



Advanced reconstruction : knee

<https://libcat.nshealth.ca/en/permalink/provcat24807>

Call Number: WE 870 A244 2011
Author: Lieberman, Jay R
Corporate Author: Knee Society
Other Authors: Berry, Daniel J
Azar, Frederick M
Place of Publication: Rosemont, IL
Publisher: American Academy of Orthopaedic Surgeons
Date of Publication: 2011
Physical Description: 817 p. + 1 DVD
ISBN: 9780892034529
Subjects (MeSH): Knee Injuries - surgery
Knee - surgery
Knee Joint - surgery
Arthroplasty - methods
Format: Book
Location: Halifax Infirmary
Loan Period: 3 weeks



Anterior knee pain and patellar instability

<https://libcat.nshealth.ca/en/permalink/provcat29239>

Available Online: View e-Book
Other Authors: Sanchis-Alfonso, Vicente
Edition: 2nd ed.
Place of Publication: London
Publisher: Springer-Verlag
Date of Publication: c2011
ISBN: 9780857295071
Subjects (MeSH): Knee - physiopathology
Knee Injuries - surgery
Patella - surgery
Subjects (LCSH): Orthopedic surgery
Format: e-Book
Location: Online



Articular Cartilage Defects of the Knee : Diagnosis and Treatment

<https://libcat.nshealth.ca/en/permalink/provcat31268>

- Available Online: View e-Book
- Other Authors: Rodríguez-Merchán, E. Carlos
- Responsibility: E. Carlos Rodríguez-Merchán, editor
- Place of Publication: Milan
- Publisher: Springer
- Date of Publication: c2012
- Physical Description: 1 online resource (vi, 117 p. : 44 ill., 26 ill. in color)
- ISBN: 9788847027275
- Subjects (MeSH): Cartilage Diseases - surgery
Cartilage, Articular - surgery
Knee Injuries - surgery
Knee Joint - surgery
Orthopedic Procedures - methods
- Subjects (LCSH): Radiology, Medical
Orthopedics
Orthopedic surgery
- Abstract: This book reviews current knowledge on the diagnosis and treatment (surgical and non-surgical) of cartilage defects at the knee joint. In the discussion of diagnosis, the focus is primarily on imaging findings, particularly those obtained with MRI. The remainder of the book is devoted to the full range of current conservative and surgical treatments, with attention to both treatment indications and results as reported in the recent literature. In reviewing non-surgical treatment, oral and intra-articular medical management is evaluated and rehabilitation and physical therapy are also considered. The three main types of surgical technique—microfracture surgery and similar procedures, mosaicplasty and related techniques, and autologous chondrocyte transplantation—are then extensively discussed in a series of highly informative chapters. This book will be of great practical value for clinicians, assisting in daily decision making.
- Contents: Regeneration of Articular Cartilage of the Knee: Basic Concepts – Articular Cartilage Defects of the Knee: Diagnosis and Treatment – Imaging Techniques of Articular Cartilage – Refixation of Detached Fragments – Debridement, Joint Lavage and Cartilage Shaving – Drilling, Abrasion and Microfractures – Osteochondral Transplantation and Mosaicplasty – Autologous Chondrocyte Implantation – Alignment Osteotomies – Rehabilitation of Chondral Lesions of the Knee – Medical Treatment: Intra-articular Injections of Hyaluronic Acid.
- Format: e-Book
- Location: Online



Combined posterolateral corner repair with ACL reconstruction

<https://libcat.nshealth.ca/en/permalink/provcat34220>

Call Number: WE 870 R824c 2005 CD-ROM
Author: Ross, Glen
Other Authors: American Academy of Orthopaedic Surgeons Annual Meeting (2005 : Washington, DC)
Other Authors: Choi, Kellen
DeConciliis, Greg
Place of Publication: [Rosemont, IL]
Publisher: American Academy of Orthopaedic Surgeons
Date of Publication: 2005
Physical Description: 1 CD-ROM
Subjects (MeSH): Knee Joint - surgery
Knee Injuries - surgery
Orthopedic Procedures - methods
Format: CD-ROM
Location: Halifax Infirmary
Loan Period: 3 weeks



