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<th><strong>Robotic Surgery</strong></th>
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Robotic surgery

Available Online: View e-Book
Other Authors: Watanabe, Tengai
Responsibility: Go Watanabe, editor
Place of Publication: Tokyo
Publisher: Springer
Date of Publication: c2014
Physical Description: 1 online resource (viii, 159 pages)
ISBN: 9784431548539 (electronic bk.) 9784431548522
Subjects (MeSH): Robotic Surgical Procedures
Subjects (LCSH): Surgical robots
Surgery
Minimally Invasive Surgery

Abstract: Thanks to the advent of leading-edge technologies, there is a new cross-sectional field of surgery: robotic surgery. Due to the rapid development of robotic surgery systems such as da Vinci, there is a great need to refresh one's knowledge every day. This book covers all surgical areas: urological surgery, digestive surgery, and cardiac surgery in addition to mitral valvular disease. It also summarizes the most current topics in robotic surgery addressed by well-known experts from around the world. These specialists' expertise provides useful insights into modern educational techniques for the latest trends in surgery-knowledge that will be valuable to students, residents, and experts who are eager to learn more about advanced medical care including da Vinci as a cross-cutting surgical device, even if it lies outside their specialty field.


Format: e-Book
Location: Online

Robotic Urology

Available Online: View e-Book
Other Authors: John, Hubert
Wiklund, Peter
Responsibility: Hubert John, Peter Wiklund, editors
This updated edition offers guidance on the application of robotic surgery in urology. Each technique is described in detail, with careful explanation of the different surgical steps. The book brings together leading robotic surgeons from around the world and utilises their knowledge once again to update and provide a manual that covers all the oncologic and reconstructive procedures in urologic surgery that are performed with robotic assistance. This book serves as an ideal reference work for all urologists and should contribute in supporting new robotic teams.
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**Format:** e-Book  
**Location:** Online
Robotic Urology

Available Online: View e-Book
Other Authors: John, Hubert
               Wiklund, Peter
Responsibility: Hubert John, Peter Wiklund, editors
Edition:       2nd ed.
Place of Publication: Berlin, Heidelberg
Publisher:     Springer
Date of Publication: c2013
Physical Description: 1 online resource (xi, 423 p. : 254 ill., 244 ill. in color)
ISBN:          9783642332159
Subjects (MeSH): Laparoscopy - methods
                Prostatectomy - methods
                Robotics - methods
                Surgery, Computer-Assisted - methods
                Urologic Surgical Procedures - methods
Subjects (LCSH): Surgery
                Urology
Abstract: Internationally, there is a very evident trend towards increased use of minimally invasive approaches when performing surgical procedures, and robotics is playing a vital role in this context. In this second, revised edition of Robotic Urology, leading robotic surgeons from around the world pool their knowledge to provide an updated manual that covers all the oncologic and reconstructive procedures in urologic surgery that are performed with robotic assistance. Each operation is described in detail, with careful explanation of the different surgical steps and numerous high-quality anatomic illustrations and color surgical photos. An additional feature is the inclusion of extensive references to the scientific literature that support the body of information provided in the book. As well as offering excellent guidance on the application of robotic surgery in urology, the book will serve as an ideal reference work for all urologists and should contribute in supporting new robotic teams and further popularizing robotic surgery.
Contents:


Format: e-Book
Location: Online
Urologic Robotic Surgery

https://libcat.nshealth.ca/en/permalink/provcat28367

Available Online: View e-Book
Author: Stock, Jeffrey A
Other Authors: Esposito, Michael P
Lanteri, Vincent J
Albala, David M
Responsibility: edited by Jeffrey A. Stock, Michael P. Esposito, Vincent J. Lanteri, David M. Albala
Place of Publication: Totowa, NJ
Publisher: Humana Press
Date of Publication: c2008
Series Title: Current clinical urology
ISBN: 9781597451284
Subjects (MeSH): Robotics - methods
Urologic Surgical Procedures - methods
Subjects (LCSH): Robotic surgery
Urology
Format: e-Book
Location: Online
Robotic Cardiac Surgery is a comprehensive guide to robotic/totally endoscopic cardiac surgery. The book is intended to provide in-depth information regarding the history of robotic surgical systems, their components and principles. It emphasizes patient selection, perioperative management, anesthesia considerations and management, operative techniques and management, postoperative care and results. Extensive, detailed photographs and illustrations of different kinds of robotic surgery are also included. It provides cardiac surgeons, cardiac anesthesiologists, and perfusionists with a comprehensive review of current robotic cardiac surgeries and related knowledge.

