

# Advanced Techniques In Minimally Invasive And Robotic Colorectal Surgery

Minimally Invasive Oral and Maxillofacial Surgery  
Advanced Techniques in Minimally Invasive and Robotic Colorectal Surgery  
Minimally Invasive Spine Surgery, An Issue of Neurosurgery Clinics of North America  
Atlas of Minimally Invasive Hand and Wrist Surgery  
Minimally Invasive Periodontal Therapy  
Primer of Robotic and Telerobotic Surgery  
Advanced Techniques in Image-guided Brain and Spine Surgery  
Minimally Invasive Cancer Management  
Difficult Decisions in Thoracic Surgery  
Techniques in Minimally Invasive Rectal Surgery  
Minimally Invasive Surgery of the Lumbar Spine  
Minimally Invasive Thyroidectomy  
Imaging of Lung Cancer, An Issue of Radiologic Clinics of North America - E-Book  
Minimally Invasive Spinal Deformity Surgery  
Campbell's Operative Orthopaedics E-Book  
Minimally Invasive Spine Surgery  
Advanced Techniques in Musculoskeletal Medicine & Physiotherapy  
Pageburst E-book on Vitalsource  
Minimally Invasive Surgical Procedures—Advances in Research and Application: 2013 Edition  
Procedures, Techniques, and Minimally Invasive Monitoring in Intensive Care Medicine  
Minimally Invasive Spine Surgery  
Irwin & Rippe's Procedures, Techniques and Minimally Invasive Monitoring in Intensive Care Medicine  
Minimally Invasive Periodontal Therapy  
Rothman-Simeone The Spine E-

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BookAdvanced Techniques in Musculoskeletal Medicine & PhysiotherapyAdvanced Surgical Techniques in Snoring and Obstructive Sleep ApneaMinimally Invasive Fracture Repair, An Issue of Veterinary Clinics: Small Animal Practice - E-BookAdvanced Therapy in Minimally Invasive SurgeryAdvanced Techniques of Endoscopic Lumbar Spine SurgeryVideo Atlas of Advanced Minimally Invasive SurgeryAdvanced Therapy in Thoracic SurgeryVideo Atlas of Advanced Minimally Invasive Surgery E-BookSingle Port Advanced Laparoscopic HysterectomyPrinciples of Laparoscopic SurgeryMinimally Invasive Percutaneous Spinal Techniques E-BookThe Comprehensive Treatment of the Aging Spine E-BookTechniques for Minimally Invasive Direct Coronary Artery Bypass (MIDCAB) SurgeryMinimally Invasive Spine SurgeryAdvanced Peripheral Nerve Surgery and Minimal Invasive Spinal SurgeryHandbook of Research on Advanced Techniques in Diagnostic Imaging and Biomedical ApplicationsMinimally Invasive Surgery for Achilles Tendon Disorders in Clinical Practice

## **Minimally Invasive Oral and Maxillofacial Surgery**

Written by an international group of pioneering leaders in robotic and telerobotic surgery, this state-of-the-art volume examines the feasibility, uses, capabilities, and limitations of this emerging technology in surgical practice and training. Chapters discuss current electronic systems for guiding

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laparoscopic surgery and describe the various surgical robots and telerobotic surgical systems available. Major sections review recent experience with AESOP, a voice-controlled robotic camera holder, in laparoscopic procedures and explore various telerobotic-assisted procedures in cardiothoracic, gastrointestinal, and urologic surgery. Other chapters discuss cost issues in clinical use of telerobots, credentialing for telerobotic surgery, and use of telementoring in surgical training.

### **Advanced Techniques in Minimally Invasive and Robotic Colorectal Surgery**

Companion vol. to: Atlas of minimally invasive surgery / [edited by] Constantine T. Frantzides, Mark A. Carlson. c2009.

### **Minimally Invasive Spine Surgery, An Issue of Neurosurgery Clinics of North America,**

Minimally invasive procedures are increasingly utilized and are replacing open surgery to reduce scarring and pain, enhance patient recovery, and minimize cost. Minimally Invasive Spine Surgery provides step-by-step guidance, expert instruction, and detailed illustration of current minimally invasive orthopedic spine procedures. With a variety of c

### **Atlas of Minimally Invasive Hand and Wrist Surgery**

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A summary of the most recent and effective techniques for treating difficult functional problems and painful situations using minimally invasive spinal surgery techniques. Including an up-to-date review of the physiopathology of the diseases.

