

Richard L. Whelan
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Editors



The SAGES Manual

Perioperative Care in Minimally Invasive Surgery

 Springer

Sages Manual Of Perioperative Care In Minimally Invasive Surgery

Patricia Sylla, Andreas M. Kaiser, Daniel Popowich



Sages Manual Of Perioperative Care In Minimally Invasive Surgery:

The SAGES Manual of Perioperative Care in Minimally Invasive Surgery Richard L. Whelan, James W.

Fleshman, Dennis L. Fowler, 2006-01-16 The second SAGES Society of American Gastrointestinal Endoscopic Surgeons manual was intended to be a companion piece for the successful first SAGES manual edited by Carol Scott Connor that was published more than 4 years ago Originally the goal was to concentrate on tersely covered or often ignored aspects of the preoperative preparation of the patient and the operating room as well as the postoperative care of patients undergoing minimally invasive operations It was also our intention to include a section for each procedure where several different port placement schemes would be presented and briefly discussed Unique to this manual the impact of the patient's body habitus short or long narrow or wide on port placement is also taken into account for many of the procedures Also unique are chapters devoted to hypothermia port wound closure and the management of subcutaneous emphysema and abdominal wall hemorrhage caused by trocars Naturally the surgeon tends to focus on the technical aspects of the procedure such as the operative tasks to be carried out the order of operation and the position of the surgeon and assistant However it is critical that the surgeon be aware that the CO pneumoperitoneum far more so than laparotomy results in multiple physiologic alterations that if not compensated for by the anesthesiologist and surgeon may endanger the patient or prevent the laparoscopic completion of the procedure

The Sages Manual Of Perioperative Care In Minimally Invasive Surgery Whelan, 2006-01-01

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Fowler, 2008-11-01 The second SAGES Society of American Gastrointestinal Endoscopic Surgeons manual was intended to be a companion piece for the successful first SAGES manual edited by Carol Scott Connor that was published more than 4 years ago Originally the goal was to concentrate on tersely covered or often ignored aspects of the preoperative preparation of the patient and the operating room as well as the postoperative care of patients undergoing minimally invasive operations It was also our intention to include a section for each procedure where several different port placement schemes would be presented and briefly discussed Unique to this manual the impact of the patient's body habitus short or long narrow or wide on port placement is also taken into account for many of the procedures Also unique are chapters devoted to hypothermia port wound closure and the management of subcutaneous emphysema and abdominal wall hemorrhage caused by trocars Naturally the surgeon tends to focus on the technical aspects of the procedure such as the operative tasks to be carried out the order of operation and the position of the surgeon and assistant However it is critical that the surgeon be aware that the CO pneumoperitoneum far more so than laparotomy results in multiple physiologic alterations that if not compensated for by the anesthesiologist and surgeon may endanger the patient or prevent the laparoscopic completion of the procedure

ESPES Manual of Pediatric Minimally Invasive Surgery Ciro Esposito, François Becmeur, Henri Steyaert, Philipp

Szavay, 2019-08-02 This book is devoted to all the aspects of pediatric minimally invasive surgery and is written under the

patronage of the European Society of Pediatric Endoscopic Surgery ESPES with the participation of leading international experts on Pediatric MIS. Comprising more than 50 chapters, the book begins with an introductory section describing the general and technical aspects of MIS approaches including laparoscopy, thoracoscopy, retroperitoneoscopy, and robotic surgery. The main part of the book is divided into five subsections, each of which focuses on a specific system: thorax, abdomen, urology, gynecology, and varia. For each subsection, the book examines several pathologies, accurately describing their clinical and diagnostic aspects and providing detailed information on the operative techniques, tips, and tricks used in their treatment. Further, the book addresses potential complications in MIS and better ways to manage and prevent them. The volume will be of interest for pediatric surgeons, pediatric urologists, or other professionals that need to access accurate descriptions of the MIS approaches adopted for the different surgical pathologies. At the same time, it addresses the needs of novices, including trainees looking for general information on the management of the various diseases encountered in the pediatric population.

The SAGES Manual of Quality, Outcomes and Patient Safety David S. Tichansky, MD, FACS, John Morton, Daniel B. Jones, 2011-12-21. SAGES represents a worldwide community of surgeons that can bring minimal access surgery, endoscopy, and emerging techniques to patients in every country.

