

# Emergency Surgery

## Emergency General Surgery, An Issue of Surgical Clinics E-Book

This volume provides an overview of the current evidence-based medical and surgical practice in emergency conditions in colorectal cancer patients. It offers a multidisciplinary perspective, taking into account the specific characteristics of colorectal cancer patients, the necessary pre-operative assessment, the endoscopic and radiological management, and the surgical treatments. Each chapter is supplemented with tables, figures, key-point boxes, schematic representations, and decision-making trees that serve as easy-to-use tools to apply in the different scenarios requiring acute care. Recommendations for best practice and the main reference articles are included for each topic, as well as numerous illustrated clinical cases with clinical and empirical evidence regarding the surgical management of colorectal cancer. Specific technical aspects of the different surgical interventions and approaches (e.g., open surgery, laparoscopy, and robotics) are also detailed. This book is intended for residents and emergency surgeons, as well as all practitioners who treat colorectal cancer patients, such as gastroenterologists, oncologists, and radiologists.

## Core Topics in General and Emergency Surgery

Core Topics in General & Emergency Surgery provides a short, up-to-date and practical reference guide for surgical trainees and established consultants needing a refresher. The seventh edition has been edited and fully revised by respected experts in their fields, and provides a full list of current references and relevant resources. It covers a range of topics relevant to all areas of surgical practice – beyond surgical knowledge – that are essential for enhanced patient outcomes. These include quality improvement in emergency surgery, evaluation of new technology, evaluation of surgical literature, and human factors. This volume is part of the Companion to Specialist Surgical Practice series, the pre-eminent reference for trainees in general surgery and those preparing for the FRCS examinations. Each volume summarises key issues within each surgical sub-specialty and provides evidence-based recommendations to support practice. Covers relevant topics not found in other surgical textbooks – essential to improve surgical outcomes Concise and easy to follow – ideal for exam revision or as a refresher aid Fully updated with latest evidence on recent developments, management issues and operative procedures International authorship offers a world view Evidence-based recommendations to support practice Key references to support content, plus a comprehensive list of references in the accompanying eBook Links to recommended online videos for further learning New chapters on surgical technology, quality improvement in emergency surgery All chapters revised and updated

## Resources for Optimal Care of Emergency Surgery

Variability in care in emergency surgery is well known, particularly in abdominal surgery, and reducing it is fundamental to improving outcomes. It is therefore vital to identify the factors that are key to improving mortality and reducing complications in various surgical emergencies. Under the leadership of the World Society of Emergency Surgery, over 200 leading experts in emergency surgery, critical care and surgical infections established a template to help define and optimise emergency surgery, particularly that relating to the abdomen. This book refines this initial work, crystallising it into a meaningful resource for practising surgeons and health care administrators alike, and paving the way for advances in emergency surgery around the globe. This book sets a benchmark for Emergency Surgery and is a must read for those wanting their patients to do better.

## Emergency Surgery for Low Resource Regions

This book is aimed at surgeons faced with the immediate management of acute surgical problems in a variety of resource settings. The topics covered are common in both developed and developing countries as well as in tropical and non-tropical settings. The book offers an introduction to trauma, which includes primary, secondary and tertiary surveys, trauma resuscitation, and multidisciplinary care followed by a short section on acute burns management and a discussion of a range of specific surgical topics including various of acute abdomen, upper and lower gastrointestinal bleeding, perianal conditions, oncological issues that require acute intervention, abdominal wall problems, urological emergencies and neck swellings. It also addresses the rational use of antibiotics and medications and the role of high dependency units. Each chapter includes a flow chart algorithm with multiple endpoints that relate to the resource situations available to the surgeon. The book is of interest to clinicians dealing with changes in acute surgery and the increasing disparity between developed and developing countries

## Emergency Surgery of the Hand E-Book

The 4th edition of the globally bestselling *Chirurgie de la Main* is made available to the English-speaking population for the first time in *Emergency Surgery of the Hand*. The text synthesizes the most current knowledge in hand surgery, emergency, and surgical principles for today's surgeons and fellows. Edited by internationally recognized experts Michel Merle and Gilles Dautel, *Emergency Surgery of the Hand* includes an abundance of illustrations, photographs, and step-by-step descriptions to ensure the best possible outcomes for each unique patient scenario. Provides coverage of today's hot topics in hand surgery, including free tissue transfer and pedicle flaps, as well as emergency care of infections. Prioritizes surgical techniques that allow rapid return to work. Covers the latest information on surgical principles, relevant anatomy and physiology, surgical techniques, outcomes and rehabilitation. Step-by-step descriptions of surgical procedures are enhanced by crisp, clear surgical photographs and illustrations.