Contents:
- Overview of Robotic Cardiac Surgery
- Anesthesia for Robotic Cardiac Surgery
- Intraoperative Transesophageal Echocardiography in Robotic Cardiac Surgery
- Peripheral Cardiopulmonary Bypass Establishment for Robotic Cardiac Surgery
- Robotic Surgery in Congenital Heart Diseases
- Totally Robotic Myxoma Excision
- Robotic Mitral Valve Surgery
- Robotic Coronary Bypass Graft on Beating Heart
- Hybrid Coronary Revascularization
- Robotic Left Ventricular Epicardial Lead Implantation.
Robotic Urologic Surgery, Second Edition is an updated and revised technical manual focusing on the various robotic approaches to robotic urologic surgical procedures. This book provides instructions on how to develop a successful robotics program, learn the various techniques, and improve outcomes. It also aids the reader with helpful hints to avoid pitfalls. Robotic Urologic Surgery, Second Edition includes up-to-date contributions from leading robotic urologic surgeons from around the world. The detailed body of data which this book provides is supported by schematic diagrams and anatomic photographs to illustrate the concept being discussed. Robotic Urologic Surgery, Second Edition is an essential guide for all urologists as a reference to establish a robotics program, refine their surgical technique, and provide information to patients.
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ISBN: 9783319645087

9783319645063 (print ed.)
9783319645070 (print ed.)

Subjects (MeSH): Robotic Surgical Procedures - methods
Thoracic Surgical Procedures - methods

Specialty: Robotic Surgical Procedures
Thoracic Surgery

Abstract: This book represents the definitive robotic surgery atlas, containing didactic material necessary to facilitate effective practice in thoracic surgery and to provide learning tools in these methods both to practicing surgeons and to those in training. It defines the complete operative pathway for each procedure for surgeons who wish to be a complete robotic cardiothoracic surgeon and include hints and procedural pitfalls derived from the experiences of chapter contributors. The Atlas of Robotic Thoracic Surgery is illustrated with high quality illustrations and color photographs from surgical operations and contains expert analysis from leading surgeons who provide the key visual features of their chosen topics. Anesthetic and cardiopulmonary support preparation for each operation are included and selected references will be provided to emphasize evidence-based outcomes. This book has been designed to augment Atlas of Robotic Cardiac Surgery edited by Ranny Chitwood, both being developed from these same concepts of simplicity and practical instruction. It will therefore be an important resource for all involved in thoracic robotic surgery or interested in learning more about the techniques involved.

Contents:
- Principles of Robotic Thoracic Surgery, Program Development and Equipment
- Anesthesia for Robotic Thoracic Surgery
- Robotic Lobectomy
- Robotic Lobectomy: Hilum First Technique
- Robotic Pancoast and Chest Wall Resection
- Robotic Anterior Mediastinal Mass/Cyst and Thymectomy
- Robotic Anterior Mediastinal Mass Resection: Belgium
- Robotic Thymectomy: China
- Robotic Applications to the Mediastinum – Difficult Mediastinal Mass Resections: Robotic Approach and Solutions: Austria
- Robotic Transhiatal Esophagectomy – Robot-Assisted Thoracolaparoscopic Esophagectomy: The Netherlands
- Robot-Assisted Thoracoscopic Esophagectomy in the Semi-Prone Position
- Robotic Esophagectomy – Laparoscopic Robotic Diaphragmatic Plication
- Robotic Diaphragmatic Mass Removal
- Robotic Phrenic Nerve Pacemaker Implantation
- Robotic Percardial Cyst/Mass Resection
- The Surgical Treatment of Pericardial Disease: The Robotic Approach
- Robotic Transthoracic Thoracic Duct Ligation
- Robotic Diaphragm Plication
- Robotic Laparoscopic Modified Belsey Procedure (Gastroesophageal Valvuloplasty) for Gastroesophageal Reflux Disease
- Robotic Fundaplication: Nissen-Rossetti
- Robotic Paraesophageal "Giant" Hiatal Hernia Repair
- Robotic Heller Myotomy
- Robotic Assisted Laparoscopic Cardiomyotomy (Heller Myotomy) in Achalasia
- Robotic-Assisted Esophageal Epiphenic Diverticulectomy
- Esophageal Leiomyoma
- Robotic Transthoracic Esophageal Leiomyoma Resection
- Robotic First Rib Resection: Paget-Schroetter's Syndrome.

