

Incisional Hernia

Advances in Laparoscopy of the Abdominal Wall Hernia is fully illustrated, comprehensive guide which describes in detail the most up-to-date techniques used in the laparoscopic repair of hernias. Written by world renowned authors, this manual reviews laparoscopic techniques used in the repair of inguinal hernias and ventral incisional hernias. Among the topics explored within this updated, engaging and informative text are: • Techniques such as Extraperitoneal (TEP) and transabdominal (TAPP) hernia repair • Fundamentals of ventral hernia repair • A detailed overview of mesh fixation in laparoscopic surgery • Methods to deal with rarer hernias and those of atypical location Advances in Laparoscopy of the Abdominal Wall Hernia is a valuable reference tool that would be of great benefit to surgeons and medical practitioners working in this field.

The field of hernia repair, in general, has evolved over the last 25 years. The changes that have followed the introduction of this technique have continued and have even increased in the last few years. There is a need to inform the practicing general surgeon about these advances. This text will seek to present the most up to date and important considerations to date. The book will open with a brief history and evolution of the technology surrounding the repair of incisional and ventral hernias laparoscopically and include the introduction of the robotic technology. Prosthetic biomaterials are an integral part of the successful repair of hernias and a comprehensive presentation of these products will be

presented. Preoperative preparation of the patient has now been recognized as a method to improve outcomes in these patients and will be addressed. Technical aspects of the repair of these hernias will then follow in an orderly fashion to include the general considerations of the methodology. The “best practices” of these methods will be presented with appropriate figures and illustrations. The management of difficult situations as well as expected outcomes will be discussed. It is the intent of this text that any surgeon interested in the use of the minimally invasive techniques to repair the incisional and ventral hernias of the abdominal wall will have this resource presenting current opinions and methods. The “thought leaders” in these methods will be the authors of these chapters. This title differs from the Springer related title Novitsky, Hernia Surgery. The Novitsky is more comprehensive at 530 pages. It contains many more illustrations and video. The LeBlanc focuses on Laparoscopic and Robotic Hernia surgery with an estimated page count of 300-350. The LeBlanc presents current opinions of the thought leaders. Therefore, the subtitle: Current Considerations. Incisional hernia surgery has witnessed important advances over recent years, not only as far as the pathophysiological and etiopathogenetic aspects are concerned, but also from a technical point of view. This book provides an update on incisional hernia surgical techniques. It includes chapters on synthetic prostheses, biomaterials and robotics. Surgeons, surgical residents, and medical students will find the information in this volume very useful in their daily practice.

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This book is a surgical manual, intended to present and discuss the use of robotic surgery for abdominal wall hernia repair. It comprises the most important surgical approaches in the field, presenting step by step procedures in a clear and didactic way. Abdominal wall hernias are very common conditions, easily identifiable in clinical practice and that usually require a surgical intervention as treatment. However, the choice for the right surgical procedure to treat those conditions may vary, provided the diversity on possible techniques, clinical presentations and complexity. Robotic surgery has emerged in recent years as an important tool to increase the number of surgical approaches for the surgeon who faces abdominal wall hernias. Video-assisted and robotic surgery may represent a consistent improvement in options available for the surgeon involved in wall hernia repair. Current robotic surgical techniques present several of the benefits of common laparoscopic surgery features (such as low invasiveness and fast recovery), and adds some other specific benefits, such as more dynamic and precise movements and a much better view of the operatory field. Robotic Surgery for Abdominal Wall Hernia Repair is intended to help surgeons to manage this disease from another point of view and to choose the best procedures in each case, pushing medical practice to another level of decisions, investigation and follow up, considering the use of new technologies in robotic surgery. It intends to be a reference manual to medical practitioners who has surgical skills in their backgrounds, but that are not familiar with the use of minimally invasive procedures for

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abdominal wall complex defects.

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 as 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 surgeon. When appropriate, chapters 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

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summary of the current status of the field that will help guide patient management and stimulate investigative efforts.

