



8.3 Orthopedics : going home

<https://libcat.nshealth.ca/en/permalink/chpams36605>

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Corporate Author: Nova Scotia Health Authority. QEII. Orthopedic Short Stay Unit
Place of Publication: Halifax, NS
Publisher: Nova Scotia Health Authority
Date of Publication: 2019
Format: Pamphlet
Language: English
Physical Description: 1 electronic document (8 p.) : digital, PDF file
Subjects (MeSH): Orthopedic Procedures
Postoperative Care
Subjects (LCSH): Orthopedic surgery
Postoperative care
Specialty: Surgery
Abstract: This guide explains the info that you were given during your hospital stay. It will help to answer any questions you may have after discharge. Topics include anticoagulation (blood thinners), pain control, dressings and wound care, possible complications, followup, and activity.
Responsibility: Prepared by: Orthopedic Short Stay Unit
Pamphlet Number: 2025



The ACL-deficient knee : a problem solving approach

<https://libcat.nshealth.ca/en/permalink/provcat32332>

Available Online: View e-Book
Other Authors: Sanchis-Alfonso, Vicente
Monllau, Joan Carles
Responsibility: Vicente Sanchis-Alfonso, Joan Carles Monllau, editors
Place of Publication: London
Publisher: Springer
Date of Publication: c2013
Physical Description: 1 online resource (lxxix, 414 p. : 237 ill., 178 ill. in color)
ISBN: 9781447142706
Subjects (MeSH): Anterior Cruciate Ligament - surgery
Anterior Cruciate Ligament - injuries
Ligaments - transplantation
Orthopedics - methods
Subjects (LCSH): Orthopedics
Orthopedic surgery
Sports medicine

Abstract:

The ACL-Deficient Knee: A Problem Solving Approach, focuses on problem analysis and problem solving, as well as analyzing the possibility of prevention. In each chapter, the biomechanics, anatomy, etc. that are relevant to the topic are reviewed. There are chapters where highly specialized surgical techniques are presented (v. gr. double bundle reconstruction or meniscal transplant), as well as developing areas such as ACL tears in children, where we are finding a growing number of injuries due to the increase of sports at early ages.

These chapters are written by internationally renowned specialists who are pioneers in the topics analyzed. To further enhance the educational content, there is a collection of online step by step surgical technique videos that will allow the knee specialist to perform the techniques presented in this book.

Contents:

FOREWORD I – FOREWORD II – Treatment ACL-injuries still an unsolved clinical problem? – PREFACE – Historical Aspects on Surgery for Anterior Cruciate Ligament Deficiency – Evidence-Based Medicine. How Can we Use it to Guide our Practice? – What have we learned from the Kaiser Permanente Anterior Cruciate Ligament Reconstruction Registry (KP ACLRR)? – The Danish anterior cruciate ligament reconstruction registry. What we are doing, how we do it, and which would be the best way to do it – ACL ruptures in the female athlete. Can we predict who is at increased risk and can we reduce noncontact injury rates? – Anterior cruciate ligament surgery risk factors for development of osteoarthritis. What can we do to prevent it? – The need for an objective measurement in-vivo of rotational stability of the ACL-deficient knee. How can we measure it? – Guidelines for operative versus nonoperative management of ACL injuries – The stimulation of healing of the anterior cruciate ligament. Research and clinical relevance – ACL Primary Repair. What we did, the results and how it helps today to tailor treatments to the patient and the pathology – Graft choice in ACL reconstruction. Which one and why? – Graft healing in ACL reconstruction: Can we enhance it in clinical practice? – Is double-bundle ACL reconstruction necessary? – ACL injuries in skeletally immature patients and adolescents. How can we improve the high rate of poor outcomes? – Indications for ancillary surgery in the ACL deficient knee – Outpatient ACL surgery. Is it safe? – Factors related to return to sport after ACL reconstruction: When is it safe? – Return to sports after ACL reconstruction surgery. A risk for further joint injury? – Psychological factors in the ACL reconstruction population. Are they predictive of patient outcomes? – Acute anterior cruciate ligament tear surgery. Repair vs. reconstruction. When? – Partial chronic anterior cruciate ligaments tears. What to do – Chronic anterior cruciate ligament tear. Single-bundle ACL reconstruction. Anteromedial portal versus transtibial outside-in versus transtibial drilling technique – Anterior cruciate ligament tear. Rationale and indications for anatomic ACL reconstruction – Clinical relevance of meniscus in the treatment of the ACL-deficient knee. The real value of meniscal transplantation – Clinical relevance of chondral lesions in the treatment of the ACL-deficient knee: Microfracture technique – The role of high-tibial osteotomy in the ACL-deficient knee – ACL injuries combined with lateral and medial knee injuries. Acute vs. chronic injury. What to do – ACL injuries in children. Treatment and Outcomes. Personal experience - - Combined anterior cruciate ligament reconstruction with patella tendon lengthening following a complex knee injury – ACL graft failure - - Reducing the risk of a reinjury following ACL reconstruction. What factors should be used to allow unrestricted return to sports activities? - - Anterior knee pain after ACL reconstruction. How to avoid it – Limitation of joint range of motion after surgery of the anterior cruciate ligament – Septic arthritis after anterior cruciate ligament reconstruction – Deep venous thrombosis and pulmonary thromboembolism after ACL reconstruction. What can we do to prevent it? – VIDEO # 1 - ACL reconstruction augmentation technique AMB & PLB – VIDEO # 2 - ACL reconstruction. The surgical technique – VIDEO # 3 - Anatomic ACL reconstruction: (3-1) Anatomic single bundle ACL reconstruction, (3-2) Anatomic double bundle ACL reconstruction – VIDEO # 4 Lateral meniscus transplantation. Surgical technique. Bonus track: medial and lateral meniscal implants (ACTIFIT) + ACL reconstruction (BTPB) – VIDEO # 5 - What factors should be used to allow unrestricted return to sports activities?

