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Brian M. Curtin
Editors

**Complex Primary and
Revision Total Knee
Arthroplasty**
A Clinical Casebook



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Complex Primary And Revision Total Knee Arthroplasty A Clinical Casebook

**Hosam E. Matar, Benjamin V.
Bloch, Hugh U. Cameron, Peter J. James**

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Complex Primary and Revision Total Knee Arthroplasty Bryan D. Springer, Brian M. Curtin, 2015-06-22 Comprised exclusively of clinical cases covering complex primary and revision total knee arthroplasty this concise practical casebook will provide orthopedic surgeons with the best real world strategies to properly manage the more complicated forms of knee replacement they may encounter Each chapter is a case that opens with a unique clinical presentation followed by a description of the diagnosis assessment and management techniques used to treat it as well as the case outcome and clinical pearls and pitfalls Cases included illustrate different management strategies for primary knee arthroplasty including the varus and valgus knee flexion contracture and extra articular deformity as well as periprosthetic infection and revision total knee arthroplasty including deficient extensor mechanism periprosthetic femur fracture and ligamentous instability Pragmatic and reader friendly Complex Primary and Revision Total Knee Arthroplasty A Clinical Casebook will be an excellent resource for orthopedic surgeons confronted with a challenging knee joint replacement **Complex Cases in**

Total Knee Arthroplasty Alfred J. Tria, Giles R. Scuderi, Fred D. Cushner, 2018-02-20 Covering both primary and revision total knee arthroplasty TKA each technique oriented chapter in this book opens with a clinical case and an overview of the challenges and multiple options for management and each section within the chapter will describe the physical exam surgical approach clinical outcome and recent supporting literature Chapters will utilize bullet points for quick reference and plentiful intra operative photos to illustrate the various techniques described Part one covers primary TKA with cases demonstrating management strategies for the varus and valgus knee flexion contracture patellofemoral arthritis and extra articular deformity among others while part two covers revision TKA with cases demonstrating acute infection flexion and global instability severe tibial and femoral bone loss and periprosthetic fracture among others Written and edited by experts in the field Complex Cases In Total Knee Arthroplasty A Collection of Current Techniques will be a useful reference for orthopedic surgeons residents and fellows as well as sports medicine specialists and anyone involved in surgical care of the knee **Revision Total Knee Arthroplasty** Hosam E. Matar, Benjamin V. Bloch, Hugh U. Cameron, Peter J.

James, 2021-09-03 This book is a practically applicable guide to the use of revision total knee arthroplasty Demand for primary total knee arthroplasty TKA continues to rise with some estimates predicting this to be as high as 400% than it currently is and this will inevitably lead to increased demand for revision surgery Furthermore this is a sub specialist area of arthroplasty that is complex and challenging with high failure rates meaning that there is a real need to improve the outcomes of these procedures Within this book the chapters focus on a particular subject area focusing on how to successfully perform a procedure in a step by step manner in a variety of scenarios from condylar revisions to salvage cases Topics covered include how to use surgical techniques in instances of periprosthetic distal femur fractures and manage infections where bone loss has been significant Long term outcome data is also presented to enable the reader to develop a

deep understanding of where a particular strategy might be most effective **Revision Total Knee Arthroplasty A Practical Guide** concisely details how to use the techniques covered in all aspects of revision knee surgery making it an indispensable resource for all those involved in the care of these patients or who use these techniques in their day to day clinical practice

Complex Primary Total Knee Arthroplasty S. K. S. Marya, Sumeet Rastogi, 2019-11-06 **Revision Total Knee Arthroplasty** James V. Bono, Richard D. Scott, 2024-08-12 Now in a fully revised and updated third edition this comprehensive text covers all aspects of revision total knee arthroplasty TKA complete with step by step descriptions of surgical techniques Sensibly divided into four thematic sections part I discusses evaluation and diagnosis of the failed TKA including imaging updates on implant bearings and rationale for reoperation General principles of revision surgery are presented in part II addressing skin and extensile exposure component removal allografts metaphyseal sleeves and cones femoral and tibial alignment and restoration of stability Part III presents the many special considerations that come into play with revision TKA including periprosthetic fracture infection stiffness and other post operative complications and complexities The role of arthrodesis and the economics of revision TKA are also elucidated A final brand new section describes cutting edge topics for TKA in the near future such as patient specific 3D implants the use of robotics and sensor and digital technology Utilizing the most current evidence and generously illustrated orthopedic surgeons sports medicine specialists residents and fellows alike will find **Revision Total Knee Arthroplasty Third Edition** a thorough and informative resource when treating the patient following knee replacement surgery **Revision Total Knee Arthroplasty** Hosam E. Matar, Benjamin V. Bloch, Hugh U. Cameron, Peter J. James, 2021 This book is a practically applicable guide to the use of revision total knee arthroplasty Demand for primary total knee arthroplasty TKA continues to rise with some estimates predicting this to be as high as 400% than it currently is and this will inevitably lead to increased demand for revision surgery Furthermore this is a sub specialist area of arthroplasty that is complex and challenging with high failure rates meaning that there is a real need to improve the outcomes of these procedures Within this book the chapters focus on a particular subject area focusing on how to successfully perform a procedure in a step by step manner in a variety of scenarios from condylar revisions to salvage cases Topics covered include how to use surgical techniques in instances of periprosthetic distal femur fractures and manage infections where bone loss has been significant Long term outcome data is also presented to enable the reader to develop a deep understanding of where a particular strategy might be most effective **Revision Total Knee Arthroplasty A Practical Guide** concisely details how to use the techniques covered in all aspects of revision knee surgery making it an indispensable resource for all those involved in the care of these patients or who use these techniques in their day to day clinical practice