Repair of simple and complex abdominal hernias by the laparoscopic technique is now the method of choice in many centres. Laparoscopic repair offers equivalent outcomes to open repair, with the additional benefits of greater patient satisfaction and reduced hospitalization. For some hernias, notably incisional and hiatal, the outcome appears to be superior using the minimally invasive technique. This book, authored by an international team of leading surgeons in the field of hernia repair, gives a definitive guide to appropriate patient selection and operative technique. The introductory section delivers a useful, illustrated account of instrumentation, biomaterials and mesh fixation. Subsequent sections provide detailed information about inguinal, incisional and hiatal herniorraphy, including four chapters devoted to the use of laparoscopy in the pediatric patient. Robotics and the socio-economic aspects of hernia surgery are also discussed. - The book gives in-depth coverage of each surgical procedure, including essential background information, relevant anatomy, preoperative evaluation of the patient, choice of instrumentation and biomaterials, and cosmetic results. - Each procedure is illustrated with a step-by-step series of high-quality laparoscopic photographs, allowing the reader to follow the sequence of the operation. - The recognition and management of complications is highlighted, and successful postoperative management techniques are also

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considered. Instructional, descriptive and illustrated in colour throughout, this unrivalled operative guide offers a complete analysis of each of the current technologies, and is an invaluable source of information for practicing and trainee surgeons.

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

Incisional Hernia Springer Science & Business Media

Hernia repair is one of the commonest operations in general surgery. Open or laparoscopic repair of a primary inguinal hernia is a relatively straightforward operation, but more complex abdominal wall hernias demand greater surgical skill

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and knowledge. The editors have assembled the world's top herniologists to describe and illustrate numerous surgical techniques in detail. The field of herniology has developed rapidly over the last few years. Since the previous edition of this book, published in 2003, new surgical techniques have been developed and many new prosthetic and biologic materials have been introduced. Management of Abdominal Hernias 4e presents an authoritative, comprehensive and fully updated account of the surgical techniques and the available prosthetic materials for performing repair of abdominal wall hernias. Both open and laparoscopic methods are included. It is aimed at general and specialist surgeons in the practice of clinical surgery, as well as trainee surgeons.

This book provides a guide to procedures and techniques related to robotic hernia repair. Sections covering inguinal, incisional, and diaphragmatic hernias are included. Each section will cover the setup of the operating room and the management of adverse events specific to the hernia. The steps involved in performing an operation and key components to a successful repair are also covered. The book aims to cover recent technology and updates related to robotic hernia repair. Robotic Assisted Hernia Repair is relevant to robotic hernia surgeons, fellows training in minimally invasive surgery, and general surgical residents. This textbook provides a state-of-the-art reference in the rapidly changing field of hernia surgery. With contributions by key opinion leaders in the field, this book describes the latest trends and detailed technical modifications for both routine and complex hernias. The reader will gain unique insights into robotic and laparoscopic repairs, anterior and posterior component separations, reconstructions in the setting of contamination, enterocutaneous fistulas and loss of abdominal domain. Important contributions from key reconstructive plastic surgeons detail modern trends on how

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to deal with complex skin and soft tissue challenges. The textbook provides unparalleled step-by-step instructions to perform both routine and complex repairs by incredible illustrations, intra-operative color photographs and a unique video collection of procedures performed by today's top hernia surgeons. As a comprehensive and most up-to-date reference to modern treatment algorithms, trends in prosthetic science and technique selections, *Hernia Surgery: Current Principles* will be an invaluable resource to all residents and practicing general, plastic, and trauma surgeons to help them succeed in the field of Hernia surgery.

Every year in the United States there are about 800 000 interventions for the treatment of hernias. New prosthetic materials, specific devices, and surgical techniques that are more attentive to patient well-being and patient compliance offer a new dimension to abdominal wall surgery . Surgery of the abdominal wall, once considered minor, has now acquired the interest of the scientific world. Today, many surgical procedure options are available for hernia pathology. The choice of the correct indication for the patient's pathology is very important for improving the effectiveness of surgery and ensuring better patient comfort, according to the concept of "tailored surgery". The aim of this book is to collect experiences that analyze the most used and innovative surgical techniques by evaluating the correct indications in order to obtain maximum patient comfort and the lowest number of complications.

