

How Common Is Revision Spine Surgery?



 Spine Surgeon

Revision Spine Surgery

Michael P Steinmetz, Edward C. Benzel

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 Spine Surgery:

Revision Spine Surgery Gregory D. Schroeder, Ali A. Baaj, Alexander R. Vaccaro, 2019-08-15 Revision spine surgery requires a unique skill set different from performing a primary operation Understanding when a simple revision is sufficient when a more complex approach is needed or when a non surgical option should be considered is critical to good patient care and outcomes In this first book to focus exclusively on the complex topic o **Revision Lumbar Spine Surgery E-Book** Robert F. Heary, 2021-03-03 Offering in depth coverage of an often neglected topic Revision Lumbar Spine Surgery identifies clinical problems and discusses recent major advances in this challenging area Dr Robert F Heary and a team of international experts share their knowledge and experience with even the most difficult lumbar cases helping you provide optimal outcomes for your patients You ll find authoritative guidance on indications diagnosis approaches and follow up with a focus on the significant advances that have occurred over the past two decades in this fast changing field Identifies the clinical problems related to unsuccessful back spine surgery as well as indications diagnosis and new treatment options and advances in this complex area Provides in depth information on the multiple options that exist for most clinical situations anterior posterior lateral and combined anterior and posterior approaches Covers methods of fixation the use of interbody grafting and surgical planning related to scar tissues bleeding and spinal fluid leaks Discusses critical follow up topics such as key clinical procedures radiography patient reported outcomes and pain management Includes timely chapters on robotics bone density issues medical fitness concerns instrumentation options imaging considerations and much more **Revision Spine Surgery** Jean-Pierre C. Farcy, 1999 Since back surgery is often not a one time treatment orthopaedic surgeons specializing in surgery of the spine will find this book to be quite helpful in learning more about many of the recurring symptoms and diagnoses Plus various treatment and options are discussed The book moves from the epidemiology of revisions to mechanical aspects to evaluation and indications for revision surgery to anatomical and technical considerations The final chapter covers a look at future techniques and technology concerned with this specialized field Emphasis is on very practical and technical details regarding operative procedures Numerous step by step procedural illustrations Contributors are world experts in this area This is the first book to cover what has become an important problem in spine surgery

Revision Lumbar Spine Surgery Robert F. Heary, 2021-04-06 Offering in depth coverage of an often neglected topic Revision Lumbar Spine Surgery identifies clinical problems and discusses recent major advances in this challenging area Dr Robert F Heary and a team of international experts share their knowledge and experience with even the most difficult lumbar cases helping you provide optimal outcomes for your patients You ll find authoritative guidance on indications diagnosis approaches and follow up with a focus on the significant advances that have occurred over the past two decades in this fast changing field Identifies the clinical problems related to unsuccessful back spine surgery as well as indications diagnosis and new treatment options and advances in this complex area Provides in depth information on the multiple options that exist for

most clinical situations anterior posterior lateral and combined anterior and posterior approaches Covers methods of fixation the use of interbody grafting and surgical planning related to scar tissues bleeding and spinal fluid leaks Discusses critical follow up topics such as key clinical procedures radiography patient reported outcomes and pain management Includes timely chapters on robotics bone density issues medical fitness concerns instrumentation options imaging considerations and much more Enhanced eBook version included with purchase Your enhanced eBook allows you to access all of the text figures and references from the book on a variety of devices

[The Resident's Guide to Spine Surgery](#) Joseph R. O'Brien, S. Bobby Kalantar, Doniel Drazin, Faheem A. Sandhu, 2019-11-23 With an emphasis on set up and execution and lessons learned from expert practitioners this concise practical guide for residents and fellows presents the essentials for both common and complex spine surgery Proceeding anatomically from the cervical to the sacroiliac and including chapters on spinal tumors infection and revision surgery nearly 40 different procedures are highlighted from corpectomy arthroplasty and laminectomy to percutaneous screws decompression and fusion Chapters include all the information a resident will need to know indications and contraindications imaging and diagnosis OR set up and instrumentation selection the specific operative technique post operative protocols and clinical pearls and pitfalls Radiographs and full color intraoperative photographs accompany each procedure Whether suturing dura or performing a lateral interbody fusion spinal surgery is a technical pursuit and having a firm grasp of the details can ultimately determine the procedure's success Written and edited by veterans in orthopedic surgery and neurosurgery The Resident's Guide to Spine Surgery is just the detailed user friendly resource for up and coming clinicians looking to develop and expand their surgical expertise