Complications in Small Animal Surgery Dominique Griffon, Annick Hamaide, 2016-01-19. Complications in Small Animal Surgery provides a complete reference to diagnosing, managing, and treating surgical complications with information following a standardized format for ease of use. Presents comprehensive information on diagnosing, managing, and preventing surgical complications using an accessible format. Offers a well-defined, thoroughly illustrated format to maximize practical value with algorithms, tables, practical tips, and many images throughout. Covers common and uncommon complications in all body systems. Serves as a reference to recent literature relevant to each complication. Includes access to a companion website with videos, figures from the book available for download into PowerPoint, and linked references at www.wiley.com/go/griffon_complications.

Practical Manual for Laparoscopic & Hysteroscopic Gynecological Surgery Ibrahim Alkatout, Liselotte Mettler, 2019-08-31. SECTION 1 BASICS AND ANATOMICAL ASPECTS OF ENDOSCOPIC SURGERY. Chapter 1 Historical Perspectives. Chapter 2 Clinical Anatomy for Gynecological Laparoscopic Surgery. Chapter 3 Instruments and Equipment for Laparoscopic Surgery. Apparatus and Optic Holders. Chapter 4 Practical Approach to Instrumentation. Chapter 5 Current Laparoscopic Training Models. Chapter 6 Learning by Doing: How to Teach Laparoscopic Surgery. Chapter 7 Training in Minimally Invasive Gynecological Surgery. Chapter 8 Current Training Models in Hysteroscopy. Chapter 9 Risk Assessment and Counseling Prior to Laparoscopic Surgery. Chapter 10 Peritoneal Access. Chapter 11 Risk Management in Gynecological Endoscopy. Chapter 12 Female Pelvis: Innervation and Vascularization in Laparoscopy. Chapter 13 Suturing and Ligature Techniques at Laparoscopy. Chapter 14 General Surgery Conditions and Techniques for Gynecologic Endoscopic Surgeons. Chapter 15 Pneumoperitoneum: Known and Lesser-known Perspectives. Scope and Considerations. SECTION 2 SPECIFIC GYNECOLOGICAL LAPAROSCOPIC

PROCEDURES Chapter 16 Benign Ovarian Tumors Chapter 17 Ectopic Pregnancy Chapter 18 Laparoscopic Surgery in Pregnancy Chapter 19 Extragenital Findings in Gynecological Laparoscopy Chapter 20 Tubal Surgery Chapter 21 Endoscopy Techniques for Tubal Sterilization Chapter 22 Tubal Torsion The Diagnostic Dilemma Chapter 23 Endometriosis Chapter 24 Adenomyosis Treatment Chapter 25 Surgical Aspects and Therapeutic Modalities of Deep Infiltrating Diagnosis Chapter 26 Adenomyoma Resection in Infertility Chapter 27 Diagnosis of Bowel Endometriosis Chapter 28 Sentinel Lymph Node Detection Chapter 29 Laparoscopic Myomectomy Chapter 30 Specific Features of Myomectomy Chapter 31 Laparoscopic Myoma Therapy Chapter 32 Fertility enhancing Endoscopic Surgeries Chapter 33 Technique of Routine Total Laparoscopic Hysterectomy with a Dissection of Uterine Vessels at Internal Iliac Level and Using a Uterine Manipulator Chapter 34 Total Laparoscopic Hysterectomy Chapter 35 Stepwise Approach to Total Laparoscopic Hysterectomy Chapter 36 Hysterectomies Laparoscopic Subtotal Hysterectomy Chapter 37 Transvaginal Natural Orifice Transluminal Endoscopic Surgery Chapter 38 Overview of Endoscopic Pelvic Floor Defect Corrections Chapter 39 Critical Evaluation of Mesh supported Vaginal and Chapter 40 Surgery for Pelvic Floor Defects Chapter 41 Laparoscopic Pectopexy Chapter 42 Esthetic Aspects of Pelvic Floor Repair Chapter 43 Oncologic Surgery on the Ovary Chapter 44 Oncologic Surgery on the Uterus Chapter 45 Robot assisted Surgery in Gynecology SECTION 3 SPECIFIC HYSTEROSCOPIC PROCEDURES Chapter 46 Diagnostic and Office Hysteroscopy Chapter 47 Laparoscopy and Hysteroscopy as Complementary Procedures Chapter 48 Operative Hysteroscopy SECTION 4 COMPLICATIONS IN LAPAROSCOPIC AND HYSTEROSCOPIC SURGERY Chapter 49 Laparoscopic Complications and Management Chapter 50 Complications of Hysteroscopy Index Laparoscopic Surgery Arshad M. Malik, 2017-02-22 Laparoscopic surgery developed as the most element change ever in the history of surgery The approach of this method is no more a late headway The history goes back three decades now when appendectomy was initially performed laparoscopically in 1983 It was then polished by not very many specialists and there was a moderate move of the method from traditional open surgery to laparoscopic surgery Hesitance to take in an absolutely new method absence of facilities and appropriate training were main considerations ruining its direction After an underlying hindered period came a sudden ascent in the worldwide preoccupation of the consideration toward this novel strategy There was an aggregate move from open to laparoscopic surgery in a large portion of the focuses with an expanding rundown of operations being performed laparoscopically This book is intended to bring forward the very many advancements in the field of laparoscopic surgery There are many valuable contributions from eminent laparoscopic surgeons ranging from diagnostic to therapeutic procedures performed by this technique I hope it will benefit the trainee surgeons as well as the experienced alike Suggestions and positive criticism are more than welcome **The SAGES Manual of Strategic Decision Making** Carol E.H. Scott-Conner, José E. Torres, Nate Thepjatri, 2008-06-19 Minimal access whenever feasible in the performance of most general surgical procedures is now well established However many areas still need clarification They range from indications