Format: e-Book
Location: Online



Advances in minimally invasive surgery and therapy for spine and nerves

<https://libcat.nshealth.ca/en/permalink/provcat30164>

Available Online: View e-Book
Other Authors: Alexandre, Alberto
Masini, Marcos
Menchetti, Pier Paolo Maria
Place of Publication: Vienna
Publisher: Springer-Verlag
Date of Publication: c2011
Series Vol.: 108
Series Title: Acta neurochirurgica. Supplement
ISBN: 9783211993705
Subjects (MeSH): Nervous System Diseases - surgery
Endoscopy - methods
Minimally Invasive Surgical Procedures - methods
Subjects (LCSH): Neurosurgery
Orthopedic surgery
Endoscopic surgery
Format: e-Book
Location: Online



Adventure and extreme sports injuries : epidemiology, treatment, rehabilitation and prevention

<https://libcat.nshealth.ca/en/permalink/provcat32342>

Available Online: View e-Book
Other Authors: Mei-Dan, Omer
Carmont, Michael R
Responsibility: Omer Mei-Dan, Michael R Carmont, editors
Place of Publication: London
Publisher: Springer
Date of Publication: c2013
Physical Description: 1 online resource (xvi, 371 p. : 122 ill., 110 ill. in color)
ISBN: 9781447143635
Subjects (MeSH): Athletic Injuries
Safety Management

Subjects (LCSH):	<p>Orthopedics</p> <p>Orthopedic surgery</p> <p>Rehabilitation</p> <p>Physical therapy</p> <p>Sports medicine</p>
Abstract:	<p>Adventure and extreme sports have developed significantly and gained enormous popularity over the past two decades, and are now performed by adventurous elite athletes as well as the recreational adventure sportsman. These sports, by definition, involve element of increased risk, and are usually performed in beautiful, exciting and remote locations or in extreme environments, far away from medical assistance. As more and more people are enjoying adventure sports, unfortunately increased numbers are becoming injured as a result. Future research is progressing alongside the sport development, to allow the sport mechanisms, injury patterns and predisposing factors to be better understood.</p> <p>It is the hope of all researchers to make the sports safer without detracting from their adventurous nature. This book combines the Editors love to the sports with their life as sports surgeons. The aim and scope of this text is to bring the sports medicine' involved in each of these sports into one volume. Each sport and discipline is explained together with their subtle similarities and differences, the common injury mechanisms, patterns of injury and treatment options and finally, the mental and physiological aspects of it all. In this book the Editors hope to deliver useful valuable information to surgeons, physicians, physical therapists and whoever treats or has interest in these amazing activities.</p>
Contents:	<p>The Management of the Extreme Sports Athlete – Rock and Ice – Alpine Skiing and Snowboarding Injuries – Skydiving – BASE – Whitewater Canoeing and Rafting – Surfing – Kite Surfing and Snow Kiting – Sailing and Mountain Biking – Mountain, Sky, and Endurance – Personality Characteristics in Extreme Sports Athletes: Morbidity and Mortality in Mountaineering and BASE – Endocrine Aspects and Responses to Extreme Sports – Preventing Injuries in Extreme Sports – Rehabilitation of Extreme Sports Injuries – Index.</p>
Format:	e-Book
Location:	Online