**Emergency laparoscopic surgery in the elderly and frail patient**

The global population is aging rapidly, and as a result emergency abdominal surgery for acute abdomen in the elderly has become a global issue. Demographic changes in the population have also altered the profile of emergency abdominal surgery, with typical causes of acute abdomen in the elderly including acute cholecystitis, incarcerated hernia, bowel obstruction and appendicitis. In these patients, recovery from surgery is often complicated, leading to longer hospital stays compared with younger patients. Laparoscopy in the emergency setting is well established and offers a number of advantages over open surgical approaches, such as reduced postoperative pain, length of hospital stay and complication rates. While laparoscopic surgery for acute diverticulitis has become more widespread, in other conditions, like small bowel obstruction and perforated peptic ulcer, laparotomy is still used in about 70% of cases. Further, despite the urgent need for knowledge regarding surgical treatment of acute abdomen in the elderly, there is still a lack of evidence in this relevant clinical field. This book analyzes the management strategies and critically evaluates the outcomes of laparoscopic emergency surgery for acute abdomen in the elderly according to the principles of evidence-based medicine. Discussing each topic clearly, and promoting the use of emergency laparoscopy in elderly patients, the book is intended for young general surgeons and surgeons in training with at least a basic knowledge of surgery for acute abdomen. It is also useful as a quick reference tool during on-call shifts.

**Core Topics in General & Emergency Surgery E-Book**

Core Topics in General and Emergency Surgery meets the needs of surgeons in higher training and practising consultants for a contemporary and evidence-based account of general surgery in both elective and emergency situations. It is a practical reference source incorporating the most current information on recent developments, management issues and operative procedures. The text is thoroughly referenced and supported by evidence-based recommendations wherever possible, distinguishing between strong evidence to support a conclusion, and evidence suggesting that a recommendation can be reached on the balance of probabilities. For this Sixth Edition the authorship team across the series has been expanded to include additional European and World experts, with an increased emphasis on global practice. Throughout all six volumes the contents have been extensively revised in line with recently published evidence. Detailed supportive key references are provided and are also included within the comprehensive list of references in the accompanying ebook. Links to recommended online videos have been added where appropriate. The Companion to Specialist Surgical Practice series provides a current and concise summary of the key topics within the major sub-specialties of general surgery. Each volume highlights evidence-based practice both in the text and within the extensive list of references at the end of every chapter. The extensive revisions to this edition of Core Topics in General and Emergency Surgery are intended to maximize its appeal to all those in general surgical practice. There are several entirely new chapters on subjects previously covered in other volumes of the series, while the remaining chapters have been revised, updated or re-written by new authors where appropriate. The new chapters include those on the Evaluation of surgical literature; Enhanced recovery; Organ donation and general surgery in transplant patients; and Principles of neck surgery for the general surgeon. For the first time this volume includes a chapter on Patient safety and human factors in surgery, which distills the core knowledge that is fundamental to achieving good outcomes (and avoiding bad ones) in practice for all grades of surgeon.

**Acute Care Surgery Handbook**

With the introduction of the European Working Time Directive and changes to doctors’ contracts, junior doctors are increasingly expected to cross-cover surgical specialties whilst on-call. Often these are specialties in which they have limited, or no, post-graduate experience. Furthermore, this is often out-of-hours, when senior supervision is less readily available. This survival guide, written by junior doctors for junior doctors, provides a concise and easy to read tool for doctors delivering this care. It covers each surgical speciality in turn, addressing speciality specific emergencies; when to admit patients; and when to call for senior help, as well as offering guidance on common referrals and questions, post-operative complications and common medical emergencies in surgical patients. In addition, it outlines key practical skills often required in surgical specialties, providing a summary of necessary skills and tips and tricks for performing them safely and successfully. Lastly, with increasing availability of high-quality Apps and websites, it summarises key online resources available for junior doctors within surgical specialties. This book is the ideal companion for any junior doctor, or member of the multidisciplinary team, involved in the cross-cover of surgical specialties, helping them to deliver high-quality patient care with confidence.