and contraindications to the optimal route of access as well as to choices to be made among the various procedures possible for any single surgical problem This Manual is unique in that unlike most manuals it is not so much a how to but more a when to the how to having been covered to a significant extent in the two previous SAGES manuals This work takes a series of common clinical scenarios and offers various detailed often contrasting approaches commonly but not exclusively minimal access discussing indications limitations and potential complications In this age of evidence based surgical practice the reader will find it refreshing to have abundant data and references to support or reject a particular approach or technique With a cadre of surgeon authors skilled in open as well as minimal access surgery including flexible endoscopy the student and practitioner of surgery is exposed to not only varying approaches to many common surgical conditions but also comes to appreciate how flexibility and integration of various approaches can improve the outcome for the patient The forty six chapters can each constitute a stand alone discussion

Small Animal Laparoscopy and Thoracoscopy Boel A. Fransson, Philipp D. Mayhew, 2021-12-20 The newly revised Second Edition of *Small Animal Laparoscopy and Thoracoscopy* is a rigorous update of the first book to provide comprehensive and current information about minimally invasive surgery in dogs and cats With a focus on techniques in rigid endoscopy the book also includes guidance on additional surgeries outside the abdomen and chest New chapters describe newly developed surgical techniques while existing chapters have been thoroughly updated The authors include detailed stepwise instructions for each procedure including clinical photographs Pre operative considerations patient positioning portal placement and postoperative care are also discussed with key points of consideration outlined for each surgery Purchasers of the book will also receive access to a companion website featuring video clips of the fundamental skills and surgical techniques described in the resource The book also offers An introduction to laparoscopic suturing and knot tying with accompanying video tutorials A thorough introduction to the equipment used in laparoscopic and thoracoscopic veterinary surgeries including imaging equipment surgical instrumentation energy devices and stapling equipment Clear explanations of foundational techniques in laparoscopy including laparoscopic anesthesia access techniques contraindications complications and conversion Robust descriptions of fundamental techniques in thoracoscopy including patient positioning port placement contraindications complications and conversion Discussions of a wide variety of laparoscopic and thoracoscopic surgical procedures *Small Animal Laparoscopy and Thoracoscopy* is an essential reference for veterinary surgeons veterinary internal medicine specialists and residents and small animal general practitioners seeking a one stop reference for minimally invasive surgery in dogs and cats