After orthopedic day surgery

<https://libcat.nshealth.ca/en/permalink/chpams35582>

Available Online: View Pamphlet

Corporate Author: Nova Scotia Health Authority. Same Day Surgery

Alternate Title: After orthopaedic day surgery

Place of Publication: Halifax, NS

Publisher: Nova Scotia Health Authority

Date of Publication: 2021

Format: Pamphlet

Language: English

Physical Description: 1 electronic document (9 p.) : digital, PDF file

Subjects (MeSH): Postoperative Care
Orthopedic Procedures

Subjects (LCSH): Postoperative care
Orthopedic surgery

Abstract: This pamphlet will answer some of your questions about your care at home after orthopedic day surgery. Topics include: how you will feel, things you can do to help yourself, what you can eat, pain, driving, returning to work, having sex again, and activity instructions. Specific instructions are given for patients with sleep apnea and patients who use CPAP machines. It offers a checklist of activities and specific instructions for dressing care and stitches or staples. Instructions for bleeding and things you should watch out for (including a list of symptoms that need medical attention right away) are provided.

Responsibility: Prepared by: Same Day Surgery

Pamphlet Number: 1599



After orthopedic surgery

<https://libcat.nshealth.ca/en/permalink/chpams36701>

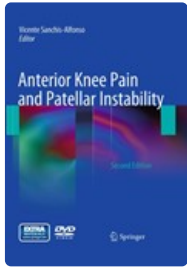
Available Online: View Pamphlet
Corporate Author: Nova Scotia Health Authority. Orthopedics
Place of Publication: Halifax, NS
Publisher: Nova Scotia Health Authority
Date of Publication: 2020
Format: Pamphlet
Language: English
Physical Description: 1 electronic document (6 p.) : digital, PDF file
Subjects (MeSH): Orthopedics
Surgery
Postoperative Care
Subjects (LCSH): Orthopedic surgery
Postoperative care
Abstract: This pamphlet gives info about what to expect after your orthopedic surgery. Topics include pain control, constipation, activity, dressing, stitches/staples, and things to watch for. A list of symptoms requiring immediate medical attention and contact information for the Orthopedic Clinic are provided.
Responsibility: Prepared by: Orthopedics
Pamphlet Number: 0123



The aging spine

<https://libcat.nshealth.ca/en/permalink/provcat28983>

Available Online: View e-Book
Other Authors: Aebi, Max
Gunzburg, Robert
Szpalski, Marek
Place of Publication: Berlin, Heidelberg
Publisher: Springer-Verlag
Date of Publication: c2005
ISBN: 9783540273769
Subjects (MeSH): Spine - Aged
Spinal diseases - aged
Subjects (LCSH): Orthopedics
Orthopedic surgery
Format: e-Book
Location: Online



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



Arthroscopic and Endoscopic Spinal Surgery : Text and Atlas

<https://libcat.nshealth.ca/en/permalink/provcat30410>

Available Online: View e-Book
Author: Kambin, Parviz
Responsibility: edited by Parviz Kambin
Edition: 2nd ed.
Place of Publication: Totowa, NJ
Publisher: Humana Press
Date of Publication: c2005
ISBN: 9781592599042
Subjects (MeSH): Arthroscopy - methods
Endoscopy - methods
Spine - surgery
Minimally Invasive Surgical Procedures - methods
Subjects (LCSH): Orthopedic surgery
Endoscopic surgery
Format: e-Book
Location: Online

