

## Art Of Laparoscopic Surgery Textbook And Atlas 2 Vols

Part of the Advances in Veterinary Surgery series copublished with the ACVS Foundation and Wiley-Blackwell, Advances in Equine Laparoscopy presents a state-of-the-art reference on laparoscopic skills and procedures in the horse. Chapters are written by the leading experts in the field, and each section includes a practical review of the published literature. Encompassing instrumentation, basic principles, and specific techniques, Advances in Equine Laparoscopy offers an up-to-date, reliable resource for comprehensive information about equine laparoscopy. This current, well-referenced text begins with a section on the fundamentals of laparoscopy, then moves into sections on the clinical application of laparoscopic techniques in the standing or recumbent horse. A companion website offers eight video clips demonstrating selected procedures at [www.wiley.com/go/ragle](http://www.wiley.com/go/ragle). Advances in Equine Laparoscopy is an invaluable guide for equine surgical specialists and equine clinicians interested in laparoscopic techniques.

This text/atlas is a comprehensive guide to minimally invasive procedures in general surgery. Chapters are authored by world-renowned experts in this technology, who share their firsthand operative experience, emphasizing decision-making, anatomy, and key steps in the operations. The Third Edition features expanded sections on the esophagus, gastrointestinal tract, liver and biliary tract, pancreas and spleen, and small and large bowel, new sections on state-of-the-art surgical tools and bariatric surgery, and new chapters on esophageal lengthening, duodenal switch, and natural orifice transluminal endoscopic surgery (NOTES). Full-color photographs and drawings complement the text throughout. Each chapter concludes with comments from the editors. A companion Website will offer the fully searchable text and an image bank.

This book provides a unique and comprehensive overview of minimally invasive (MI) surgical options for the treatment of pancreatic diseases. The opening chapters present the state of the art of MI pancreatic resection according to the 2016 IHPBA Conference, offer information on the safe dissemination of MI pancreatic surgical techniques, and discuss preoperative evaluations protocols and surgical planning options. The book subsequently investigates the full range of currently available minimally invasive techniques, which includes: biliary and gastric bypass, ampullectomy, central and distal pancreatectomy, laparoscopic and robotic pancreatoduodenectomy, and robotic pancreas transplantation.

Combining the acknowledged expertise of the Italian school in pancreatic surgery and the contributions of many leading international experts, the book offers a valuable guide for all surgeons who perform this complex surgery, as well as for residents and fellows-in-training.

Laparoscopic hernia repair is a relatively new surgical technique to fix tears in the abdominal wall using small incisions, a

patch and special cameras to view inside the body. It frequently offers a more rapid recovery for the patient, less postoperative pain, and a quicker return to work and normal activities. (LapSurg.org). This concise guide discusses the latest procedures in laparoscopic hernia repair. Beginning with chapters on the history of hernia, imaging and equipment, the following sections discuss surgical procedures for different types of hernia. Nearly 400 colour images and illustrations are included, as well as two DVD ROMs demonstrating different laparoscopic procedures and discussing potential complications. Key points Guide to latest procedures in laparoscopic hernia repair Covers techniques for different types of hernia Nearly 400 colour images and illustrations Includes DVD ROMs demonstrating procedures and discussing complications

This third edition has been extensively updated to provide the gynecologic surgeon with a state-of-the-art and practical resource that can be used to review or learn about commonly performed surgical procedures in minimally invasive gynecology. To meet the needs of both novice and experienced surgeons, the text is engineered to cover the clinical decision-making, key instrumentation, and technical cascade for each surgical procedure. Wherever possible, discussion is focused on methods to optimize outcome and reduce risk. The content in this latest edition has been substantially bolstered by the addition of chapters covering vaginal hysterectomy, tissue retrieval in laparoscopic surgery, single port laparoscopy, robotic hysterectomy, robotic myomectomy, robotic sacralcolpopexy, radical robotic hysterectomy, and hemostatic agents for laparoscopic surgery.

