

Textbook Of Spinal Surgery

The Resident's Guide to Spine Surgery
 Anesthesia for Spine Surgery
 Spinal Disorders
 Interventional Spine
 Essential Step-by-Step Techniques for Minimally Invasive Spinal Surgery
 Surgery of the Spine
 AO ASIF Principles in Spine Surgery
 Textbook of Spinal Disorders
 Manual of Spine Surgery
 Biomechanics of the Spine
 Spinal Instability
 Textbook of Surgery
 AO Spine Textbook
 Surgery of the Pediatric Spine
 Spine Surgery Basics
 The Textbook of Spinal Surgery
 Textbook of the Cervical Spine E-Book
 The Textbook of Spinal Surgery
 Spine Trauma
 Atlas of Spinal Operations
 Textbook of Spinal Surgery(2vols) by Ramani
 Video Atlas of Spine Surgical Techniques
 The Psychology of Spine Surgery
 Principles of Neurological Surgery E-Book
 Revision Spine Surgery
 Handbook of Spine Surgery
 Spine Surgery
 The Textbook of Spinal Surgery
 Surgical Approaches to the Spine
 Spine Surgery
 Schroth's Textbook of Scoliosis and Other Spinal Deformities
 Spondylolisthesis
 Spinal Tumor Surgery
 Revision Lumbar Spine Surgery E-Book
 Advanced Techniques of Endoscopic Lumbar Spine Surgery
 50 Landmark Papers Every Spine Surgeon Should Know
 The Textbook of Spinal Surgery
 Oxford Textbook of Neurological Surgery
 Endoscopic Spine Surgery
 Bridwell and DeWald's Textbook of Spinal Surgery

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ASHLEY MARQUES

The Resident's Guide to Spine Surgery Springer Science & Business Media
 Spinal surgeons treat spinal trauma patients on a regular basis in their hospital emergency rooms. This well-illustrated, hands-on guide to the many surgical techniques required in these situations provides a solid basis for the management of spinal trauma.
Anesthesia for Spine Surgery Springer Nature
 Textbook of Surgery is a core book for medical and surgical students providing a comprehensive overview of general and speciality surgery. Each topic is written by an expert in the field. The book focuses on the principles and techniques of surgical management of common diseases. Great emphasis is placed on problem-solving to guide students and junior doctors through their surgical training. Throughout the book are numerous reproducible line drawings, tables and boxes that will prove invaluable for learning and revision. In addition there are detailed guidelines provided for surgical management. Up-to-date and ideal for medical students and junior doctors on surgical attachments and a perfect refresher for RACS and MRCS candidates. Reviews of the last edition "The textbook presents a compact and contemporary overview and is not so much a reference book as a working tome suitable for familiarization with current trends in treatment and diagnosis in these various areas. ...found this textbook very informative and a pleasure to read." ANZ Journal of Surgery Vol. 72, No. 12.
Spinal Disorders Elsevier Health Sciences
 This easy-to-consult guide describes new minimally invasive procedures for the treatment of spinal instability that are accompanied by fewer complications and side-effects, reduce the risks of anesthesia, and lower costs. Clear accounts of a range of CT, X-ray, and MRI guided techniques are provided, including radiofrequency ablation in facet syndrome, cervical spine fusion, posterior and anterior lumbar spine fusion, and lumbosacral fusion. A brief but comprehensive introduction is included on biomechanics, relevant clinical syndromes, and diagnostic imaging. Like other books in the Springer series New Procedures in Spinal Interventional Neuroradiology, this practice-oriented volume will fill a significant gap in the literature and meet the need expressed by a large number of specialists (interventional neuroradiologists and radiologists, neurosurgeons, and orthopedists) for a topical and handy guide that specifically illustrates the presently available materials and methods.
Interventional Spine Elsevier Health Sciences
 A single-volume reference for managing pediatric spine disorders