Arthroscopic Management of Distal Radius Fractures

<https://libcat.nshealth.ca/en/permalink/provcat28473>

Available Online: View e-Book

Author: Piñal, Francisco

Other Authors: Luchetti, Riccardo
Mathoulin, Christophe

Responsibility: edited by Francisco Piñal, Riccardo Luchetti, Christophe Mathoulin

Place of Publication: Berlin, Heidelberg

Publisher: Springer-Verlag

Date of Publication: c2010

ISBN: 9783642053542

Subjects (MeSH): Arthroscopy - methods
Radius Fractures - surgery

Subjects (LCSH): Orthopedic surgery
Endoscopic surgery

Format: e-Book

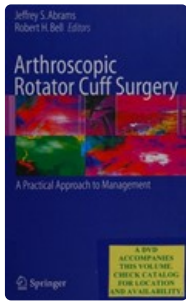
Location: Online



Arthroscopic Management of Ulnar Pain

<https://libcat.nshealth.ca/en/permalink/provcat31190>

- Available Online: View e-Book
- Other Authors: del Piñal, Francisco
- Responsibility: Francisco del Piñal (editor in chief) ; Christophe Mathoulin and Toshiyasu Nakamura (co-editors)
- Place of Publication: Berlin, Heidelberg
- Publisher: Springer
- Date of Publication: c2012
- Physical Description: 1 online resource (x, 374 p. : 412 ill., 333 ill. in color)
- ISBN: 9783642305443
- Subjects (MeSH): Arthroscopy - methods
Ulna - pathology
Wrist - surgery
- Subjects (LCSH): Orthopedic surgery
- Abstract: Compared with traditional surgical procedures, wrist arthroscopy reduces the risk to patients and hastens recovery. Nevertheless, in many ways wrist arthroscopy is still in its infancy, and its indications continue to evolve. This book is devoted to the optimal use of arthroscopy in the diagnosis and treatment of wrist pathologies that give rise to ulnar pain. The correct procedure in a wide variety of settings is carefully explained in step-by-step fashion with the help of numerous detailed illustrations. Particular care is taken to cover all the important technical issues. The authors are without exception internationally acknowledged experts who draw on their considerable experience to provide readers with sound guidance on the appropriate use of arthroscopy for each indication.
- Contents: Anatomy of the ulno-carpal compartment – Anatomy and biomechanics of the distal radio-ulnar joint – Exploration of the wrist pain – Set-up, surface anatomy and portals – Ulnar imaging for arthroscopic surgeons – Traumatic TFC tears: The IB constellation – Central TFCC debridement: technique and indication in the 21st century – Treatment of stable dorsal TFC tears – Proximal tears of the TFC – DRUJ instability: Foveal reattachment – DRUJ instability: Arthroscopic ligament reconstruction – Carpal detachment syndrom – Ulnar impaction syndromes – Ulnar Styloid impaction syndrome – Hamate impaction syndrome – Coronal tears of the TFC – LT tears and arthroscopic repair – Arthroscopic management of Pisto-triquetral conditions – The role of arthroscopy in Kienboeck's disease – Midcarpal instability – Capito-hamate axial dislocation of the wrist – Ulnar injuries in distal radius fractures – Arthroscopic arthrodeses for degenerative arthritis – Ulnar head resection and Sauve-Kapandji – Extra-articular ulnar pain. Appendix: Suturing techniques: All-inside repair technique – Suturing techniques: Double Loop technique for large dorsal TFCC rupture.
- Format: e-Book
- Location: Online



Arthroscopic Rotator Cuff Surgery : A Practical Approach to Management

<https://libcat.nshealth.ca/en/permalink/provcat28927>

Available Online: View e-Book

Author: Abrams, Jeffrey S

Other Authors: Bell, Robert H

Responsibility: edited by Jeffrey S. Abrams, Robert H. Bell

Place of Publication: New York, NY

Publisher: Springer Science+Business Media

Date of Publication: c2008

ISBN: 9780387393438

Subjects (MeSH): Arthroscopy - methods
Rotator Cuff Injuries
Rotator Cuff - surgery
Shoulder Joint - surgery

