

Contents

<i>Contributors</i>	v
<i>Foreword by Padmashri Dr Alka Kriplani</i>	vii
<i>Preface</i>	ix

Part 1: Basics: Understanding the Robot and Its Working

1. Evolution of Robotics in Gynecological Surgeries	3
<i>Salvatore Giovanni Vitale, Liliana Mereu, Stefania Saponara</i>	
2. Robotic da Vinci System: Machine and Instruments	17
<i>Anupama Bahadur, Richa Sharma</i>	
3. Energy Sources in Robotics	27
<i>Anuradha Panda, M Keerthi Reddy</i>	
4. Robotic OT Setup and Ergonomics	33
<i>Anuradha Panda, Deepika HK</i>	
5. Training and Learning Curve in Robotic Surgery	45
<i>Rooma Sinha, Rupa Bana</i>	
6. Role of First Assistant in Robotic Surgery	49
<i>Mariam Anjum Ifthikar, Neha Kamath</i>	

Part 2: Robotic Benign Surgery

7. Robotic Hysterectomy for Benign Conditions	57
<i>Rooma Sinha, Rupa Bana</i>	
8. Robot-Assisted Laparoscopic Myomectomy (RALM)	70
<i>Anupama Bahadur, Rajlaxmi Mundhra</i>	
9. Robotic Surgery for Endometriosis	78
<i>Abhishek Mangeshikar</i>	
10. Robot-Assisted Pelvic Organ Prolapse Repair	94
<i>Dinesh Kansal, Supriya Mahipal, Yamini Kansal</i>	
11. Robotics in Infertility Management	101
<i>Mala Srivastava, Neema Tufchi, Ankita Srivastava</i>	
12. Robotics in Adnexal Surgery	108
<i>Mala Srivastava, Neema Tufchi, Ankita Srivastava</i>	
13. Robotic Management of Urinary Fistulas	114
<i>Amita Jain</i>	

Part 3: Robotic Management in Malignancy

- | | | |
|-----|--|-----|
| 14. | Robotic Assisted Pelvic and Para-aortic Lymph Node Dissection | 125 |
| | <i>Rohit Raghunath Ranade, Shree Bharati</i> | |
| 15. | Robot-Assisted Surgery in Cervical Cancer | 143 |
| | <i>Rohit Raghunath Ranade, Abhirami Giri Ramani</i> | |
| 16. | Robotic Surgery for Endometrial Cancer | 157 |
| | <i>Yogesh Kulkarni, Deepali Raina</i> | |
| 17. | Robotic Surgery in Ovarian Cancer | 168 |
| | <i>Yogesh Kulkarni, Deepali Raina</i> | |

Part 4: Miscellaneous

- | | | |
|-----|--|-----|
| 18. | Anesthesia in Robotic Gynecological Surgery | 177 |
| | <i>Sanath Reddy, Santhosh Kumari</i> | |
| 19. | Minimal Invasive vs Robotics: Evidence-based Practices in Gynecology | 198 |
| | <i>Bijoy Nayak, Dhiranjali, Richa Sharma</i> | |
| 20. | Complications in Robotic Surgery: Prevention and Management Strategy | 202 |
| | <i>Abhishek Chandna, Gourab Misra, Lyndon Gommersall, Girdhar Singh Bora</i> | |
| 21. | Robotic Management of Complex Vesico-vaginal Fistula | 212 |
| | <i>Abhishek Chandna, Lyndon Gommersall, Giridhar Singh Bora</i> | |
| | <i>Index</i> | 221 |