[Complications in Orthopaedics: Spine Surgery - E-Book](#) Vikas Patel, Christopher J. Kleck, Stephen Thompson, 2024-07-06 The difference between an average surgeon and a master surgeon is often an ability to navigate and resolve surgical complications Complications in Orthopaedics Spine Surgery provides expert guidance and offers real solutions to improve patient outcomes for both the trainee and the experienced surgeon This brand new volume in the Complications in Orthopaedics series from series editor Dr Stephen R Thompson along with expert spinal surgeons Drs Vikas Patel and Christopher J Kleck focuses on how to recognize and avoid errors during spine surgery with thorough coverage of preoperative errors intraoperative issues and postoperative complications Helps you navigate a wide variety of inevitable difficult situations in spine surgery whether errors in judgment technical mistakes or unavoidable outcomes Covers key topics such as Avoiding Complications in Pain Management Before and After Spine Surgery Managing Spinal Cord Injuries Complications Associated with Congenital and Neuromuscular Scoliosis Osteotomy and Surgical Correction Related Complications and more Features a full color design with numerous photographs radiographs and illustrations Includes clinical images and MRI and CT scans to enhance and reinforce the material Follows a templated reader friendly format throughout Includes introductory material on relevant anatomy and necessary background information

[Complications of Pediatric and Adult Spinal Surgery](#) Alexander R.

Vaccaro, John J. Regan, Alvin H. Crawford, Edward C. Benzel, David Greg Anderson, 2004-09-15 With contributions from more than 100 renowned authorities in the field this reference compiles treatment recommendations and tips for a myriad of complications associated with nonoperative and operative management of various spinal pathologies in children and adults providing expert guidance on complication identification recognition management **Operative Techniques in Spine**

Surgery John Rhee, Scott D. Boden, 2015-12-07 Derived from Sam W Wiesel's four volume Operative Techniques in Orthopaedic Surgery this single volume resource contains the user friendly step by step information you need to confidently perform the full range of operative techniques in spine surgery In one convenient place you'll find the entire Spine section as well as relevant chapters from the Oncology and Pediatrics sections of Operative Techniques in Orthopaedic Surgery Superb full color illustrations and step by step explanations help you master surgical techniques select the best procedure avoid complications and anticipate outcomes Written by global experts from leading institutions Operative Techniques in Spine Surgery 2nd Edition provides authoritative easy to follow guidance to both the novice trainee or experienced surgeon

Endoscopy of the Spine Tun Hing Lui, 2023-01-16 This book provides detailed advancement of endoscopic procedures of the spine It covers basic knowledge of endoscopic procedures and dedicated introduction of surgical techniques for treatment of diseases in spine with better surgical outcome and less surgical morbidity Endoscopic procedures with their advantage in surgical exposure and post operative rehabilitation have been extensively performed in orthopedic diseases Cases presentation with well illustrated endoscopic photos for common clinical conditions was provided The format is a step by step procedure for easy reference particularly for surgeons in their training **Spine Secrets Plus** Vincent J.

