

# Atlas Of Robotic Prostatectomy

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*Atlas Of Robotic Prostatectomy*

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### Robotic Urologic Surgery Elsevier

Depend on Hinman's for up-to-date, authoritative guidance covering the entire scope of urologic surgery. Regarded as the most authoritative surgical atlas in the field, Hinman's Atlas of Urologic Surgery, 4th Edition, by Drs. Joseph A. Smith, Jr., Stuart S. Howards, Glenn M. Preminger, and Roger R. Dmochowski, provides highly illustrated, step-by-step guidance on minimally invasive and open surgical procedures, new surgical systems and equipment, and laparoscopic and robotic techniques. New chapters keep you up to date, and all-new commentaries provide additional insight from expert surgeons. Features 10 new chapters, including Radical Cystectomy in the Male, Robotic Urinary Diversion, Laparoscopic and Robotic Simple Prostatectomy, Transrectal Ultrasound-Directed Prostate Biopsy, Transperineal Prostate Biopsy, Prostate Biopsy with MRI Fusion, Focal Therapies in the Treatment of Prostate Cancer, Brachy Therapy, Male Urethral Sling, and Botox Injection for Urologic Conditions. Includes new commentaries in every chapter from today's leading urologists. Offers a step-by-step incremental approach, highlighted by new illustrations, photos, and images. Keeps you current with significant revisions to all female sling chapters, urethroplasty chapters, and more. Helps you find what you need quickly with a clear, easy-to-use format - now reorganized to make navigation even easier.

### *Robotic Urology: The Next Frontier, An Issue of Urologic Clinics Springer*

Minimally invasive surgery has emerged as the standard treatment for many gynecologic diseases and conditions. In the past decade, numerous studies have demonstrated the superiority of laparoscopic approaches over standard open procedures in terms of improved quality of life for patients. Innovations in minimally invasive surgical technology—such as multichannel ports, articulating instruments, and flexible high-definition endoscopes—have made it possible for laparoscopic surgeons to perform increasingly complicated gynecologic surgeries through smaller incisions. As such, since the first edition of the atlas published in 2014, technologies and techniques once considered novel have become standard. This second edition, with five new chapters and content updated throughout to reflect the latest evolutions in the field, serves as a guide in robotic, conventional, and single-port laparoscopic surgery, presenting invaluable, up-to-date information about instrumentation, surgical technique, port systems, and the current research and development in robotics. Chapters address unique challenges associated with each technique, such as lack of

haptic feedback or articulation and instrument crowding, and describe the advanced laparoscopic skills required to safely and efficiently perform procedures, such as how to move and control a flexible camera or use the robot. Specific topics include conventional laparoscopic myomectomy, adnexal surgery, total and supracervical hysterectomy, and excision of endometriosis excision, as well as related techniques in gynecologic oncology, urogynecology and pelvic reconstructive surgery, tubal surgery and ectopic pregnancy, isthmocoele repair, and trachelectomy for early cervical cancer. For single-port laparoscopic techniques, chapters are presented on adnexal surgery, hysterectomy, and gynecologic oncology, while the section on robotic surgery offers guidance on instrumentation, platforms, and basic principles; robotic-assisted laparoscopic myomectomy, total hysterectomy for benign disease, endometriosis management, and total hysterectomy for cancer; as well as techniques for robotic adnexal surgery, urogynecology/pelvic reconstructive surgery, tubal surgery, and complication management, concluding with a review of new and emerging technologies. For students, residents, fellows, operating room personnel, and practicing gynecologic surgeons, the editors share experience amassed while developing novel surgical instrumentation and collaborating on presentations for numerous worldwide events. Internationally renowned experts contribute as well to this practical, illustrated resource on current minimally invasive techniques in gynecologic surgery.