The latest techniques, technologies, and analysis from world-renowned experts This technique-focused, color-illustrated text brings together masters of minimally invasive surgery to teach you new skills. Laparoscopic Surgery demonstrates surgical problem-solving in many specialties, from gastroenterology to gynecology and urology. Written for surgeons and residents who want to develop their techniques and expand their repertoires, this exceptional reference reflects the state of the art in laparoscopy and minimally invasive techniques. Providing the details that make the techniques useful and meaningful, Laparoscopic Surgery demonstrates the most widely used procedures as performed by the world's leading authorities. More than 100 chapters bring you expert coverage of: The newest techniques, illustrated Details on the latest instruments and equipment Analyses of meta-results and comparisons with conventional techniques The latest procedures for liver and biliary disease New laparoscopic diagnostic techniques 475 illustrations detailing step-by-step procedures 4 chapters on video-assisted thoracoscopic procedures Minimally invasive open-heart surgery In-depth discussions of complications and treatments

Laparoscopic surgery has been established as a safe, effective approach in the management of colorectal disease. Compared with open surgery, laparoscopy is associated with decreased postoperative analgesia requirements, faster

return of bowel function and resumption of oral intake, shorter hospital stay, and better cosmetic repair. procedures are long, and the learning curve is fairly steep, there are demonstrated Now in its Second Edition, Operative Techniques in Laparoscopic Colorectal Surgery gives surgeons the learning tools they need to understand and successfully incorporate laparoscopic colorectal surgery into their practice. This edition goes to great lengths to cover every aspect of each procedure in great detail%including tips for avoiding potential pitfalls. ,Detailed procedural descriptions help hone surgical technique and minimize error. ,Coverage of potential intraoperative complications helps prepare readers to manage any challenge with confidence. ,Full-color photographs assist with pattern recognition and highlight important anatomic landmarks. ,Video clips offer a surgeon,,s eye view of commonly performed procedures. NEW to the Second Edition' ,All new major operative videos highlight relevant anatomy and provide indispensable visual guidance for each procedure. ,Expanded list of colorectal procedures broadens therapeutic options. ,New chapters address Mobilization of the Mesorectum, Handsewn Coloanal Anastomosis, Robotic Single-port Right Colonectomy, Single Port Total Colectomy with End Ileostomy, Robotic Low Anterior Resection This book will be a useful resource for residents, fellows in training, and surgeons who are either attending courses in laparoscopic colorectal surgery or are at an early stage of integrating this technique into their practice.

This textbook provides a comprehensive, state-of-the art review of the field of hernia surgery, and will serve as a valuable resource for clinicians, surgeons and researchers with an interest in both inguinal and ventral/incisional hernia. This book provides an overview of the current understanding of the biologic basis of hernia formation as well as laying the foundation for the importance of hernia research and evaluating outcomes in hernia repair. Diagnosis and management strategies for inguinal and ventral hernia are discussed in detail with separate techniques sections for the most widely used procedures in this field as well as emerging technologies such a robotic and single incision surgery. Pertinent associated topics to inguinal hernia surgery such as chronic groin and athletic pubalgia are covered in detail. For incisional hernias, associated topics such as hernia prevention and enhanced recovery protocols are discussed. For both inguinal and ventral/incisional hernias mesh choices and available mesh technologies are discussed in detail as this remains an often confusing matter for the general surgery. When appropriate, chapters to highlight controversies in care are featured such as the use of synthetic mesh in contaminated surgery and laparoscopic closure of defects in laparoscopic ventral hernia repair. Current recommendations and outcomes data are highlighted when available for each technique. Textbook of Surgery will serve as a very useful resource for physicians and researchers dealing with, and interested in, abdominal wall hernias. It will provide a concise yet comprehensive summary of the current status of the field that will help guide patient management and stimulate investigative efforts.