### **Minimally Invasive Periodontal Therapy**

Minimally Invasive Surgical Procedures—Advances in Research and Application: 2013 Edition is a ScholarlyBrief™ that delivers timely, authoritative, comprehensive, and specialized information about ZZZAdditional Research in a concise format. The editors have built Minimally Invasive Surgical Procedures—Advances in Research and Application: 2013 Edition on the vast information databases of ScholarlyNews.™ You can expect the information about ZZZAdditional Research in this book to be deeper than what you can access anywhere else, as well as consistently reliable, authoritative, informed, and relevant. The content of Minimally Invasive Surgical Procedures—Advances in Research and Application: 2013 Edition has been produced by the world's leading scientists, engineers, analysts, research institutions, and companies. All of the content is from peer-reviewed sources, and all of it is written, assembled, and edited by the editors at ScholarlyEditions™ and available exclusively from us. You now have a source you can cite with authority, confidence, and credibility. More information is available at <http://www.ScholarlyEditions.com/>.

### **Primer of Robotic and Telerobotic**

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## **Surgery**

Minimally Invasive Percutaneous Spinal Techniques, by Daniel H. Kim, MD, FACS, Kyung Hoon Kim, MD, and Yong Chul Kim, MD, helps you apply methods of spinal pain relief that involve less risk and shorter recovery times. Focusing on the broad appeal of this goal for you and your patients, this volume will help surgeons and specialists in various areas of pain management provide less invasive alternatives and faster recovery procedures for those suffering with spinal injuries. Step-by-step techniques are well-illustrated in the book and demonstrated extensively online. Get accurate, step-by-step guidance by reviewing full-color, richly illustrated descriptions of various techniques. Make the most of extensive surgical videos demonstrating many of the procedures from the book on [expertconsult.com](http://expertconsult.com). Reduce the risk associated with invasive spinal procedures by considering new perspectives on pain management techniques that can be used by specialists from various disciplines. Address the growing need for less invasive surgeries with shorter recovery times among a large and aging population with musculoskeletal problems.

## **Advanced Techniques in Image-guided Brain and Spine Surgery**

The first edition laid out the foundation with laparoscopic and robotic surgery utilizing the Da Vinci SI platform. Since then, many new advances in equipment and surgical techniques are becoming

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more popular. This second edition expands upon laparoscopic and endoscopic techniques and robotic surgery with the use of the new Da Vinci XI platform. This book bridges the gap between the practicing community of surgeons and the surgical innovators and provides a foundation for all classic and new techniques in minimally invasive colorectal surgery. By enhancing the surgical toolbox, the surgeon is able to progress from the novice to the master. Rather than describing the entire operative procedure by an individual author, this book compares operative steps of various technical difficulties throughout different chapters, thereby allowing the surgeon to tailor surgery to patient and surgeon's own comfort level and experience. Chapters are written by a myriad of renowned experts in the field and discuss the major advances in advanced laparoscopic and endoscopic, robotic, and transanal minimally invasive surgical techniques. Great emphasis is placed on transanal total mesorectal excision (TaTME), which is dramatically changing the surgical approach to rectal resections. The second edition of *Advanced Techniques in Minimally Invasive and Robotic Colorectal Surgery* serves as a valuable resource to general surgeons, colon and rectal surgeons, minimally invasive surgeons, as well as residents and fellows.

### **Minimally Invasive Cancer Management**

Available in the US, Canada, Latin America, and South East Asia (except Japan) only. Not distributed by LWW in Europe.

## **Difficult Decisions in Thoracic Surgery**

This issue gives the general radiologist a solid overview of lung cancer imaging techniques. CT screening for lung cancer is discussed, and the evaluation and management of indeterminate pulmonary nodules is reviewed. Revised TNM lung cancer staging, as well as the optimal imaging protocols for lung cancer staging (CT, MR and PET) are thoroughly examined. A multidisciplinary approach to tissue sampling and updated histopathologic classification of lung cancer are discussed. Image-guided ablative therapies for lung cancer are reviewed. Finally, future trends in lung cancer diagnosis and staging and genetics are reviewed, as well as novel biomarkers for lung cancer detection.