### *Robotic Head and Neck Surgery Elsevier Health Sciences*

Concise, thorough, and superbly illustrated, Atlas of Laparoscopic and Robotic Urologic Surgery, 4th Edition, is an ideal resource for learning new techniques or briefly reviewing before a case. Written and edited by renowned experts in the field of laparoscopic and robotic surgery, this practical text covers today's best minimally invasive approaches using the surgical systems, equipment, and robotic devices in use today. More than three hours of video instruction, an increased focus on robotics and new urologic procedures, and step-by-step illustrations help you sharpen your skills in this high-demand area. Contains new chapters on Post Operative Management: Pain and Other Considerations for Enhanced Recovery after Surgery (ERAS); Bladder Reconstruction in Children; Sacrocolpopexy; Applications for Infertility Surgeries; and Surgery of the Spermatic Cord. Includes new and updated information on nephrectomy, adrenalectomy and partial adrenalectomy, urinary diversion, and partial cystectomy and diverticulectomy. Offers new content on camera and lens systems, instrumentation, the da Vinci surgical system, pyelo/ureterolithotomy, robotic-assisted and laparoscopic simple prostatectomy, and more. Covers radical robotic prostatectomy, innovative approaches to treat ureteral strictures, up-to-date surgical care of malignancies, and novel pediatric

surgeries. Features more than 30 high-quality videos online (many are new) including robotic retroperitoneal lymph node dissection, robotic assisted kidney transplantation, robotic simple prostatectomy, robotic cystectomy and robotic neobladder evolution, laparoscopic partial adrenalectomy, and many more. Provides clinical pearls, tips and tricks, and complications boxes throughout. Enhanced eBook version included with purchase. Your enhanced eBook allows you to access all of the text, figures, and references from the book on a variety of devices.

#### Robotic Urology Springer

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.

#### Urologic Robotic Surgery in Clinical Practice Springer Nature

Written by recognized experts in this fast-changing field, this highly practical text by Drs. Jay T. Bishoff, Louis R. Kavoussi, and David A. Leavitt has been completely revised and greatly expanded to cover what you need to know about today's laparoscopic and robotic technology and techniques.

*Atlas of Laparoscopic and Robotic Urologic Surgery* is a concise, thorough, superbly illustrated reference, perfect for learning new techniques or briefly reviewing before a case. You'll be guided through today's best minimally invasive approaches using new surgical systems and equipment, including third- and fourth-generation robotic devices. Step-by-step illustrations, tips and tricks, and information on complications helps you sharpen your skills in this high-demand area. Consult this title on your favorite e-reader, conduct rapid searches, and adjust font sizes for optimal readability. Twenty brand-new chapters on camera and lens systems, instrumentation, the da Vinci surgical system, pyelo/ureterolithotomy, robotic-assisted and laparoscopic simple prostatectomy, and more. Completely revised and updated chapters on laparoscopic partial nephrectomy and endoscopic inguinal lymph node dissection for penile cancer. More than 30 high-quality videos online (24 are brand new), including robotic retroperitoneal lymph node dissection, robotic assisted kidney transplantation, robotic simple prostatectomy, robotic cystectomy and robotic neobladder evolution, laparoscopic partial adrenalectomy, and many more. Cutting-edge topics including matured techniques for nephron sparing surgery, state-of-the-art nerve sparing for radical robotic prostatectomy, innovative approaches to treat ureteral strictures, up-to-date surgical care of malignancies, and novel pediatric surgeries.

#### *Robotic-Assisted Minimally Invasive Surgery Springer*

Deep knowledge of anatomy and surgical technique will continue to remain the foundation of surgery despite advancement in surgical technology. Robotic surgery usage has increased drastically in the last decade. More than ever before, surgical community in great need for an updated atlas in the various upper GI surgical procedures and techniques available. This atlas demonstrates how to perform the most common Upper GI robotic procedure via a set of high-quality state-of-the-art annotated images showing step-by-step guidance providing pertinent and concise procedure descriptions spanning benign and malignant upper GI problems. Robotic upper GI

procedures are considered technically demanding with attention to details thus are considered great teaching procedures especially with dual robotic consoles, simulation, and teleproctoring.