This comprehensive book provides the reader a perspective of the current evidence-based management of Laparoscopic Colorectal Surgery. It covers sections on benign surgery for IBD, diverticulitis, rectal prolapse etc. along with the procedures for colon and rectal cancers, including laparoscopic TME. The accompanying videos complement the text imparting specific operative skills of exposure, retraction, countertraction, dissection, vascular control, hemostasis, laparoscopic Stapling, anastomosis, specimen extraction and stoma formation. This book aims to help surgeons to learn, standardize, practice and master the complex skills of Laparoscopic colorectal surgery. Key Features Provides step by step solution to the difficulties encountered by the beginners by covering a section on bugbears. Caters to General, GI, Oncology and Colorectal surgeons who have the adequate basic laparoscopic skills and have already been doing some advanced laparoscopic surgery in form of laparoscopic Upper GI and bowel surgery and would want to start laparoscopic colorectal surgery. Covers a section on Robotic and single incision laparoscopic surgery providing the contemporary knowledge in this emerging field, whereas a section on trans-anal surgery provides a futuristic dimension to this field. This text captures the global standards of bariatric surgery practice at a time of change, excitement, and lots of controversy. The text sheds the light on best practices globally by providing a reliable reference to guide the practicing physician anywhere in the world, and from whatever specialty (surgeon, gastroenterologist or endoscopist) to navigate through the many current options of therapy in this rapidly changing field. The text provides high definition illustrations of these techniques to go with the didactic chapters written by the thought leaders in the field. In addition to the technical part, an important part of the book focuses on quality and outcome measures. The rapid growth and innovations impose the need for strict guidelines and quality control. Thought leaders who created the concept of "Centers of Excellence" shed light on outcome measures and different ways to monitor quality. This will appeal to administrators and different ancillary service providers. The medical section plays a major role as combination therapy seems to be the future. An entire section is dedicated to medical weight management with discussions of the dietary and psychological component of care. The text also provides a dedicated discussion of the metabolic aspect of bariatric surgery, cosmetic surgery and issues of training future surgeons. These features differentiate the book from others that only discuss the surgical component, and will broaden the level of interest to all who are involved in the management of this complex disease. 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 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.

This cutting-edge text for surgeons specializing in Reproductive Medicine details how the latest minimally invasive developments impact on operations in their repertoire. Illustrated with color photographs and surgical videos, this will be an essential reference in a fast-moving field.

The much-anticipated revision of the second edition of *The SAGES Manual: Fundamentals of Laparoscopy, Thoracoscopy, and GI Endoscopy*, has been completely restructured, reorganized, and revised. The Manual has been split into two volumes for better portability. Volume I, *Basic Laparoscopy and Endoscopy* covers the fundamentals and procedures performed during surgical residency. Volume I will be the first volume used by students, residents, and allied healthcare professional trainees. Material has been added to these fundamentals and procedures that will also be of interest to experienced surgeons. Volume II, *Advanced Laparoscopy and Endoscopy* covers more advanced procedures, generally taught during fellowship. All of the sections have been reorganized with a critical eye to the needs of the modern minimal access surgeon. Two new editors have been added. Chapters have been revised by both new authors as well as many stalwart authors from previous editions. These portable handbooks cover all of the major laparoscopic and flexible endoscopic procedures in easy-to-read format. Indications, patient preparation, operative techniques, and strategies for avoiding and managing complications are included for the complete spectrum of both “gold standard” and emerging procedures in diagnostic and therapeutic laparoscopy, thoracoscopy, and endoscopy. The scope, detail, and quality of the contributions confirm and demonstrate the SAGES commitment to surgical education. This manual is sure to find a home in the pocket, locker or briefcase of all gastrointestinal endoscopic surgeons and residents.

