

Contents

SECTION 1: ROBOT AND SURGERY

1. **Robotic Surgery: Past, Present and Future** 3
Naresh Trehan
2. **Ergonomics** 6
Megha, Aditi
3. **Immunofluorescence and Robotic Surgery** 10
Vivek Bindal, Anand Kumar Yadav
4. **Anesthesia** 17
Sangeeta Khanna, Jyotirmoy Das, Yatin Mehta

SECTION 2: GENERAL SURGERY

5. **Bariatric Surgery: Sleeve Operation** 27
Parveen Bhatia, Vivek Bindal, Anand Kumar Yadav
6. **Robot-assisted Roux-en-Y Gastric Bypass** 33
Parveen Bhatia, Vivek Bindal, Anand Kumar Yadav
7. **Benign Bowel Conditions** 40
Deepak Govil
8. **Carcinoma Rectum** 47
Somashekhhar SP
9. **Biliary Tumors** 55
Vivek Bindal, Anand Kumar Yadav

SECTION 3: THORACIC AND VASCULAR SURGERY

10. **Thymus** 63
Arvind Kumar, Belal Bin Asaf
11. **Lung Resection** 68
Belal Bin Asaf, Arvind Kumar

12. Esophagectomy 72
Arvind Kumar, Belal Bin Asaf
13. Vascular Surgery 76
Arvind Kumar, Belal Bin Asaf

SECTION 4: GYNECOLOGY

14. Myomectomy 81
Rooma Sinha, Madhumati S, B Rupa
15. Controversies in Myomectomy 88
Kirana Dash, SB Khanna
16. Robotics in Benign Gynaecology 92
Mala Srivastava, Ankita Srivastava
17. Sentinal Lymph Node Mapping in Gynecological Cancer 101
Anupama Rajanbabu
18. Robotic Staging Surgery for Endometrial Cancer 105
Anupama Rajanbabu
19. Endometrial Cancer 111
Sabhyata Gupta, Shraddha Chaudhari
20. Ovarian Cystectomy 117
Neelam Suri

SECTION 5: UROGYNECOLOGY

21. Vesicovaginal Fistula Repair 127
Nitesh Jain, K Ramesh

SECTION 6: PEDIATRIC UROLOGY

22. Pediatric Urology: The First Hundred Cases 133
DK Kandpal, SK Chowdhary

SECTION 7: ADULT UROLOGY

- | | |
|---|-----|
| 23. Radical Prostatectomy | 141 |
| Hariharan Palayapalayam Ganapathi, Kenneth J Palmer,
Gabriel Ogaya-pines, Travis Rogers, Vipul R Patel | |
| 24. Role of Pelvic Lymphadenectomy in
Robot-assisted Radical Prostatectomy | 147 |
| Varun Mittal, NP Gupta | |
| 25. Robot-assisted Radical Cystoprostatectomy | 156 |
| Sudhir Rawal | |
| 26. Partial Nephrectomy | 161 |
| Ajit Saxena | |
| 27. Donor Nephrectomy | 168 |
| Vinay Mahindra, Jaydip Bhadra Roy, Tridibes Mondal | |
| 28. Adrenalectomy | 171 |
| Sohrab Arora, Gagan Gautam | |
| 29. Urolithiasis: Expanding the Horizons of Robotic Surgery | 179 |
| Siddharth Yadav, Prabhjot Singh, Prem Nath Dogra | |
| 30. Pyeloplasty | 189 |
| Manu Gupta | |
| 31. Ureteric Reimplantation | 194 |
| Vipin Tyagi | |