This issue of *Surgical Clinics of North America* focuses on *Hernia Surgery*, and is edited by Dr. Ajita Prabhu. Articles will include: *Epidemiology and Disparities in Hernia Care*; *Role of Prophylactic Mesh Placement for Laparotomy/Stoma Creation*; *Establishing a Hernia Program*; *Parastomal Hernia Repair: Overview of approaches and review of literature*; *Incisional Hernia Repair: Open Retromuscular Approaches*;

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Incisional Hernia Repair: Minimally Invasive Approaches; Umbilical Hernia Repair: Overview of approaches and review of literature; Flank and Lumbar Hernia Repair; Preoperative Planning and Patient Optimization; ERAS Protocols: Rationale and Components; Quality Measures in Hernia Care; Inguinal Hernia: Mastering the Anatomy; Updates in Mesh and Biomaterials; Inguinal Hernia: Open Approaches; Approach to the Patient with Chronic Groin Pain; and more! This atlas demonstrates how to perform each available extraperitoneal hernia repair via a set of high-quality annotated images showing step-by-step guidance on how to perform the surgery. Robotic extraperitoneal hernia procedures are considered great teaching procedures especially with a dual teaching console. The book bridges the gap between traditional hernia and laparoscopic hernia texts by combining both approaches to create a book with a unique visual approach. Preoperative, intraoperative, and postoperative figures are integrated to highlight the importance of these step-by-step procedures, enhance skill and efficiency, and avoid surgical pitfalls. Detailed descriptive figures accompany step-by-step instructions and include specific anatomical annotations that describe the anatomy and layers of the abdominal wall during hernia procedures. Robotic Hernia Surgery provides a comprehensive, insightful and state-of-art review of this field, and serves as a valuable resource for surgeons, surgeons in training, and students with an interest in hernia and robotic hernia surgery. Incisional hernias are ventral hernias through an operation scar and are a serious complication of abdominal surgery. Incisional hernias occur in 2-11% of laparotomies (A. H. M. DUR. et al, 2009). Incisional hernias enlarge over time and can give rise to such complications as pain, discomfort, bowel obstruction,

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incarceration and strangulation. Furthermore, incisional hernias reduce the quality of life and the chances for employment. Improvement of the quality of life is the major reason to seek surgical care (M.M. Poelman. et al., 2010).

Primary and incisional ventral hernias are common conditions often encountered in surgical practice. Because of the frequency of this problem it has come to be managed by surgeons in general, regardless of the type of hospital or the conditions dealt with in their daily practice. Laparoscopic surgery has demonstrated to have an important role among the different technique described to repair ventral hernia with less recurrent rate, less morbidity and less overall cost than open conventional repair, with all the advance of the laparoscopic approach. As a result the indications for this surgical technique are currently being debated since the advantages are evident and progressive implementation is ensured. Now is the time to analyze the usefulness, results, technical variants, anatomic, physiologic and scientific basis and implications involved in implementation of laparoscopy as the technique of choice.

This book highlights the hernia as an ancient disease that has affected the mankind all over the world with a very high frequency. The book contains a brief introductory chapter followed by various chapters emphasizing the evolution of hernia surgery from the very basic operations to the present highly advanced technique use in present era to treat this surgical problem. Hopefully, this book will be of significant benefit

to the trainee and practicing surgeons alike.

This edition of the SAGES Manual of Hernia Surgery aligns with the current version of the new SAGES University MASTERS Program Hernia Surgery pathway. This manual serves as a curriculum for participants in the MASTERS Program as well as a modern text on hernia surgery for all learners. Hernia surgery is one of the fastest developing fields in general surgery today. There have been rapid advancements in hernia techniques in recent years, making most prior texts on the subject obsolete. These advancements involve significant evolution in both the techniques and strategies for hernia repairs, as well as the tools used to achieve these means. This text thoroughly addresses the multiple component separation techniques and options for locations of mesh repairs. It also discusses the revolution of hernia repair being facilitated by robotic surgery, which allows increased access to minimally invasive techniques for surgeons and thus increased access to minimally invasive surgical repairs for patients. This manual will be a valuable resource for interested surgeons to understand the variety of potential approaches to individual hernias, and to individually tailor the care of the hernia patient.