## **Techniques in Minimally Invasive Rectal Surgery**

An advanced technique quickly becoming the "standard" for all neurosurgeons! A comprehensive review of the state-of-the-art technology currently available for neuronavigation. It will provide the reader with the clinical applications of this technology to various aspects of cranial and spinal surgery.

## **Minimally Invasive Surgery of the Lumbar Spine**

Video Atlas of Advanced Minimally Invasive Surgery brings you the detailed visual guidance and

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unmatched expertise you need to master the most important and cutting-edge minimally invasive procedures and the treatment of unusual cases. Full-color photographs and narrated procedural videos online and on DVD lead you step by step through today's most effective techniques. Tips and "secrets" from a veritable "who's who" in the field equip you to deliver optimal results while minimizing or avoiding complications. Hone and expand your surgical skills by watching videos of Dr. Frantzides and other leading international experts performing advanced techniques. Visualize how to proceed by reviewing beautifully illustrated, full-color anatomic artwork which provides well-rendered representations of underlying structures, anatomy, and pathology. Prevent and plan for complications prior to a procedure thanks to a step-by-step approach to each procedure, complete with personal techniques and secrets from leading experts. Glean all essential, up-to-date, need-to-know information about minimally invasive techniques and "closed" procedures including laparoscopic Whipple procedure; revision for failed bariatric procedures; and avoiding and managing complications of single port procedures. Take it with you anywhere! Access the full text, video clips, and more online at [expertconsult.com](http://expertconsult.com)

### **Minimally Invasive Thyroidectomy**

This portable paperback bench manual contains the thoroughly updated atlas of procedures and techniques and the new section on noninvasive monitoring from Irwin and Rippe's Intensive Care

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Medicine, Sixth Edition. In a user-friendly format, this extremely practical "how-to" guide provides graphically illustrated, step-by-step instructions for every diagnostic, therapeutic, and noninvasive monitoring procedure used in adult critical care. Coverage of each procedure includes indications, contraindications, equipment, anatomy, technique, complications, and ongoing care. All ICU staff as well as general practitioners can depend on this manual for immediate access to reliable, easy-to-follow instructions.

## **Imaging of Lung Cancer, An Issue of Radiologic Clinics of North America - E-Book**

## **Minimally Invasive Spinal Deformity Surgery**

Accompanying CD-ROM contains 21 video segments of surgical procedures.

## **Campbell's Operative Orthopaedics E-Book**

The most complete presentation of basic and advanced laparoscopic techniques available, due to its integration of procedures from general surgery and other subspecialties. Enhanced by over 750 illustrations (113 of them in full colour) and written by no less than 132 international, interdisciplinary

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experts, this definitive reference covers all aspects of this still new and expanding technique. Four main sections deal with: basic laparoscopy; laparoscopy and thoracoscopy in general surgery; laparoscopy in surgical subspecialties (gynaecology, urology, angioscopy); plus the technological aspects of laparoscopy. Throughout this authoritative volume, the surgeon will find in-depth reviews of the literature and extensive clinical and scientific data on the rationale for using laparoscopic procedures. Certain to become a standard in the field.

### **Minimally Invasive Spine Surgery**

The Comprehensive Treatment of the Aging Spine provides all the state-of-the-art coverage you need on both operative and non-operative treatments for different clinical pathologies of the aging spine. Dr James Yue and a team of talented, pioneering orthopedic surgeons and neurosurgeons cover hot topics like minimally invasive fusion, dynamic stabilization, state-of-the-art intraspinous and biologic devices, and more in print and online. Search the full text and access a video library online at [expertconsult.com](http://expertconsult.com). Master the very latest techniques and technologies through detailed step-by-step surgical instructions, tips, and pearls. Stay current on the state-of-the-art in intraspinous and biologic devices—such as Stent (Alphatec) and Optimesh Spineology; thoracic techniques—kyphoplasty, vertebroplasty, and spacers; and conservative treatment modalities—including injection therapies, acupuncture, and yoga. Make expert-guided decisions

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on techniques and device selection using the collective clinical experience of pioneering editors and contributors. Identify the advantages and disadvantages for the full range of available microsurgical and endoscopic techniques for management of cervical, thoracic, and lumbar spine pathology—minimally invasive fusion, reconstruction, decompression, and dynamic stabilization.