Devlin, 2011-06-15 Spine Secrets Plus a Secrets Series title in the new PLUS format gives you the answers you need to succeed on your rotations your boards and your career Dr Vincent J Devlin provides the expert perspective you need to grasp the nuances of spine surgery and related specialties This new edition offers expanded coverage a larger format and colorful visual elements to provide an overall enhanced learning experience All this along with the popular question and answer approach makes it a perfect concise board review tool and a handy clinical reference Prepare effectively with the proven question and answer format of the highly acclaimed Secrets Series Master all common conditions and their treatments Identify key facts using the Top 100 Secrets Review material quickly thanks to bulleted lists tables and short answers Apply memory aids and secrets from experts in the field Get an overall enhanced learning experience from the new PLUS format with an expanded size and layout for easier review more information and full color visual elements Stay current on the latest standards in medical care thanks to extensive updates including new chapters on Spinal Cord Stimulation and Implantable Drug Delivery Systems Special surgical Techniques for the Growing Spine Pathophysiology of Degenerative Disorders of the Spine Discogenic Low Back Pain Treatment Options for Osteoporotic Vertebral Compression Fractures and Disorders Affecting the Spinal Cord and Nerve Roots See a clearer picture of what you encounter in practice through larger detailed

images and illustrations Find information quickly and easily with additional color that enhances tables legends key points and websites

Innovations and new technology in spine surgery G. Bryan Cornwall,William Robert Walsh,Ralph Jasper Mobbs,2023-11-07

Benzel's Spine Surgery E-Book Michael P Steinmetz,Edward C. Benzel,2016-06-29 In the latest edition of Benzel s Spine Surgery renowned neurosurgery authority Dr Edward C Benzel along with new editor Dr Michael P Steinmetz deliver the most up to date information available on every aspect of spine surgery Improved visuals and over 100 brand new illustrations enhance your understanding of the text while 26 new chapters cover today s hot topics in the field A must have resource for every neurosurgeon and orthopedic spine surgeon Benzel s Spine Surgery provides the expert step by step guidance required for successful surgical outcomes Glean essential up to date information in one comprehensive reference that explores the full spectrum of techniques used in spine surgery Covers today s hot topics in spine surgery such as pelvic parameters in planning for lumbar fusion minimally invasive strategies for the treatment of tumors and trauma of the spine and biologics and stem cells A total of 18 intraoperative videos allow you to hone your skills and techniques New editor Michael P Steinmetz brings fresh insights and improvements to the text Features the addition of 26 chapters including Biologics in Spine Fusion Surgery Endoscopic and Transnasal Approaches to the Craniocervical Junction Cellular Injection Techniques for Discogenic Pain Minimally Invasive Techniques for Thoracolumbar Deformity Spinal Cord Herniation and Spontaneous Cerebrospinal Fluid Leak MIS Versus Open Spine Surgery Extensive revisions to many of the existing chapters present all of the most up to date information available on every aspect of spine surgery Improved visuals and over 100 brand new illustrations enhance learning and retention

Motion Preservation Surgery of the Spine James J. Yue,Rudolph Bertagnoli,Paul C. McAfee,Howard S. An,2008-06-11 New motion preserving devices are revolutionizing spine surgery but the learning curve for these operations is steep and great attention must be given to patient and device selection and the perfect execution of each procedure Only one reference spells out exactly how to perform these new techniques and its peerless author team comprised of key investigators involved in the devices actual clinical trials is uniquely qualified to help you get the best results These global leaders in this area discuss the advantages and disadvantages of the full range of non fusion technologies and present the step by step richly illustrated operative guidance you need to achieve optimal outcomes Select the best device and approach for each patient cervical total disc arthroplasty lumbar total disc arthroplasty lumbar partial disc replacement nucleus replacement lumbar posterior dynamic stabilization pedicle screw based lumbar posterior dynamic stabilization interspinous based lumbar facet replacement Produce optimal outcomes with detailed advice on advantages and disadvantages of each option indications and contraindications patient selection interpretation of imaging studies surgical anatomy and biomechanics surgical techniques tips and pearls See how to perform each technique thanks to step by step full color illustrations

