

Contents

*List of Contributors* vi  
*Foreword by Ian Cooke* viii

|    |                                                                                                      |    |                                                                       |
|----|------------------------------------------------------------------------------------------------------|----|-----------------------------------------------------------------------|
| 1  | <b>Pathophysiology of Uterine Fibroids</b> 1                                                         | 11 | <b>Total Laparoscopic Hysterectomy for the Fibroid Uterus</b> 99      |
|    | Mohamed Otify and Hilary O. D. Critchley                                                             |    | Alpha K. Gebeh and Mostafa Metwally                                   |
| 2  | <b>Evaluation of Uterine Fibroids Using Two-Dimensional and Three-Dimensional Ultrasonography</b> 14 | 12 | <b>Hysteroscopic Resection of Submucosal Fibroids</b> 104             |
|    | Sotirios H. Saravelos                                                                                |    | Rudi Campo, Cristine Di Cesare and S. Gordts                          |
| 3  | <b>Ulipristal and Other Medical Interventions for Treatment of Uterine Fibroids</b> 22               | 13 | <b>Modern Management of Intramural Myomas</b> 126                     |
|    | Mohamed Ali, Zunir Tayyeb Chaudhry and Ayman Al-Hendy                                                |    | Dan Yu, Tin-Chiu Li and Enlan Xia                                     |
| 4  | <b>The Role of Magnetic Resonance Imaging in the Management of Fibroids</b> 28                       | 14 | <b>Outpatient Myomectomy</b> 135                                      |
|    | Lisa Shannon and Shahram Abdi                                                                        |    | Mary E. Connor                                                        |
| 5  | <b>Fibroids and Fertility</b> 33                                                                     | 15 | <b>Vaginal Hysterectomy with Fibroids</b> 149                         |
|    | Tülay Karasu and Mostafa Metwally                                                                    |    | Swati Jha                                                             |
| 6  | <b>Fibroids and Reproduction</b> 37                                                                  | 16 | <b>Leiomyosarcoma: Implications for the Treatment of Fibroids</b> 155 |
|    | Elizabeth A. Pritts                                                                                  |    | Elizabeth A. Pritts                                                   |
| 7  | <b>Open Myomectomy</b> 55                                                                            | 17 | <b>MRI-Guided Ultrasound Lysis of Fibroids</b> 165                    |
|    | Tin-Chiu Li and Jacqueline P. W. Chung                                                               |    | Jessica Gelman and Charles E. Miller                                  |
| 8  | <b>Laparoscopic and Robotic Myomectomy: Practical Tips</b> 65                                        | 18 | <b>Embolization for the Management of Uterine Fibroids</b> 173        |
|    | Ahmed M. El-Minawi                                                                                   |    | John Mark Regi, Krit Dwivedi and Trevor J. Cleveland                  |
| 9  | <b>Principles and Technique of Laparoscopic Myomectomy</b> 78                                        | 19 | <b>Uterine Fibroids in Postmenopausal Women</b> 184                   |
|    | Ephia Yasmin and Ertan Saridogan                                                                     |    | Mohamed Ali, Zunir Tayyeb Chaudhry and Ayman Al-Hendy                 |
| 10 | <b>Uterine Fibroids: The Morcellation Debate</b> 90                                                  |    |                                                                       |
|    | Jimena B. Alvarez and Charles E. Miller                                                              |    |                                                                       |
|    |                                                                                                      |    | <i>Appendix: Video Captions</i> 190                                   |
|    |                                                                                                      |    | <i>Index</i> 191                                                      |