Recent Concepts in Minimal Access Surgery Deborshi Sharma, Priya Hazrah, 2022-03-25 The book covers the recent developments in various aspects of minimal access surgery laparoscopic and robotic surgery which is fairly a new branch of surgery that has advanced tremendously in last few years This is the first volume of the set of books on recent concepts in minimal access surgery It provides step by step descriptions accompanied by numerous helpful photographs and anatomical drawings It also includes the controversies and

gives a cumulative opinion on the recent changes developing in minimal access surgery MAS It includes system wise topics and separate chapters on the different topics within the system with the meta analysis of recent topic or their controversies The book is useful for practitioners and young faculties as well as residents trainees and fellows of surgery and minimal access surgery Laparoscopic Colon Surgery Gregory Kouraklis,Eugenia (Jenny) Matsiota,2020-11-19 This book is the structured comprehensive work of experienced surgeons and constitutes the condensed and succinct epitome of knowledge and guidance for those interested in Laparoscopic Colon Surgery LCS focusing only on colon laparoscopy The milestones in LCS are presented offering valuable background information about the evolution of LCS throughout the years and presenting how it still has a limited application no matter the need for minimal invasive fast track surgical procedures that can offer better quality to patients and less cost for any healthcare system The book aims to highlight the preferred diagnostic procedures the right methods for the efficient and rational selection of patients the choice of the best surgical techniques and treatments and the best management of post operative complications for an early discharge It provides adequate information to the surgeons or the surgical residents interested in LCS about how to select what to avoid what instruments to use what techniques to follow how the evaluation of patient s anatomy can lead to better surgical planning and the add on of robotic colon surgery in the quality of patients life Moreover the book provides information about the most efficient anaesthesia adequate for LCS information that most books of its kind do not include Finally the book provides excellent information about the best education and practices to be followed in LCS something of special importance after considering the level of difficulty associated with LCS and the high conversion rate compared to other laparoscopic procedures Although the primary focus of this book are surgeons LCS GI General and surgical residents the content still can offer valuable information to these healthcare leaders who are interested in understanding the milestones and benefits of the right model of education and the best practices related to LCS **Robotic Approaches to Colorectal Surgery** Howard Ross,Sang Lee,Bradley J. Champagne,Alessio Pigazzi,David E. Rivadeneira,2015-10-08 This book examines the considerations drawbacks and advancements minimally invasive techniques have provided in the evaluation management and outcomes across a broad range of colorectal disease and procedures For some readers of this book a minimally invasive approach to colorectal disease may add a new dimension to the management of these patients For others it is the opportunity to learn helpful tips specifics about a certain procedure or to fine tune what has already become a routine part of their practice Even if you have successfully overcome many of the technical challenges of minimally invasive surgery the preoperative evaluation perioperative decision making and management of postoperative complications can be demanding and consuming Wherever you may be on this spectrum Robotic Approaches to Colorectal Surgery is a useful resource to surgeons *Fundamentals of General Surgery* Francesco Palazzo,2018-06-26 This book provides a comprehensive guide to the surgical skills required during general surgery General Concepts are covered with descriptions of basic terminology the logic behind specific

approaches limitations of specific skills technical and practical considerations and safety of using specific approaches and skills More advanced topics including gastro intestinal anastomosis exploring a patient after a major trauma and managing crisis situations are also discussed as well as current controversies and future directions within general surgery

Fundamentals of General Surgery is relevant to trainees in general surgery and its subspecialties and aims to give them an easy to access resource that contains real life examples iconography and recommended further reading **Surgical**

Complications, An Issue of Veterinary Clinics: Small Animal Practice Christopher A. Adin, 2011-09-28 A comprehensive review of small animal surgical complications for the general veterinary practitioner Topics on complications will include upper urinary tract surgery lower urinary tract surgery GI surgery hepato biliary surgery spay neuter surgery reconstructive surgery thoracic surgery airway surgery minimally invasive surgery metabolic complications of endocrine surgery ear surgery surgical site infections and more **Advances in Intervertebral Disc Disease in Dogs and Cats** James