### **Advanced Techniques in Musculoskeletal Medicine & Physiotherapy Pageburst E-book on VitalSource**

This issue of Neurosurgery Clinics of North America is devoted to "Minimally Invasive Spine Surgery" and is edited by Zachary A. Smith, MD and Richard G. Fessler, MD, PhD. Articles in this issue include: Complications and complication avoidance of minimally invasive spine surgery; Radiation exposure risk and avoidance; Current techniques in the management of cervical myelopathy and radiculopathy; Thoracic disc/pathology management through minimally invasive routes; Transforaminal Lumbar Interbody fusion: Long term outcomes and complications; Computer-assisted navigation technique for minimally invasive transforaminal lumbar interbody fusion and lateral interbody fusion; Safety and the Anatomy of the retroperitoneal lateral corridor; Minimally invasive extracavitary transpedicular corpectomy for the management of spinal tumors; Minimally invasive anterolateral corpectomy for spinal tumors; Minimally invasive approaches for the management of intramedullary

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spinal tumors; Percutaneous fixation of thoracolumbar fractures; Advances and feasibility of advanced minimally invasive techniques in deformity correction; Direct lateral approach: Outcomes and Deformity Correction; and Evidence basis and outcomes.

### **Minimally Invasive Surgical Procedures—Advances in Research and Application: 2013 Edition**

Contemporary spinal surgeons, whether orthopedic or neurosurgeons, are increasingly recognizing minimally invasive spine surgery (MISS) as a desirable option to manage advanced degenerative diseases. MISS techniques minimize blood loss, surgical site pain, and speed recovery. Thus, the marriage of MISS with adult spinal deformity was a natural one. Currently, the techniques, technologies, and education of surgeons have finally reached a point where MISS deformity surgeries are becoming commonplace. Nevertheless, the field is young enough that no comprehensive texts have addressed the unique challenges faced by surgeons exploring this evolving field. This book will fill the gap.

### **Procedures, Techniques, and Minimally Invasive Monitoring in Intensive Care Medicine**

Minimally invasive spine surgery, in some form or other, has historical roots dating back more than 100 years, and recent advances in technology now make it increasingly effective in treating suitable spine

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patients. While minimally invasive approaches have shown to reduce muscle damage, blood loss, and post-operative pain, to perform this type of surgery correctly, even highly skilled modern-day surgeons must prepare themselves for a demanding learning curve. For this reason, AOSpine proudly presents Minimally Invasive Spine Surgery:

Techniques, Evidence, and Controversies, the most comprehensive book of its kind, which includes more than 500 pages of surgical techniques, illustrations, case images, tips and tricks, and research, providing an invaluable tool for spine surgeons around the world. Each technique is fully examined: The pros and cons of each is objectively reviewed. Its spectrum of indications and contraindications is summarized. Historical and modern day controversies relating to each technique are discussed. Uniquely, chapters in the text are further supported by an evidence-based section summarizing research studies, analysis, and conclusions into each technique, from peer-reviewed journals. The text covers more than just a range of interesting medical techniques. By including brief historical introductions on each technique and the surgeons that explored and founded its methods, their early (sometimes self-made) instrumentation, right through to today's current best-practice, this book provides an interesting, informative, and topical instruction on minimally invasive surgery and its increasingly encouraging results for spine-patient care.

### **Minimally Invasive Spine Surgery**

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This softcover manual covers all procedures and techniques necessary for certification in critical care from the internal medicine, anesthesiology, and surgical critical care certification exam. Each procedure or monitoring technique discusses indications/contraindications, equipment, anatomy, techniques, postprocedure care, and complications. Specific nursing indications are indicated where appropriate.