**Trauma and Emergency Surgery**

One of the most interesting and challenging fields of surgery is trauma and emergency surgery. The formation of a trauma surgical subspecialty has led to a more organized system of dealing with trauma as well as saving lives. Emergency surgery has been the evolution of this, as an effort to incorporate the knowledge and skills of trauma surgery, intensive care, and emergency general surgery, all in one specialty. This is a collection of chapters describing the nature of damage control surgery, which is one of the key concepts and strategies for managing the most challenging trauma and emergency surgery patients. The authors of this book represent a team of true global experts on the topic. In addition to the knowledge shared, the authors provide their personal clinical experience in a variety of different aspects of damage control surgery.

**Key Questions in Thoracic Surgery**

This pocket manual is a practically oriented, wide-ranging guide to acute care surgery general aspects and to non-gastrointestinal emergencies. It covers the most common problems in thoracic, obstetric, gynecologic, anorectal, vascular and skin surgery and also includes chapters on postoperative complications in bariatric surgery, antibiotic management, nutrition and interventional radiology in acute care surgery. This guide stems from collaboration with the World Society of Emergency Surgery (WSSES) and aims to provide general surgeons, residents and trainees with a comprehensive and up-to-date overview of the most relevant operative techniques and with useful "tips and tricks" applicable in daily clinical practice. A second volume on gastrointestinal and abdominal surgical emergencies is also available.

### Emergency General Surgery in Geriatrics

There is a growing need for a book on emergency general surgery in the elderly, as adults age 65 and older are the fastest growing segment of the population worldwide, and their number is expected to double to 89 million between now and 2050. Based on these changing demographics, it is expected that there will be a concurrent rise in the demand for a variety of surgical services, including vascular surgery (with a projected growth of 31%) and general surgery (with a projected growth of 18%), as well as in all sub-disciplines of surgery (thoracic, cardiac, oncology, hepatobiliary, transplant, plastic colorectal, orthopedic, gynecologic, urology and neurosurgery). In addition, older surgical patients often require a different level of care than younger patients during the preoperative, intraoperative and postoperative phases. Many of our geriatric population have multiple chronic illnesses beyond the one for which surgery is required, and therefore are prone to developing postoperative complications, functional decline, loss of independence, and other undesirable outcomes. In response, this book offers surgeons, geriatrists and nurses state-of-the-art surgical approaches and essential information on the complex perioperative care of the elderly.

### Disease Control Priorities, Third Edition (Volume 1)

Emergency surgery is performed on an acutely-ill patient who is at a high risk for death and other complications. Most surgically treatable emergencies fall within the purview of different specialties. Abdominal problems such as strangulated and incarcerated inguinal hernias, intestinal obstructions caused by volvulus, adhesions and worm infections, and appendicitis are certain abdominal conditions that require emergency surgery. Respiratory obstructions may arise due to trauma, tumors, head and neck infections, bleeding, etc. In cases where the obstruction is not resolved with change of position or insertion of a tube or an oral airway into the trachea, procedures such as tracheostomy or cricothyroidotomy may be required. Another condition that may require emergency surgery is urinary obstruction caused due to stones in the bladder obstructing the outlet, scarring of the urethra or an enlarged prostate compressing the urethra. In such cases, an emergency procedure called suprapubic cystostomy may be performed. This book contains some path-breaking studies in the field of emergency surgery. It outlines the procedures and practices that are the mainstay of modern emergency surgery in detail. This book includes contributions of experts and scientists which will provide innovative insights into this field.

### Trauma and Emergency Surgery

Trauma surgery is a surgical specialty that utilizes both operative and non-operative management to treat traumatic injuries, typically in an acute setting. The trauma surgeon is responsible for initially resuscitating and stabilizing and later evaluating and managing the patient. Emergency surgery is surgery to treat trauma or acute illness after an emergency presentation. This book examines trauma and emergency surgery for abdominal, aortic, chest, brain, and burn injuries.