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 during upper GI procedures. *Atlas of Robotic Upper Gastrointestinal Surgery* will provide a comprehensive, insightful and state-of-art review of this field, and will serve as a valuable visual resource for surgeons, surgeons in training, and students with an interest in robotic upper GI surgery. All chapters are written by an international group of experts in their field, to provide a comprehensive atlas for specialists and trainees, this illustrated book will give a current and concise summary of all key topics and recent developments in upper GI surgery.

#### **Atlas of Single-Port, Laparoscopic, and Robotic Surgery Springer**

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.

#### *Robot-Assisted Radical Prostatectomy Springer*

Minimally invasive surgery has impacted the outcomes of surgery more than any technology since the development of sterile technique. The hard science has demonstrated that decrease in wound complications and recovery time has created the biggest gap with open approaches to surgery. The total economic benefit may be unfathomable when looked at comprehensively. Integral to the rise of minimal access and therapeutic techniques in surgery has been the growth of technological improvements over time. Beginning with insufflators, videoscopes, and energy devices, that evolution has continued into the development of tele-surgical devices that feature full articulation of instruments, high-resolution 3-D optics, and computer assisted movement. This has come with controversy - as the dominant manufacturer of robotic assisted devices, Intuitive Surgical, and their generations of da Vinci surgical platforms, holds enough market share to spur cries of monopoly and financial excess. However, with over 3000 world-wide systems in use, and over 6000 peer-reviewed research articles, the impact of robotic surgery cannot be ignored. The current state of data suggests equivalency in most procedures with regard to traditional outcome measures, equal or somewhat elevated costs, with specific areas of superiority. The first section of this textbook, *Surgical Robots*, covers the history, economics, training, and medico-legal aspects of robotic surgery that will be of interest to students, residents, fellows, surgical staff, and administrators or public

health specialists who seek to gain a comprehensive background on robotic surgery, or justification for purchasing a robotic system for their institution. Surgeons will also find this background valuable to their practice, to give context to their procedures so they can better counsel their patients, help with advocating for robotic platform purchases, and proactively prepare themselves for medico-legal issues. The chapter on legal issues will have specific instances of robotic surgery-related lawsuits and their outcomes, a first for robotic surgery texts. The second section of this textbook, *Robotic Procedures*, will contain a comprehensive catalogue of procedures that have been performed robotically in general surgery, gynecology, urology, plastic surgery, cardiothoracic, and otolaryngology. Each author will cover the existing literature, preoperative planning, room and patient setup, steps of the procedure, and postoperative care. Standardized room maps and port placement will help the student, resident, fellow, surgeon or OR Staff to quickly reference these before cases. Each chapter will also cover the specific equipment needs and expected complexity of the procedures, allowing administrators to better gauge how to prepare for, or ration, use or their robotic resources. The final section, *Future of Robotics*, will give the entire scope of audience a look into what exciting advancements in the field are on the horizon. This textbook is a complete resource for robotic-assisted minimally invasive surgery, covering the history, current state, technical and clinical aspects, and future considerations that may be of interest to any who has a role, stake, or curiosity regarding robotic surgery.

*Atlas of Robotic Upper Gastrointestinal Surgery* Springer Science & Business Media

Operative urology has evolved in recent years to include laparoscopic and robot-assisted surgical procedures, which have resulted in significant improvements in quality of life-related outcome. Nevertheless, training methods in urologic laparoscopy and robot-assisted surgery vary considerably, and a structured training scheme is required to enable the modern urologist to adapt to and make optimal use of these techniques. Accordingly, the main goal of this surgical atlas is to guide the urologist carefully through all the standard laparoscopic and robot-assisted procedures. Each procedure is presented in detail with numerous supporting endoscopic images and diagrams. The reader is thereby acquainted with the different surgical steps and will acquire the knowledge necessary for reliable reproduction of the techniques in clinical practice.