Format: E-book
Publication Type: Atlas
Location: Online
Atlas of robotic prostatectomy

Available Online: View e-Book
Other Authors: John, Hubert
Wiklund, Peter
Witt, Jorn H
Responsibility: Hubert John, Peter Wiklund, Jorn H. Witt, editors
Place of Publication: Berlin, Heidelberg
Publisher: Springer
Date of Publication: c2013
Physical Description: 1 online resource (xii, 80 p.)
ISBN: 9783540884088
Subjects (MeSH): Prostatectomy
Prostatic Neoplasms - surgery
Robotics - Atlases
Video-Assisted Surgery
Subjects (LCSH): Surgery
Urology
Abstract: In many centers of excellence in Urology, robotic prostatectomy has become the first choice for the surgical treatment of localized prostate cancer owing to benefits such as reduced pain and minimization of impotence and incontinence. This atlas, specifically designed for use by surgeons, provides a beautifully illustrated, step-by-step guide to all aspects of the procedure. The various techniques that can be employed to achieve excellent oncological and functional results are carefully depicted in appropriate detail; for example, nerve-sparing techniques, bladder neck reconstruction, and approaches aimed at the early restoration of continence are clearly described. Special situations, such as prior prostate surgery, a large prostate, and salvage prostatectomy, are also fully covered.

The information contained in this atlas will be of great value in enabling surgeons to improve their results and to take full advantage of the benefits of robotic prostatectomy compared with open prostatectomy.


Format: e-Book
Location: Online

Complications in Robotic Urologic Surgery

Available Online: View e-Book
This text examines precisely all possible scenarios about robotic urologic surgery where a complication may arise, in order that the surgeon knows all the risk factors that predispose a complication, and if it is presented, to have all anatomical, surgical and updated scientific elements to resolve the situation successfully. The book's content is designed for easy and thorough reading. It is organized in sections that include an overview of robotic surgery, principles of anesthesia and complications, as well as recognition of failure in the instruments used in this kind of surgery. It then offers a detailed discussion of each robotic urologic surgical procedures, both the upper urinary tract, lower urinary tract, oncological procedures, reconstructive and those that are managed in conjunction with other specialties such as gynecology, pediatrics, and other highly specialized as the case of kidney transplantation. Chapters are written by experts in the field who indicate step by step review of each clinical case in particular to prevent the occurrence of associated complications, including providing information on legal aspects. The book is written for both novice surgeons and all those experts who interact daily in the wonderful world of robotic surgery. Containing the points of view and recommendations of the most experienced surgeons in each of the procedures, it is as if the professor were in the operating room with the surgeon to explain how to prevent, identify and treat complications. Complications in Robotic Urologic Surgery represents the complete collection of all the stages of complications in urologic robotic surgery and will be indispensable for all robotic surgeons.
### Contents


### Format
- e-Book

### Location
- Online

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**Textbook of Gynecologic Robotic Surgery**

https://libcat.nshealth.ca/en/permalink/provcat42939

**Available Online:** View e-Book

**Other Authors:** El-Ghobashy, Alaa

Ind, Thomas

Persson, Jan

Magrina, Javier F.

**Responsibility:** edited by Alaa El-Ghobashy, Thomas Ind, Jan Persson, Javier F. Magrina

**Place of Publication:** Cham, Switzerland

**Publisher:** Springer

**Date of Publication:** c2018

**Physical Description:** 1 online resource (xiii, 255 p.) : 204 illus., 197 illus. in color

**ISBN:** 9783319634296

9783319634289 (print ed.)

9783319634302 (print ed.)
Abstract: This book is not only a compilation of the knowledge and experiences of the best robotic surgeons around the world, but it has also incorporated the recent advances and updates in Gynaecological surgery. It is designed to provide a detailed guide to common robotic Gynaecologic procedures for the purpose of helping novice surgeons in their transition to robotic surgery and seasoned robotic surgeons to refine their surgical technique and expand their repertoire of robotic procedures. The descriptive, step-by-step, text is complimented by figures, intraoperative photographs and videos detailing the nuances of each procedure. Emphasis is placed on operative setup, instrument and equipment needs and surgical techniques for both the primary surgeon as well as the operative assistant. This volume will provide unique insights into robotic Gynaecologic surgery and reduce the learning curve of accomplishing these increasingly popular procedures.