ESSKA Instructional Course Lecture Book : Amsterdam 2014

<https://libcat.nshealth.ca/en/permalink/provcat39648>

Available Online: View e-Book
Corporate Author: European Society of Sports Traumatology Knee Surgery and Arthroscopy
Other Authors: ESSKA Congress (16th : 2014 : Amsterdam)
Other Authors: Zaffagnini, Stefano
Becker, Roland
Kerkhoffs, Gino M.M.J
Espregueira Mendes, João
Dijk, C. Niek van
Responsibility: Stefano Zaffagnini, Roland Becker, Gino M.M.J. Kerkhoffs, João Espregueira Mendes, C. Niek van Dijk, editors
Place of Publication: Berlin, Heidelberg
Publisher: Springer ; ESSKA
Date of Publication: c2014
Physical Description: 1 online resource (ix, 324 p. : 151 illus., 92 illus. in color)
ISBN: 9783642539831
9783642539824 (print ed.)

Subjects (MeSH):	Arthroscopy - methods Knee Injuries - surgery Knee Joint - surgery Orthopedic Procedures Traumatology
Abstract:	This book provides an update on a wide variety of hot topics in the field of knee surgery, sports trauma, and arthroscopy, covering the latest developments in basic science and clinical and surgical methods. It comprises the Instructional Course Lectures delivered at the 16th ESSKA Congress, which was held in Amsterdam during May 2014 and brought together the world's leading orthopaedic and sports physicians. The contributions are all written by European and international experts in their field. Each lecture has a practical focus and provides an up-to-date synthesis of core knowledge on the subject in question with the aid of high-quality illustrations. Take home messages and key recommendations are highlighted. This book will be of value to practitioners and researchers alike.
Contents:	Part I. Instructional Courses: Upper Limb – 1. Osteoarthritis in Young Patients and Current Treatments – 2. Shoulder Pathology in Sports – 3. Management of Failed Traumatic Anterior Instability Repair – 4. Elbow Arthroscopy: From Basic to Advance – Part II. Instructional Courses: Lower Limb – 5. 3D Anatomy Versus Arthroscopy Versus Navigation – 6. ICL: Anatomy of the ACL and Reconstruction – 7. How to Address Multi-ligament Injuries? – 8. How to Share Guidelines in Daily Practice on Meniscus Repair, Degenerate Meniscal Lesion, and Meniscectomy – 9. The Medial Patellofemoral Ligament – 10. ICL-15 Cartilage Lesion and the Patellofemoral Joint – 11. ICL 16: Subchondral Bone and Reason for Surgery – 12. Hip Arthroscopy: Basis From Access to Repair in Femoroacetabular Impingement – 13. Achilles Tendon Rupture Treatment: Still a Weak Spot? – 14. Tips and Pitfalls in Unicompartamental Knee Arthroplasty (UKA) – Part III. Instructional Courses: Education – 15. How to Do Proper Research – 16. Arthroscopic Simulation in Skills Training: European Initiatives – Part IV. Orthopaedic Sports Medicine Review Course – 17. Upper Limb Injuries in Athletes – 18. Lower Limb – 19. Head, Low-Back and Muscle Injuries in Athletes: PRP and Stem Cells in Sports-Related Diseases.
Format:	e-Book
Location:	Online



ESSKA Instructional Course Lecture Book : Barcelona 2016

<https://libcat.nshealth.ca/en/permalink/provcat40374>

Available Online:	View e-Book
Corporate Author:	European Society of Sports Traumatology Knee Surgery and Arthroscopy
Other Authors:	ESSKA Congress (17th : 2016 : Barcelona)