Integrating Pain Treatment into Your Spine Practice Steven M. Falowski,Jason E. Pope,2016-04-08 This book fills the gap in knowledge and patient care by showing spine surgeons how to integrate pain

management techniques into their practice The first of its kind Integrating Pain Treatment into Your Spine Practice is in tune with current efforts by major neurosurgical and neuromodulation societies and leading manufacturers of neuromodulation equipment to educate spine surgeons on the management of their patients post surgical pain Designed as an all in one volume this book explains how to identify candidates for pain treatment and when to refer them to specialists It also presents how to clinical information on approaches to managing pain from the medical to the interventional and provides practical business guidance on coding and reinforcement *Spine Surgery 2-Vol Set E-Book* Edward C. Benzel,2012-05-14 Build a solid foundation of knowledge based on the fundamentals and employ step by step instruction from Spine Surgery Edited by Edward C Benzel this best selling medical reference explores the full spectrum of surgical techniques used in spine surgery and delivers the comprehensive cutting edge guidance you need to achieve successful outcomes Online access thorough updates contributions by leading international authorities an abundance of detailed illustrations and procedural video clips provide everything you need to avoid and manage complex problems Glean essential up to date need to know information in one comprehensive reference that explores the full spectrum of surgical techniques used in spine surgery Hone your surgical skills and technique with intraoperative videos and more than 800 outstanding illustrations demonstrating each technique step by step Grasp and apply the latest knowledge from more than 25 brand new chapters as well as extensive revisions or total rewrites to the majority of existing chapters to present all of the most up to date information available on every aspect of spine surgery including motion preservation technologies endovascular management back pain and psychosocial interactions biomechanics and more Consult with the best Renowned neurosurgery authority Edward C Benzel leads an international team of accomplished neurosurgeons and orthopedic surgeons many new to this edition who provide dependable guidance and share innovative approaches to surgical techniques and complications management Equip yourself to address increasing occurrences of pain among aging and physically active patients Access the information you need where you need it on your laptop or mobile device via expertconsult.com with fully searchable text a wealth of procedural videos online updates from the experts downloadable image gallery and links to PubMed **Youmans and Winn Neurological Surgery E-Book** H. Richard Winn,2022-01-21 Widely regarded as the definitive reference in the field Youmans and Winn Neurological Surgery offers unparalleled multimedia coverage of the entirety of this complex specialty Fully updated to reflect recent advances in the basic and clinical neurosciences the 8th Edition covers everything you need to know about functional and restorative neurosurgery deep brain stimulation stem cell biology radiological and nuclear imaging and neuro oncology as well as minimally invasive surgeries in spine and peripheral nerve surgery and endoscopic and other approaches for cranial procedures and cerebrovascular diseases In four comprehensive volumes Dr H Richard Winn and his expert team of editors and authors provide updated content a significantly expanded video library and hundreds of new video lectures that help you master new procedures new technologies and essential anatomic knowledge in neurosurgery Discusses current

topics such as diffusion tensor imaging brain and spine robotic surgery augmented reality as an aid in neurosurgery AI and big data in neurosurgery and neuroimaging in stereotactic functional neurosurgery 55 new chapters provide cutting edge information on Surgical Anatomy of the Spine Precision Medicine in Neurosurgery The Geriatric Patient Neuroanesthesia During Pregnancy Laser Interstitial Thermal Therapy for Epilepsy Fetal Surgery for Myelomeningocele Rehabilitation of Acute Spinal Cord Injury Surgical Considerations for Patients with Polytrauma Endovascular Approaches to Intracranial Aneurysms and much more Hundreds of all new video lectures clarify key concepts in techniques cases and surgical management and evaluation Notable lecture videos include multiple videos on Thalamotomy for Focal Hand Dystonia and a video to accompany a new chapter on the Basic Science of Brain Metastases An extensive video library contains stunning anatomy videos and videos demonstrating intraoperative procedures with more than 800 videos in all Each clinical section contains chapters on technology specific to a clinical area Each section contains a chapter providing an overview from experienced Section Editors including a report on ongoing controversies within that subspecialty Enhanced eBook version included with purchase Your enhanced eBook allows you to access all of the text figures and references from the book on a variety of devices

