic surgeons, rheumatologists, and physiotherapists.

posterolateral knee anatomy: L'arthroscopie du genou Société Francophone D'Arthroscopie, Christel Conso, 2023-01-10 Parmi les nombreuses actions que mène la Société Francophone d'Arthroscopie (SFA), figure en bonne place la formation continue des arthroscopistes en devenir mais aussi celle des chirurgiens plus expérimentés. Devant les succès de l'ouvrage L'Arthroscopie et afin de répondre à l'évolution des pratiques spécifiques dans ce domaine, la SFA a souhaité décliner les articulations dans des volumes séparés. Ce cinquième volume est consacré à l'arthroscopie du genou, en augmentation croissante, et accorde une large place à toutes les évolutions touchant à cette articulation : pathologie synoviale et cartilagineuse, pathologie méniscale et pathologie ligamentaire (et appareil extenseur). Un nombre important de lésions – pathologiques ou traumatologiques – sont abordées tout au long de cet ouvrage : • les lésions ou déchirures des ménisques • les entorses des ligaments croisés • les reconstructions du ligament croisé • les lésions dues aux accidents du sport • les lésions traumatiques du cartilage • l'arthrose • les maladies ou arthrites inflammatoires • les infections ou arthrites septiques du genou Le contenu, exhaustif et didactique, est enrichi de plus de 400 illustrations (dessins anatomiques et clichés d'arthroscopie) et d'une quarantaine de vidéos afin d'approcher au plus près la réalité du geste chirurgical. Cet ouvrage s'adresse à tous les chirurgiens orthopédistes, jeunes praticiens et praticiens confirmés

posterolateral knee anatomy: Sports Medicine Anthony A. Schepesis, Brian D. Busconi, 2006 Written by surgeons who are noted teachers, this volume of our Orthopaedic Surgery Essentials Series presents all the information residents need during sports medicine rotations. It can easily be read cover to cover during a rotation or used for quick reference before a patient workup or operation. The user-friendly, visually stimulating format features ample illustrations, algorithms, bulleted lists, charts, and tables. The book begins with physical examination, non-surgical topics, and principles of arthroscopic surgery and proceeds to specific sports injuries at each anatomic site. Coverage of each injury includes surgical anatomy, diagnosis, imaging, indications for surgery, techniques, and complications.

posterolateral knee anatomy: Posterior Cruciate Ligament Injuries Gregory C. Fanelli, MD, 2015-02-27 Now in a revised and expanded second edition including ten new chapters, this

classic text on the diagnosis and management of posterior cruciate ligament injuries represents the state of the art. Comprehensive and used-friendly, the book covers PCL anatomy and biomechanics, diagnosis and evaluation, and both surgical and non-surgical treatment strategies. Surgical chapters discuss graft selection and open and arthroscopic techniques, including both primary and revision surgery and combined reconstruction with other knee ligaments. New chapters illustrate cutting-edge and advanced surgical techniques in reconstruction and primary repair, articular cartilage resurfacing and meniscus transplant in the PCL injured knee, mechanical graft tensioning, the role of osteotomy, treatment of PCL injuries in children, results of treatment and outcomes data in PCL injuries, clinical case studies, and the editor's experience chapter based on 24 years of treating PCL injuries. Complications, bracing and rehabilitation round out the presentation. Written and edited by leaders in the management of injuries to the knee, this will be an invaluable text for orthopedic surgeons and sports medicine practitioners alike.

posterolateral knee anatomy: Musculoskeletal Imaging E-Book Thomas Pope, Hans L. Bloem, Javier Beltran, William B. Morrison, David John Wilson, 2014-11-03 In its fully revised and updated second edition, Musculoskeletal Imaging covers every aspect of musculoskeletal radiology. This medical reference book incorporates the latest diagnostic modalities and interventional techniques, as well as must-read topics such as hip, groin and cartilage imaging; newly described impingements; and new concepts in the hip including teres ligament pathology. This publication is a key title in the popular Expert Radiology Series, which delivers evidence-based expert guidance from around the globe. Fully understand each topic with a format that delivers essential background information. Streamline the decision-making process with integrated protocols, classic signs, and ACR guidelines, as well as a design that structures every chapter consistently to include pathophysiology, imaging techniques, imaging findings, differential diagnosis, and treatment options. Write the most comprehensive reports possible with help from boxes highlighting what the referring physician needs to know, as well as suggestions for treatment and future imaging studies. Access in-depth case studies, valuable appendices, and additional chapters covering all of the most important musculoskeletal procedures performed today. Quickly locate important information with a full-color design that includes color-coded tables and bulleted lists highlighting key concepts, as well as color artwork that lets you easily find critical anatomic views of diseases and injuries. Engage with more than 40 brand-new videos, including arthroscopic videos. Easily comprehend complicated topics with over 5,000 images and new animations. Explore integrated clinical perspectives on the newest modalities such as PET-CT in cancer, diffusion MR, as well as ultrasonography, fusion imaging, multi-slice CT and nuclear medicine. Learn from team of international experts provides a variety of evidence-based guidance, including the pros and cons of each modality, to help you overcome difficult challenges. Consult this title on your favorite e-reader.