### **Irwin & Rippe's Procedures, Techniques and Minimally Invasive Monitoring in Intensive Care Medicine**

This book describes the recommended ideal approach, rather than customary care, in selected clinical situations. Brief chapters are devoted to a specific question or decision in general thoracic surgery that is difficult or controversial. The chapters contain both evidence-based recommendations and descriptions of surgeons' personal practices. Chapters are organized around clearly identified recommendations, making possible the identification of useful material at a glance. Over 50 different topics are presented. This book is a valuable reference source for practicing surgeons, surgeons in training, and educators.

### **Minimally Invasive Periodontal Therapy**

As minimal access approaches to cancer diagnosis, staging, and therapy become more widely used, it is vital for general surgeons, along with laparoscopists,

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surgical oncologists and medical oncologists, to stay up to date. The editors, a team consisting of a renowned surgical oncologist and a laparoscopic specialist, aim to provide a resource for the practicing general surgeon using basic minimally invasive techniques. The book discusses diagnosis including biopsy with microinstrumentation, staging, and palliative and curative resection. Specific tumor sites are addressed, including esophagus, stomach, spleen, small bowel, pancreato-biliary, hepatic resection, and colo-rectal resection. Minimally invasive approaches to the thoracic and retroperitoneal areas are included. The book provides a thorough overview of basic cancer biology, instrumentation, and ultrasound. Additionally, Greene and Heniford explore controversial issues such as port-site recurrence and the effect of pneumoperitoneum on the spread of cancer cells in the abdomen. Many photographs and line drawings, including 16 in full color, illustrate the principles discussed in the text. A must-have for every practicing general surgeon, laparoscopic fellow, and general surgery resident.

### **Rothman-Simeone The Spine E-Book**

Unique resource provides spine surgeons with the right tools and mindset to perform minimally invasive surgery. *Minimally Invasive Spine Surgery: A Primer* by Luis Manuel Tumialán is the ideal introduction to minimally invasive spine approaches, especially for neurosurgery and orthopedic residents, fellows, and spine surgeons who want to incorporate minimally invasive approaches into their practice. The Primer

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offers a treasure trove of 3D illustrations and animations that virtually brings the aspiring minimally invasive spine surgeon into the operating room alongside their professor. The text starts with a discussion of open spine surgery versus minimally invasive procedures and the optimal mindset required to convert from one to the other. The book is divided into lumbar, cervical, and thoracic spine sections, and a fourth section dedicated to the fundamentals of fluoroscopy and radiation exposure. The text begins with an overview, history, and evolution of each procedure, followed by a discussion of the anatomical basis for using a minimally invasive approach. Each anatomical section starts with the least complicated surgeries, thereby laying the foundation for more complex procedures discussed in subsequent chapters. The third section focuses on thoracic decompression, nerve sheath tumors in the lumbar and thoracic spine, and management of metastatic disease and intradural extramedullary lesions. Key Features Single-authored text provides uniform readability and philosophy—cover to cover Lumbar approaches include microdiscectomy, laminectomy, transforaminal interbody fusions, and the transposas approach Cervical procedures encompass posterior foraminotomy, laminectomy, and anterior discectomy Superb illustrations, high-fidelity anatomical animations based on computer modeling, and procedural videos enhance understanding of minimally invasive spine principles This unique, single-author Primer is a must-have resource for early-career spine surgeons who wish to learn minimally invasive principles, as well as veteran surgeons who have a desire to incorporate minimally invasive spine surgery

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into clinical practice.

### **Advanced Techniques in Musculoskeletal Medicine & Physiotherapy**

The long-term success of periodontal therapy is dependent on proper diagnosis and removal of subgingival tooth-borne accretions in the form of calculus and bacteria. From a clinical perspective, better visualization during the diagnostic and therapeutic phases has been shown to yield better results compared to traditional approaches. Minimally Invasive Periodontal Therapy evaluates the advantages of using minimal invasive techniques, the technologies available for enhancing visualization during minimally invasive therapy, and step-by-step illustrates the clinical use of each technique. Each chapter addresses the advantages and disadvantages of minimally invasive therapies, rationale for the approach, and the advantages and limitations of each of the current methods of improving visualization. The chapters then provide an evidence-based review of the technologies and procedures, and end with case studies for each visualization procedure, featuring clinical photographs.