Revision Total Knee Arthroplasty James V. Bono, 2005-03-17 James V Bono MD and Richard D Scott MD two leading authorities in the field edited this invaluable how to book on corrective surgery for failed total knee arthroplasty The text has an in depth comprehensive approach geared for orthopedic surgeons sports medicine specialists and residents All

fundamental aspects of revision total knee arthroplasty and its complications are covered More than 350 illustrations 60 in full color complement well written explanations of general principles surgical procedures and special considerations Top experts in orthopedics offer clinical pearls on topics such as diagnosis and evaluation pre op planning and component selection surgical approach revision technique post op complications and salvage Radiologists also detail the use of imaging for evaluation Economics and reimbursement are addressed as well Readers will find that this thorough and accurate book is an unprecedented guide that unravels the complexity of revision total knee arthroplasty

Essentials in Total Knee Arthroplasty Javad Parvizi, Brian Klatt, 2024-06-01 Essentials in Total Knee Arthroplasty is a succinct yet comprehensive book that provides a unique look into the world of total knee arthroplasty TKA beginning with an in depth history of this common procedure and then progressing to strategies that will manage treat and prevent complications Inside the pages of Essentials in Total Knee Arthroplasty Dr Javad Parvizi and Dr Brian Klatt along with more than 40 contributors cover a wide range of topics including Knee biomechanics and biomaterials Surgical approaches to TKA Postoperative Analgesia Options for the Total Knee Arthroplasty Patient Controversies in TKA Mechanisms of failure in TKA Complex primary total TKA TKA revision TKA rehabilitation With over 100 color images clear descriptive text and a forward thinking approach to clinical and basic research in the reconstruction of the knee Essentials in Total Knee Arthroplasty will become the go to book for orthopedic residents fellows junior attendings medical students and physical therapists involved with all matters related to total knee arthroplasty

Knee Joint Arthroplasty Wooshin Cho, 2013-10-14 This book presents up to date knowledge on all aspects of total knee joint arthroplasty TKA It opens by considering indications for TKA and implant selection covering basic science design and prosthetic materials The basic and advanced operative procedures along with theoretical background are then described in detail for both primary and revision surgery The operative techniques for TKA in specific and complex conditions are included Complications of TKA and their treatment are also discussed and clear guidance is provided on postoperative management and patient education The author introduces his personal surgical tips and opinions on controversial issues based on his experience of TKA in some 6 000 cases Numerous helpful illustrations and radiographs from the author s caseload are presented to assist readers in carrying out the described procedures

The Technique of Total Knee Arthroplasty E-Book William M. Mihalko, Michael A. Mont, Kenneth Krackow, 2022-05-03 In 1990 Dr Kenneth Krackow wrote The Technique of Total Knee Arthroplasty to teach the basics of TKA for end stage arthritis everything from nonsurgical to surgical intervention and postoperative rehabilitation Now completely revised for a new generation of surgeons the 2nd Edition of this classic text continues its original goal of helping advanced practitioners acquire more knowledge and skill in primary and revision total knee arthroplasty This fully updated volume revised by Dr Krackow and his former fellows Drs William M Mihalko and Michael A Mont keeps you current with major changes and advances in field including patient optimization outpatient procedures robotics and new technology difficult decisions during surgery and

more Offers comprehensive and expert coverage of both inpatient and outpatient primary TKA now fully revised with new chapters on Patient Considerations Modifications Optimizing the Important Comorbidities TKA Balancing and more Addresses key issues of patient optimization such as obesity diabetes heart disease rheumatoid arthritis and peripheral vascular disease Provides evidence for TKA outcomes and complications What do I tell my patient Focuses on the latest and best techniques and surgical approaches including computer and robotic assisted surgery uncemented TKA assessing and planning for the difficult TKA outpatient TKA considerations and preventing readmissions post surgery Discusses how to handle all deformity aspects of the lower extremity bone defects and ligamentous insufficiency during surgery Includes numerous illustrations line art radiographs and clinical photos for optimal visualization of each procedure

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