### Critical Illness and Emergency Surgery: Prepare for the MRCS E-Book

Since Mondor’s times in the forties of the last century there was no other book in surgery to be written so easy and witty... Boris D. Savchuk, World Journal of Surgery This, the fifth edition of Schein’s Common Sense Emergency Abdominal Surgery, builds on the reputation of the four previous editions. Already a worldwide benchmark, translated into half a dozen languages, this book guides surgeons logically through the minefields of assessment and management of acute surgical abdominal conditions. Tyro and experienced surgeons alike will benefit from the distilled wisdom contained in these pages. The direct, no-nonsense style gives clear guidance while at the same time providing amusing (or saddening) insights into our collective surgical psyche. Old chapters were revised or rewritten and new chapters have been added, including a completely new colorectal section with its new co-editor. Finally, in an attempt to ‘rejuvenate’ the book, Danny took over the helm while the aging Moshe was pushed down the line... Selected reviews and comments from readers of the previous edition: “What to say, perhaps the most appropriate medical book ever written.” “This is written with short punchy chapters making it a very difficult book to put down.” “By the end I was a total enthusiast... this is a text like no other I read... Unreservedly recommended to old and young alike.” “A Must Have Book. I am about to end my chief year in general surgery residency — my copy of the first edition shows the wear of half a dozen total read throughs and probably hundreds of ‘referencings’...” “Simply perfect. The best choice in surgery for trainees! It makes the more difficult surgery areas very easy to understand. I recommend it to all surgeons.” “One of the best books I have read in my life! Must read for all docs out there.” “But the moral of the book is that if scientific rigorousness (protocols, guidelines, evidence-based) and common sense are at odds, follow common sense.”

### Emergency Surgery and Critical Care

A surgical emergency refers to a medical emergency which requires an immediate surgical intervention in order to save life and resolve the clinical issue. Emergency surgeries can be required in case of acute trauma, cardiothoracic emergencies, gynecological complications and acute gastrointestinal, neurological/ophthalmic and vascular conditions. This may include the treatment of acute airway obstruction, acute appendicitis, gastrointestinal perforation, acute mesenteric ischemia, retinal detachment, bleeding ectopic pregnancy, etc. Critical care is a dedicated branch of medicine aimed at the provision of medical care to patients with life-threatening conditions through life support and intensive monitoring. Mechanical ventilation, hemofiltration, total parenteral nutrition, etc. as well as frequent nursing assessments and nursing care are provided to critically ill patients. This book traces the progress of emergency surgery and critical care and highlights some of their key practices. It unfolds the innovative aspects of emergency surgery which will be crucial for the progress of the field in the future. It is meant for students who are looking for an elaborate reference text in these fields.

### Textbook of Emergency General Surgery

This text aims to provide a comprehensive review of general emergency surgery, the branch of medicine that treats patients presenting to the hospital with a wide variety of emergency conditions. It includes a section focusing on clinical aspects, management, logistics, patient cohorts and perioperative considerations in the context of general emergency surgery and trauma. Other sections describe various conditions and diseases in specific anatomical structures to enable readers to easily find the information they need. Written and edited by international experts and opinion leaders in the field, this book is a valuable reference resource for general and emergency surgeons, trauma surgeons, emergency physicians and nurses. It will also be of interest to residents, students and all other healthcare professionals involved in the management of emergency surgical patients.

## **Operative Techniques and Recent Advances in Acute Care and Emergency Surgery**

The aim of this book is to identify and shed new light on the main surgical practices involved in acute care and trauma surgery. Adopting an evidence-based approach, a multidisciplinary team of surgeons and intensivists illustrate basic and advanced operative techniques, accompanied by a comprehensive and updated reference collection. Emerging surgical procedures in Acute Care Surgery are also explored step by step with the help of ample illustrations. Further, the book offers an overview of treatment options for acute organ failure, with a focus on peculiar clinical situations that call for special treatment, including: extracorporeal membrane oxygenation (ECMO), circulatory support and urgent liver transplantation. In order to identify the key determinants in decision-making and therapeutic support that can help avoid critical errors, authors not only define and discuss specific surgical techniques, but also present major issues and controversies related to it. In essence, the book can be considered a “What to do guide” that offers easy access to both basic and advanced lifesaving surgical procedures, due in part to text boxes highlighting “Tips, Tricks and Pitfalls” as well as advice on “Complications Management”. Many chapters are enriched by providing clinical case scenarios, an important educational resource including self–assessment questionnaires.