This book brings together state of the art endosurgical techniques on abdominal, gastrointestinal, colorectal and thoracic operations in children, as well as operations of upper urological tract. Each chapter is complemented by a corresponding video of the described procedure, featuring critical maneuvers, useful tips, and alternative approaches. The book itself summarizes each operation, containing illustrations about positioning in the operation theatre, the most important steps of the surgical procedures and the managing of possible complications. The videos are accessible through different devices including desktop or laptop computers, tablets, as well as smartphones, allowing both novice and experienced surgeons to review the procedures on the go, during rounds, or in the operating room. The book and accompanying videos are therefore an invaluable guide for pediatric surgeons as well as young surgeons at the start of their career.

Videos and more: Download the free Springer Multimedia App - Scan dedicated images in this book to stream videos or

access and download supplementary material.

Expanded by 30% to explore the latest surgical approaches, techniques, equipment, and perspectives, this Second Edition leads surgeons through new applications in minimally invasive surgery, gynecology, urology, endoscopically-assisted plastic surgery, pediatric surgery, and video-assisted thoracoscopic procedures.

Handbook of Robotic and Image-Guided Surgery provides state-of-the-art systems and methods for robotic and computer-assisted surgeries. In this masterpiece, contributions of 169 researchers from 19 countries have been gathered to provide 38 chapters. This handbook is 744 pages, includes 659 figures and 61 videos. It also provides basic medical knowledge for engineers and basic engineering principles for surgeons. A key strength of this text is the fusion of engineering, radiology, and surgical principles into one book. A thorough and in-depth handbook on surgical robotics and image-guided surgery which includes both fundamentals and advances in the field A comprehensive reference on robot-assisted laparoscopic, orthopedic, and head-and-neck surgeries Chapters are contributed by worldwide experts from both engineering and surgical backgrounds

This second edition of Advanced Laparoscopic Surgery, Techniques and Tips represents a comprehensive description of the current laparoscopic techniques. It supplies surgeons with all the information necessary to successfully accomplish laparoscopic surgery. It is a hands-on manual that helps the surgeon avoid pitfalls and acquire the necessary laparoscopic skills quickly and efficiently. It is a ready source of practical help when trouble-shooting is necessary. Advanced laparoscopic surgery is an excellent merger of a textbook and atlas for the surgeon who wants to extend and refine his laparoscopic techniques.

Publisher's Note: Products purchased from Third Party sellers are not guaranteed by the publisher for quality, authenticity, or access to any online entitlements included with the product. This full-color text, complete with two DVDs, teaches the art and science of laparoscopic surgery! This book explains the art and science of minimal access surgery, providing both an overall view and recent technological advances in the field. The book is intended for those who are conversant with operative surgical and gynecological procedures. A full-color presentation and 2 DVDs with hundreds of linked videos graphically illustrate all the procedures discussed.

Abundantly illustrated, this unique resource offers you comprehensive and authoritative guidance from internationally known experts on the nuances of minimally invasive pediatric surgery. Step-by-step instructions coupled with 350 exquisite full-color illustrations and 200 line drawings help you perfect even the most difficult laparoscopic and thoracoscopic surgeries. Complete coverage of almost all pediatric surgical conditions is provided through laparoscopic approaches, including gastrointestinal, intra-abdominal, and urologic procedures as well as robotic operations, and a variety of thoracoscopic procedures. Plus, a DVD of 34 video clips of key procedures, running three hours in length, demonstrates the newest techniques, such as laparoscopic fundoplication, laparoscopic excision of a choledochal cyst, thoracoscopic aortopexy, thoracoscopic right lower lobectomy for a CCAM, and the Nuss procedure, to help you hone your skills to accommodate pediatric patients and avoid pitfalls. Provides the very latest information on minimally invasive endoscopic/thoracoscopic approaches on children to broaden your surgical options

and minimize recovery times and post-operative complications. Offers you a step-by-step approach to practice-proven techniques so you know exactly how to proceed and what to expect. Includes a three-hour long DVD, containing 34 video clips of key procedures performed by the physicians who pioneered them to help you master your own technique and avoid potential pitfalls. Presents 350 full-color endoscopic views with 200 corresponding line drawings that illuminate every concept and highlight important anatomical details, giving you superb visual guidance. Follows a consistent chapter organization that helps you find what you need fast.