This title advocates new surgical practices that will allow the performance of mesh hernia surgery with virtually no infections. It considers the utilization of bio-active prosthetic materials for hernia repair in infected fields and the prevention of mesh infection during the operation.

Thoroughly revised by distinguished new authors, the

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Fifth Edition of Dr. Nyhus and Condon's classic text remains the definitive reference on hernia. This edition has been extensively reorganized to include laparoscopic procedures in each chapter and to offer comparisons of the various types of hernia repair. The largest part of the book is devoted to inguinal hernia, but esophageal, abdominal, and diaphragmatic hernia are also covered. A chapter on hernia in pediatric patients is included. More than 600 illustrations complement the text. A Brandon-Hill recommended title.

Endoscopic Repair of Abdominal Wall Hernias crystallizes the enormous experience of a team of minimal access surgeons who are leaders in the field of laparoscopic hernia repair. Written in an easy-to-read format, this full-colour book equips the general surgeon with do-it-yourself techniques using a step-by-step approach to endoscopic repair of hernias of the groin and abdominal wall. This edition has been revised and updated in view of the recognition accorded to herniology in the past decade. The highlights of the book include: A new, simple and practical classification for abdominal wall hernias; line diagrams as well as corresponding operative photographs to delineate the endoscopic anatomy; innovations to reduce the cost of surgery; anaesthetic implications for endohernia repair; and sterilization techniques.

Updated topics in minimally invasive abdominal surgery provides surgeons interested in minimally invasive abdominal surgery with the most recent techniques and discussions in laparoscopic surgery. This book includes different topics covering a big

variety of medical conditions with up-to-date information. It discusses many controversies in a clear and user-friendly manner. This book is made for young junior surgeons in training and also senior surgeons who need to know the most recent work in the field of laparoscopy. To make the material easily digested, we provided the book with many figures and illustrations for different procedures and technical pearls.

This book is the first available practical manual on the open abdomen. Practicing physicians, surgeons, anesthesiologists, nurses, and physiotherapists will find in it a ready source of information on all aspects of open abdomen management in a wide variety of settings. The coverage includes, for example, the open abdomen in trauma, intra-abdominal sepsis, and acute pancreatitis, step-by-step descriptions of different techniques with the aid of high-quality color figures, guidance on potential complications and their management, and features of management in different age groups. The book contents illustrate the most recent innovations and drawing upon a thorough and up-to-date literature review. Useful tips and tricks are highlighted, and the book is designed to support in daily decision making. The authors include worldwide opinion leaders in the field, guaranteeing the high scientific value of the content. All general surgeons, and especially hernia surgeons, will benefit from this book. It contains a

complete update on the research and pathogenesis of the incisional hernia. The volume describes all important diagnostic and therapeutic procedures and evaluates the appropriate use of each procedure for each particular case. Pitfalls and unresolved issues are discussed in depth, and experts of international standing weigh in on each topic.

Recurrence is a significant public health problem. So, this fourth Suvretta meeting, held in February 2006 is intended to concentrate on this problem. Technical nuances of the various operations have been discussed to pursue consensus concerning the best techniques. Methods were explored to improve surgeons' education and look into the multifactorial etiologies to understand the biology of hernia recurrence better.

This book, which describes in detail the most common procedures employed in inguinal hernia surgery, is exceptional in reflecting fully the most recent advances, as well as the most established techniques, in knowledge and practice. The role of recently developed and emerging technologies, including robotics, minimally invasive surgery, and biological meshes, is clearly explained, highlighting useful tips and tricks. The descriptions of traditional procedures, such as the Lichtenstein repair, are brought fully up to date and take into account the novel perceptions that professionals have of them, for example regarding the important role of nurses.

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The reader will also find guidance on established and new treatments for specific pain conditions, including postoperative chronic pain, the pubic inguinal pain syndrome, and obscure groin pain in women. The need for such an update on inguinal hernia surgery became clear at the 1st World Conference on Abdominal Wall Hernia Surgery, which highlighted the huge differences in the approaches adopted by scientists around the world and was chaired by the editor of this book. Inguinal Hernia Surgery will be a useful tool for all health care practitioners involved in hernia surgery.