### **Advanced Surgical Techniques in Snoring and Obstructive Sleep Apnea**

Minimally invasive techniques, designed to reduce morbidity and risk while simultaneously improving outcomes, are increasingly being used in oral and maxillofacial surgery. This book covers the most

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recent technological developments and the advanced techniques used when performing such minimally invasive surgery in patients with common and rare oral and maxillofacial pathologies. The relevant basic science is reviewed, but the principal focus is on the surgical techniques themselves. These are described step by step with the aid of numerous superb color illustrations that will help the clinician to gain a full understanding of the technology and the procedures. In addition, still emerging techniques of endoscopy, navigation, and minimally invasive surgery are well covered. This text will be a premier resource for physicians who diagnose and treat oral and maxillofacial pathologies and injuries.

### **Minimally Invasive Fracture Repair, An Issue of Veterinary Clinics: Small Animal Practice - E-Book**

The long-term success of periodontal therapy is dependent on proper diagnosis and removal of subgingival tooth-borne accretions in the form of calculus and bacteria. From a clinical perspective, better visualization during the diagnostic and therapeutic phases has been shown to yield better results compared to traditional approaches. Minimally Invasive Periodontal Therapy evaluates the advantages of using minimal invasive techniques, the technologies available for enhancing visualization during minimally invasive therapy, and step-by-step illustrates the clinical use of each technique. Each chapter addresses the advantages and disadvantages of minimally invasive therapies, rationale for the

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approach, and the advantages and limitations of each of the current methods of improving visualization. The chapters then provide an evidence-based review of the technologies and procedures, and end with case studies for each visualization procedure, featuring clinical photographs. Evidence-based presentation of the latest technologies in surgical microscopes, dental endoscopes, and dental videoscopes Clinical cases for each minimally invasive visualization procedure Companion website features video demonstrations of visualization techniques.

### **Advanced Therapy in Minimally Invasive Surgery**

Rothman-Simeone The Spine helps you achieve optimal outcomes in the clinical practice of spine surgery in adults and children. Drs. Harry N. Herkowitz, Steven R. Garfin, Frank J. Eismont, Gordon R. Bell, Richard Balderston, and an internationally diverse group of authorities help you keep up with the fast-paced field and get the best results from state-of-the-art treatments and surgical techniques, such as spinal arthroplasty and the latest spinal implants and equipment. An all-new full-color design and surgical videos online at [www.expertconsult.com](http://www.expertconsult.com) make this classic text more invaluable than ever before. Get the best results from the full range of both surgical and non-surgical treatment approaches with guidance from the world's most trusted authorities in orthopaedic spine surgery. Find important information quickly through pearls, pitfalls, and key points that highlight critical points. Watch experts perform key

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techniques in real time with videos, on DVD and online, demonstrating minimally invasive surgery: SED procedure; thoroscopic techniques; lumbar discectomy; pedicle subtraction osteotomy (PSO); C1, C2 fusion; intradural tumor; cervical laminoforaminotomy; and much more. Apply the newest developments in the field thanks to expert advice on minimally invasive surgery, spinal arthroplasty and the latest spinal implants and equipments. See procedures clearly through an all new full-color design with 2300 color photographs and illustrations placed in context. Access the fully searchable contents of text online at [www.expertconsult.com](http://www.expertconsult.com).

### **Advanced Techniques of Endoscopic Lumbar Spine Surgery**

Minimally invasive procedures are increasingly utilized and are replacing open surgery to reduce scarring and pain, enhance patient recovery, and minimize cost. This guide provides step-by-step guidance, expert instruction, and detailed illustration of the most recent minimally invasive orthopedic spine procedures. With a variety of chapters covering critical developments in the field including the utilization of biologic materials, image-guided surgery, and bone fusion, this guide delves into discussions of indications, methods for preoperative planning, complication avoidance strategies, and patient outcomes.

