

Contents

Preface	vii
Contributors	xi

PART I: INTRODUCTORY TOPICS

1 Urologic Laparoscopic Anatomy	3
<i>Kevin M. Feber and Lane S. Palmer</i>	
2 Physiology of Pediatric Genitourinary Laparoscopy	23
<i>Yazan F. Rawashdeh, L. Henning Olsen, and Troels Munch Jørgensen</i>	
3 Robotic Equipment and Instrumentation	43
<i>Armine K. Smith and Jeffrey S. Palmer</i>	
4 Advantages of Robotic-Assisted Laparoscopy	59
<i>Walid A. Farhat and Pasquale Casale</i>	
5 Robotic Surgery: Considerations for the Future	69
<i>Sebastien Crouzet and Inderbir S. Gill</i>	

PART II: SURGICAL TECHNIQUES

6 Transperitoneal vs. Retroperitoneal Laparoscopic Approaches	91
<i>John C. Thomas</i>	
7 Techniques and “Tricks of the Trade” of Robotic-Assisted Laparoscopy	97
<i>Richard Schlusser</i>	
8 Robot-Assisted Laparoscopic Pyeloplasty	109
<i>Chad R. Tracy and Craig A. Peters</i>	
9 Robotically Assisted Laparoscopic Nephrectomy and Adrenalectomy	123
<i>Arun K. Srinivasan and Lane S. Palmer</i>	
10 Robotic-Assisted Laparoscopic Heminephrectomy	137
<i>Drew A. Freilich and Hiep T. Nguyen</i>	
11 Robotic-Assisted Laparoscopic Ureteral Reimplantation	173
<i>Pasquale Casale</i>	
12 Robotic-Assisted Laparoscopic Bladder Augmentation	181
<i>Raj K. Goel and Jihad H. Kaouk</i>	

13	Other Robotic-Assisted Laparoscopic Genitourinary Operations . . .	189
	<i>Neel P. Shah and Jeffrey A. Stock</i>	
14	Complications and Management of Pediatric Robotic-Assisted Laparoscopic Surgery: Prevention and Management	203
	<i>Ardavan Akhavan and Jeffrey A. Stock</i>	
	Subject Index	217



<http://www.springer.com/978-1-60327-421-0>

Pediatric Robotic Urology

Palmer, J.S. (Ed.)

2009, XII, 227 p., Hardcover

ISBN: 978-1-60327-421-0

A product of Humana Press