## **Emergency General Surgery**

The field of emergency general surgery encompasses a wide array of surgical diseases, ranging from the simple to the complex. These diseases may include inflammatory, infectious, and hemorrhagic processes spanning the entire gastrointestinal tract. Complications of abdominal wall hernias, compartment syndromes, skin and soft tissue infections, and surgical diseases are significantly complex in special populations, including elderly, obese, pregnant, immunocompromised, and cirrhotic patients. This book covers emergency general surgery topics in a succinct, practical and understandable fashion. After reviewing the general principles in caring for the emergency general surgery patient, this text discusses current evidence and the best practices stratified by organ system, including esophageal, gastroduodenal, hepatobiliary and pancreatic, small and large bowel, anorectal, thoracic, and hernias. Chapters are written by experts in the field and present a logical, straightforward, and easy to understand approach to the emergency general surgery patient, as well as provide patient care algorithms where appropriate. Emergency General Surgery: A Practical Approach provides surgeons and surgery residents with a practical and evidence-based approach to diagnosing and managing a wide array of surgical diseases encountered on emergency general surgery call.

## **Surgical Critical Care and Emergency Surgery**

A unique question-and-answer book for surgical residents and trainees that covers all surgical aspects of critical care and acute or emergency medicine This is a comprehensive, one-of-a-kind question-and-answer text for medical professionals and apprentices concentrating on the growing subspecialty of surgery in critical care and emergency surgery. Covering all surgical aspects of critical care and acute or emergency surgery, it is an ideal learning and review text for surgical residents and trainees who care for these patients and those taking the Surgical Critical Care Board Examination. Edited by highly experienced professionals, and written in an engaging style, Surgical Critical Care and Emergency Surgery: Clinical Questions and Answers focuses exclusively on the unique problems and complexity of illnesses of the critically ill and injured surgical patient, and covers the specialist daily care such patients require. It reflects the latest advances in medical knowledge and technology, and includes fully revised and updated questions throughout, with additional topics addressed in a new companion website. Unique question-and-answer book on the growing specialty of critical care and acute surgery Ideal for US boards candidates Covers trauma and burns as well as critical care 8 page full-color insert showing high quality surgical photos to aid study Supplementary website including additional questions Surgical Critical Care and Emergency Surgery, Second Edition is an excellent resource for medical students, residents, fellows, and surgeons, as well as those in non-surgical specialties.

## **Emergency Surgery Course (ESC®) Manual**

This manual explains how to make the right decisions on the timing and selection of investigations and surgical procedures in emergency and urgent surgical settings and describes the most widely used procedures step by step with the aid of high-quality illustrations. The goal is to address the situations that can arise in almost any emergency department throughout the world, enabling the surgeon on call to acquire or sharpen the knowledge and skills needed to deal with acute surgical problems in the most appropriate way. The reader will gain a sound understanding of the most efficient diagnostic modalities, pre-, intra-, and postoperative decision-making, and surgical techniques and issues in particular circumstances. The manual stems from an initiative by members of the European Society of Trauma and Emergency Surgery (ESTES) and the American Association for the Surgery of Trauma (AAST) to set up and formalize Emergency Surgery Courses to provide specific training in emergency and acute care surgery. It represents a didactic accompaniment to the course that will guide the beginner and maintain a certain degree of standardization among the more experienced.

## **Schein's Common Sense Emergency Abdominal Surgery**

The purpose of emergency surgery is to deal with life-threatening conditions. It involves the stabilization and resuscitation of the

patient, preparation of the patient for surgery as well as post-operative and recovery procedures. Conducting diagnostic tests, such as CT and MRI scans, X-rays, EKG and lab work are performed to determine the underlying condition and the severity of the problem. Certain medical conditions which require emergency surgery are acute respiratory failure, severe trauma to the chest, head, abdomen or other extremities, cardiac shocks, cardiac arrhythmia, heart attack, neurological or brain conditions, aneurysms, and abdominal emergencies including appendicitis, choecystitis, perforated ulcer and bowel blockage. After surgery, medication to control pain and prevent infections is prescribed. The time of recovery depends on the condition of the patients and in certain cases, rehabilitation therapy may be necessary. This book aims to shed light on some of the unexplored aspects of emergency surgery and the recent researches in this domain. It aims to give a general view of the various procedures, practices and complication management strategies that are crucial for the management of clinical emergencies. This book, with its detailed analyses and data, will prove immensely beneficial to professionals and students involved in this area at various levels.

