

# Contents

<b>1</b>	<b>The Development of Robotic Surgery: Evolution or Revolution?</b> . . . . .	<b>1</b>
	John H. Shepherd and Marielle Nobbenhuis	
<b>2</b>	<b>Training and Proctoring in Robotic Gynaecological Surgery</b> . . . . .	<b>5</b>
	René H.M. Verheijen	
<b>3</b>	<b>Anaesthesia for Robotic Gynaecological Surgery</b> . . . . .	<b>9</b>
	Sorana White, Shashank Agarwal, and Athula Ratnayake	
<b>4</b>	<b>Robotic Machine and Instruments</b> . . . . .	<b>13</b>
	Alaa El-Ghobashy and Damian Murphy	
<b>5</b>	<b>Patient Positioning and Trocar Placement for Robotic Procedures</b> . . . . .	<b>21</b>
	Megan Wasson	
<b>6</b>	<b>Single-Port Robotic Practice</b> . . . . .	<b>27</b>
	Mete Gungor, M. Murat Naki, Ozguc Takmaz, and M. Faruk Kose	
<b>7</b>	<b>Robotic Simple Hysterectomy</b> . . . . .	<b>35</b>
	M.A.E. Nobbenhuis	
<b>8</b>	<b>Robotic-Assisted Video Laparoscopic Management of Genital and Extragenital Endometriosis</b> . . . . .	<b>41</b>
	Camran Nezhat, Becca Falik, and Anjie Li	
<b>9</b>	<b>Role of Robotics in the Management of Infertility</b> . . . . .	<b>51</b>
	Sami Gokhan Kilic, Bekir Serdar Unlu, and Mertihan Kurdoglu	
<b>10</b>	<b>Robot-Assisted Laparoscopic Myomectomy (RALM)</b> . . . . .	<b>65</b>
	Sandra Madeuke Laveaux and Arnold P. Advincula	
<b>11</b>	<b>Robotic Management of Pelvic Organ Prolapse</b> . . . . .	<b>73</b>
	Johnny Yi	
<b>12</b>	<b>Sentinel Lymph Node Mapping for Uterine and Cervical Cancers</b> . . . . .	<b>83</b>
	Sarika Gupta, Sarfraz Ahmad, and Robert W. Holloway	
<b>13</b>	<b>Robotic Radical Hysterectomy for Early-Stage Cervical Cancer</b> . . . . .	<b>97</b>
	Alaa El-Ghobashy, San Soo Hoo, and Javier Magrina	
<b>14</b>	<b>Compartmental Theory in Uterine Cancer, Anatomical Considerations and Principles of Compartmental Cervical Cancer Surgery Step by Step</b> . . . .	<b>103</b>
	Rainer Kimmig	
<b>15</b>	<b>Peritoneal Mesometrial Resection (PMMR) with Therapeutic Lymphadenectomy (tLNE) in Endometrial Cancer</b> . . . . .	<b>117</b>
	Rainer Kimmig	

<b>16 Pelvic Lymphadenectomy</b> .....	127
Jordi Ponce, Marc Barahona, and M. Jesus Pla	
<b>17 Robotic Para-aortic Lymph Node Dissection</b> .....	131
Brooke A. Schlappe and Mario M. Leitao Jr	
<b>18 Extraperitoneal Para-aortic Lymphadenectomy by Robot-Assisted Laparoscopy (S, SI, and XI Systems)</b> .....	141
Fabrice Narducci, Lucie Bresson, Delphine Hudry, and Eric Leblanc	
<b>19 Robotic Debulking Surgery in Advanced Ovarian Cancer</b> .....	153
Javier F. Magrina, Vanna Zanagnolo, Paul M. Magtibay III, and Paul M. Magtibay	
<b>20 Robotic Urological Procedures in Gynaecology</b> .....	163
Anna E. Wright, Sarvpreet Ubee, Kanagasabai Sahadevan, and Peter W. Cooke	
<b>21 Robotic Gastrointestinal (GI) Procedures in Gynecology</b> .....	177
John T. Kidwell and Nitin Mishra	
<b>22 Robotic-Assisted Total Pelvic Exenteration</b> .....	185
Peter C. Lim and Elizabeth Y. Kang	
<b>23 Robot-Assisted Laparoscopic Fertility-Sparing Radical Trachelectomy</b> .....	195
Jan Persson and Celine Lönnerfors	
<b>24 Research and Evidence-Based Robotic Practice</b> .....	203
Rasiah Bharathan and Esther Moss	
<b>25 Complications of Robotic Surgery: Prevention and Management</b> .....	211
Celine Lönnerfors and Jan Persson	
<b>26 The Surgical Assistant in Robotic-Assisted Laparoscopy</b> .....	235
Nita A. Desai, Ashley L. Gubbels, and Michael Hibner	
<b>27 Tips and Tricks for Robotic Surgery</b> .....	239
O.E. O'Sullivan, B.A. O'Reilly, and M. Hewitt	
<b>Index</b> .....	249