### **Video Atlas of Advanced Minimally Invasive Surgery**

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A complete primer on minimally invasive plate osteosynthesis (MIPO) for the small animal practitioner! Topics will include concepts of the biomechanics in fracture repair, MIPO techniques for articular fractures, bone plate and plate-rod for MIPO, MIPO techniques of the tibia, MIPO techniques of the femur, percutaneous pinning, MIPO techniques of the radius and ulna, percutaneous arthrodesis, MIPO techniques of the metacarpus and metatarsus, fracture reduction techniques, minimally invasive repair of sacroiliac luxation, external fixators and MIPO, intraoperative imaging and interlocking nail and MIPO and much more!

### **Advanced Therapy in Thoracic Surgery**

Campbell's Operative Orthopaedics, by Drs. S. Terry Canale and James H. Beaty, continues to define your specialty, guiding you through when and how to perform every state-of-the-art procedure that's worth using. With hundreds of new procedures, over 7,000 new illustrations, a vastly expanded video collection, and new evidence-based criteria throughout, it takes excellence to a new level because that is what your practice is all about. Consult this title on your favorite e-reader with intuitive search tools and adjustable font sizes. Elsevier eBooks provide instant portable access to your entire library, no matter what device you're using or where you're located. Achieve optimal outcomes with step-by-step guidance on today's full range of procedures from Campbell's Operative Orthopaedics - the most trusted and widely used resource in orthopedic surgery - authored by Drs. S.

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Terry Canale, James H. Beaty, and 42 other authorities from the world-renowned Campbell Clinic. Access the complete contents online with regular updates, view all the videos, and download all the illustrations at [www.expertconsult.com](http://www.expertconsult.com). See how to proceed better than ever before with 45 surgical videos demonstrating hip revision, patellar tendon allograft preparation, open reduction internal fixation clavicle fracture, total shoulder arthroplasty, total elbow arthroplasty, and more - plus over 7,000 completely new step-by-step illustrations and photos commissioned especially for this edition. Make informed clinical choices for each patient, from diagnosis and treatment selection through post-treatment strategies and management of complications, with new evidence-based criteria throughout. Utilize the very latest approaches in hip surgery including hip resurfacing, hip preservation surgery, and treatment of hip pain in the young adult; and get the latest information on metal-on-metal hips so you can better manage patients with these devices. Improve your total joint arthroplasty outcomes by reviewing the long-term data for each procedure; and consider the pros and cons of new developments in joint implant technology, including "customized" implants and their effect on patient outcomes. Implement new practices for efficient patient management so you can accommodate the increasing need for high-quality orthopaedic care in our aging population.

### **Video Atlas of Advanced Minimally Invasive Surgery E-Book**

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Advanced Techniques in Musculoskeletal Medicine & Physiotherapy is a brand new, highly illustrated guide to the diagnosis and treatment of musculoskeletal disorders. It demonstrates how to safely and effectively use selected minimally invasive therapies in practice. In addition to more well-established techniques such as acupuncture or dry needling, this ground-breaking resource also covers techniques including intratissue percutaneous electrolysis, mesotherapy, percutaneous needle tenotomy, and high volume image guided injections. Other featured chapters include those on specific musculoskeletal ultrasound such as sonoanatomy and ultrasound-guided procedures. Each chapter describes the principles, indications and contraindications, mechanisms of action and detailed outlines of techniques with an emphasis throughout on accessible practical information. Additionally, methodologies, research results and summaries of studies for particular minimally invasive therapies are presented. The book is also supported by a companion website -

[www.advancedtechniquesonline.com](http://www.advancedtechniquesonline.com) - containing procedural video clips, a full colour image library and interactive multiple choice questions (MCQs). skills-based and clinically-oriented - reinforced by the latest contemporary scientific medical research chapters on outcomes in clinical practice indications and contraindications discussed clinical cases, key terms and key points boxes used throughout companion website - [www.advancedtechniquesonline.com](http://www.advancedtechniquesonline.com) - containing procedural video clips, full colour image bank and interactive MCQs

## **Single Port Advanced Laparoscopic Hysterectomy**

Summarizes many of the advances made in this area and reviews in depth the topics and treatment techniques not widely used in daily practice. New chapters to this second edition include: New Techniques to Manage Pain; Advances in Diagnostic Imaging; Management of Germ Cell Tumors of the Mediastinum, Updates on Diaphragmatic Pacing; and Preoperative Evaluation of Neuro-Motor Diseases of the Esophagus.

