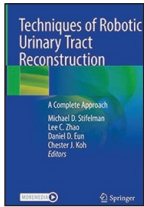

BOOK REVIEW

Techniques of Robotic Urinary Tract Reconstruction: A Complete Approach

Michael D. Stifelman, Lee C. Zhao, Daniel D. Eun, Chester J. Koh



ISBN: 9783030501952, 419 pages
Publisher: Springer Nature
Rating: ★★★★★ (four stars out of five)

Description

This book is designed as a comprehensive guide for adult and pediatric urologic reconstruction using the robotic approach. The book contains 31 chapters spanning 407 pages and references 36 instructional videos covering basic to complex robotic upper and lower urinary tract reconstruction.

Purpose

The editors seek to produce a comprehensive yet practical “how-to” text of basic and complex robotic urologic reconstruction. The book’s goal is to provide surgeons already familiar with the essentials of robotic surgery with a guide of techniques born from both literature data and the experience of high-volume centers/surgeons.

Audience

Urology trainees and practicing surgeons alike will find this book valuable and an essential addition to a surgical library. Even well-versed robotic surgeons will learn new techniques and will be sure to value the frequent literature citation and discussion of complication management.

Features

The editors have created a text covering the robotic management of both common pathology (e.g., ureteropelvic junction obstruction, ureteral stricture) and uncommon, unique, or salvage situations (e.g., bladder neck reconstruction, rectourethral fistula, renal autotransplant). This hardcover book is relatively compact (between the sizes of an “iPad” and “iPad Mini”) and contains 31 chapters in 10 sections. Sections are laid out in essentially a proximal to distal manner: ureteropelvic junction obstruction, proximal/mid ureteral stricture, distal ureteral stricture, bladder, urinary diversion, prostate, urethral pathology, and lastly urinary fistula. Chapters begin with a background on the topic and then proceed with preoperative evaluation (indications and work-up) followed by surgical technique and postoperative care. Surgical techniques are described thoroughly and include patient positioning, port configuration, instruments and sutures used, medical devices with model information, step-by-step walk-throughs of the procedures, and postoperative wound and drain care. The “da Vinci Xi” is referenced as the platform of choice. Complications are also described alongside outcomes data in many chapters. There are often excellent references to the literature in each chapter, which are laid out in table format. High-quality, colored pictures and cartoons are included frequently, nicely complementing the text. Five chapters focus on specific aspects of the pediatric population: “Pediatric Robotic Pyeloplasty”, “Proximal and Mid-Ureteral Reconstruction in the Pediatric Population”, “Distal Ureteral Injury and Repair in Children”, “Distal Ureteral Reconstruction in Children”, and “Pediatric Bladder Augmentation and Urinary Diversion”. These chapters are similarly rich and informative, containing high-quality pictures and cartoons.

Assessment

This is a comprehensive yet practical text for the modern robotic reconstructive surgeon. Adult and pediatric topics are covered with similar depth and quality. Trainees and seasoned surgeons will find it an essential addition to a surgical library. Surgeons using robotic platforms beside the “da Vinci Xi” will still find the book valuable.

Score

Weighted Numerical Score: 94 - ****

Reviewer: Victor Kucherov, MD

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