and disease Ideal for neurosurgeons, pediatric neurosurgeons, and orthopedic surgeons, *Surgery of the Pediatric Spine* is a comprehensive multidisciplinary reference for the surgical management of the most frequently encountered spine problems in the pediatric patient. An overview of developmental and clinical aspects provides essential information on biomechanics, neuroimaging, preoperative evaluation, anesthesia, and neurophysiological monitoring. The book goes on to present the surgical anatomy and various approaches to the spine and spinal cord. Chapters are grouped into easy-to-reference sections that are organized by type of problem, including congenital anomalies and developmental disorders; neoplasms; vascular malformations; inflammatory and infectious diseases; neuromuscular disease; trauma; and deformities. The book also presents special techniques for the treatment of spinal deformity, such as osteotomy, vertebrectomy, VEPTR expansion thoracoplasty, and fusionless techniques. A chapter devoted to the rehabilitation of children with spinal cord injury covers the principles and key concepts in treatment, as well as the possible secondary complications and challenges that are unique to pediatric patients. Highlights: Clinical insights from well-known experts in the fields of neurosurgery, pediatric neurosurgery, and orthopedics Detailed information for each stage of management guides the reader through clinical presentation, diagnostic studies, indications, operative techniques, nonsurgical treatments, possible complications, and outcomes More than 1,000 illustrations and images demonstrate key concepts Numerous cases in selected chapters illustrate management principles and treatment outcomes An invaluable resource for multidisciplinary approaches to patient care, this comprehensive text provides readers with a solid foundation in the specific issues associated with treating the pediatric patient with spine disease and disorders.

Essential Step-by-Step Techniques for Minimally Invasive Spinal Surgery

 Thieme

Annotation Written by three psychologists and one orthopedic spine surgeon, this book demonstrates that surgery to relieve chronic back pain can be greatly augmented by the inclusion of psychological components in the assessment and preparation of patients for spine surgery, as well as in post-operative rehabilitation. It offers specific techniques for screening out patients who will not benefit from surgery, preparing patients to undergo surgery, and improving rehabilitation outcomes. Annotation (c)2003 Book News, Inc., Portland, OR (booknews.com).

Surgery of the Spine Springer Science & Business Media
 Praise for this book:[Four stars] This book is required reading for orthopedic and neurosurgical fellows and residents...very highly

recommend[ed]...outstanding.--Doody's Review This best-selling book returns in a second edition covering the major procedures in spine surgery and the latest technical innovations in the field. Retaining the comprehensive scope and accessible presentation of the previous edition, the book distills the basic elements of each procedure using concise descriptions and simple line drawings. New sections of the book cover minimally invasive exposure methods, motion-sparing techniques, and the latest fixation techniques. Highlights: Each chapter outlines the essentials of the procedure in just a few pages Consistent presentation throughout the book enhances ease of use Tips, pearls, lessons learned, special considerations, pitfalls, and bailout, rescue, and salvage procedures emphasize critical points to help ensure a safe and effective procedure Nearly 500 illustrations demonstrate key technical points Concise and up-to-date, this book serves as an invaluable quick reference prior to surgery. It is ideal for clinicians and residents in spine surgery, orthopedics, and neurosurgery.

AO ASIF Principles in Spine Surgery

 Springer

There has been an exponential increase in the volume and quality of published research relating to spine care over the last several decades. Among thousands of articles, a small fraction has been shown to be truly "game changing," forcing the entire field to pause and take notice. These landmark studies may describe a new procedure or surgical approach, evaluate the relative effects of known treatments or techniques, introduce a new classification system, or provide new insights into natural history or disease prognosis. Such studies form the foundations of spine surgery today. This book will be a useful reference not only to the established spine surgeon, but also to neurosurgery and orthopedic residents, as well as to spine surgery fellows as they continue to fortify their knowledge surrounding spinal disorders. Further, this will no doubt serve as a useful evidence-based resource for trainees studying for professional examinations and perhaps most importantly challenge and inspire clinicians to produce high-quality impactful research.

Textbook of Spinal Disorders

 Elsevier Health Sciences

The ultimate resource for learning and mastering minimally invasive spine surgery techniques An estimated 1.5 million instrumented spinal procedures are performed every year in the US. The majority of decompressions and about 50% of fusion procedures can be performed completely or partially using minimally invasive spine surgery (MISS) techniques. The full potential of MISS techniques has yet to be realized. Essential Step-by-Step Techniques for Minimally Invasive Spinal Surgery by internationally renowned MISS neurosurgeon Roger Härtl, spine neurosurgeon Rodrigo Navarro-Ramirez, and an impressive group of global multidisciplinary contributors is the most comprehensive

and detailed textbook written to date on this topic. The foundation of the book is built on six interacting principles critical to surgical success, and MISS in particular: Target, Technology, Technique, Teaching and Training, Testing, and Talent. The text starts with an opening chapter on the definition of MISS and introduction of these principles. Fifty-six subsequent chapters provide a comprehensive discussion on how to utilize an MISS approach for a full spectrum of spinal pathologies using nuanced variations specific to the operating surgeon. To ensure readers are well versed in all aspects of MISS, these chapters include painstaking details on indications, contraindications, pathoanatomy, operating room set-up, step-by-step techniques, and postoperative management. Key Highlights Contributions from master spine surgeons across the world provide a balanced global perspective on mastering and incorporating diverse techniques into practice Invaluable clinical pearls including tips/tricks and complication avoidance High-quality images, figures, anatomic drawings, and imaging studies illustrate relevant anatomic approaches and corridors and delineate why anatomic mastery is critical to MISS Twenty-five videos enhance the ability to learn and implement MISS approaches This is a must-have resource for practicing spine surgeons interested in MISS who wish to learn the latest techniques from master surgeons and achieve optimal patient outcomes. The text and videos also provide a robust training tool for senior-level orthopaedic and neurosurgery residents and spine fellows.