**Surgical Emergencies in the Cancer Patient**

Essential Surgery is part of a nine volume series for Disease Control Priorities which focuses on health interventions intended to reduce morbidity and mortality. The Essential Surgery volume focuses on four key aspects including global financial responsibility, emergency procedures, essential services organization and cost analysis.

**Emergency Surgery**

Emergency Surgery provides both a practical guide and an understanding of the issues that need to be considered in the management of emergency surgery patients. It presents a clear account of the key issues involved in the assessment, investigation, resuscitation and surgical management of patients who present to the on-call emergency team. It considers the full breadth of issues encountered in these patients including anaesthesia, pre-op resuscitation/optimization, and initial post-operative care including preliminary high dependency/critical care, as well as the complications and acute issues found in acute surgical patients on the ward. It is ideal for surgical trainees as well as trainees from other specialties involved in the care of these complex and challenging patients. This title is also available as a mobile App from MedHand Mobile Libraries. Buy it now from Google Play or the MedHand Store.

**Emergencies in Clinical Surgery**

This book provides a practical, accessible guide to all emergency situations found before, during, and straight after surgery. It covers approaches to the emergency surgical patient, problem-based emergency surgery, disease-based emergency surgery, post-operative complications, procedures and miscellaneous material such as transfusion.

**Acute Care Surgery**

Acute Care Surgery is a comprehensive textbook covering the related fields of trauma, critical care, and emergency general surgery. The full spectrum of Acute Care Surgery is expertly addressed, with each chapter highlighting cutting-edge advances in the field and underscoring state-of-the-art management paradigms. In an effort to create the most definitive reference on Acute Care Surgery, an evidence-based approach is emphasized for all content included. Also, notable controversies are discussed in detail often accompanied by data-driven resolutions.

**Emergency Surgery – Handbook**

The first edition of this "Emergency Surgery-Handbook" provides a brief and useful account of emergency surgical disorders' essential features. This book is handy for interns, residents, and casualties medical officers as they can refer to this accessible book not to miss the diagnosis. This concise book cannot replace the well-established textbooks, but it gives a clinician sufficient information to manage the emergency. The book covers basic principles and provides essential information on the diagnosis and management of acute surgical conditions and wound care, fluids management, sutures, and antibiotics. It also includes how to minimize post-operative wound dehiscence (10 Pearls of Wound Closure) along with pre-operative and post-operative care. The text covers the field of general surgery and covers the basic needs of the undergraduate as far as the surgical specialties are concerned. This handbook covers newer topics like abdominal compartment syndrome, Emergency Diagnostic laparoscopy in acute abdomen. This book has defined Pearls of wound closure to minimize post-operative wound dehiscence which is a deadly complication and affect the physical and mental health of patients as well as of operative surgeon as said by Moshe Schein ~ "There are few things more embarrassing to a surgeon than the sight of his recently operated patient, his abdomen gaping, and the gut spilling out all around."

**Core Topics in General & Emergency Surgery E-Book**

Core Topics in General & Emergency Surgery meets the needs of surgeons in higher training and practising consultants for a contemporary and evidence-based account of this sub-specialty that is relevant to their general surgical practice. It is a practical reference source incorporating the most current information on recent developments, management issues and operative procedures. The text is thoroughly referenced and supported by evidence-based recommendations wherever possible, distinguishing between strong evidence to support a conclusion, and evidence suggesting that a recommendation can be reached on the balance of probabilities. This is a title in the Companion to Specialist Surgical Practice series whose eight volumes are an established and highly regarded source of information for the specialist general surgeon. The Companion to Specialist Surgical Practice series provides a current and concise summary of the key topics within each major surgical sub-specialty. Each volume highlights evidence-based practice both in the text and within the extensive list of references at the end of every chapter. An expanded authorship team across the series includes additional European and World experts with an

increased emphasis on global practice. The contents of the series have been extensively revised in line with recently published evidence. The volume contains a new chapter on the complications of bariatric surgery. This updated text will appeal to all General Surgeons who wish to keep up to date in both elective and emergency conditions, while providing the relevant information for the Specialist Surgeon who is still required to look after undifferentiated emergencies and carry out routine elective general surgical procedures.

