

Contents

1. Basic Principles of Phacoemulsification and Fluid Dynamics	1
<i>Uday Devgan, Sourabh Patwardhan</i>	
2. Power Modulations	14
<i>Uday Devgan, Sourabh Patwardhan</i>	
3. Astigmatism Correction in Relation to Cataract Surgery	24
<i>Haripriya Aravind, Anand Dev</i>	
4. Cataract Surgery in Dry Eye Patients	29
<i>Jagat Ram, Sunil Kumar, Reema Bansal</i>	
5. Cataract Surgery in Eyes with Corneal Disorders	34
<i>M Vanathi, Sujith Vengayil, Sanjay Kai</i>	
6. Intraoperative Floppy-iris Syndrome	41
<i>Sudha K Ganesh, Prema Padmanabhan</i>	
7. Phacoemulsification in White Cataracts	46
<i>Haripriya Aravind, Chandrakant Reddy</i>	
8. Management of Brown Cataract	50
<i>Haripriya Aravind, Sumit Rastogi, Shivakumar Chandrasekaran</i>	
9. Phacoemulsification in Soft Cataract	53
<i>Rajesh Sinha, Rasik B Vajpayee</i>	
10. Phacoemulsification in Subluxated Cataracts	59
<i>Haripriya Aravind, Sharad Kumar, Syeda Sumera</i>	
11. Phacoemulsification in Eyes with Pseudoexfoliation	69
<i>Haripriya Aravind, Anand Dev, Kavitha Vadi</i>	
12. Phacoemulsification in Posterior Polar Cataracts	72
<i>Tanuj Dada, Anand Aggarwal, Sourabh Patwardhan, Sujith Vengayil</i>	
13. Phacoemulsification in Eyes with Lens Anomalies	80
<i>Reema Bansal, Jagat Ram</i>	
14. Refractive Cataract Surgery	86
<i>Vishal Jhanji, Sujith Vengayil, Rasik B Vajpayee</i>	
15. Phacoemulsification in High Myopia	95
<i>Ritu Gadia, Subrata Mandal, Soman Nair, Tanuj Dada</i>	
16. Phacoemulsification in Hyperopia	100
<i>Soman Nair, Sujith Vengayil, Shibal Bhartiya</i>	
17. Cataract Surgery in Patients with Vitreoretinal Diseases	106
<i>Jagat Ram, Pranab Das, Jaspreet Sukhija</i>	

18. Cataract Surgery in Patients with Uveitis	113
<i>Gagandeep Singh Brar, Jagat Ram</i>	
19. Cataract Surgery in Diabetes	122
<i>Jagat Ram, Jaspreet Sukhija, Pranab Das</i>	
20. Traumatic Cataract	130
<i>Prema Padmanabhan</i>	
21. Management of Cataract in Aniridia	137
<i>Tarun Sharma, Atul Bansal, A Jayaprakasam, Tanuj Dada</i>	
22. Cataract Surgery in Colobomatous Eyes	145
<i>Ruth Lapid-Gortzak, Erez Tsumi, Orly Weinstein-Boteach, Tova Lifshitz</i>	
23. Cataract Surgery in Nanophthalmos	148
<i>Ruth Lapid-Gortzak, Erez Tsumi, Orly Weinstein-Boteach, Tova Lifshitz</i>	
24. Phacoemulsification: HIV/HBV Infected Patients	153
<i>Amala George, Prema Padmanabhan</i>	
25. Combined Cataract and Ahmed Glaucoma Valve Surgery	159
<i>Manotosh Ray, Lennard Thean See Yin</i>	
26. Phacoemulsification in Angle-closure Glaucoma	168
<i>Jovina See</i>	
27. Management of Cataract in a Buphthalmic Eye	177
<i>Atul Bansal, Tarun Sharma, Rosemary Robinson</i>	
28. Phacoemulsification Combined with Phacotrabeculectomy	188
<i>Tanuj Dada, Harinder S Sethi, Anand Aggarwal, Vivek Dave</i>	
29. Bimanual Microincision Cataract Surgery Combined with Trabeculectomy	205
<i>Anand Aggarwal, Vivek Dave, Tanuj Dada</i>	
30. Phacoemulsification in Phacomorphic Glaucoma	213
<i>Tanuj Dada, Ritu Gadia, Abigail Lyngdoh, Anand Aggarwal</i>	
31. Phacoemulsification after Glaucoma Filtering Surgery	221
<i>Tanuj Dada, Ritu Gadia, Anand Aggarwal, Shalini Mohan</i>	
32. Planned Posterior Assisted Levitation (P-PAL)	228
<i>Ruth Lapid-Gortzak, Erez Tsumi, Orly Weinstein-Boteach, Tova Lifshitz</i>	
33. Pre-existing Posterior Capsular Defect	232
<i>Ruth Lapid-Gortzak, Orly Weinstein-Boteach, Erez Tsumi, Tova Lifshitz</i>	
34. Piggyback IOLs Implantations	237
<i>Kamal B Kapur</i>	
35. Management of Posterior Capsular Rupture	244
<i>Vivek Dave, Harinder S Sethi, Anand Aggarwal, Sharad Kumar, Haripriya Aravind</i>	
36. Postoperative Endophthalmitis	253
<i>Subrata Mandal, Shibal Bhartiya, Pradeep Venkatesh, Satpal Garg</i>	
<i>Index</i>	267