Laparoscopic Liver, Pancreas and Biliary Surgery: Textbook and Illustrated Video Atlas is the perfect learning tool for all surgeons managing patients requiring advanced liver, pancreas and biliary surgery minimally invasively. This highly immersive text and video atlas will provide surgeons from trainee to advanced levels of practice, including, general surgeons, hepato-pancreatico-biliary surgeons, transplant surgeons and surgical oncologists, with a step-by-step, multi-media teaching atlas on performing laparoscopic liver surgery, anatomically correct, safely and effectively. The atlas will teach the surgeons to perform anatomic liver resections of each liver segment expertly and logically, and will cover lobectomies, extended resections, advanced laparoscopic pancreas surgery (including Whipple) and other procedures. A special emphasis is placed on reproducibility of excellence in surgical technique. Each video will be supported by outstanding illustrations for each technique and 3D renderings of the relevant anatomy. The educational step-by step high-definition videos teach everything you need to know, including critical aspects like patient positioning, port placement, dissection and much more. Led by the pioneers in laparoscopic liver, pancreas and biliary surgery, Brice Gayet and Claudius Conrad, the textbook-chapters will be authored by world experts and will contain surgical tips and tricks garnered from their unique experiences, to improve care, management of complications, relevant society guidelines and excellence in oncologic care for patients with hepato-pancreato-biliary cancers.

This book initiates the descriptions of the practical performance of different hysterectomies with conventional and robotically assisted laparoscopy, laparotomy and vaginal surgery. Laparoscopic hysterectomy has been out as an additional technique for hysterectomies for the last couple of decades. As the necessary light, augmentation and advanced skill has only been introduced into this already 200 year old surgical procedure within the last few decades by laparoscopy, the editors aim to look at the laparoscopic procedures followed by the traditional techniques of hysterectomy with laparotomy and vaginal surgery.

This book is a comprehensive guide to the surgical repair of inguinal and abdominal wall hernias that not only describes all potential approaches, but also places them in the context of the anatomy of the region, the pathology, and the advances in scientific knowledge over the past decade. It documents in detail the individual techniques applicable in each region (inguinal, femoral, and ventral), highlighting tips and tricks and focusing on indications, potential complications, and outcomes. In addition, it presents cases of incisional hernia and examines less frequent and rare cases and complex situations. Written for surgeons from around the globe, it includes procedures used in wealthy, developed countries and those without mesh more commonly employed in developing countries. With a format designed to facilitate use in daily practice, it is invaluable for residents seeking step-by-step

guidance on procedures ranging from repair of simple inguinal hernias to complex reconstruction; for general surgeons who frequently perform hernia repairs; and for hernia specialists aiming to achieve optimal results. It also appeals to researchers with an interest in the scientific background to hernia surgery.

A combination atlas and procedural guide for minimally invasive surgery Atlas of Minimally Invasive Surgical Operations delivers easy-to-follow, step-by-step procedural guidance accompanied by more than 800 high-quality illustrations designed to teach readers minimally invasive surgery techniques. Following the proven effective model of the acclaimed Zollinger's Atlas of Surgical Operations, each procedure is fully explained with text and accompanying illustrations. The beautifully rendered line drawings depict every important action a surgeon must consider while performing the operation. The text includes consistently formatted coverage of indications, preoperative preparation, anesthesia, position, operative preparation, incision and exposure, procedure, closure, and postoperative care. · Illustrations were created by professors of medical illustration at Johns Hopkins University · Companion DVD shows the actual procedures in real time