Fingerroth, William Thomas, 2015-02-23 Advances in Intervertebral Disc Disease in Dogs and Cats defines our present knowledge of this common clinical problem compiling information related to the canine and feline intervertebral disc into a single resource As a comprehensive focused work the book is an authoritative reference for understanding and treating disc disease providing a sound scientific and clinical basis for decision making Offering an objective synthesis of the current literature the book supplies guidance on the approach to a potential disc rupture surgical and medical strategies and management of the patient Offering a complete understanding of intervertebral disc disease the book describes and discusses the controversies and issues surrounding this topic acknowledging the gaps in our knowledge Advances in Intervertebral Disc Disease in Dogs and Cats presents up to date reliable information on this common condition for veterinary surgeons neurologists and general practitioners *Safety in Minimal Access Surgery* Om Tania, Tamonas

Chaudhuri, 2021-02-13 Chapter 1 Safety in Operation Theatre Chapter 2 Sterilisation for Safe Minimal Access Surgery Evidence and Recommendations Chapter 3 Safety in Energy Sources in Laparoscopic Surgery Chapter 4 Ergonomics What is Safe for Surgeon Evidence and Recommendations Chapter 5 Safety in Anaesthesia for Minimal Access Surgery Chapter 6 Safety in MAS during COVID 19 Era Chapter 7 Safe Access in Minimal Access Surgery Evidence and Recommendations Chapter 8 Safe Laparoscopic Cholecystectomy Evidence and Recommendations Chapter 9 Safe Laparoscopic CBD Exploration Evidence and Recommendations Chapter 10 Safe Surgery for Pseudo Pancreas Cyst Evidence and Recommendations Chapter 11 Safety Issues in Management of Liver Hydatid Disease Chapter 12 Safe Laparoscopic Splenectomy Evidence and Recommendations Chapter 13 Safe Adrenalectomy Evidence and Recommendations Chapter 14 Safety in Surgery for Hiatus Hernia Evidence and Recommendations Chapter 15 Safety in Surgery for Achalasia Cardia Evidence and Recommendations Chapter 16 Safety in Colorectal Surgery Chapter 17 Safe Laparoscopic Appendectomy Evidence and Recommendations Chapter 18 Safe Rectopexy Evidence and Recommendations Chapter 19 Safe Laparoscopic

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MRCS Revision Guide: Trunk and Thorax Mazyar Kanani, Leanne Harling, 2012-01-12 The new MRCS structure replaces the vivas and clinical style examinations with an OSCE based system This revision guide the first in a series fully reflects this new format and provides a structured systems based approach to revision Key aspects of anatomy physiology critical care surgical pathology and operative care are combined whilst focusing on the questions commonly asked in the exam The material is presented in a practical question and answer based format to help readers retain details whilst providing all of the essential information needed for examination success MRCS Revision Guide Trunk and Thorax is a concise clear pocketbook that reduces the need for bulky textbooks by providing a quick reference guide for busy surgical trainees If you are studying for the MRCS examination you need this book

Mastery of Endoscopic and Laparoscopic Surgery Lee L Swannstrom, Nathaniel J. Soper, 2013-10-30 This 4th edition of *Mastery of Endoscopic and Laparoscopic Surgery* presents both the common procedures residents must master as well as the more challenging procedures required of fellows and practitioners With 11 new chapters this edition offers the most extensive coverage of minimally invasive procedures in all areas of surgery In addition to clear concise instruction valuable comments from the authors are also included at the end of each chapter Written in the style of the *Masters of Surgery* series this book offers the most comprehensive step by step text on all procedures including Advances in NOTES procedures

The SAGES Manual of Colorectal Surgery Patricia Sylla, Andreas M. Kaiser, Daniel Popowich, 2019-10-17 This book provides essential didactic content for the SAGES University Masters Program Colorectal Surgery Curriculum Surgeons seeking to complete the competency proficiency or mastery curriculum of the MASTERS Colorectal Pathway for a particular anchoring colorectal procedure will find relevant educational content in this SAGES Manual Written by experts in the field each chapter provides detailed guidance on preoperative and peri procedural considerations for right and left elective and emergency colorectal resections for both benign and malignant pathologies Technical pearls and strategies to manage pitfalls and complications are also extensively reviewed along with detailed guidance for both laparoscopic and robotic procedures The SAGES Manual of Colorectal Surgery provides a wealth of practical guidance to surgeons along their journey to progress from competency to mastery in various minimally invasive approaches to colorectal surgery

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