**Core Topics in General and Emergency Surgery**

This text provides a comprehensive textbook summarizing the presentation, workup, and surgical solutions for common emergencies in the cancer patient. The use of medications (antibiotics, hormones, and biologic therapies) and interventional radiologic procedures as adjuncts or as replacements for the surgical solutions are discussed. The text covers emergencies that result as adverse effects for the systemic and local treatments for cancer, emergencies that result from mechanical issues with the cancer and those that result from surviving major extirpative surgery. Diagnosis and treatment of patients' immune-compromised or thrombocytopenic status from chemotherapy is discussed, as is surgical treatment in patients with prior complex surgical therapy or radiation treatment. Finally, the text covers alternatives to surgery, including new interventional radiologic and endoscopic procedures. Surgical Emergencies in the Cancer Patient will be of great value to healthcare professionals at all levels who are involved in the treatment of emergencies in the cancer patient. It is meant for a wide group of individuals, including medical students, residents in surgery and internal medicine, fellows in surgery and oncology, and practicing oncologists and surgeons. This work is meant to be a textbook for the student, a guide for the practitioner, and a reference for the general oncologist.

**Core Topics in General and Emergency Surgery**

Core Topics in General and Emergency Surgery meets the needs of surgeons in higher training and practising consultants for a contemporary and evidence-based account of general surgery in both elective and emergency situations. It is a practical reference source incorporating the most current information on recent developments, management issues and operative procedures. The text is thoroughly referenced and supported by evidence-based recommendations wherever possible, distinguishing between strong evidence to support a conclusion, and evidence suggesting that a recommendation can be reached on the balance of probabilities. This is a title in the Companion to Specialist Surgical Practice series whose six volumes are an established and highly regarded source of information for trainee and specialist general surgeons. The Companion to Specialist Surgical Practice series provides a current and concise summary of the key topics within the major sub-specialties of general surgery. Each volume highlights evidence-based practice both in the text and within the extensive list of references at the end of every chapter. The contents of this volume have been extensively revised in line with recently published evidence. New video resource boxes have been added to many chapters providing links to recommended videos of related operated procedures. Included with the accompanying ebook are over self-testing questions linked to the chapters. Key references associated with 'beyond all reasonable doubt' evidence are included in the print versions; comprehensive reference lists are accessible in the ebook version with links to PubMed abstracts.

**Emergency Surgical Management of Colorectal Cancer**

Emergency Cross-cover of Surgical Specialties

**Emergency Surgery: Evidence-Based Practice**

This comprehensive, multi-authored book covers all aspects of surgery on obese patients in emergency conditions. Obesity is a metabolic disease affecting a high percentage of world population.. It involves marked anthropometric changes, affecting surgical practice and altering patients’ ability to react to surgical stress. The prevalent comorbidities also affect the rate of complications and mortality after surgery. The obesity paradox, the ability of obese patients to survive emergency operations in spite of an increased risk of complications, is an effect of the widespread development of “Obesity Science”. This volume discusses this science, examining the frailty of the obese patients and the main comorbidities that affect clinical practice, as well as the most frequent emergency situations after trauma, inflammatory diseases and the complications of bariatric surgery. With contributions from leading experts, it provides clinicians with detailed and updated information for better practice in this emerging field of surgery.

**Core Topics in General & Emergency Surgery**

Ever since the publication of the first edition in 1997, the Companion to Specialist Surgical Practice series has met the needs of surgeons in higher training and practising consultants by providing contemporary, evidence-based information on the sub-specialist areas relevant to their general surgical practice. All eight volumes are thoroughly edited and supported by evidence-based references to support key recommendations. This new Fourth Edition brings together the relevant state-of-the-art specialist information that the editors and authors consider important for the practising sub-specialist general surgeon. Purchase of a print book also includes a downloadable version of the eBook. A standardised approach is used across the series to provide up-to-date information in a way that will be consistent and familiar to the reader. Each volume gives a current and concise summary of the key topics within each major surgical sub-specialty. Each volume highlights evidence-based practice both in the text and by also identifying the key papers in the extensive list of references at the end of every chapter. Written by an expanded group of authors with an increased international dimension to the content of all volumes. Provides an update on all the key areas of general surgery and its practice, including day case surgery, abdominal hernias, the management of sepsis and the intensive care patient.