Subjects (LCSH): Orthopedic surgery
Endoscopic 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

Atlas of the Patellofemoral Joint

<https://libcat.nshealth.ca/en/permalink/provcat32350>



Available Online: [View e-Book](#)

Other Authors: Sanchis-Alfonso, Vicente

Responsibility: Vicente Sanchis-Alfonso, editor

Place of Publication: London

Publisher: Springer

Date of Publication: c2013

Physical Description: 1 online resource (xxii, 262 p. : 352 ill., 68 ill. in color)

ISBN: 9781447144953

Subjects (MeSH): Patellofemoral Joint - Atlases
Joint Diseases - Atlases

Subjects (LCSH): Orthopedics
Orthopedic surgery

Notes: Originally published as part of Anterior Knee Pain and Patellar Instability, 2nd ed., 2011.

Abstract: The Atlas of the Patellofemoral Joint is designed to be a detailed visual guide, presenting the reader with a wealth of images that will act as a crucial aid when faced with surgery of the knee and particularly that of the patella. All the images, footnotes and summaries are compiled in order to convey a simple understanding of this complex problem. It is a very practical book, aimed not only to those that already specialize in knee surgery, but also to the general orthopedic surgeon who wishes to learn more about this particular form of surgery.

Contents:	<p>Part I: Etiopathogenic Bases and Therapeutic Implications – 1. Background: Patellofemoral Malalignment Versus Tissue Homeostasis – 2. In Search of the Etiology of Anterior Knee Pain – 3. Biological Causes of Anterior Knee Pain – 4. Pathogenesis of Anterior Knee Pain in the Active Young: Is There a Relation Between the Presence of Patellofemoral Malalignment and Pain? – 5. Unilateral Anterior Knee Pain as a Sign of Knee Asymmetry – 6. Biomechanical Bases for Anterior Knee Pain and Patellar Instability – 7. Anatomy of Patellar Dislocation – 8. Evaluation of the Patient with Anterior Knee Pain and Patellar Instability – 9. Influence of Psychological Factors on Pain and Disability in Anterior Knee Pain Patients – 10. Uncommon Causes of Anterior Knee Pain – 11. Risk Factors and Prevention of Anterior Knee Pain – 12. Non-operative Treatment of Athletes with Anterior Knee Pain: Science, Classical, and New Ideas – 13. Conservative Management of Anterior Knee Pain: The McConnell Program – 14. Skeletal Malalignment and Anterior Knee Pain: Rationale, Diagnosis, and Management – 15. Biochemical Causes of Patellar Tendinopathy? – 16. Prevention of Anterior Knee Pain After Anterior Cruciate Ligament Reconstruction – 17. Anterior Knee Pain with Special Emphasis on the Clinical, Radiographic, Histological, Ultrastructural, and Biochemical Aspects After Anterior Cruciate Ligament Reconstruction Using Autografts – Part II: Emerging Technologies for Investigating Patellofemoral Joint. Clinical Relevance – 18. Imaging and Musculoskeletal Modeling to Investigate the Mechanical Etiology of Patellofemoral Pain – 19. Computational Models for Investigating the Patellofemoral Joint: Clinical Relevance – 20. Kinetic Analysis: A Sensitive Outcome Objective Measurement Method in Evaluating Lateral Patellar Instability – 21. Kinetic and Kinematic Analysis in Evaluating Patients with Anterior Knee Pain – Part III: Clinical Cases Commented – 22. Failure of Patellofemoral Surgery: Analysis of Clinical Cases – 23. Neuromatous Knee Pain: Evaluation and Management – 24. Kinetic and Kinematic Analysis of Iatrogenic Medial Patellar Instability: Clinical Relevance – Part IV: Surgical Techniques "How I Do It" – 25. Ultrasound and Doppler-Guided Arthroscopic Shaving for the Treatment of Patellar Tendinopathy/Jumper's Knee: Biological Background and Description of Method – 26. Arthroscopic Patellar Denervation for Anterior Knee Pain – 27. Reconstruction of the Medial Patellofemoral Ligament: How I Do It – 28. Reconstruction of the Medial Patellofemoral Ligament: How I Do It – 29. MPFL Reconstruction: Principles and Complications – 30. Reconstruction of the Lateral Patellofemoral Ligament: How I Do It – 31. Reconstruction of the Lateral Patellofemoral Ligament: How I Do It – 32. Osteotomies Around the Patellofemoral Joint – 33. Sulcus Deepening Trochleoplasty – 34. Rotational Tibial Osteotomy – 35. Rotational Femoral Osteotomy - - 36. Patella Infera and Patella Alta – 37. Anteromedial Tibial Tubercle Osteotomy (Fulkerson Osteotomy) – 38. Patella Thinning Osteotomy: A New Technique for Patellofemoral Arthritis – 39. Cartilage Restoration in the Patellofemoral Joint – 40. Autologous Osteochondral Mosaicplasty – 41. Patellofemoral Allografts – 42. Patellofemoral Arthroplasty: Pearls and Pitfalls – 43. Patellofemoral Arthroplasty: The Great Solution, the Great Problem – 44. Philosophy of the Patellofemoral Joint: A Logical Clinical Approach.</p>
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Format: e-Book

