Complications of Laparoscopic Surgery - Cavit Avci - 2015-11-25

This book is a detailed guide to the intra- and postoperative complications that may arise during the most frequently used laparoscopic techniques, with explanation of how and at what point they occur for a fast reference. The book also provides a list of complications that can arise when the surgeon is an expert in the area, focusing on the complications associated with the creation of pneumoperitoneum, laparoscopic cholecystectomy, laparoscopic management of gastrointestinal diseases, gynecological minimally invasive surgery, and urological minimally invasive surgery. Although the book is designed to be useful tips and tricks and to the most critical points in surgical procedures, with a view to optimizing performance of techniques and avoiding pitfalls and complications, it is also designed to be a valuable reference for trainees and established surgeons. The book includes written descriptions and photos and also with short video clips, available to the reader online, that will aid understanding. The book will be of value both for surgical residents and for more experienced surgeons.

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Minimally Invasive Surgery in Gynecological Practice - Eran Saridjioğlu - 2020-03-23

Gynaecological practice has changed fundamentally in the last three decades and a large proportion of major pelvic operations has been replaced by minimally invasive approaches. Gynecological minimally invasive surgery is now widely practiced in many distinct surgical specialties. The book is written at a level appropriate for trainees/residents and general gynecologists but enough detailed and additional resources will be provided for those who require further information. Specific aim of the book is to provide direct to the point surgical pearls which can be adapted to daily practice instantly by the target audience. The book includes chapters on relevant surgical anatomy, principles of MIS, management of camera systems, video/image editing, initiating a successful MIS practice, improving efficiency of current MIS program, how to develop successful teaching techniques in academic setting, avoiding & managing MIS related surgical complications and perforations/rotopre operative care of MIS related surgical complications and perforations/rotopre operative care. This book is for readers wanting to learn more about recent surgical techniques and technologies. Topics cover novel sophisticated approaches for single-site surgery, natural orifice transluminal endoscopic surgery, and transanal surgery, among others. Also included are reviews of new innovative surgical devices, robotic platforms, and methodological guidelines for improving surgical performance and surgical outcomes. The 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.

Minimally Invasive Bariatric Surgery - Stacy A. Brethauer - 2015-03-03

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 in the second edition 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. The implementation of laparoscopy has revolutionized surgery over the past few years, incorporating significant benefits for the patient. However, this evolution has also entailed many technical obstacles for surgeons. This book is for readers wanting to learn more about recent surgical techniques and technologies. Topics cover novel sophisticated approaches for single-site surgery, natural orifice transluminal endoscopic surgery, and transanal surgery, among others. Also included are reviews of new innovative surgical devices, robotic platforms, and methodological guidelines for improving surgical performance and surgical outcomes. Recent Advances in Laparoscopic Surgery - Francisco Miguel Sáenz-Márquez - 2019-11-27

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Operative cholangiography techniques mgmt of atelectasis & myomas diagnostic & therapeutic laparoscopy in trauma etc. Prevention and Management of Complications in Minimally Invasive Surgery - Raymond J. Lanzafame - 1996

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minimizing or avoiding complications 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 morbid anatomy. These illustrations depict realistic images of the surgical field, making it easy to visualize and understand the surgical anatomy and pathology. Guides the reader through the development of their own surgical technique by following step-by-step instructions.

Prevention and Management of Laparoscopic Surgical Complications, 2nd Edition - 2005


Video Atlas of Advanced Minimally Invasive Surgery brings you the detailed visual guidance and unmatched expertise you need to master the most important and crucial steps to perform each operation. It includes a complete set of 38 step-by-step videos from the authors of Prevention and Management of Laparoscopic Surgical Complications, 2nd Edition. The videos are of the highest quality and each is augmented with the surgical techniques and secrets from leading experts.


The EAES Manual of Endoscopic Surgery is the result of a collaborative effort of expert surgeons from all over Europe. It consists of 118 chapters written by 177 experts. The book is organized by the type of surgery that is performed by endoscopic or laparoscopic techniques. It is divided into five major parts: Upper-gastrointestinal tract, lower-gastrointestinal tract, biliary tract, genitourinary tract, and thoracic and abdominal cavity. The book is written for both novice and experienced surgeons, and includes useful information in the form of tables and charts.

A practical, easy-to-read reference for all surgeons performing endoscopic surgery. The book is divided into five major sections: Upper gastrointestinal tract, Lower gastrointestinal tract, Biliary tract, Genitourinary tract, and Thoracic and abdominal cavity. The book is written for both novice and experienced surgeons, and includes useful information in the form of tables and charts.