Manual of Spine Surgery Elsevier Health Sciences

This video atlas covers a broad range of spinal surgical procedures. The volume includes a collection of high quality 3- to-8 minute videos of some of the most critical spine operations performed by internationally renowned expert surgeons. Key features of the book contents include: o Downloadable high quality video content with subtitles suitable for viewing on any display (A brief preview of the book content can be viewed at <https://www.youtube.com/watch?v=SxMi4UFj7HA>) o Detailed descriptions of surgical indications, preoperative planning, patient positioning, surgical technique, complications, postoperative care and outcomes for each procedure o Full color images and illustrations highlighting different key stages of each surgical technique The video format allows skill development of its intended audience by conveying temporal and spatial details which often go unnoticed in photograph format. This volume will be of immense interest to both the novice and the experienced spinal surgeon as they can benefit from the visual guides presented in the book. It also serves as an ideal teaching tool for spine surgery units in medical schools.

Biomechanics of the Spine CRC Press

This book covers the content of European postgraduate spine surgery courses, using a case-based approach. It describes a stepwise solution to a real-world clinical problem and compares this with the best available evidence. It then provides suggestions on how to bridge the gap (if there is one) between standard of care and evidence-based medicine. Spine Surgery: A Case-Based Approach is aimed at postgraduate students of spine surgery (both trainee neurosurgeons and trainee orthopedic surgeons), and is also of interest to medical students.

Spinal Instability Thieme

The principles of treatment of spinal disorders are covered in this comprehensive, lavishly illustrated text. Corresponding X-Rays, CTs and MRIs are included with most of the line drawings to accentuate important landmarks and findings. Spinal deformity, biomechanics of the spine, embryology, osteoporosis, disorders of the cervical spine, non-operative care of the spine, tumors of the spine and physical examination are discussed. An overview of epidemiology and the treatment of congenital and acquired disorders are also included. Each chapter features a "key points" section for quick reference and review.

Textbook of Surgery Lippincott Williams & Wilkins

Perfect for anyone considering or training in this challenging specialty, Principles of Neurological Surgery, 4th Edition, by Drs. Richard G. Ellenbogen, Laligam N. Sekhar, and Neil Kitchen, provides a clear, superbly illustrated introduction to all aspects of neurosurgery—from general principles to specific techniques. Thorough updates from leading authors ensure that you'll stay abreast of the latest advances in every area of neurosurgery, including pre- and post-operative patient care, neuroradiology, pediatric neurosurgery, neurovascular surgery, trauma surgery, spine surgery, oncology, pituitary adenomas, cranial base neurosurgery, image-guided neurosurgery, treatment of pain, epilepsy surgery, and much more. - Offers comprehensive coverage without being encyclopedic - just the right amount of information for those in training or who need an introduction to the field. - Provides a strong visual understanding of the essentials of neurosurgery with abundant high-quality

illustrations, including imaging, pathology, clinical and operative photographs, surgical line drawings, diagrams, tables, and figures. - Presents information in an easy-to-understand, well-written manner, helping you quickly grasp the principles and problems of today's neurosurgery. - Features new and improved videos, more emphasis on anatomy and radiology, and new evidence and techniques, keeping you up to date with the latest advances in the field. - Expert Consult™ eBook version included with purchase. This enhanced eBook experience allows you to search all of the text, figures, and references from the book on a variety of devices.

AO Spine Textbook Springer Nature

Now in a fully revised and expanded second edition, this comprehensive text remains the definitive source for information related to the care of adult and pediatric patients with spondylolisthesis. It presents a complete analysis of this common yet intricate spinal condition, including basic science, diagnosis, non-surgical management, surgical techniques (including minimally invasive options and biologics) and outcomes. The management of the various types of spondylolisthesis requires a thorough understanding of both fundamental principles and subtle nuances, which are highlighted here in three sections. Part I details the basic principles, diagnosis and non-surgical management of spondylolisthesis, including anatomy and biomechanics, clinical evaluation of both adult and pediatric patients, and imaging and classification. Part II covers surgical management with a step-by-step discussion of strategies, techniques and tips that are necessary to apply standard procedures to this specific disorder. Procedures that are covered here include decompression, spinal fusion from various approaches, and the latest minimally invasive and endoscopic techniques. Part III discusses the outcomes and complications of surgical treatment, as well as interoperative neuro-monitoring and value considerations. Written and edited by top clinicians in the field, Spondylolisthesis remains an invaluable resource for orthopedic and neurological spine surgeons, rehabilitation physicians, residents, fellows, and any caregiver who treats the spine.