Other Authors:	Becker, Roland Kerkhoffs, Gino M.M.J E. Gelber, Pablo Denti, Matteo Seil, Romain
Responsibility:	Roland Becker, Gino M.M.J. Kerkhoffs, Pablo E. Gelber, Matteo Denti, Romain Seil, editors
Place of Publication:	Berlin, Heidelberg
Publisher:	Springer ; ESSKA
Date of Publication:	c2016
Physical Description:	1 online resource (xv, 239 p. : 109 illus., 74 illus. in color)
ISBN:	9783662491140 9783662491133 (print ed.)
Subjects (MeSH):	Arthroscopy - methods Knee Injuries - surgery Knee Joint - surgery Orthopedic Procedures Traumatology
Abstract:	This book, comprising the Instructional Course Lectures delivered at the 17th ESSKA Congress in Barcelona in 2016, provides an excellent update on current scientific and clinical knowledge in the field of Orthopaedics and Sports Traumatology. A variety of interesting and controversial topics relating to the shoulder, elbow, hip, knee, and foot are addressed, all of which are very relevant to the daily practice of orthopaedic surgeons. The coverage includes a number of open questions, such as: How should complications be handled during rotator cuff surgery? What errors may occur during anterior cruciate ligament surgery? How much attention must be paid to meniscal root tears? Do we now understand the pathology of osteoarthritis sufficiently well and do we always identify the most successful treatment for our patients? All of the contributions are written by well-known experts from across the world. The presentations will enable the reader to gain a better understanding of pathologies and may permit more individualized treatment of patients. The book will be of interest to clinicians and researchers alike.
Contents:	1. Management of PCL Injuries (ICL 1) – 2. Biceps Tendinopathy (ICL 2) – 3. Recent Advances in Cartilage Repair (ICL 3) – 4. Common Errors in ACL Surgery (ICL 4 – 5 Stress Fractures in Sport (ICL 5) – 6. Meniscal Root Tears (ICL 6) – 7. Ankle Instability (ICL 7) – 8. Proximal Hamstring Injuries (ICL 8) – 9. Posterolateral Corner Reconstruction: Approach to Treatment Including Mini-open and Arthroscopic Techniques (ICL 10) – 10. How to Identify the Optimal Surgical Intervention for Your Osteoarthritic Patient (ICL 11) – 11. Update in Labral Treatment of the Hip (ICL 12) – 12. Evaluation and Surgical Decision- Making in Elbow Instability (ICL 13) – 13 Peroneal Tendon Disorders (ICL 14) – 14. Posterior Shoulder Instability (ICL 15) – 15. Posterior Compartment of the Ankle Joint: A Focus on Arthroscopic Treatment (ICL 17) – 16. Bony Defects in Revision ACL Surgery (ICL 19) – 17. Elbow Arthroscopy: From Basic to Advance (ICL 20) – 18. Complications in Rotator Cuff Treatment (ICL 21) – 19. Clinical Utility of Diagnostic Ultrasound in Athletes with Tendinopathy (ICL 22) – 20. How to Make a Video (ICL 23).

Format: e-Book
Location: Online



ESSKA Instructional Course Lecture Book : Geneva 2012

<https://libcat.nshealth.ca/en/permalink/provcat31187>

Available Online: View e-Book

Corporate Author: European Society of Sports Traumatology Knee Surgery and Arthroscopy

Other Authors: ESSKA Congress (15th : 2012 : Geneva)

Other Authors: Menetrey, Jacques

Responsibility: Jacques Menetrey ... [et al.], editors

Place of Publication: Berlin, Heidelberg

Publisher: Springer

Date of Publication: c2012

Physical Description: 1 online resource (viii, 293 p. : 145 ill., 102 ill. in color)

ISBN: 9783642294464

Subjects (MeSH): Arthroscopy - methods
Knee Injuries - surgery
Knee Joint - surgery
Orthopedic Procedures
Traumatology

Subjects (LCSH): Orthopedic surgery

Abstract: This book contains a collection of instructional course lectures given during the 15th ESSKA (European Society of Sports Traumatology, Knee Surgery and Arthroscopy) Congress, held in Geneva during May 2012. The lectures cover a wide range of hot topics in the field, including diverse injuries and management techniques. Each lecture has a practical focus and provides an up-to-date synthesis of core knowledge on the subject in question with the aid of high-quality illustrations. Take home messages and key recommendations are highlighted. This book will be of value to practitioners and researchers alike

Contents: 1. Tips and Tricks in Arthroscopic Surgery – 2. Management and Consequences of the Rotator Cuff Calcific Tendinopathy – 3. Biceps Pathology, Global Visions, Evaluation, and Treatment Option – 4. Unicompartmental Knee Arthroplasty in Medial Osteoarthritis: The Basics – 5. Instructional Course Lecture Posterior Ankle Arthroscopy: What Are the Limits? – 6. Anatomy – Biomechanics – Novel Imaging of the Native PCL – 7. Revision Anterior Cruciate Ligament – 8. Massive Rotator Cuff Tears and Rotator Cuff Arthropathy – 9. Multiple Ligament Injury Management – 10. Osteotomy: The Basics – 11. Study Design and Research Methodology in Sports Medicine – 12. Wrist Arthroscopy in Traumatic and Post-Traumatic Injuries – 13. Lateral Compartment Injury of the Knee – 14. Cartilage Committee Seminar: Algorithms and Flowcharts for the Treatment of Cartilage Pathology – 15. Total Knee Arthroplasty: The Basics, Surgical Technique to Get Your Total Knee Arthroplasty Right – 16. Elbow Arthroscopy – 17. Navigation in Orthopaedic Sports Medicine – Index.