Youmans Neurological Surgery E-Book H. Richard Winn, 2011-11-17 Effectively perform today's most state of the art neurosurgical procedures with *Youmans Neurological Surgery* 6th Edition edited by H. Richard Winn MD Still the cornerstone of unquestioned guidance on surgery of the nervous system the new edition updates you on the most exciting developments in this ever changing field In print and online it provides all the cutting edge details you need to know about functional and restorative neurosurgery FRN deep brain stimulation DBS stem cell biology radiological and nuclear imaging neuro oncology and much more And with nearly 100 intraoperative videos online at www.expertconsult.com as well as thousands of full color illustrations this comprehensive multimedia 4 volume set remains the clinical neurosurgery reference you need to manage and avoid complications overcome challenges and maximize patient outcomes Overcome any clinical challenge with this comprehensive and up to date neurosurgical reference and ensure the best outcomes for your patients Rely on this single source for convenient access to the definitive answers you need in your practice Successfully perform functional and restorative neurosurgery FRN with expert guidance on the diagnostic aspects medical therapy and cutting edge approaches shown effective in the treatment of tremor Parkinson's disease dystonia and psychiatric disorders Sharpen your neurosurgical expertise with updated and enhanced coverage of complication avoidance and intracranial pressure monitoring epilepsy neuro oncology pain peripheral nerve surgery radiosurgery radiation therapy and much more Master new techniques with nearly 100 surgical videos online of intraoperative procedures including endoscopic techniques for spine and peripheral nerve surgery the surgical resection for spinal cord hemangiomas the resection of a giant AVM and the radiosurgical and interventional therapy for vascular lesions and tumors Confidently perform surgical techniques with access to full color anatomic and surgical line drawings in this totally revised illustration program Get fresh perspectives from new

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Surgical Management of Spinal Deformities E-Book Thomas J. Errico, Baron S. Lonner, Andrew W. Moulton, 2008-11-18 A who's who in this challenging field brings you state of the art approaches to the full range of surgical management options including reconstructive procedures for the pediatric and adult patient with spinal deformity Experts discuss the course of treatment for patients in different age groups and take into consideration the extent of the curve at the time of diagnosis and during follow up the patient's stage of bone growth the amount of pain and deformity associated with the condition and the patient's willingness and ability to withstand surgery Plus a section on general information such as practical surgical anatomy imaging applied biomechanics and instrumentation helps you approach each patient more effectively Emphasizes technical skills and surgical decision making including pearls pitfalls and illustrative case studies offering you expert advice on technically challenging surgeries Provides the very latest information on minimally invasive endoscopic and mini open approaches to broaden your surgical options and minimize post operative complications Discusses peri operative considerations including anesthesia blood loss management bone graft and fusion enhancement neural monitoring and complications keeping you prepared for any event Presents full color line artwork of surgical procedures as well as diagnostic and clinical photographs for superb visual guidance Offers a consistent format throughout and a full color design for ease of reference

Bridwell and DeWald's Textbook of Spinal Surgery Keith H. Bridwell, Munish Gupta, 2019-11-04 Written by experts from around the world the latest edition of this leading reference features contributions from both neurosurgeons and orthopaedic surgeons Presenting the full scope of spinal surgery chapters discuss anatomy biomechanics complications instrumentation preoperative and postoperative care and other core topics for surgeons And numerous illustrations and clinical video clips provide critical visual context

Best Evidence for Spine Surgery E-Book Rahul Jandial, Steven R. Garfin, 2012-02-01 Best Evidence for Spine Surgery provides representative cases that help you determine the optimal surgical interventions for your patients Drs Rahul Jandial and Steven R Garfin and a balanced team of preeminent neurosurgeons and orthopaedists address the trend toward a more collaborative approach between spine and orthopaedic surgery This easy to read evidence based resource also features Tips from the masters for a quick review of important elements of diagnosis and treatment Choose the best options for your patients using evidence that supports the optimal surgical intervention for each case Apply a multi disciplinary approach through coverage that reflects the changing nature of the specialty with chapters written by neurosurgeons and orthopaedists Quickly review the most important elements of diagnosis through Tips from the masters Easily find the information you need with a consistent case based format that clearly presents evidence and techniques

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