Surgery of the Pediatric Spine Bentham Science Publishers

Patients and families coping with scoliosis and other spinal deformities are increasingly seeking better solutions for care and management. The recent worldwide expansion of the Schroth method, an exercise rehabilitation treatment originating in Germany, and its new advancements in compatible bracing have led to the need for an overview of evidence-based treatment principles. This comprehensive textbook is the first of its kind from the Schroth Best Practice Academy, an international group of highly esteemed and experienced scoliosis practitioners and researchers. A collaborative body of work, it focuses on the most common spinal deformities and provides current methods of non-surgical treatment. It highlights cutting-edge treatment options often disregarded by mainstream medicine, and will serve to guide and enhance the knowledge of conservative treatment practitioners desiring to help patients improve treatment outcomes and quality of life.

Spine Surgery Basics Springer Nature

Founded by four Swiss surgeons in 1958, AO Spine is a premier knowledge provider in spine surgery and at the forefront of education and research. Endorsed by AO Spine, this book is a comprehensive guide to the management of spinal disorders. Beginning with a general overview of the spine and its physiology and biomechanics, the next section extensively covers the paediatric spine and associated disorders. The following sections discuss conditions found in the different anatomical sections of the spine - cervical, thoracic and lumbosacral - and their history, physical examination, diagnosis and surgical and non-operative management techniques. The final part of the book explores future trends in spine surgery. Authored by leading US-based neuro and orthopaedic surgeons, this textbook is highly illustrated with more than 650 surgical images, diagrams and tables. Key points Comprehensive guide to surgical and non-operative management of spinal disorders Endorsed by AO Spine committee Covers diagnosis and treatment of numerous conditions in each section of the spine Highly experienced and renowned, US-based author team

The Textbook of Spinal Surgery John Wiley & Sons

Recognized as one of the leading references on the spine, this comprehensive text brings together experts from around the world to discuss the full scope of spinal surgery. This edition presents expanded coverage of all aspects of spinal surgery including cervical, thoracic and lumbar spine; adult and pediatric; degenerative, deformity, tumors, fractures, infections and more. It also discusses indications, conditions, surgical technique, pre- and postoperative care and possible complications. Highly visual, this

text contains 700 new illustrations

Textbook of the Cervical Spine E-Book Lippincott Williams & Wilkins

This book is a superbly illustrated guide to the latest endoscopic approaches employed in surgery to the lumbar spine. In the past, spinal endoscopic surgeries have been performed mainly in the treatment of lumbar disc herniation, but indications have now expanded owing to breakthroughs in surgical methods and instruments. Furthermore, in addition to the traditional percutaneous transforaminal approach, various other approaches are now feasible, including the posterior, paraspinous, transpedicular, and contralateral. This book describes and illustrates the full array of approaches in indications including lumbar central stenosis, lumbar foraminal stenosis, and lumbar disc herniation. Detailed guidance is also provided on endoscopic lumbar interbody fusion, covering the oblique, uniportal, and biportal approaches. Supplementary surgical videos further facilitate understanding and execution of the described procedures. Written by expert spinal endoscopy surgeons with extensive practical experience and a record of academic achievement, the book will be an ideal aid for spine surgeons at all levels of experience.

The Textbook of Spinal Surgery Springer Science & Business Media

Handbook of Spine Surgery, Second Edition, is a completely updated and comprehensive reference that distills the basic principles of contemporary spine surgery. Its coverage of both principles and techniques makes it an excellent refresher before surgery or a valuable daily companion for residents and surgeons caring for patients with spinal disorders. Key Features of the Second Edition: New chapters on adult degenerative deformity, pediatric scoliosis and radiographic principles of deformity Expanded spinal trauma section now includes separate chapters on cervical, thoracolumbar, and sacropelvic injuries Common clinical questions (with answers) at the end of each chapter highlight topics frequently encountered in the operating room and on board exams Easy-to-read bulleted format The second edition of this handbook is the go-to guide for all those involved in spine surgery.

Spine Trauma Jaypee Brothers Medical Publishers

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.

Atlas of Spinal Operations LWW

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.