Format: e-Book
Location: Online



Fractures Around the Knee

<https://libcat.nshealth.ca/en/permalink/provcat40107>

Available Online: View e-Book
Other Authors: Castoldi, Filippo
Bonasia, Davide Edoardo
Responsibility: Filippo Castoldi, Davide Edoardo Bonasia, editors
Place of Publication: Cham
Publisher: Springer
Date of Publication: c2016
Physical Description: 1 online resource (vi, 161 p. : 85 illus., 48 illus. in color)
Series Title: Fracture Management Joint by Joint
ISBN: 9783319288062
9783319288048 (print ed.)
ISSN: 2364-3250
Subjects (MeSH): Arthroplasty, Replacement, Knee
Femoral Fractures - surgery
Knee Injuries - surgery
Knee Prosthesis
Tibial Fractures - surgery

Abstract:	This comprehensive book is more than a complete reference on knee fractures and associated injuries: it is also a decision-making and surgical guide that will assist trauma, knee, sports medicine, and total joint surgeons in planning and executing specific procedures for different traumatic conditions of the knee. Each chapter addresses a particular condition and its management, explaining the traumatic mechanism and preoperative workup and then describing in detail the surgical steps, from patient positioning to the postoperative regimen. Guidance is also provided on complications and their management, and to complete the coverage, results from the relevant literature are described. The authors are world-renowned experts keen to share their knowledge and expertise regarding specific traumatic conditions of the knee. Both experienced surgeons and orthopedic residents will find this book to be an invaluable tool that will improve their practice when dealing with knee fractures.
Contents:	1. Patellar fractures – 2. Tibial Eminence Fractures – 3. Management of distal femoral fractures (Extraarticular) – 4. Management of distal femoral fractures (Intraarticular) – 5. Management of simple proximal tibia fractures (Schatzker type I-IV) – 6. Management of complex proximal tibia fractures (Schatzker type V and VI) – 7. Total knee replacement as initial treatment of knee fractures – 8. Floating knee – 9. Periprosthetic fractures – 10. Management of the complications following fractures around the knee (Infection and Non-union) – 11. Management of the complications following fractures around the knee (Malalignment and unicompartmental arthritis) – 12. Management of the complications following fractures around the knee (post-traumatic bi-tricompartmental arthritis).
Format:	e-Book
Location:	Online



Insall & Scott surgery of the knee

<https://libcat.nshealth.ca/en/permalink/provcat31804>

Available Online: View e-Book

Other Authors: Scott, W. Norman
Insall, John N

Responsibility: editor-in-chief, W. Norman Scott ; associate editors, David R. Diduch, Richard Iorio, William J. Long

Edition: 6th ed.

Alternate Title: Insall and Scott surgery of the knee
Surgery of the knee

Place of Publication: Philadelphia, PA

Publisher: Elsevier

Date of Publication: c2018

Physical Description: 1 online resource

ISBN: 9780323400466 (electronic bk.)

Subjects (MeSH): Arthroplasty
Knee Injuries - surgery
Knee - surgery
Ligaments, articular - injuries

Subjects (LCSH): Knee - Surgery
Knee - surgery
Arthroplasty
Knee Injuries - surgery
Ligaments, Articular - injuries

Access: Registration required for PDF access.