posterolateral knee anatomy: The ACL-Deficient Knee Vicente Sanchis-Alfonso, Joan Carles Monllau, 2012-12-18 This book approaches the ACL deficient knee from a different perspective than those of the previous classical ways. The common approach is the analysis of closed compartments; anatomy, biomechanics, physical findings, imaging, surgical treatment and rehabilitation. The approach of this book is completely opposite, focusing on questions, controversies, problem analyses and problem solving, besides analyzing the possibility of prevention. Therefore, in each chapter, the biomechanics, anatomy, and other areas that are relevant to the topic are reviewed. There are chapters where highly specialized surgical techniques are presented (acute ACL repair, double bundle reconstruction, chondral lesions treatment or meniscal transplant). These chapters are written by internationally renowned specialists that are pioneers in the topic analyzed. Another interesting aspect of this book are the step by step surgical techniques videos, that will allow a knee specialist to perform the technique presented by the author. Moreover, the videos will include anatomy and physical therapy techniques.

posterolateral knee anatomy: Hospital for Special Surgery Orthopaedics Manual Thomas P. Sculco, Moe R. Lim, Andrew D. Pearle, Anil S. Ranawat, 2012-12-22 This book has nine chapters of accurate, relevant, and, most important, high-yield orthopaedic facts, organized by the

subspecialties--Provided by publisher.

posterolateral knee anatomy: Musculoskeletal MRI Asif Saifuddin, 2008-04-25 Covering the entire musculoskeletal system, and all conditions - both common and rare - Musculoskeletal MRI is an extensive yet accessible guide for use in the clinical setting. Heavily illustrated with high quality images, the information is presented in an easy to digest bullet-point format, providing the radiologist with all the information required to make an informed diagnosis. The book is divided by body part (shoulder, knee, spine etc.), and each chapter begins with a section on technical considerations. The body part is then subdivided into smaller areas, and descriptions and pictures of the normal anatomy are provided. These are each followed by a comprehensive, illustrated listing of the various pathologies for each area. The text is supplemented by an invaluable differential diagnosis listing, and is further enhanced by very thorough referencing. Comprehensive and user-friendly in its approach, Musculoskeletal MRI will provide every radiologist, both consultant and trainee, with increased confidence in their reporting.

posterolateral knee anatomy: Complications in Orthopaedics: Sports Medicine E-Book Stephen R. Thompson, Matthew Schmitz, 2020-07-29 One of the hallmarks of a master surgeon is the ability to navigate a wide variety of inevitable difficult situations in surgery, whether errors in judgment, technical mistakes, or unavoidable outcomes. Complications in Orthopaedic Surgery is a new series designed to provide real-world guidance on recognizing and avoiding errors, as well as how to course-correct during surgery. In this inaugural volume dedicated to sports medicine surgery, series editor Dr. Stephen R. Thompson and Dr. Matthew Schmitz describe and demonstrate practical solutions that are integral to improving patient outcomes. - Covers a wide variety of procedures, including meniscus repair and transplantation, revision ACL reconstruction, pediatric ACL surgery, cartilage surgery in adults and children, knee osteotomies, acromioclavicular surgery, hip arthroscopy, and much more. - Describes and offers solutions to the most common or most devastating errors and complications in the practice of sports medicine surgery, combining the breadth of knowledge of academic surgeons with the in-the-trenches skills of community surgeons. - Uses an easy-to-follow, standardized chapter format that covers preoperative errors, intraoperative issues, and postoperative complications. - Includes procedural video clips to reinforce discussions in the text. - Features a full-color design with numerous photographs, radiographs, and illustrations. - 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.

