

# Revision Hip Replacement



Before



After

# Revision Hip Arthroplasty

**David J. Jacofsky, Anthony K. Hedley**

A red circular graphic with a gradient, appearing as a stylized arrow or a partial circle, located to the right of the authors' names.

## **Revision Hip Arthroplasty:**

*Revision Total Hip Arthroplasty* Eric L. Smith, James V. Bono, 2025-05-05 Revision total hip arthroplasty THA helps solve the reconstructive challenges facing surgeons today This comprehensive text encompasses the necessary background and foundation for the reader to better understand the principles of revision THA highlighting the preferred techniques and solutions of regional centers across the US that are known for excellence in revision THA Across eleven thematic sections this book presents modern techniques to solve common problems with an emphasis on intra operative and clinical photos The opening section discusses general considerations and principles of revision THA including the global burden soft tissue balancing and biomechanics and biomaterials The next few sections cover evaluation pre operative planning and surgical exposures then dive into acetabular femoral and trochanteric reconstruction techniques An entire section is dedicated to author preferred techniques for managing instability aseptic loosening periprosthetic infection and fracture corrosion implant failure and more The final sections discuss methods to minimize complications unique considerations and special considerations for revision THA from abductor tears to the role of physical therapy This well illustrated state of the art text will prepare orthopedic surgeons of every level to solve unique and common etiologies of failed THA making this a practical guide for every revision surgeon

*Revision Total Hip and Knee Arthroplasty* Daniel J. Berry, Robert T. Trousdale, Douglas A. Dennis, Wayne Paprosky, 2012-09-26 This multi contributed comprehensive book covers revision surgery for total hip and knee arthroplasty The focus of Revision Total Hip and Knee Arthroplasty will be on the techniques of revision surgery Separated into a hip section and a knee section each will include evaluation of the failed replacement revision surgery surgical technique revision for specific diagnosis complications and postoperative management

*Fundamentals of Revision Hip Arthroplasty* David Jacofsky, Anthony Hedley, 2024-06-01 Fundamentals of Revision Hip Arthroplasty Diagnosis Evaluation and Treatment is a unique and very timely book designed for surgeons who are beginning to more commonly encounter hip revisions in their practice Unlike many traditional books on revision Fundamentals of Revision Hip Arthroplasty does not focus on the most difficult and challenging of cases Rather Fundamentals of Revision Hip Arthroplasty is intended to guide the surgeon in the evaluation of the failed or painful total joint replacement review basic tenants and surgical principles of revision arthroplasty and guide the surgeon in determining whether a given case is one that should be managed or is best referred to a tertiary orthopedic center Along with their 32 contributors Dr David J Jacofsky and Dr Anthony K Hedley provide detailed information inside Fundamentals of Revision Hip Arthroplasty including appropriate preoperative evaluation equipment requirements surgical planning need for augments and allograft and surgical techniques Surgeons will be tackling hip revision surgery more frequently as the number of these cases is exponentially increasing Fundamentals of Revision Hip Arthroplasty provides a go to resource to turn to for guidance by community arthroplasty surgeons arthroplasty fellows and residents

*Techniques in Revision Hip and Knee Arthroplasty E-Book* Giles R Scuderi, 2014-05-29 Techniques in Revision

Hip and Knee Arthroplasty is the one authoritative volume that gives you an efficient problem based approach to revision arthroplasty of both the hip and knee Dr Giles Scuderi and other leading experts from North America and Western Europe present their favored surgical procedures and post surgical management strategies in this straightforward heavily illustrated video intensive reference It s your one stop go to guide for successful revision surgery for a myriad of complications such as implant loosening polyethylene wear osteolysis or infection of the hip and knee Consult this title on your favorite e reader conduct rapid searches and adjust font sizes for optimal readability Get expert guidance on implant choice management of complications including infection and wound healing and failure of mechanisms as well as step by step surgical techniques Quickly find the exact information you need with a straightforward just what you need to know approach including surgical tips and pearls Stay up to date with new insights regarding anatomic landmarks recommended reconstruction options in revision surgery including management of bone defects and instability Access an abundance of surgical videos at Expert Consult

*Revision Hip Arthroplasty* Richard N. Villar, Allan Gross, Derek McMinn, 1997-01-16 This publication will give clear advice to orthopaedic surgeons on the most up to date methods of revising artificial joints when there is bone stock loss It aims to give a practical overview of the revision arthroplasty of the hip dealing not only with problems that may be dealt with by the community orthopaedic surgeons but also those more likely to be referred to orthopaedic surgeons specialising in the area of revision arthroplasty This practical guide and accessible reference text gives an overall picture of the present status of the resources that are available Though more than 500 000 total hip replacements are performed worldwide each year their eventual failure is becoming an ever increasing problem This comprehensive book gives clear advice on the most up to date method of revision surgery for failed hip prostheses with emphasis on the management of bone stock loss Chapters cover the whole spectrum of revision hip arthroplasty of the hip ranging from diagnosis and management of infection to tissue banking femoral reconstruction impaction grafting and acetabular revision *Revision Hip Arthroplasty* is essential reading for orthopaedic surgeons of all grades who undertake hip replacement surgery and for those who wish to accept the more challenging complex cases Rheumatologists rehabilitation specialists and physiotherapists will also find this to be an invaluable source of information