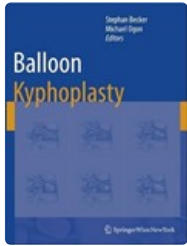
Location: Online



Autologous Resurfacing and Fracture Dowelling : A Manual of Transplantation Technique

<https://libcat.nshealth.ca/en/permalink/provcat31152>

- Available Online: View e-Book
- Other Authors: Draenert, Klaus
- Responsibility: Klaus Draenert ... [et al.] ; foreword by Allan E. Gross
- Place of Publication: Berlin, Heidelberg
- Publisher: Springer
- Date of Publication: c2012
- Physical Description: 1 online resource (xii, 140 p. : 189 ill., 149 ill. in color)
- ISBN: 9783642249112
- Subjects (MeSH): Bone Substitutes - therapeutic use
Fractures, bone - surgery
Regenerative Medicine - methods
Transplantation, Autologous
- Subjects (LCSH): Orthopedic surgery
- Abstract: This book describes in detail a unique and very precise operative technique that uses autologous cartilage/bone grafts for the reconstruction of load-bearing joint surfaces and for dowelling of non-unions. The technique, employing diamond instruments and a wet grinding process, has been developed and refined over the past 30 years at the Center for Orthopaedic Sciences (ZOW), first in Bern and later in Munich. A step-by-step description of the method is provided for each indication, with the aid of many high-quality illustrations. Correctly applied, the technique has been very successful in restoring high-level athletes to competition; it can be applied even in "hopeless cases" and offers excellent late results. This guide will be invaluable for orthopaedic surgeons wishing to master this proven and effective approach.
- Contents: Historical Background – Microscopical Anatomy – Growth – Turnover and Healing Processes – Bone Substitutes – Cartilage-Bone Grafting – Clinical Practice of Autologous Resurfacing' – Fracture Dowelling – Instrumentation.
- Format: e-Book
- Location: Online



Balloon Kyphoplasty

<https://libcat.nshealth.ca/en/permalink/provcat29195>

Available Online: View e-Book
Author: Becker, Stephan
Other Authors: Ogon, Michael
Responsibility: edited by Stephan Becker, Michael Ogon
Place of Publication: Vienna
Publisher: Springer-Verlag
Date of Publication: c2008
ISBN: 9783211742211
Subjects (MeSH): Kyphoplasty - methods
Kyphosis - surgery
Spinal fractures - surgery
Vertebroplasty - methods
Subjects (LCSH): Orthopedic surgery
Format: e-Book
Location: Online



The Basic Principles of External Skeletal Fixation Using the Ilizarov and Other Devices

<https://libcat.nshealth.ca/en/permalink/provcat31291>

Available Online: View e-Book
Other Authors: Solomin, Leonid
Responsibility: Leonid Solomin, editor
Edition: 2nd ed.
Former Title: Basic Principles of External Fixation Using the Ilizarov Device
Place of Publication: Milan
Publisher: Springer
Date of Publication: c2012
Physical Description: 1 online resource (xxx, 1593 p. 1457 ill., 800 ill. in color)
ISBN: 9788847026193
Subjects (MeSH): External Fixators
Fracture Fixation - methods
Fractures, bone - surgery
Ilizarov Technique
Subjects (LCSH): Medicine
Orthopedics
Orthopedic surgery
Rehabilitation
Endoscopic surgery
Trauma

Notes: Former title: The Basic Principles of External Fixation Using the Ilizarov Device.