Format: e-Book

Location: Online



Knee Arthroscopy

<https://libcat.nshealth.ca/en/permalink/provcat28847>

Available Online: View e-Book
Author: Richmond, John C
Other Authors: Bono, James V
McKeon, Brian P
Responsibility: edited by John C. Richmond, James V. Bono, Brian P. McKeon
Place of Publication: New York, NY
Publisher: Springer-Verlag
Date of Publication: c2009
ISBN: 9780387895048
Subjects (MeSH): Arthroscopy
Knee Injuries - surgery
Knee Joint - surgery
Subjects (LCSH): Orthopedic surgery
Format: e-Book
Location: Online



The Knee Joint : Surgical Techniques and Strategies

<https://libcat.nshealth.ca/en/permalink/provcat40868>

Available Online: View e-Book

Author: Bonnin, Michel

Other Authors: Amendola, Annunziato
Bellemans, Johan
MacDonald, Steven
Ménétreay, Jacques

Responsibility: [edited by] Michel Bonnin, Annunziato Amendola, Johan Bellemans, Steven MacDonald, Jacques Ménétreay

Place of Publication: Paris

Publisher: Springer

Date of Publication: c2012

Physical Description: 1 online resource (xx, 1079 p. : ill.)

ISBN: 9782287993534
9782287993527 (print ed.)

Subjects (MeSH): Anterior Cruciate Ligament - injuries
Anterior Cruciate Ligament Reconstruction
Arthroplasty, Replacement, Knee
Knee Injuries - surgery
Knee Joint - surgery

Abstract: 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.

Contents: I. The Traumatic Knee – Basic Sciences – Clinical Basis – The Menisci – The ACL – The PCL – Bicurciate injuries and dislocations – Patello-femoral joint – II. The Degenerative Knee – Osteoarthritis of the patello-femoral joint – Indications in osteoarthritis of the femoro-tibial joint – Osteotomy around the knee – Unicondylar knee arthroplasty – III. Primary Total Knee Arthroplasty – Design and concept in TKA – Surgical techniques – The Patella in TKA – Navigation in TKA – Results in Primary TKA – Difficulties in Primary TKA – Failures and Revision in TKA.

Format: e-Book

Location: Online



Knee ligament injuries : extraarticular surgical techniques

<https://libcat.nshealth.ca/en/permalink/provcat34021>

Available Online: View e-Book

Other Authors: Rossi, Roberto
Margheritini, Fabrizio

Responsibility: Roberto Rossi, Fabrizio Margheritini, editors

Place of Publication: Milan

Publisher: Springer

Date of Publication: c2014

Physical Description: 1 online resource (x, 184 pages)

ISBN: 9788847055131 (electronic bk.)
9788847055124

Subjects (MeSH): Anterior Cruciate Ligament Reconstruction - methods
Knee Injuries - surgery
Knee Joint - surgery
Ligaments, articular - surgery

Subjects (LCSH): Knee - Surgery
Ligaments - Wounds and injuries

Abstract: Knee ligament injuries are very common and are frequently sports related, although they may arise from trauma experienced during everyday activities. This book provides in-depth descriptions of the extra articular surgical techniques that may be employed when performing ligament reconstruction in patients with injuries involving the posterolateral and posteromedial corners of the knee. It is intended as a practical, how to manual that will be of value for both the trainee and the more experienced surgeon. Many of the techniques relate to the central pivot of the knee, i.e. the anterior and posterior cruciate ligaments. For each technique, indications, presurgical planning, postsurgical follow-up and complications are discussed in addition to the surgical details. Numerous tips and pearls are provided and the techniques are clearly depicted in informative high-quality illustrations.

Contents: What Is New in Knee Surgery? – Anatomy and Biomechanics – Acute Medial and Posteromedial Injury – Acute Lateral and Posterolateral Injury – Surgical Approach to Chronic Medial Injury – Chronic Posteromedial Instability: Reconstruction Techniques – Chronic Anterolateral Knee Laxity: Reconstruction Techniques – Chronic Lateral and Posterolateral Laxity: Reconstruction Techniques – Surgical Approach to Posterolateral Chronic Injury – HTO and Peripheral Instability – Combined ACL and Peripheral Instability: The Eastern Experience – Combined ACL and Peripheral Instability: The Western Experience – Combined PCL and Peripheral Instability – Treatment for Acute Knee Dislocations – Treatment for Chronic Knee Dislocation – Postoperative Management: Rehabilitation.

