Contents

Section 1 Cardiological Emergencies

Section Editor: *Anjan Lal Dutta*

1. **Cardiac Arrest and Cardiopulmonary Resuscitation** 3
   Pradeep Singh
2. **Approach to Syncope** 17
   Kallol K Dey
3. **Acute Coronary Syndrome: ST-elevation Myocardial Infarction** 29
   Sunil Lhila
4. **Acute Heart Failure** 34
   Vernon VS Bonarjee
5. **Cardiac Tamponade: Diagnosis and Management** 40
   Shilanjan Roy, Srina Ray, Saumitra Ray

Section 2 Respiratory Emergencies

Section Editor: *Ajoy Krishna Sarkar*

6. **Emergency Airway Management** 49
   Namrata Biswas
7. **Respiratory Failure** 57
   Tamoghna Banerjee
8. **Respiratory Emergencies** 61
   Ajoy Krishna Sarkar, Abhraneel P Guha, Sanjukta Dey, Pratik Biswas
9. **Massive Hemoptysis** 70
   Rishika Pal, Bhaswati Dasgupta Nath
10. **Acute Pulmonary Embolism** 77
    Avijit Das
11. **Acute Exacerbation of Asthma** 85
    Sanjukta Dey

Section 3 Neurological Emergencies

Section Editor: *Goutam Gangopadhyay*

12. **Approach to an Unconscious Patient** 95
    Chintha Venkata Sriram, Goutam Gangopadhyay
13. **Status Epilepticus** 104
    Haseeb Hassan

14. **Stroke** 111
Shankha Shubhra Chaudhuri

15. **Acute Meningitis** 118
Jasodhara Chaudhuri

16. **Acute Encephalitis** 123
Arka Prava Chakraborty, Souvik Dubey

17. **Acute Migraine** 129
Adreesh Mukherjee

Section 4 Gastrointestinal Emergencies

***Section Editor:** Jayanta Mukherjee*

18. **Acute Abdomen: Approach** 137
Jayanta Mukherjee

19. **Acute Gastrointestinal Hemorrhage: Approach** 142
Jayanta Mukherjee

20. **Acute Pancreatitis: Approach** 146
Jayanta Mukherjee

21. **Acute Hepatic Failure** 150
Vikas Prakash

Section 5 Nephrological Emergencies

***Section Editor:** Pratim Sengupta*

22. **Acute Renal Failure** 157
Pratim Sengupta, VK Mohun, Sumanta Biswas

23. **Drugs and Kidney** 168
Pratim Sengupta, VK Mohun, Sumanta Biswas

Section 6 Metabolic Emergencies

***Section Editor:** Ghanshyam Goyal*

24. **Metabolic Emergencies (Electrolyte): Hyponatremia, Hypernatremia, Hypokalemia, and Hyperkalemia** 177
Pankaj Singhania, Piyas Gargari, Sujoy Ghosh

25. **Metabolic-hyperglycemic Emergencies** 187
Sanjay K Shah, Vivek Shah

26. **Endocrinal (Hypoglycemia)** 193
Ghanshyam Goyal, Usashi Biswas Bose, Rekha Basak Srivastava

Section 7 Gynecological Emergencies

***Section Editor:** Aruna Tantia*

27. **Gynecological Emergencies** 203
Aruna Tantia, Sunipa Chatterjee, Ushasi Mukherjee

Section 8 Trauma

Section Editor: *Subhasish Deb*

28. Road Traffic Accidents **215**
Subhasish Deb

29. Household Trauma **218**
Subhasish Deb

Section 9 Psychiatric Emergencies

Section Editor: *Sanjay Garg*

30. Violence in Mental Health **223**
Sanjay Garg

Section 10 Ophthalmological Emergencies

Section Editor: *Jitendra Shah*

31. Ophthalmic Emergencies **231**
Jitendra Shah

Section 11 ENT Emergencies

Section Editor: *Ramanuj Sinha*

32. Emergencies in ENT **237**
Ramanuj Sinha, Titas Kar, Tanya Panja, Preethi Rubinath

32.1 Foreign Bodies in ENT: A Nightmare for Patients and Doctors Alike! **237**
Ramanuj Sinha, Titas Kar

32.2 Tracheostomy **240**
Ramanuj Sinha, Tanya Panja

32.3 Otalgia **242**
Ramanuj Sinha, Preethi Rubinath

Section 12 Pediatric Emergencies

Section Editor: *Arun Kumar Manglik*

33. Pediatric Emergencies **247**
Arun Kumar Manglik, Gautam Ghosh, Mihir Sirkar, Nitin Manglik

Section 13 Rheumatological Emergencies

Section Editor: *Sukumar Mukherjee*

34. Emergencies in Rheumatological Practice **257**
Parthajit Das, Sukumar Mukherjee

Section 14 Miscellaneous Emergencies-1

Section Editor: *ML Saha*

35. Burns **267**
Kamal Singh Chhajer

36. Postoperative Emergencies **276**
Prakash K Sasmal, Pankaj Kumar

Section 15 Miscellaneous Emergencies-2

Section Editor: *Dipashri Bhattacharya*

37. Code Blue and Crash Cart **289**
Namrata Biswas

38. Anesthetic Emergencies **292**
Dipasri Bhattacharya

Section 16 Miscellaneous Emergencies-3

Section Editor: *Om Tantia*

39. Unknown Poisoning **305**
Nandini Chatterjee

40. Snakebite: Initial Management, Myths, and Reality **309**
Dayal Bandhu Majumdar

41. Anaphylaxis **316**
Shambo Samrat Samajdar, Sougata Sarkar, Saibal Moitra, Santanu K Tripathi

42. Emergencies in Medical Practice: Common Drugs **322**
Lopamudra Chowdhury

43. Emergency Management of Drowning **328**
Sarbajit Ray

Index *333*