Contents:
- Evolution of Robotic Surgery: Past, Present, and Future
- Marketing and launching of a Robotic Surgical Programme
- Training in Robotic Gynaecologic Surgery
- Preparation of the Operating Room, Back Table, and Surgical Team
- Anaesthetic considerations
- Patient Positioning and Trocar Placement for Robotic Procedures
- Difficult Peritoneal Access
- Single site Robotic practice
- Robotic Simple hysterectomy
- Robotic management of severe endometriosis
- Role of Robotics in the management of infertility
- Robotic Myomectomy
- Robotic management of vaginal prolapse
- Firefly: Vascular and lymphatic imaging
- cervical cancer
- Compartmental theory in Gynaecological cancer, anatomical consideration
- PMMR in the management of endometrial cancer
- Robotic Pelvic Lymph Node Dissection
- Robotic Para-aortic Lymph Node Dissection
- Extraperitoneal lymphadenectomy
- Robotic debulking surgery in ovarian cancer
- Robotic Urological procedures in Gynaecology
- Robotic GI procedures in Gynaecology
- Robotic Exenteration
- Prevention and Management of Complications
- Role of the Robotic Surgical Assistant
- Trouble shooting, tips and tricks.
As a consequence of rapid changes in surgical technique and incorporation of new robotic technology and advanced intraoperative imaging, the second edition of this important textbook reflects these rapid changes in the field of robotic urologic surgery. The goals of this textbook are three-fold. First, it provides a comprehensive update on surgical techniques pertinent to each robotic urologic procedure being performed worldwide, spanning procedures performed for both upper urinary tract (e.g. adrenal, kidney, ureter) and lower urinary tract (e.g. bladder, prostate, seminal vesicle, vagina) as well as adult and pediatric conditions. Second, advances in new robotic instruments and technology as well as advanced intraoperative imaging modalities used for surgical navigation are incorporated. Third, to further improve upon the first edition, this textbook is highly illustrated with schematic drawings to aid an understanding of the surgical techniques. Links to online video content is presented throughout. Atlas of Robotic Urologic Surgery will serve as a vital step-by-step, highly illustrated comprehensive yet concise resource to urologic surgeons, trainees and robotic surgical assistants embarking on robotic surgery as part of their surgical armamentarium for treatment of urologic diseases.

Contents:


Format: e-Book
Atlas of robotic general surgery

https://libcat.nshealth.ca/en/permalink/provcat46244

Available Online: View e-Book
Other Authors: Novitsky, Yuri W.
Responsibility: [editor] Yuri W. Novitsky ; associate editors Conrad Ballecer, Igor Belyansky ... [et al.]
Alternate Title: Robotic general surgery
Place of Publication: Philadelphia, PA
Publisher: Elsevier
Date of Publication: c2022
Physical Description: 1 online resource, 338 p.
ISBN: 9780323697804
Subjects (MeSH): General Surgery - methods
Robotics
Surgical Procedures, Operative - methods
Specialty: Robotic Surgical Procedures
Abstract: Atlas of Robotic General Surgery is a state-of-the-art reference in the rapidly changing field of robotic general surgery. It presents a comprehensive overview of current options across the entire spectrum of general surgery, with contributions by key opinion leaders in their respective fields.

This unique text-atlas describes the latest trends and detailed technical modifications from the routine to the most complex procedures, highlighted by step-by-step, vividly illustrations instructions, intraoperative color photographs, and a unique narrated video collection.

Access: Registration required for PDF access.
Format: e-Book
Publication Type: Atlas
Location: Online

Robotic Surgery of the Bladder

https://libcat.nshealth.ca/en/permalink/provcat39576

Available Online: View e-Book
Other Authors: Castle, Erik P
Pruthi, Raj S
Responsibility: Erik P. Castle, Raj S. Pruthi, editors
Robotic Surgery of the Bladder is a dedicated resource to understanding and mastering the concepts and practical aspects of robotic bladder surgery. The volume provides an introduction to urologists interested in initiating robotic radical cystectomy by providing them background, concepts, steps, and tools and tricks to introduce robotic radical cystectomy into their clinical practice, all in a safe, stepwise, and organized manner. For the more experienced robotic surgeon, the text serves as a resource for more advanced applications and techniques. The volume is also accompanied by many still images and a DVD of video clips. Written by experts in the field, Robotic Surgery of the Bladder is a comprehensive resource that maintains the time-tested oncologic principles of bladder cancer surgery, while introducing the advantages that exist with robotic-assisted approaches.

Contents:
This comprehensive atlas defines the role of robotic surgery in cardiac surgical practice and provides a wealth of practical didactic advice. The Editor has assembled a group of experts in the field to define the complete operative pathway of each procedure for surgeons who desire to become a complete robotic cardiac surgeon. To reduce the learning curve, the atlas includes hints and procedure pitfalls that are derived from the experiences of the chapter contributors. The most important cardiac operations, including valve repair and replacement as well as coronary surgery, are detailed but using the latest robotic methods. Atlas of Robotic Cardiac Surgery is richly illustrated with the highest quality illustrations. Anaesthesia and cardiopulmonary support preparation for each operation is featured, and selected references have been provided to emphasize evidence-based outcomes from previously published data. As such, this book will influence and be essential reading for both practicing and trainee surgeons in minimally invasive and robotic cardiac surgery.
Contents:

Format: e-Book
Location: Online
Atlas of Robotic Urologic Surgery

Available Online: View e-Book
Author: Su, Li-Ming
Responsibility: edited by Li-Ming Su
Place of Publication: Totowa, NJ
Publisher: Springer Science+Business Media
Date of Publication: c2011
Series Title: Current clinical urology
ISBN: 9781607610267
Subjects (MeSH): Robotics - methods
Urologic Surgical Procedures - instrumentation
Urologic Surgical Procedures - methods
Subjects (LCSH): Robotic surgery
Urology
Format: e-Book
Location: Online