Format: e-Book

Location: Online



Knee surgery

<https://libcat.nshealth.ca/en/permalink/provcat32111>

Available Online: View e-Book
Other Authors: Miller, Mark D
Responsibility: [edited by] Mark D. Miller, James A. Browne, Brian J. Cole ... [et al.]
Edition: 2nd ed.
Alternate Title: Operative techniques - knee surgery
Place of Publication: Philadelphia, PA
Publisher: Elsevier
Date of Publication: c2018
Physical Description: 1 online resource
Series Title: Operative techniques
ISBN: 9780323462921
Subjects (MeSH): Knee Injuries - surgery
Knee - surgery
Orthopedic Procedures - methods
Subjects (LCSH): Knee Injuries - surgery - Atlases
Athletic Injuries - surgery - Atlases
Orthopedic Procedures - methods - Atlases
Knee - Surgery
Sports injuries - Surgery
Knee - Surgery - Atlases
Sports injuries - Surgery - Atlases
Access: Registration required for PDF access.
Format: e-Book
Publication Type: Atlases
Location: Online



Knee surgery using computer assisted surgery and robotics

<https://libcat.nshealth.ca/en/permalink/provcat32510>

Available Online: View e-Book
Other Authors: Catani, Fabio
Zaffagnini, Stefano
Responsibility: Fabio Catani, Stefano Zaffagnini, editors
Place of Publication: Berlin, Heidelberg
Publisher: Springer
Date of Publication: c2013
Physical Description: 1 online resource (xii, 217 p. : 161 ill., 137 ill. in color)
ISBN: 9783642314308

Subjects (MeSH):	Arthroplasty, Replacement, Knee Knee Injuries - surgery Knee Joint - surgery Robotics - methods Surgery, Computer-Assisted - methods
Subjects (LCSH):	Orthopedic surgery
Abstract:	This book discusses the full range of current applications of computer-assisted surgery and robotics in the field of knee surgery, and also considers potential future applications. The impact of computer-assisted surgery on a wide range of surgical procedures is clearly explained. Procedures considered include total knee arthroplasty, unicompartmental knee arthroplasty, cruciate ligament reconstruction, patellofemoral arthroplasty, and revision surgery In each case, technical aspects are thoroughly addressed in a readily understandable manner. Knee Surgery Using Computer-Assisted Surgery and Robotics will be an ideal guide to this exciting field for both novice and more experienced surgeons who treat knee injuries and disorders.
Contents:	Accuracy of Computer Assisted Surgery – Does computer-assisted surgery affect clinical outcome? A review of the literature – TKA: Measured Resection Technique – Computer Assisted Surgery (CAS): Ligament Balance – Robotics in TKA – Soft tissue managing in PCL osterior Cruciate Ligament retaining Total Knee Arthroplasty – Soft tissue management in computer assisted cruciate retaining Total Knee Replacement – Navigated Standard Unicompartmental Knee Arthroplasty – Robotic Unicompartmental Knee Arthroplasty – Bicompartamental knee reconstruction computer assisted: Bi-UKR and UKR+PFA – Cruciate ligament reconstruction - kinematic evaluation – Anterior Cruciate ligament reconstruction - isometric positioning – Arthroscopic-assisted, navigated triplane osteotomies of the lower extremity – The use of computer assisted surgery during patellofemoral arthroplasty – Revision Total Knee Arthroplasty – Tibi-femoral Joint Kinematics – Patellar tracking in computer assisted surgery – How to teach knee prosthesis with navigation.
Format:	e-Book
Location:	Online



Meniscal Injuries : Management and Surgical Techniques

<https://libcat.nshealth.ca/en/permalink/provcat39604>

Available Online:	View e-Book
Other Authors:	Kelly, IV, John D
Responsibility:	John D. Kelly, IV, editor
Place of Publication:	New York, NY
Publisher:	Springer
Date of Publication:	c2014
Physical Description:	1 online resource (xiv, 129 p. : 81 illus., 64 illus. in color)