Abstract: When it was developed, the Ilizarov device represented a revolutionary advance that made it possible to correct previously untreatable conditions through the stimulation of bone growth based on the principle of distraction osteogenesis. The device subsequently gained popularity among surgeons throughout the world since it can be used for the treatment of fractures that have failed to heal satisfactorily and for deformity correction. The technique is, however, complex and requires specialist knowledge if it is to be applied optimally. This is the second edition of a well-received book that focuses primarily on external fixation using the Ilizarov device but also considers other devices employed for the purpose. The opening chapters include discussion of biomechanical principles, use of a system of coordinates to allow safer insertion of K-wires and half pins, preoperative preparation, and principles of frame construction. External fixation of a variety of fractures in different pathologic settings is then clearly explained in a series of detailed chapters with the aid of high-quality illustrations. Numerous case reports are included to illustrate the results of different treatment methods. In addition, principles of postoperative management are described and advice is provided on correction of errors and treatment of complications. Since the first edition the text has been thoroughly updated, with inclusion of contributions from leading world experts. This volume will serve as an indispensable manual both for trainee orthopedic surgeons embarking on a steep learning curve and for more experienced surgeons requiring advice and guidance in demanding cases.

Format: e-Book

Location: Online



Bioceramics and Alternative Bearings in Joint Arthroplasty : 10th BIOLOX symposium, Washington D.C., June 10-11, 2005 : proceedings

<https://libcat.nshealth.ca/en/permalink/provcat28117>

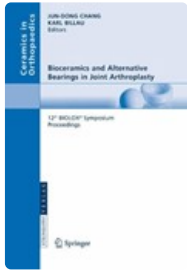
Available Online: View e-Book
Author: D'Antonio, James A
Other Authors: International BIOLOX Symposium (10th : 2005 : Washington, D.C.)
Other Authors: Dietrich, Martin
Responsibility: edited by James A. D'Antonio, Martin Dietrich
Place of Publication: Darmstadt
Publisher: Steinkopff Verlag
Date of Publication: c2005
Series Title: Ceramics in orthopaedics
ISBN: 9783798515406
Subjects (MeSH): Arthroplasty - methods - Congresses
Ceramics - therapeutic use - Congresses
Joint Prosthesis - Congresses
Subjects (LCSH): Orthopedic surgery
Format: e-Book
Location: Online



Bioceramics and Alternative Bearings in Joint Arthroplasty : 11th BILOX Symposium Rome, June 30-July 1, 2006 Proceedings

<https://libcat.nshealth.ca/en/permalink/provcat30030>

Available Online: View e-Book
Author: Benazzo, Francesco
Other Authors: International BILOX Symposium (11th : 2005 : Rome, Italy)
Other Authors: Falez, Francesco
Dietrich, Martin
Responsibility: edited by Francesco Benazzo, Francesco Falez, Martin Dietrich
Place of Publication: Darmstadt
Publisher: Steinkopff Verlag
Date of Publication: c2006
Series Title: Ceramics in orthopaedics
ISBN: 9783798516359
Subjects (MeSH): Arthroplasty - methods - Congresses
Ceramics - therapeutic use - Congresses
Joint Prosthesis - Congresses
Subjects (LCSH): Orthopedic surgery
Format: e-Book
Location: Online



Bioceramics and Alternative Bearings in Joint Arthroplasty : 12th BIOLOX Symposium Seoul, Republic of Korea September 7-8, 2007 Proceedings

<https://libcat.nshealth.ca/en/permalink/provcat28875>

Available Online: View e-Book
Author: Chang, Jun-Dong
Other Authors: International BIOLOX Symposium (12th : 2007 : Seoul, Republic of Korea)
Other Authors: Billau, Karl
Responsibility: edited by Jun-Dong Chang, Karl Billau
Place of Publication: Darmstadt
Publisher: Steinkopff Verlag
Date of Publication: c2007
Series Title: Ceramics in orthopaedics
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