Fundamentals of Revision Hip Arthroplasty David J. Jacofsky, Anthony K. Hedley, 2013 *Fundamentals of Revision Hip Arthroplasty* is a unique and very timely book designed for surgeons who are beginning to more commonly encounter hip revisions in their practice Unlike many traditional books on revision it does not focus on the most difficult and challenging of cases Rather it is intended to guide the surgeon in the evaluation of the failed or painful total joint replacement review basic tenants and surgical principles of revision arthroplasty and guide the surgeon in determining whether a given case is one that should be managed or is best referred to a tertiary orthopedic centre Along with their 32 contributors Drs David J Jacofsky and Anthony K Hedley provide detailed information inside *Fundamentals of Revision Hip Arthroplasty* including appropriate preoperative evaluation equipment requirements surgical planning need for

augments and allograft and surgical techniques Surgeons will be tackling hip revision surgery more frequently as the number of these cases is exponentially increasing This book provides a go to resource to turn to for guidance by community arthroplasty surgeons arthroplasty fellows and residents **Total Hip Revision Surgery** Jorge O. Galante, Aaron G. Rosenberg, John J. Callaghan, 1995 The proceedings of the Eighth Annual Bristol Myers Squibb Zimmer Orthopaedic Symposium held in Chicago November 1993 begin with an analysis of revision hip surgery from a clinical perspective utilizing information from the Swedish Hip Registry followed by 54 papers in sections devoted to mechanisms of failure particulates biological events bone remodeling bone grafting and substitutes diagnostic techniques clinical evaluation of revision surgery socioeconomic issues surgical approaches and cement and component removal clinical results of revision surgery acetabular reconstruction femoral reconstruction new technologies massive grafts in femoral reconstruction and infection Annotation copyright by Book News Inc Portland OR **Revision Surgery in Total Hip Arthroplasty** Boguslaw M. Wroblewski, 2012-12-06 Revision surgery A practical approach to problems and complications of total hip arthroplasty Based on the study of long term results and operative techniques evolved over 20 years experience in this field of work

**Revision Total Hip Arthroplasty** James V. Bono, 1999 This book provides an in depth understanding of a comprehensive approach to revision total hip arthroplasty and its complications from leading authorities in the field Topics include the discussion of failure mechanisms evaluations of the painful total hip descriptions of pre operative planning and preparation for surgery surgical techniques for the acetabulum and femur and evaluation of post operative complications There are also discussions on neurologic injury anesthetic complications cardiac complications femoral stem breakage and abdominal complications In addition there is a section on the future of total revision hip arthroplasty and a discussion on medical malpractice With over 500 illustrations this is the definitive volume on revision total hip arthroplasty **Revision Surgery in Total Hip Arthroplasty** Boguslaw M Wroblewski, 1990-09-30 Femoral Revision Arthroplasty Bernd Fink, 2022-03-23 This practical book combines thorough literature review with extensive clinical experience to provide a clear overview of femoral revision arthroplasty with the aim to present all available surgical techniques and critically discuss pros and cons and evidence based recommendation for each of them A wealth of figures and several videos complement the book and guide the reader through the management of potential pitfalls and complications during and after surgery Particular emphasis is further put on the comparison of different approaches stem types and fixation techniques assisting readers in identifying the best indication Designed as a practically oriented tool this book offers an excellent resource for all specialist hip surgeons and fellows wishing to gain insights into this complex and challenging surgical procedure *Global Joint Registry* Alicia M. Runser, 2020 Total hip arthroplasty THA has become well known as being one of the most successful procedures with much long term positive clinical results However revision surgeries are still required The four most common failure modes for THAs reasons for revision are loosening dislocation or instability fracture and infection The goal of a hip arthroplasty register

is to gather information on patients that undergo a total hip arthroplasty and factors pertaining to their surgery which may affect their outcome for future years such as the reason for revision Analysis of this data can help with the allocation of healthcare funds and the efficacy of on both the clinical and device side The objective of this research was to compile the national registries for hip replacements into a global registry comparing the data from different countries and statistically analyzing the reasons for revision Global trends of revision surgeries were identified and projected A total of 37 national joint registries were identified of which 15 contained data on the failure modes The results showed that the reason for revision had a significant effect on the percentage of revisions with loosening leading to a significantly greater percentage of revisions than any other reason For the countries with the most complete data it was found that the country did not have any significant effect on the percentage of revision Additionally when analyzing various countries over a 5 6 year period it was found that the year did not significantly affect the percentage of revisions