ISBN:	9781461484868 9781461484851 (print ed.)
Subjects (MeSH):	Knee Injuries - surgery Menisci, tibial - surgery Menisci, Tibial - transplantation Orthopedic Procedures - methods Tibial Meniscus Injuries
Abstract:	Thoroughly discussing the varied elements of meniscal damage and repair, <i>Meniscal Injuries: Management and Surgical Techniques</i> includes the insights and expertise of over 20 leading surgeons and researchers on topics ranging from meniscal anatomy, physical examination, innovative resection and repair techniques, gene therapy, and tissue regeneration. This treatise offers wisdom aimed at assessing true surgical candidates, exploring the intricacies of meniscal composition and function, an overview of meniscal scaffolds and replacements, and patient examination pearls. Also discussed in depth is cutting edge research concerning meniscal repair enhancement, nanofiber technology as a means of meniscal replacement, and biologic agents directed toward chondral protection. All the science presented will direct the sports medicine practitioner to state-of-the-art treatment aimed at knee preservation. Meniscal repair and regeneration is a rapidly evolving science - early attempts at meniscal restoration or repair resulted in short-term gains which often sacrificed long-term joint integrity. Now, the practitioner is afforded numerous means of retaining or restoring meniscal tissue. Breakthroughs in scaffold and allograft replacement, as featured herein, offer the promise of articular cartilage preservation like never before. In addition, tissue regeneration and gene therapy techniques, featured throughout, offer a glimpse into emerging technologies aimed at preserving or replacing meniscal tissue in previously considered "hopeless" cases. As such, <i>Meniscal Injuries</i> will be an indispensable resource to orthopedic surgeons and sports medicine practitioners interested in providing the absolute most contemporary and evidence-based care to their patients.
Contents:	Meniscal Anatomy – Physical Examination for Meniscus Tears – Imaging of Meniscus Pathology – Meniscectomy: The Basics – Meniscus Allograft Transplantation – Meniscal Scaffolds: Options Post-Meniscectomy – Meniscal Repair Techniques – Meniscal Posterior Root Tear – Indications for Meniscus Repair – Basic Science of Meniscus Repair: Limitations and Emerging Strategies – Biological Augmentation of Meniscus Repair and Restoration – Rehabilitation Following Meniscus Repair.
Format:	e-Book
Location:	Online



Meniscal Transplantation

<https://libcat.nshealth.ca/en/permalink/provcat40810>

- Available Online: View e-Book
- Other Authors: Verdonk, René
Espregueira Mendes, João
Monllau, Joan Carles
- Other Authors: International Society of Arthroscopy Knee Surgery and Orthopaedic Sports Medicine
- Responsibility: René Verdonk, João Espregueira Mendes, Joan Carles Monllau, editors
- Place of Publication: Berlin, Heidelberg
- Publisher: Springer
- Date of Publication: c2013
- Physical Description: 1 online resource (viii, 117 p. : 39 illus., 34 illus. in color)
- ISBN: 9783642381065
9783642381058 (print ed.)
- Subjects (MeSH): Knee Injuries - surgery
Menisci, tibial - surgery
Menisci, Tibial - transplantation
- Abstract: As knowledge of the biomechanical and physiological function of the knee has advanced, meniscal transplantation has become an accepted treatment approach in defined categories of patient with knee pain. In particular, it is an attractive option in the younger patient with incapacitating pain who has previously undergone a total meniscectomy and has an adequately aligned lower limb. When appropriately performed, meniscal transplantation can reduce pain, slow cartilage degeneration, and improve biomechanics. In this book, acknowledged experts in the field discuss all aspects of meniscal transplantation, covering the use of both allografts and meniscal substitutes, including collagen and polyurethane implants. The relevant basic science is reviewed, indications are explained, and surgical techniques are clearly described, with presentation of the results achieved to date. All the material is up to date, with information on new implants, new techniques, and new surgical approaches. Future trends in the treatment of meniscal lesions are also discussed as we move towards the application of regenerative strategies to restore meniscus function.
- Contents: Part I. Meniscal Allografts – 1. Meniscal Allograft – .2 The Meniscus: Basic Science – 3. Organisation: Type of Grafts—Conservation—Regulation – 4. Surgical Techniques – 5. Results and Indications – Part II. Meniscal Substitutes – 6. Collagen Meniscal Implant (CMI) – 7. Polyurethane Implant (ACTIFIT) – 8. Synthesis – Part III. The Future – 9. Future Trends in the Treatment of Meniscus Lesions: From Repair to Regeneration – Part IV. Conclusion – 10. Conclusion.
- Format: e-Book
- Location: Online



The Meniscus

<https://libcat.nshealth.ca/en/permalink/provcat28070>

Available Online: View e-Book
Author: Beaufils, Philippe
Other Authors: Verdonk, René
Responsibility: edited by Philippe Beaufils, René Verdonk
Place of Publication: Berlin, Heidelberg
Publisher: Springer-Verlag
Date of Publication: c2010
ISBN: 9783642024504
Subjects (MeSH): Knee Injuries - surgery
Menisci, tibial - pathology
Menisci, tibial - surgery
Subjects (LCSH): Orthopedic surgery
Format: e-Book
Location: Online



Noyes' knee disorders : surgery, rehabilitation, clinical outcomes

<https://libcat.nshealth.ca/en/permalink/provcat31493>

Available Online: View e-Book

Other Authors: Noyes, Frank R
Barber-Westin, Sue D

Responsibility: editor, Frank R. Noyes ; associate editor, Sue D. Barber-Westin

Edition: 2nd ed.