posterolateral knee anatomy: Harris & Harris' Radiology of Emergency Medicine Thomas L. Pope, John H. Harris, Jr., 2012-10-22 A comprehensive reference for emergency radiology and an unsurpassed source of practical information about imaging of the acutely ill and injured patients. While the focus remains on conventional, plain-film radiography--still the most commonly performed examinations in emergency and trauma settings--substantial coverage is given to MRI, CT (including for blunt abdominal & thoracic trauma), CT angiography (for lower & upper extremities and esp. for gunshot wounds) in the emergency dept., and ultrasound. This fifth edition--despite that it's been more than ten years since the fourth--remains the gold standard of texts on emergency radiology, with appeal both to radiologists and emergency medicine specialists.

Related to posterolateral knee anatomy

POSTEROLATERAL Definition & Meaning - Merriam-Webster The meaning of POSTEROLATERAL is posterior and lateral in position or direction. How to use posterolateral in a sentence

POSTEROLATERAL definition | Cambridge English Dictionary Add to word list situated on the side and toward the back of the body: posterolateral knee pain (Definition of posterolateral from the Cambridge Advanced Learner's Dictionary & Thesaurus ©

Posterolateral | definition of posterolateral by Medical dictionary Meaning of posterolateral medical term. What does posterolateral mean?

Posterolateral tract - Wikipedia It is present throughout the spinal cord, and is most developed in

the upper cervical regions. The posterolateral tract contains centrally projecting axons from dorsal root ganglion cells carrying

Posterolateral Corner Injury - Knee & Sports - Orthobullets Posterolateral corner (PLC) injuries are traumatic knee injuries that are associated with lateral knee instability and usually present with a concomitant cruciate ligament injury

Posterolateral artery - Clinical Anatomy The posterolateral artery, also known as the "retroventricular artery" is one of the two terminal branches of the right coronary artery. The other terminal branch is the posterior

POSTEROLATERAL definition and meaning | Collins English Clinically, patients present with posterolateral knee pain, edema, and limited knee extension

posterolateral - Wiktionary, the free dictionary posterolateral (not comparable) (anatomy) Situated on the side and toward the posterior aspect

Posterolateral and lateral: Learn the difference between these However, posterolateral is more specific, referring to a location that is towards the back and to the side of the body, while lateral can refer to any position or direction that is to the side of the body

Posterolateral Spinal Fusion Explained Step-by-Step - Spine-health A posterolateral spinal fusion surgery takes around 1 to 3 hours, depending on the number of levels fused, the need for additional procedures, and the type of bone graft used. This surgery

POSTEROLATERAL Definition & Meaning - Merriam-Webster The meaning of POSTEROLATERAL is posterior and lateral in position or direction. How to use posterolateral in a sentence

POSTEROLATERAL definition | Cambridge English Dictionary Add to word list situated on the side and toward the back of the body: posterolateral knee pain (Definition of posterolateral from the Cambridge Advanced Learner's Dictionary & Thesaurus ©

Posterolateral | definition of posterolateral by Medical dictionary Meaning of posterolateral medical term. What does posterolateral mean?

Posterolateral tract - Wikipedia It is present throughout the spinal cord, and is most developed in the upper cervical regions. The posterolateral tract contains centrally projecting axons from dorsal root ganglion cells carrying

Posterolateral Corner Injury - Knee & Sports - Orthobullets Posterolateral corner (PLC) injuries are traumatic knee injuries that are associated with lateral knee instability and usually present with a concomitant cruciate ligament injury

Posterolateral artery - Clinical Anatomy The posterolateral artery, also known as the "retroventricular artery" is one of the two terminal branches of the right coronary artery. The other terminal branch is the posterior

POSTEROLATERAL definition and meaning | Collins English Clinically, patients present with posterolateral knee pain, edema, and limited knee extension

posterolateral - Wiktionary, the free dictionary posterolateral (not comparable) (anatomy) Situated on the side and toward the posterior aspect

Posterolateral and lateral: Learn the difference between these However, posterolateral is more specific, referring to a location that is towards the back and to the side of the body, while lateral can refer to any position or direction that is to the side of the body

Posterolateral Spinal Fusion Explained Step-by-Step - Spine-health A posterolateral spinal fusion surgery takes around 1 to 3 hours, depending on the number of levels fused, the need for additional procedures, and the type of bone graft used. This surgery