State-of-the-Art Atlas and Textbook of Laparoscopic Suturing in Gynecology, Second Edition, enables surgeons facing the challenges of minimal access surgery to understand the most critical and successful use of suturing techniques in laparoscopy. This book consists of 25 chapters contributed by experts in their fields, covering fundamentals of laparoscopic suturing, suturing applications in endometriosis surgery, posterior colpotomy, and suturing techniques in chair laparoscopy. Fundamentals of laparoscopic suturing such as hand-eye coordination, focus on loops, ligatures and sutures and how they can be best practiced, are covered in detail. This edition also features new chapters on suturing applications for bowel, bladder and rectovaginal endometriosis, the role of barbed suture in modern day laparoscopy, and 'non-mesh' conventional pelvic floor repair bringing the text fully up-to-date. State-of-the-Art Atlas and Textbook of Laparoscopic Suturing in Gynecology, Second Edition is an essential text for endoscopic, laparoscopic and gynaecological surgeons. Key Points Covers "Chair Laparoscopy", a topic rarely covered elsewhere Includes DVDs for selected laparoscopic suturing procedures in gynaecology Over 540 full colour images and illustrations First edition published 2006

There are numerous textbooks detailing almost every aspect of the different laparoscopic procedures. However, in this era of evidence-based medicine, a text focusing on the controversies – from the laparoscopic as well as the general surgeon's point of view – is missing. This book is not intended to be yet another textbook of laparoscopy; instead, its main purpose is to address unsettled issues of controversy. This will significantly enhance evidence-based knowledge of this developing field, stimulate thinking and discussions in rounds and meetings, assist surgeons in their decision making and stimulate further research. This book is not aimed only at laparoscopic surgeons – with their steadily increasing number – but also at general surgeons and surgical trainees. It will define and sharpen points of controversy by internationally recognized authors, and thus provide 'state of the art' quality to each topic.

This is a new reference edited by two leading authorities in the field of minimally invasive surgery that differentiates itself from

other similar titles by providing a stronger emphasis on incorporating newer technologies. The book discussed the incorporation of flexible endoscopy into surgical practice, harvesting the expertise of gastroenterologists and surgical endoscopists. It also discusses minimally invasive operative procedures such as laparoscopically assisted vaginal hysterectomy.

The second edition of Minimally Invasive Bariatric Surgery provides a comprehensive, state-of-the-art review of this field, and it serves as a valuable resource for clinicians, surgeons and researchers with an interest in minimally invasive bariatric surgery. Additionally, the second edition includes new features that will benefit the resident, fellow, or bariatric surgeon new to the field. Specifically, each evidence-based chapter (i.e. outcomes, complications, epidemiology, etc) concludes with three or four exam questions that emphasize the salient points of the chapter and provide fellowship programs a valuable training tool and resource for their academic curriculum. These questions are either single-answer multiple choice or true/false format and the correct response with a brief explanation follows. As more emphasis is placed on completing a comprehensive curriculum and obtaining certification for bariatric training, this aspect of the book is unique and provides added value to the text. The new edition also incorporates many new or updated medical illustrations to enhance the technique chapters and provide more uniformity for the artwork throughout the book. Each of the major procedures include surgical technique, outcomes, and management of complications in separate chapters to provide an easy reference for the busy clinician preparing for a case or presentation. Another unique feature of the text is a link to video files hosted online for the relevant chapters. This video library will be of great value to the user. As the number of fellowships in laparoscopic bariatric surgery continues to increase, this updated text will provide a valuable resource for general and bariatric surgeons, laparoscopic surgeons, fellows, residents, medical students, obesity researchers, and industry representatives involved in this field.

