Contents

1. **How to Examine an ICU Patient in the Examination?** 1
   Rahul Anil Pandit, Atul Prabhakar Kulkarni
2. **Community-acquired Pneumonia** 6
   Ruchira Wasudeo Khasne, Atul Prabhakar Kulkarni
3. **Liberation from Mechanical Ventilation, Ventilator-associated Pneumonia, and ICU-acquired Weakness** 25
   Jacob George Pulinilkunnathil, Vijaya Patil
4. **Acute Exacerbation of Chronic Obstructive Pulmonary Disease** 41
   Gautam Gondal, Jacob George Pulinilkunnathil, Kapil Gangadhar Zirpe, Atul Prabhakar Kulkarni
5. **Acute Severe Asthma** 60
   Babu K Abraham, Meghena Mathew
6. **Pulmonary Embolism** 70
   Jacob George Pulinilkunnathil, Shilpushp Jagannath Bhosale, Atul Prabhakar Kulkarni
7. **Acute Respiratory Distress Syndrome** 86
   Jigeeshu Vashisth Divatia, Kushal Rajeev Kalvit
8. **Approach to Tropical Infections in the ICU** 109
   Ashit Hegde
9. **Sepsis and Septic Shock** 117
   Divya Pal, Deepak Govil
10. **Acute Coronary Syndrome** 141
    Kushal Rajeev Kalvit, Akshaya Ramaswami, Atul Prabhakar Kulkarni
11. **Eclampsia and Cerebral Venous Thrombosis** 146
    Dilip R Karnad
12. **Subarachnoid Hemorrhage** 156
    Suresh Ramasubban, Rupak Banerjee
13. **Acute Ischemic Stroke** 174
    Keyur Shah, Kapil Gangadhar Zirpe, Atul Prabhakar Kulkarni
14. **Spontaneous Intracerebral Hemorrhage** 189
    Keyur Shah, Atul Prabhakar Kulkarni
15. **Meningoencephalitis and Status Epilepticus** 197
    Kushal Rajeev Kalvit, Atul Prabhakar Kulkarni
16. **Traumatic Brain Injury** 204
    Rakesh Mohanty, Amit Madhukar Narkhede, Kapil Sharad Borawake, Kapil Gangadhar Zirpe
17. **Polytrauma** 215
    Jacob George Pulinilkunnathil, Balkrishna D Nimavat, Pradnya Atul Kulkarni, Atul Prabhakar Kulkarni, Kapil Gangadhar Zirpe
18. **Snake and Scorpion Bites** 234
    Niteen D Karnik, Priyanshu D Shah

19. Infective Endocarditis **243**
Sachin Gupta, Deeksha Singh Tomar

20. Acute Aortic Emergencies **252**
Khalid Ismail Khatib

21. Hyponatremia **255**
Harish Mallapura Maheshwarappa, Richa Narang

22. Guillain–Barré Syndrome **271**
Jitendra Choudhary, Rahul Anil Pandit

23. Approach to a Patient with Unknown Poisoning **277**
Bindu M, Rahul Anil Pandit

24. Organophosphorus Poisoning **282**
JV Peter, Binila Chacko

25. Acute Kidney Injury **289**
Srinivas Samavedam

26. Upper Gastrointestinal Bleeding **293**
Lalita Gouri Mitra, Jagdeep Sharma, Atul Prabhakar Kulkarni

27. Oncologic Emergencies **307**
Suhail Sarwar Siddiqui, Syed Nabeel Muzaffar, Atul Prabhakar Kulkarni

28. Acute Heart Failure and Cardiogenic Shock **330**
Kushal Rajeev Kalvit, Atul Prabhakar Kulkarni

29. Severe Acute Pancreatitis **334**
Subhal Bhalchandra Dixit, Khalid Ismail Khatib

30. Acute Liver Failure **339**
Dinesh Ekambaram, Raymond Dominic Savio

31. Diabetic Ketoacidosis **354**
Natesh Prabu R, Carol Shayne D Silva, Atul Prabhakar Kulkarni

32. Out-of-Hospital Cardiac Arrest, Brain Death, and Organ Donation **367**
Anand M Tiwari, Kapil Gangadhar Zirpe

33. End-of-life Care in Intensive Care Unit **374**
Sheila Nainan Myatra, Suhail Sarwar Siddiqui, Naveen Salins

34. Tips and Tricks for the Table Viva Voce **380**
Khalid Ismail Khatib, Subhal Bhalchandra Dixit, Rahul Anil Pandit, Atul Prabhakar Kulkarni

Index *383*