A hernia is where an internal part of the body pushes through a weakness in the muscle or surrounding tissue wall. Hernias usually occur in the abdomen and there are several different types, each determined by its location within the abdomen. This book is an operative guide to laparoscopic hernia repair for practising and trainee surgeons. Beginning with an introduction and discussion on anatomy, the following section provides step by step guidance on the surgical repair of different types of hernia, and potential difficulties and complications. The final chapter provides a general overview of hernia, explaining classification, signs and symptoms, diagnosis, and treatment. The book includes two interactive DVD ROMs demonstrating surgical techniques as well as high quality photographs and illustrations. Key points Concise guide to

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laparoscopic hernia repair for surgeons and trainees
Provides step by step guidance on surgical procedures for different types of hernia
Covers potential difficulties and complications in surgery
Includes two DVD ROMs demonstrating techniques and high quality photographs and illustrations
Written by an international team of experts, and endorsed by the Asia Pacific Hernia Society (APHS), the main objective of this book is to provide and promote best practices in hernia surgery. It is intended for those surgeons who are already performing hernia repair surgeries, helping them update their surgical know-how in a landscape of rapidly improving techniques. Covering all the commonly performed procedures, from tissue repair to mesh repair (both conventional and laparoscopic), it presents all currently available techniques in detail, addressing the needs of younger and more experienced surgeons alike. Each surgical procedure is explained step by step and supported with high-resolution serial intra-operative photographs and line diagrams. While the majority of the text covers the surgical anatomy, classification, pathophysiology, and imaging techniques for hernias, a closing chapter on future directions introduces readers to the latest and emerging techniques and approaches.

A hernia is where an internal part of the body pushes through a weakness in the muscle or surrounding

tissue wall. Hernias occur in the abdomen and there are several different types, each determined by its location within the abdomen. Hernia Surgery Simplified brings trainees and surgeons fully up to date with the latest techniques for hernia repair. The initial chapters discuss surgical anatomy of hernias, incidence and etiology, diagnosis and anaesthesia. The following sections are each dedicated to a different type of hernia and its surgical management. This comprehensive book places emphasis on the latest mesh products available for use in surgery and includes a DVD demonstrating hernia repair using a prolene mesh implant. Nearly 340 full colour photographs and illustrations assist understanding. Key points Comprehensive guide bringing surgeons up to date with latest hernia repair techniques Detailed coverage of all types of hernia and their surgical management Emphasis placed on latest mesh products Includes DVD featuring hernia repair using prolene mesh implant Nearly 340 full colour photographs and illustrations

This book is distinctive in that it focuses exclusively on current laparoscopic and endoscopic techniques for inguinal, primary and incisional abdominal wall, and hiatal hernias. Individual steps in diagnosis and treatment are described by experts in the field, but this clinical expertise is also integrated with the best available external evidence from systematic research as encapsulated in statements,

recommendations, and guidelines. The reader will thus not only learn how to perform techniques systematically and reproducibly but also come to understand which of the procedures have been scientifically validated by studies, reviews, and meta-analyses and which have simply developed empirically. The descriptions of technique are supplemented by detailed guidance on such aspects as indications, anesthesia, aftercare and pain management, and the prevention and management of complications. Where appropriate, careful comparisons are made of competing repair options, including open techniques. In summary, this book will help practicing surgeons to standardize their operative technique so as to reflect current scientific knowledge and thereby improve the quality of laparoscopic/endoscopic hernia surgery. Even the best hernia repair can result in postoperative difficulties for the patient caused by repair sequelae as for example pain, infertility, infection, adhesion and dislocation of the prostheses. That can happen many years later and now, where the general principle of hernia repair is well understood all over the world, these sequelae are noticed more and more. To define them, to evaluate the absolute and relative risk of these sequelae and to describe the ways of their prevention, diagnosis and treatment, the 5th Suvretta meeting had focussed on this subject. We discussed if there's a