*Atlas of the Prostate* Springer

Depend on Hinman's for up-to-date, authoritative guidance covering the entire scope of urologic surgery. Regarded as the most authoritative surgical atlas in the field, Hinman's *Atlas of Urologic Surgery*, 4th Edition, by Drs. Joseph A. Smith, Jr., Stuart S. Howards, Glenn M. Preminger, and Roger R. Dmochowski, provides highly illustrated, step-by-step guidance on minimally invasive and open surgical procedures, new surgical systems and equipment, and laparoscopic and robotic techniques. New chapters keep you up to date, and all-new commentaries provide additional insight from expert surgeons. Features 10 new chapters, including Radical Cystectomy in the Male, Robotic Urinary Diversion, Laparoscopic and Robotic Simple Prostatectomy, Transrectal Ultrasound-Directed Prostate Biopsy, Transperineal Prostate Biopsy, Prostate Biopsy with MRI Fusion, Focal Therapies in the Treatment of Prostate Cancer, Brachy Therapy, Male Urethral Sling, and Botox Injection for Urologic Conditions. Includes new commentaries in every chapter from today's leading urologists. Offers a step-by-step incremental approach, highlighted by new illustrations, photos, and images. Keeps you

current with significant revisions to all female sling chapters, urethroplasty chapters, and more. Helps you find what you need quickly with a clear, easy-to-use format - now reorganized to make navigation even easier.

*Atlas of Robotic Urologic Surgery* Elsevier

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.

**Atlas of Laparoscopic and Robotic Urologic Oncological Surgery** Elsevier Health Sciences  
*Handbook of Robotic and Image-Guided Surgery* provides state-of-the-art systems and methods for robotic and computer-assisted surgeries. In this masterpiece, contributions of 169 researchers from 19 countries have been gathered to provide 38 chapters. This handbook is 744 pages, includes 659 figures and 61 videos. It also provides basic medical knowledge for engineers and basic engineering principles for surgeons. A key strength of this text is the fusion of engineering, radiology, and surgical principles into one book. A thorough and in-depth handbook on surgical robotics and image-guided surgery which includes both fundamentals and advances in the field. A comprehensive reference on robot-assisted laparoscopic, orthopedic, and head-and-neck surgeries. Chapters are contributed by worldwide experts from both engineering and surgical backgrounds.

*Robotic Urology: The Next Frontier, an Issue of Urologic Clinics, Volume 48-1* Elsevier Health Sciences

This heavily revised third edition gives an essential textbook which provides a comprehensive guide to robotic surgical techniques in urology. Extensively updated chapters cover general aspects of surgery such as aspects of operating room preparation and anesthesia. Instructions on how to use a variety of the latest techniques for procedures associated with the kidney, prostate, bladder and testicle are covered. Detailed information on how to improve outcomes, avoid potential complications and pitfalls is also provided. Instructive video clips assist the reader in being able to visualize how to enhance their methodologies further. *Robotic Urologic Surgery* is a detailed up-to-



date resource that includes contributions from leading robotic urologic surgeons from around the world. It assists readers in refining their surgical technique and improving their patient care. Therefore, it is a critical resource for all practicing and trainee physicians involved in the care of these patients.

*Handbook of Robotic and Image-Guided Surgery* JP Medical Ltd

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.

*Gynecologic Atlas of Robotic Surgery* Springer Science & Business Media

This atlas presents the principles and techniques of minimally invasive urologic oncological surgery. Divided into three sections, the authors discuss anaesthesia and set up, upper tract surgery and lower tract surgery. Each chapter examines a different urologic oncological procedure, comparing both laparoscopic and robotic methods. Written by renowned experts in the US, this atlas includes more than 500 detailed intra-operative photographs depicting critical sequential procedural steps. Key Features Presents principles and techniques of minimally invasive urologic oncological surgery Three sections discuss anaesthesia and set up, upper tract and lower tract surgery Compares laparoscopic and robotic procedures for numerous urologic oncological conditions Renowned US author and editor team More than 500 intra-operative photographs

**Robotic Hernia Surgery** Springer Science & Business Media

The book demonstrates the step-by-step method of performing minimally invasive esophagectomy and robot-assisted esophagectomy. Chapters cover the techniques of performing minimally invasive and robot-assisted Ivor Lewis esophagectomy and McKeown esophagectomy as well as variation in methods of chest and neck anastomosis and a method to perform jejunostomy tube placement. Each author provides a narrative on their technique in performing the esophagectomy with pearls for different parts of the operation. As with any other surgical procedure, there are controversies about how to handle different parts of the operation. The goal of the book is not to debate the best method, but to provide a method to perform the complex operation in a minimally invasive way. Atlas of Minimally Invasive and Robotic Esophagectomy incorporates robot-assisted esophagectomy techniques and aims to benefit specialists and trainees that treat patients with esophageal cancer.