## **Principles of Laparoscopic Surgery**

This book describes in detail the various techniques of minimally invasive thyroidectomy that have emerged in recent years and presents the new supportive equipment, including intraoperative monitoring and energy devices. In addition, the basic preoperative techniques that are a prerequisite to successful thyroidectomy are covered, and individual chapters are devoted to complications, outcomes, and post-thyroidectomy quality of life. Important related topics are also discussed, including guidelines for managing papillary and medullary thyroid cancer and the surgical management of metastatic lymph nodes. Both the editors and the authors are internationally renowned experts, and they include the founders of several of the techniques described. The up-to-date text is supplemented by many color pictures and medical illustrations, making the book very user-friendly and ideal for the busy surgeon or

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endocrinologist who is interested in the management of thyroid diseases.

### **Minimally Invasive Percutaneous Spinal Techniques E-Book**

Hand and wrist surgery is evolving rapidly and often, advances are directed at developing procedures that are less invasive, with smaller incisions and shorter rehabilitation times. Minimally Invasive Hand and Wrist Surgery is the only book devoted exclusively to these exciting new percutaneous and minimal access techniques for the treatment of chronic and traumatic conditions of the hand and wrist. Nearly forty procedures are described, with step-by-step details and abundant illustrations, all contributed by the leading international experts who are pioneering these new approaches.

### **The Comprehensive Treatment of the Aging Spine E-Book**

Informal Textbook describing an ultra-minimally invasive technique to perform laparoscopic hysterectomy through a single 11mm incision.

### **Techniques for Minimally Invasive Direct Coronary Artery Bypass (MIDCAB) Surgery**

"Advanced Techniques in Musculoskeletal Medicine & Physiotherapy" is a brand new, highly illustrated

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guide to the diagnosis and treatment of musculoskeletal disorders. It demonstrates how to safely and effectively use selected minimally invasive therapies in practice. In addition to more well-established techniques such as acupuncture or dry needling, this ground-breaking resource also covers techniques including intratissue percutaneous electrolysis, mesotherapy, percutaneous needle tenotomy, and high volume image guided injections. Other featured chapters include those on specific musculoskeletal ultrasound such as sonoanatomy and ultrasound-guided procedures. Each chapter describes the principles, indications and contraindications, mechanisms of action and detailed outlines of techniques with an emphasis throughout on accessible practical information. Additionally, methodologies, research results and summaries of studies for particular minimally invasive therapies are presented. The book is also supported by a companion website - [www.advancedtechniquesonline.com](http://www.advancedtechniquesonline.com) - containing procedural video clips, a "full colour" image library and interactive multiple choice questions (MCQs).

### **Minimally Invasive Spine Surgery**

This title encompass all current minimally invasive rectal procedures for a variety of benign and malignant indications and provides a compendium of the available data supporting each technique. Procedures are represented both photographically as well as through selected video clips. The video clips are hosted online and provide a valuable addition to

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the utility of the text. The text has a substantial pathologic emphasis delineating the conditions for which each technique is most suited. It includes established procedures such as laparoscopic proctectomy, but also describes novel approaches that are gaining the attention of professionals throughout the world, such as transanal endoscopic approaches that are being viewed as a bridge toward the natural orifice surgical interventions of the future. The first and only volume dedicated exclusively to advanced minimally invasive rectal surgery and will serve as a precious guide for professionals throughout the world.

### **Advanced Peripheral Nerve Surgery and Minimal Invasive Spinal Surgery**

Minimally Invasive Surgery for the achilles tendon represents a novel approach to treatment of orthopedic problems in the Achilles tendon. The gradual change of philosophy in the management of ankle surgery means that patients require a less invasive approach to surgery and a consequent improvement in recovery time. Describing the techniques and, importantly, the indications for minimally invasive procedures for the management of achilles tendon ailments, this book explains the management of various conditions and how they can be approached using minimally invasive techniques. This handbook provides an instant reference source for specialists and trainees alike, for those needing a 'to the point' companion when performing when treating disorders of the achilles

tendon.

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