
Operative Atlas of Laparoscopic and Robotic Reconstructive Urology

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Editors

Operative Atlas of Laparoscopic and Robotic Reconstructive Urology

Second Edition

 Springer

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*This book is fondly dedicated
to our teachers and trainees
who inspired us
and
our patients
for their immense faith.*

Foreword by Jacques Marescaux



The art of surgery has been profoundly reshaped over the last decades and has moved towards the creation of a precise paradigm. Computer science, robotics, and advanced imaging have spurred quantum leaps and have led to radically improved surgical outcomes. As key opinion leaders, Dr. Vipul Patel and Dr. Manickam Ramalingam have accomplished considerable work with this second edition of this *Operative Atlas of Laparoscopic and Robotic Reconstructive Urology*. This cutting-edge book provides state-of-the-art and evidence-based references as well as outstanding comprehensive descriptions supported by an extensive iconography. The authors are known to be at the forefront of the developments of minimally invasive robotic prostatectomies. Dr. Patel has personally performed 10,000 cases, which represent a major achievement, and his surgical expertise and authoritative excellence have given rise to the writing of this atlas. I would like to congratulate the authors who deserve praise for their outstanding work, and I hope that the same spirit of excellence inspires readers.

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Foreword by Ganesh Gopalakrishnan



An operative surgical atlas is usually a once-in-a-lifetime achievement.

Drs. Vipul Patel and Manickam Ramalingam have been consistently shattering this myth. They have come out with another more brilliant edition of laparoscopic and robotic reconstructive urology. The horizons of robotic surgery are being widened daily, and this edition has included these newer advances. There is a whole section on robotic renal transplantation.

The pictures and videos are of excellent quality and give the impression of watching the procedure live. This is a must have book in every teaching department of urology and should also don the bookshelves of aspiring and confirmed robotic surgeons so that they can continue to learn and innovate.

My congratulations to Drs. Vipul Patel and Manickam Ramalingam.

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Preface

“It is not the strongest of the species that survives, nor the most intelligent that survives. It is the one that is the most adaptable to change.” Charles Darwin

Since the first edition of our book in 2009, “a lot of water has flown under the bridge.” Eight years is an “era” in medical field. The pace of growth in medical field is phenomenal. Improvement in the surgical gadgets, techniques, and treatment modalities has become a day-to-day affair. Since the advent of surgical robots, robot-assisted laparoscopic surgeries have become the treatment of choice in urological procedures like radical prostatectomy.

One of the primary changes we have made in this edition is to include chapters on respective robot-assisted approaches for laparoscopic procedures. This makes this edition a comprehensive atlas on minimally invasive reconstructive surgery. Pervading use of laparoscopy by many urologists has expanded its indication. Thus, in the laparoscopic approach, chapters have been added on diverticulocystoplasty, gastrocystoplasty, buccal mucosal graft ureteroplasty, nipple valve reimplantation, intracorporeal ileal ureter, intra corporeal neobladder, and intra corporeal ileal conduit. Robot-assisted renal transplantation and radical cystectomy with intracorporeal ileal conduit and neobladder are some of the highlights in the chapters on robot-assisted approaches.

Almost all the operative images have been edited and newer HD images have been provided wherever feasible. This provides the readers a precise, high-resolution image and helps them to comprehend the operative anatomy better. Continuing the tradition of the previous edition, this book also gives importance and more space to the images than the written text. However, relevant text is provided wherever necessary, to understand the technique.

Eminent authors and surgeons in laparoscopic and robotic surgery have contributed the chapters for this book. We are ever grateful to them for having dedicated their precious time and effort for providing the operative images and text.

As quoted by Scott A. Reighard, “Tomorrow is another opportunity to improve yourself”; we hope we have improved our book from the previous edition to the present one, with the opportunity given to us by the Almighty.

Coimbatore, India
Celebration, Florida, USA

Manickam Ramalingam
Vipul R. Patel

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We are truly grateful to our colleagues M.G. Pai, Kallappan Senthil, Anandan Murugesan, and Hariharan Palayapalayam Ganapathi for their unstinted support and invaluable contribution.

I wish to thank the following authors for sharing their knowledge so generously and making this atlas possible by illustrating appropriately. Their sincere efforts are commendable. We editors are ever grateful to them.

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I am grateful to my technical team for their unstinted untiring effort in completing this endeavor:

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I whole heartedly thank Kallappan Senthil, Hariharan Palayapalayam Ganapathi, and Anandan Murugesan for their assistance in editing and patient proofreading.

This book would not have been possible without the continued encouragement of our family members.

Coimbatore, India
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Manickam Ramalingam
Vipul R. Patel

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