*Atlas of Laparoscopic and Robotic Urologic Surgery* Elsevier Health Sciences

Under the direction of New Consulting Editor, Dr. Kevin Loughlin, Guest Editors Drs. Jim C. Hu and Jonathan Shoag have put together a state-of-the-art monograph on robotics in urologic surgery. Not only do expert authors present current status and advances in this field, but they also look at what the future of robotic urologic surgery will mean for urologists and patients. Clinical review articles are devoted to the following topics: Robotic Ureteral Reconstruction; Robotic Prostatectomy: Technical Modifications that Improve Outcomes; Robotic Radical Cystectomy; Robotic Urology Training; Robotic Prostatectomy Quality Improvements; Robotic Lower Urinary Tract Reconstruction; Incorporating AI into GU Endoscopy; Competing Robotic Systems: A Preview; Robotic Intracorporeal Diversion; Robotic Reconstruction in Pediatric Urology; Robotic Partial Nephrectomy: Update on Techniques; Robotics in Male Infertility; Transperineal Biopsy; Robotic-Assisted Surgery for Upper-Tract TCC; and Retzius-Sparing Robotic Prostatectomy. Urologists will come away with the information they need to stay on top of advances in the area of robotic surgery.

**Operative Atlas of Laparoscopic Reconstructive Urology** Springer

The detailed illustrations in Hinman's Atlas of UroSurgical Anatomy, supplemented by radiologic and pathologic images, help you clearly visualize the complexities of the genitourinary tract and its surrounding anatomy so you can avoid complications and provide optimal patient outcomes. This medical reference book is an indispensable clinical tool for Residents and experienced urologic surgeons alike. Elsevier does not support access to Expert Consult for institutional customers.

*The SAGES Atlas of Robotic Surgery* Elsevier Health Sciences

*Robotic Head and Neck Surgery: An Anatomical and Surgical Atlas* is a splendidly illustrated anatomical guide on current and emerging procedures from David Goldenberg and Neerav Goyal. It fills a gap in available resources and offers surgical pearls from prominent head and neck surgeons who have pioneered and mastered robotic techniques. The atlas reflects expanding indications for head and neck robotics including midline glossectomy for obstructive sleep apnea, nasopharyngeal surgery, laryngectomy, transaxillary parathyroidectomy, facelift thyroidectomy, and robot-assisted neck dissection. Key features: Nine visually-rich chapters provide concise yet detailed procedural guidance including key landmarks, vascular and nervous structures, background, indications, surgical anatomy, step-by-step diagrams, and radiologic imaging; Exquisite anatomical illustrations by Tess Marhofer and stunning cadaveric dissections provide the ability to see detailed anatomy from the robot's perspective; Videos with cadaveric and live patient dissections provide additional endoscopic insights. -- Publisher.

*Atlas of Robotic, Conventional, and Single-Port Laparoscopy* Springer

In this book, *Robotic Prostatectomy for Prostate Cancer — Is It For You?*, board-certified Urologists Dr. Ketan Badani, MD and Dr. Philippa Cheetham, MD from Columbia University Medical Center, New York educate the patient and his family on prostate cancer and the role of robotic prostatectomy — the curative robotic surgery operation that allows the surgeon to remove the whole prostate gland using the state of the art DaVinci surgical robotic system. This groundbreaking first-of-its-kind, easy to read and well illustrated book, supported by real patient testimonials, gives the lay reader accurate and timely information.