# Contents

**Video Contents** ix  
**Foreword** xi  
**From Author’s Desk** xiii  
**About the Author** xv  
**Contributors** xvii  

1. Mucormycosis in Pre-COVID-19 Era  
   Sampath Chandra Prasad Rao, Ananth Chintapalli, and Sunena Saju  
   1  

2. COVID-19 and Its Aftermath—Mucormycosis  
   Sampath Chandra Prasad Rao and Ananth Chintapalli  
   7  

3A. Imaging Spectrum of COVID-19-Associated Rhino-Orbito-Cerebral Mucormycosis  
   Pallavi Rao, Sampath Chandra Prasad Rao, and Ganga Kamath Kudva  
   13  

3B. Diagnostic Utility of Multidetector Computed Tomography Scan versus Cone Beam Computed Tomography Scan in Rhino-Orbito-Cerebral Mucormycosis  
   S. K. Priyadarshini and P. Subramanian  
   29  

4. Clinical Symptoms and Signs of Mucormycosis  
   Narayanan Janakiram, Sathyanarayanan Janakiram, Ashritha M.C.V., Lekshmy R. Kurup, and Harshita Singh  
   39  

5. Pathology of Rhino-Orbito-Cerebral Mucormycosis  
   Rath P.K. and Lekshmy R. Kurup  
   53  

6. Orbitotomy and Other Orbital Interventions in Rhino-Orbito-Cerebral Mucormycosis  
   Raghuraj Hegde and Akshay Gopinathan Nair  
   61  

7. Orbital Exenteration in Rhino-Orbito-Cerebral Mucormycosis  
   Renuka Bradoo  
   79  

8. Dental Perspectives in COVID-19-Associated Mucormycosis  
   P. Subramanian, Ashritha M.C.V., and Lekshmy R. Kurup  
   85  

9. Anesthetic Challenges in Post-COVID-19 Mucormycosis  
   Muralidhar Thodebhati, Gangam Kamath Kudva, Sampath Chandra Prasad Rao, Balamurugan Chinnasamy, and Chinta Sangeetha Mahalekshmi  
   95  

10. Surgical Staging System of Rhino-Orbito-Cerebral Mucormycosis in the Endoscopic Era  
    Narayanan Janakiram, Shilpee Bhatia Sharma, and Lekshmy R. Kurup  
    101  

11. Surgical Techniques Involved in Stage-Wise Management of Rhino-Orbito-Cerebral Mucormycosis  
    Narayanan Janakiram, Shilpee Bhatia Sharma, Lekshmy R. Kurup, and Harshita Singh  
    121  

12. Postoperative Follow-Up and Management of Complications  
    Narayanan Janakiram, Shilpee Bhatia Sharma, Harshita Singh, and Lekshmy R. Kurup  
    259  

13. Postoperative Medical Therapy  
    Neha Mishra and Sampath Chandra Prasad Rao  
    285  

14. Exploring the Future  
    Sampath Chandra Prasad Rao and Ananth Chintapalli  
    293  

**Index** 301