## Emergency Surgery in Obese Patients

This issue of Surgical Clinics of North America focuses on Emergency General Surgery, and is edited by Drs. Ron Martin (the Consulting Editor of Surgical Clinics) and Paul Schenarts. Articles will include: Aggressive Soft Tissue Infections; Acute Limb Ischemia; Acute Biliary Disease; Upper GI Hemorrhage; Perioperative Management of Anti-coagulation in Emergency Surgery; Appendicitis; Bowel Obstruction; Pancreatitis; Gut Ischemia; Acid Peptic Disease; Pneumoperitoneum; Volvulus; Diverticulitis; Lower GI Hemorrhage; and more!

## Emergency surgery

Core Topics in General & Emergency Surgery meets the needs of surgeons in higher training and practising consultants for a contemporary and evidence-based account of this sub-specialty that is relevant to their general surgical practice. It is a practical reference source incorporating the most current information on recent developments, management issues and operative procedures. The text is thoroughly referenced and supported by evidence-based recommendations wherever possible, distinguishing between strong evidence to support a conclusion, and evidence suggesting that a recommenda.

## General Surgical Emergencies

For over 20 years Surgery has been at the forefront of providing high quality articles, written by experienced authorities and designed for candidates sitting the Intercollegiate surgery examinations. The journal covers the whole of the surgical syllabus as represented by the Intercollegiate Surgical Curriculum. Each topic is covered in a rolling programme of updates thus ensuring contemporaneous coverage of the core curriculum. For the first time the articles on critical care and emergency surgery are now available in ebook format. This collection of approximately 40 articles will be ideal for revision for the Intercollegiate MRCS examination as well as a useful update for all seeking to keep abreast with the latest advances in this particular branch of surgery. All the articles are written to correspond with the Intercollegiate Surgical Curriculum. These high-calibre and concise articles are designed to help you pass the MRCS examinations. The ebook contains both basic scientific and clinical articles. Also includes both related MCQ and extended matching questions to test your understanding of the contents.

## Atlas of Trauma/ Emergency Surgical Techniques E-Book

Atlas of Trauma/Emergency Surgical Techniques, a title in the Surgical Techniques Atlas Series, presents state-of-the-art updates on the full range of trauma and emergency surgical techniques performed today. Drs. Cioffi and Asensio, along with numerous other internationally recognized general surgeons, offer you step-by-step advice along with full-color illustrations and photographs to help you expand your repertoire and hone your clinical skills. Easily review normal anatomy and visualize the step-by-step progression of each emergency surgery procedure thanks to more than 330 detailed anatomic line drawings and clinical photographs. Avoid complications with pearls and pitfalls from the authors for every surgical technique. Master the key variations and nuances for a full range of emergency techniques. A highly formatted approach provides step-by-step instructions with bulleted "how-to" guidance for each procedure.

## Current Research in Emergency Surgery

Emergency surgery is the surgery which is aimed at the management of an acute threat to organ, limb or tissue. It may also include threat to life caused due to extreme trauma, acute exacerbation of a disease, acute disease condition or complications arising due to a surgical or interventional procedure. The field of emergency surgery involves knowledge of surgical anatomy, and applied pathology and physiology. The understanding of the physiology of the condition or disease, pre-existing comorbidities and their influence on the current condition, and assessment of the condition including the need for surgery are vital to emergency surgery. Emergency surgical procedures include thoracic, abdominal, vascular and soft tissue procedures. This book is compiled in such a manner, that it will provide in-depth knowledge about the theory and practice of emergency surgery. The topics covered herein outline various medical emergencies, and their therapeutic interventions. In this book, using case studies and examples, constant effort has been made to make the understanding of the difficult concepts as easy and informative as possible, for the readers.

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