Contents

1. **COVID-19: History, Epidemiology, and Etiology 1**
   Anjeleena Kumar Gupta, Chand Sahai
2. **Clinical Manifestation and Diagnostic Tools..... 16**
   Savitar Malhotra, Akhil Kumar
3. **Management Guidelines..... 28**
   Nitin Sethi, Mahindra Singh Baansal
4. **Occupational Safety and Health..... 40**
   Md Ishtiyaque Hussain, Anjali Gera, Sapna Singla
5. **Evidence-based Pharmacotherapy 53**
   Manish Gupta, Vineet Dhawan
6. **Maintenance of Oxygenation in COVID-19..... 66**
   Archna Koul, Mithilesh Kumar, Megha Agrawal
7. **Critical Care Management of COVID-19..... 81**
   Akash Jain, Anirban Roy, Shashank Pandey
8. **The Ethical Imperatives of COVID-19 Pandemic..... 94**
   Amitabh Dutta, Prabhat Kumar Choudhary
9. **Interprofessional Team Strategy 114**
   Shvet Mahajan, Abhinav Guliani, Atul Gogia
10. **Anesthetic Issues in COVID-19..... 119**
    Anil Kumar Jain, Manish Kohli, Sumit Kalra
11. **Pain and Palliative Management during the COVID-19 Pandemic..... 129**
    Mithilesh Kumar, Bimla Sharma
12. **Pediatric Concerns in COVID-19 Disease..... 142**
    Manish Gupta, Mithilesh Kumar, Prashant Aggarwal
13. **Psychological Impact on Society and Healthcare Workers..... 157**
    Bhuwan Chand Panday, Ashwin Marwaha
14. **Psychological Support in COVID-19 Patients 165**
    Abhjit Singh Pahwa, Deepanjali Pant

15. Nutritional Support in COVID-19 Patients 174
Alok Kumar, Bimla Sharma

16. Post-COVID Sequelae 182
Pradeep Jain, Geeta Setia

17. COVID Vaccination 194
Bhuwan Chand Panday, Prashant Aggarwal

18. Strategies to Follow with Overburdened Healthcare System ... 203
Sudeep Goyal, Naresh Dua

19. Interesting Cases 212
Shikha Sharma, Jasmine Kumar, Megha Agrawal, Rajshree Sharma

20. Omicron Variant of COVID-19 Virus 219
Jayashree Sood, Mithilesh Kumar

21. Our Experiences 226
Naresh Dua, Mahima Singh, Ajay Sirohi

22. Preparing for the Future Challenges 234
Shikha Sharma, Jayashree Sood

Index 241