Alternate Title: Knee disorders

Place of Publication: Philadelphia, PA

Publisher: Elsevier

Date of Publication: c2017

Physical Description: 1 online resource, 1280 p.

ISBN: 9780323329033

Subjects (MeSH): Joint Diseases - rehabilitation
Joint Diseases - surgery
Knee Injuries - rehabilitation
Knee Injuries - surgery
Knee Joint - surgery

Subjects (LCSH): Knee - Surgery
Knee - Surgery - Patients - Rehabilitation
Knee Injuries - surgery
Joint Diseases - rehabilitation
Joint Diseases - surgery
Knee Injuries - rehabilitation
Knee Joint - surgery

Abstract: 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.

Access: Registration required for PDF access.

Format: e-Book

Location: Online



Pediatric and adolescent knee surgery

<https://libcat.nshealth.ca/en/permalink/provcat26455>

Call Number: WE 870 P371 2015

Other Authors: Cordasco, Frank A
Green, Daniel W

Responsibility: editors Frank A. Cordasco, Daniel W. Green

Alternate Title: Paediatric and adolescent knee surgery

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Anterior Cruciate Ligament - surgery
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Knee Joint - surgery
Osteochondritis Dissecans - surgery

Abstract: "Knee injuries in children with tears of the anterior cruciate ligament (ACL) and meniscus have increased dramatically over the past 12 years according to a CHOP study in 2011 and other injuries to the knee among children and adolescents are also on the rise. Pediatric and Adolescent Knee Surgery is intended to fill the reference gap for practitioners handling this increase. This will be a text aimed squarely at orthopedic surgeons.

It will review anatomy, imaging, and epidemiology and detail procedures for ACL injuries, Patellofemoral Instability, Osteochondritis Dissecans, Discoid Meniscus, Fractures, and Growth Plate Surgery. Each technique will be richly illustrated and portrayed in step-by-step detail"—Provided by publisher.

Contents: Introduction – Section 1. Anterior cruciate ligament injury – Section 2. Patellofemoral instability – Section 3. Osteochondritis dissecans – Section 4. Discoid meniscus – Section 5. Pediatric and adolescent knee fractures – Section 6. Physis – Index.

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Copies: 1

Loan Period: 3 weeks



Rotatory Knee Instability : An Evidence Based Approach

<https://libcat.nshealth.ca/en/permalink/provcat41312>

- Available Online: View e-Book
- Other Authors: Musahl, Volker
Karlsson, Jón
Kuroda, Ryosuke
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9783319320694 (print ed.)
- Subjects (MeSH): Biomechanical Phenomena
Evidence-Based Medicine
Joint Instability - surgery
Knee Injuries - surgery
Rotation - adverse effects
- Abstract: This book is designed to equip the reader with the knowledge and tools required for provision of individualized ACL treatment based on the best available evidence. All major aspects of the assessment of rotatory knee instability are addressed in depth. A historical overview of arthrometers, both invasive and non-invasive, is provided, and newly developed devices for the measurement of rotatory knee laxity are considered. Recent advances with respect to the pivot shift test are explained and evidence offered to support a standardized pivot shift test and non-invasive quantification of the pivot shift. Specific surgical techniques for rotatory laxity are described, with presentation of the experience from several world-renowned centers. In addition, functional rehabilitation and "return to play" are discussed. In keeping with the emphasis on an individualized approach, the book highlights individualization of surgical reconstruction techniques in accordance with the specific injury pattern and grade of rotatory knee laxity as well as the use of individualized rehabilitation techniques. Numerous high-quality images illustrate key points and clear take-home messages are provided.
- Contents: Part I: Introduction – Part II: Historical perspective – Part III: Rotatory knee laxity – Part IV: Pivot shift – Part V: Surgery for Rotatory Knee Instability – Part VI: Functional rehabilitation and return to sport – Part VII: Future directions.
- Format: e-Book
- Location: Online