principle risk by technique, material or both. The results of these discussions and the future handling and evaluation of this problem was the aim of this meeting. Even the best method can be made better by optimization of its single components. Even the best hernia repair can result in postoperative difficulties for the patient caused by repair sequelae such as pain, infertility, infection, adhesion and dislocation of the prostheses. This can happen many years later, and now that the general principle of hernia repair is broadly understood all over the world, these sequelae are being noticed more and more. The 5th Suvretta meeting was held in order to define these sequelae, to evaluate the absolute and relative risks they pose, and to discuss the methods of their prevention, diagnosis and treatment. We discussed whether the principal risk was related to technique, material or both. This discussion and the future approach to and evaluation of this problem were the aims of the meeting, working on the premise that even the best method can be made better by optimizing its individual components. The SAGES Manual of Hernia Repair will serve as a state-of-the-art resource for hernia surgeons and residents alike who are interested in the rapidly evolving area of abdominal wall hernia repair. This manual captures and summarizes the current trends in the field, as well as describing the new ideas, programs, and strategies regarding hernia repair.

Through a unique section called Current Debates in Inguinal Hernia Repair, this volume also provides readers an overview of the current opinions on many of the ongoing debates of this time period.

Furthermore, the manual is lavishly illustrated, containing an array of instructional charts and photographs, and is authored by a panel of experts in hernia repair. Comprehensive and easily accessible, The SAGES Manual of Hernia Repair is a portable reference that will be of great value to all practicing surgeons and residents working in the field of abdominal wall hernia repair.

Incisional Hernia Post Hand Assisted Laparoscopic

Donor Nephrectomy: Significant donor

morbidity Adnan Taib¹, Zia Moinuddin^{1,2}, Alex Shaw^{1,2}, Martyn Stott¹, Babatunde Campbell¹, Titus Augustine^{1,2}, David van

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Foundation Trust, Manchester, UK² Faculty of

Biology, Medicine & Health, University of

Manchester, Manchester, UK Introduction: Hand

Assisted Laparoscopic Donor Nephrectomy

(HALDN) has evolved to allow safe minimally-

invasive kidney donation, via a hand port incision,

whilst ensuring the post-operative benefits of

laparoscopic surgery. Morbidity in this group of

patients is undesirable. However, the reported

incidence of significant long-term surgical

complications in this cohort, including incisional hernia (IH), remains variable. This study aimed to investigate the incidence and potential risk factors in the IH development post HALDN. Methods: A retrospective analysis of a contemporaneously maintained database and electronic records of patients who underwent intraperitoneal HALDN at a single centre over 10 years (01/2008-11/2018) was performed. Data collected included incidence and time to diagnosis of incisional hernia. Potential patient confounders (demographics, BMI, smoking status, respiratory co-morbidities, previous abdominopelvic surgery, hernia history) and surgical risk factors (hand port site, wound complications, re-operation, post-operative chest infection) were also assessed. Univariate and multivariate logistic regression analysis was performed. Results: There was an IH incidence of 8.9% (n=69) in 771 patients following intraperitoneal HALDN. Median time to hernia diagnosis was 12 months (IQR 5-16). Univariate analysis revealed respiratory co-morbidities (14.5% vs 6%, p=0.019), obesity (BMI ≥ 30 kg/m²) (35.5% vs 19.7%, p=0.017), wound complications (24.6% vs 9%, p=0.01), re-operation (7.2% vs 2.1%, p=0.027), post-operative chest infection (23.2% vs 10%, p=0.02) as risk factors for incisional hernia occurrence. On multivariate analysis respiratory co-morbidities (OR 2.96, 95% CI 1.21 to 7.24), re-operation (OR

3.64, 95% CI 1.04-12.69) and post-operative chest infection (OR 2.46, 95% CI 1.21 u2013 5.02) were significant predictive factors for hernia formation.

Discussion:Incisional hernia post HALDN is a major complication with significant morbidity in a previously healthy population. Pre- and post-operative respiratory compromise and re-operation appears to increase risk. Focused prehabilitation and post-operative care (enhanced recovery) may therefore mitigate IH risk. Further studies comparing incisional hernias in total laparoscopic and laparoscopic assisted techniques are also needed to establish if technique refinement may be of benefit.

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

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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.

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