Acetabular Revision Surgery in Major Bone Defects Eduardo García-Rey,Eduardo García-Cimbrelo,2018-10-24 This book reviews the most important issues related to acetabular revision hip surgery and assesses the different management procedures that are currently used in light of the challenging major defects Since the 1970s there has been a continual rise in the annual number of total hip arthroplasty THA procedures which has increased the demand for revision surgeries Most revisions operations of the hip are the result of acetabular problems and early failures are usually related to acetabular bone defects in complex primary THAs Long term failures are mostly due to wear debris and osteolysis related problems and both types of complications are presented throughout the book Surgeons with a special interest in hip reconstruction surgery will find this book to be an essential resource for successfully dealing with highly complex revision procedures

**Arthritis and Arthroplasty: The Hip** Thomas E. Brown,QuanJun Cui,William M. Mihalko,Khaled Saleh,2009-06-18 The Hip a volume in the new Arthritis and Arthroplasty series offers expert guidance on everything from patient selection and pre operative planning to surgical approaches and techniques Clear evidence based coverage details which technology and methodology used for total Hip arthroplasty THA reconstruction or revision is best for each patient Access discussions of debates on minimally invasive surgery component material and bearing options cemented vs uncemented fixation of the components and more Explore alternatives to THA in younger arthritic patients and view expertly narrated video demonstrations of surgical techniques In addition to providing practical pragmatic advice in a concise readable format this Expert Consult title offers the full text of the book as well as links to PubMed and periodic content updates online at expertconsult com Access the full text of the book as well as links to PubMed and periodic content updates on outcome data component materials and surgical techniques online at expertconsult com Features procedural videos narrated by experts on the included DVD so you can see how to perform particular techniques Covers periacetabular osteotomy neurovascular injury and other hot topics to keep you abreast of the latest developments in the specialty Provides evidence based clinically focused guidance on patient selection pre operative

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**Campbell's Operative Orthopaedics, E-Book** Frederick M. Azar, S. Terry Canale, James H. Beaty, 2020-12-23 Still the most widely used comprehensive resource in orthopaedic surgery Campbell's Operative Orthopaedics is an essential reference for trainees a trusted clinical tool for practitioners and the gold standard for worldwide orthopaedic practice Unparalleled in scope and depth this 14th Edition contains updated diagnostic images practical guidance on when and how to perform every procedure and rapid access to data in preparation for surgical cases or patient evaluation Drs Frederick M Azar and James H Beaty along with other expert contributors from the world renowned Campbell Clinic have collaborated diligently to ensure that this 4 volume text remains a valuable resource in your practice helping you achieve optimal outcomes with every patient Features evidence based surgical coverage throughout to aid in making informed clinical choices for each patient Covers multiple procedures for all body regions to provide comprehensive coverage Keeps you up to date with even more high quality procedural videos a new chapter on biologics in orthopaedics and expanded and updated content on hip arthroscopy patellofemoral arthritis and more Follows a standard template for every chapter that features highlighted procedural steps high quality illustrations for clear visual guidance and bulleted text



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**Revision Total Hip Arthroplasty** Yixin Zhou, 2025-01-24 Compared with primary total hip arthroplasty revision total hip arthroplasty is challenging due to more complicated pre operative planning longer operating time more blood loss more uncertainties during operation and uncertainties in clinical outcome This book presents up to date information on revision total hip arthroplasty covering different failures for primary total hip arthroplasty Each chapter starts with the principles of diagnosis and treatment of specific THA failure mechanism and then several typical cases Each case includes history report physical examination laboratory test radiology failure mechanism reconstruction strategy operation record post operative follow up tips tricks and pitfalls Written by experts with wealthy of clinical experience it will be useful reference for arthroplasty surgeons attending orthopedic surgeons residents attendants and researchers and engineers from orthopedic industry

**UHMWPE Biomaterials Handbook** Steven M. Kurtz, 2009-04-27 UHMWPE Biomaterials Handbook describes the science development properties and application of ultra high molecular weight polyethylene UHMWPE used in artificial joints This material is currently used in 1 4 million patients around the world every year for use in the hip knee upper extremities and spine Since the publication of the 1st edition there have been major advances in the development and clinical adoption of highly crosslinked UHMWPE for hip and knee replacement There has also been a major international effort to introduce Vitamin E stabilized UHMWPE for patients The accumulated knowledge on these two classes of materials are a key feature of the 2nd edition along with an additional 19 additional chapters providing coverage of the key engineering aspects biomechanical and materials science and clinical biological performance of UHMWPE providing a more complete reference for industrial and academic materials specialists and for surgeons and clinicians who require an understanding of the biomaterials properties of UHMWPE to work successfully on patient applications The UHMWPE Handbook is the comprehensive reference for professionals researchers and clinicians working with biomaterials technologies for joint replacement New to this edition 19 new chapters keep readers up to date with this fast moving topic including a new section on UHMWPE biomaterials highly crosslinked UHMWPE for hip and knee replacement Vitamin E stabilized UHMWPE for patients clinical performance tribology an biologic interaction of UHMWPE State of the art coverage of UHMWPE technology orthopedic applications biomaterial characterisation and engineering aspects from recognised leaders in the field

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