

Contents

Contributors

v

Preface

vii

Section 1: Basics of Fibroids

1. History and Introduction to Uterine Fibroids 3
Shraddha Daksha
2. Aetiology of Uterine Leiomyoma 7
Shraddha Daksha
3. Pathophysiology of Fibroids 17
Vijaya V Mysorekar
4. Genetics of Fibroids 29
Reshu Saraogi
5. Classification of Fibroids 33
Jnaneswari TL

Section 2: Investigations and Diagnosis

6. Clinical Features of Fibroids 41
Geeta Uttur
7. Imaging of Uterine Fibroids 46
Ramachandra C, Raghunath Rao
8. Differential Diagnosis of Fibroid Uterus 68
MK Pathanjali Prasanna
9. Complications of Fibroid Uterus 79
Satwik B Metgud

Section 3: Management of Fibroids

10. Medical Management of Fibroids 87
K Jayakrishnan, Niranjana Jayakrishnan
11. Surgical Management of Fibroids 95
Chandana Anantha Rama Reddy
12. Laparoscopic Myomectomy Techniques: Incision, Enucleation, Suturing and Morcellation 98
Vivek Salunke

13. Hysteroscopic Myomectomy Techniques 113
Vidya V Bhat
14. Laparoendoscopic Single Site Myomectomy 120
Madhuri Vidyashankar
15. Total Laparoscopic Hysterectomy (TLH) in Fibroid Uterus 128
Sanjay Patel
16. Management of Cervical Fibroid 138
Shanthala Thuppanna
17. Measures to Reduce Adhesions Post Myomectomy 144
Manjula Anagani
18. Measures to Reduce Blood Loss During Myomectomy 154
Meenakshi Sundaram, Anusha Raaj, Shruthi Nanjundappan
19. Complications of Laparoscopic Myomectomy 163
Aswath Kumar R, Lola Ramachandran
20. Open Myomectomy 171
L Fahmida Banu
21. Embolisation for Uterine Fibroids 182
Indusekhar Subbanna, Rajesh V Helavar
22. Magnetic Resonance-guided High Intensity Focused Ultrasound 185
Sudhir Kale
23. Laparoscopic Uterine Artery Occlusion in Myomectomy 200
Alphy S Puthiyidom

Section 4: Fibroids in Fertility and Pregnancy

24. Fibroids and Pregnancy Outcome 211
Sandip Datta Roy, Shyus Puliyathinkal

25. Fibroid and Infertility <i>Nirmala Sadasivam, Haritha Desai</i>	221	Section 6: Others	
26. Uterine Fibroids and Invitro Fertilisation Outcomes <i>Shwetha Pramodh</i>	229	30. Iatrogenic Fibroids <i>Chaithra TM</i>	259
Section 5: Controversies and Recent Advances		31. Rare Forms of Fibroids <i>Rachana Ghanti</i>	264
27. Controversies with Myoma Morcellation—an Update <i>Dipanwita Banerjee, Bhaskar Pai</i>	237	32. Leiomyosarcoma of the Uterus <i>Varsha Rangaraj</i>	271
28. Recent Advances in Management of Fibroids <i>Shwetha Pramodh</i>	243	33. Management of Huge Fibroid <i>Dipti Gunge</i>	276
29. Robotic-assisted Myomectomy <i>Sabhyata Gupta</i>	252	34. Perioperative Management of High-risk Patients Undergoing Major Laparoscopic Surgery <i>MK Pathanjali Prasanna, B Narayanan, VK Ramachandran</i>	285
		35. Vaginal Hysterectomy in Fibroids <i>Pooja Sharma Dimri</i>	292
		<i>Index</i>	299