This book presents the state of the art across the entire field of pediatric robotic surgery, including thoracic, abdominal, oncologic, gynecologic, and urologic procedures. Indications for each type of robotic surgery are clearly set out and technical aspects are described in detail, illustrating the patient's position and explaining the robotic assessment and the optimal use of robotic instruments. Anesthetic issues and the management of robotic complications are discussed, and managerial aspects are also considered, with provision of helpful suggestions on how to approach robotic surgery in each pediatric department. For surgeons who wish to start using the pediatric robotic approach, simple illustrations of robotic assessment and principles of robotic surgery are included. Pediatric robotic surgery has undergone significant development in recent years, and the technology is now applied to a variety of pediatric diseases beyond urology. This book has been written by a group of world-renowned pioneers of pediatric robotic surgery and will appeal to pediatric surgeons of all disciplines, to residents, and to hospital general managers and medical directors.

More than fifty full-time urological clinicians and surgeons from the internationally acclaimed Cleveland Clinic Glickman Urological Institute describe the most common as well as the most innovative urological procedures from the standpoint of the state-of-the-art, as it is practiced at one of the world's top institutions. Their comprehensive atlas of urological surgery offers a unique marriage

of informative text with superb illustrations to provide detailed, step-by-step descriptions of all the regularly performed inpatient and outpatient urological operations, including newer approaches, such as laparoscopic and minimally invasive surgery. Highlights include robotic and laparoscopic prostatectomy, open and laparoscopic partial nephrectomy, renal transplantation, the male sling, and minimally invasive treatments for urological conditions.

The book encompasses the different concepts and designs using magnets for surgical purposes. It provides a concise yet comprehensive summary of the current status of the field that will help guide patient management and stimulate investigative efforts. The text reviews new data about interventions in all medical and surgical fields. Written by experts in their fields, topics focus on endoluminal and laparoscopic operations, techniques from vascular and GI anastomosis. The book demonstrates the use of magnets to treat a variety of diseases such as reflux, back pain, and fecal incontinence. The reader will learn how to retract and gain exposure, dissect tissue planes, achieve hemostasis, and create anastomosis in a totally different way. Physical properties of external surface and internal magnets are discussed. The authors emphasize the importance of partnering with industry leaders to develop novel surgical tools. By harnessing the power of attraction, the energy and might of magnets, Magnetic Surgery serves as a valuable resource for clinicians, surgeons and researchers in biomedical engineering interested in this form of energy and physical metal properties. In utilizing these properties, the book seeks to improve surgical outcomes of patients worldwide.

A full-color textbook on the specialized field of laparoscopic surgery with a strong focus on issues pertaining to anesthesia. This full-color textbook covers the specialized field of laparoscopic surgery and the issues pertaining to anesthesia. Laparoscopic surgery is performed in all types of patients, i.e. neonate, pregnant, morbidly obese, trauma victims, and other patients with co-morbid medical conditions. This book enables the reader to diagnose effectively and treat common pain syndromes by following a step-by-step approach that progresses from signs and symptoms through physical findings, laboratory and radiographic testing treatment options, and diagnostic codes. It comprehensively covers all aspects of laparoscopic and thoracoscopic procedures. It is intended to be a resource for anesthesiologists, both in practice and training, as well as for other healthcare professionals involved in laparoscopic surgery.

Laparoscopic Hernia Surgery is a concise and highly illustrated guide to the anatomy of the lower abdominal wall and laparoscopic repair of inguinal hernia. This book consists of eight chapters, beginning with a chapter on anatomy, followed by chapters on different procedures, decision making in hernia surgery, and various devices used in hernia repair. Laparoscopic Hernia Surgery covers both the essentials of remote surgery procedures and uncommon procedures such as laparoscopic intraperitoneal onlay mesh plasty, and TAPP technique for Spigelian hernia. Over 100 illustrations and images enhance the procedures covered, and an accompanying DVD-ROM demonstrates each step with audio descriptions, making Laparoscopic Hernia Surgery an ideal book for laparoscopic surgeons, and residents and fellows in general surgery. Key Points Concise, illustrated guide to laparoscopic repair of inguinal hernia Eight chapters covering anatomy and various procedures 106 full colour images and illustrations Accompanying DVD-ROM with step by step instructions and audio description