The Laparoscopic Surgery Revolution: Finding a Capable Surgeon in a Rapidly Advancing Field - David W. Page MD - 2002-11-03

If you are considering surgery, this book provides important information about open surgery, laparoscopic surgery, and the potential risks and complications associated with these procedures. It is written for both surgeons and patients and includes a section on how to choose a surgeon, as well as a detailed discussion of the advantages and disadvantages of each type of surgery.

This text examines precisely all possible scenarios about robotic urologic surgery where a complication may arise, in order that the surgeon knows all the risk factors that predispose a complication, as well as the means by which it can be prevented and by what measures it may be treated. The content is designed for easy and thorough reading. It is organized in sections that include an overview of robotic surgery, principles of anesthesia and complications, as well as a detailed discussion of the techniques and secrets from leading experts.

Laparoscopic Surgery in Invasive Open-Heart Surgery - In-depth discussions of complications and treatments Invasive open-heart surgery 475 illustrations detailing step-by-step procedures 4 chapters on video-assisted thoracoscopic procedures Minimally invasive surgical techniques, including minimally invasive abdominal and thoracic procedures. Expert European surgeons share their career-long experience by dissecting operative procedures step by step. To meet the needs of both novices and experienced surgeons, the text is organized in sections that include an overview of minimally invasive surgery, the principles of anesthesia and complications, as well as a detailed discussion of the techniques and secrets from leading experts.

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This book provides detailed, comprehensive and illustrative content to the surgical community in the areas of foregut oncologic surgery. The book features chapters on surgical anatomy, operative hysteroscopy and pelvic floor repair. The editors have pioneered some of the most important laparoscopic procedures used today. They have written the book so that the reader will have a comprehensive understanding of the surgical techniques and procedures used in laparoscopic surgery.

The book covers the entire range of laparoscopic procedures used in gynecologic surgery, including laparoscopic hysterectomy, pelvic floor repair, and laparoscopic surgical procedures for the treatment of gynecologic cancer. The editors have written the book so that the reader will have a comprehensive understanding of the surgical techniques and procedures used in laparoscopic surgery.

The book is written in a clear, concise, and easy-to-understand style. The editors have written the book so that the reader will have a comprehensive understanding of the surgical techniques and procedures used in laparoscopic surgery. The book is intended for use by practicing gynecologists, residents, and medical students.

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Minimally Invasive Approaches to Colon and Rectal Disease - Howard M. Ross MD FACS FASCRS - 2014-11-22

This text provides a clear, reproducible, step-by-step guide for each colorectal surgery operation. The format follows that of both a "how to" manual as well as an algorithm-based guide to allow the reader to understand the thought process behind the proposed treatment strategy. Each chapter includes both operative technical details as well as peroperative "tips and tricks" that the authors utilize in the management of these complex surgical patients. In addition, it addresses the optimal "next step" in dealing with more challenging situations such as pregnancy, emergent surgery, the elderly, and the obese patient. Throughout the text, each author provides an ongoing narrative of his/her individual surgical techniques along with color illustrations and diagrams to "personally" take the reader through the crucial steps of the procedure, as well as key points of patient care inherent to that topic. Additionally, where appropriate, links to online or downloadable videos will give the reader an up-front look into technical aspects of traditional straight laparoscopic and hand-assisted minimally invasive surgery, as well as NOTES, transanal, robotic, single incision colectomy and combined laparoscopic-endoscopic resection. Minimally Invasive Approaches to Colon and Rectal Disease: Technique and Best Practices will be of great utility to colorectal, general and oncologic surgeons who want to learn or improve their minimally invasive skills in colorectal surgery. Furthermore, this text will be of particular interest to the surgeons-in-training, and the general and colorectal surgeons who is often called upon to manage a variety of colorectal surgery conditions through a minimally invasive approach.


Laparoscopic surgery is a minimally invasive technique whereby a small incision is made in the abdomen allowing a surgeon to look inside the body and perform certain operations. This comprehensive guide brings surgeons fully up to date with the latest procedures in laparoscopic surgery. Beginning with an introduction to the technique (equipment, sterilisation, dissection, suturing and anastomosis), the following sections discuss general surgical procedures, gynaecological procedures, paediatric laparoscopic and laparoscopic urology. Each section describes numerous different procedures, with the final chapters discussing complications, training, robotic surgery, the future of laparoscopic surgery and more. This new edition includes more than 1220 colour images and illustrations and a DVD depicting surgical procedures. Key points Comprehensive, fully updated guide to laparoscopic surgery Discusses numerous procedures in general, gynaecological, paediatric and urological laparoscopic surgery More than 1220 colour images and illustrations Includes DVD of laparoscopic surgery procedures Previous edition published in 2009


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Advanced Techniques in Minimally Invasive and Robotic Colorectal Surgery - Ovunc Bardakcioglu - 2019-07-29

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 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.

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