

Contents

PART 1 BASICS

- 1. Essentials of Pediatric Emergency Services 1**
Puneet A Pooni, Sujata Bhatti
- 2. Approach to a Child with Medical Emergency..... 27**
Puneet A Pooni
- 3. Cardiopulmonary Resuscitation 46**
Puneet A Pooni, Sujata Bhatti

PART 2 INFECTIOUS DISEASES

- 4. Severe Dengue Infection..... 63**
Aniket Anil Parashar, VSV Prasad
- 5. Septic Shock 83**
Anuradha Bansal, Harmesh Singh Bains

PART 3 CARDIOVASCULAR SYSTEM

- 6. Acute Severe Hypertension 93**
Smita Mishra, Sandeep Aggarwal
- 7. Pediatric Arrhythmias..... 106**
Smita Mishra, Yash Shrivastava
- 8. Pediatric Pulmonary Hypertension 146**
*Jawahar Shaik, Bhagyaraj Koppu, Anjul Dayal, Srikanth Kona,
Avash Pani, Satyanarayana Bhamidipati*
- 9. Extracorporeal Membrane Oxygenation
in Cardiac Dysfunction 162**
Anjul Dayal, Avash Pani, Srikanth Kona, Satyanarayana Bhamidipati

PART 4 ENDOCRINOLOGY

- 10. Diabetic Ketoacidosis 172**
Hemchand K Prasad, Anand Kumar

PART 5 ENVIRONMENTAL ILLNESSES

- 11. Pediatric Heat-related Illness: Recommendations for Prevention and Management 185**
Nitin Chawla, VSV Prasad

PART 6 POISONING

- 12. Acute Poisoning: Approach..... 204**
Harmesh Singh Bains
- 13. Snakebite and Envenomation..... 215**
Vamsidhar Kedar, VSV Prasad

PART 7 NEUROPSYCHIATRY

- 14. Status Epilepticus in Children 228**
Santosh T Soans, Sinchana Bhat
- 15. Psychiatric Emergencies..... 243**
Harihar Chilukuri

PART 8 NUTRITION, GASTROENTEROLOGY, HEPATOLOGY, AND PANCREATOLOGY

- 16. Severe Acute Malnutrition 258**
Rajniti Prasad, Utpal Kant Singh, BP Jaiswal, Saroj Kumar, Girijanand Jha
- 17. Fulminant Hepatic Failure 274**
Pushwinder Kaur, Harmesh Singh Bains
- 18. Acute Pancreatitis 281**
Kumar Diwakar, Sudhir Mishra, Satish K Tiwari

PART 9 PULMONOLOGY

- 19. Acute Severe Asthma.....296**
VSV Prasad, Anzad Amanullah
- 20. The Child with Respiratory Distress307**
Vijai Williams, Muthu Vel, Pankaj C Vaidya, Satish K Tiwari

PART 10 ONCOLOGY

- 21. Management of Tumor Lysis Syndrome.....318**
Satyannarayana Bhamidipati, Anjul Dayal, Avash Pani, Srikanth Kona

PART 11 PEDIATRIC SURGERY

- 22. Intussusception.....327**
Shilpa Sharma, Devendra K Gupta
- 23. Malrotation332**
Shilpa Sharma, Devendra K Gupta
- 24. Foreign Body in the Airway.....338**
Shilpa Sharma

PART 12 NEONATOLOGY

- 25. Neonatal Resuscitation342**
Rahul Kadam, VSV Prasad
- 26. Pain Management in a Neonatal Intensive Care Unit372**
Manish Kumar, Sriparna Basu
- 27. Neonatal Apnea385**
Anita Singh
- 28. Neonatal Shock401**
Jatinder Singh, Harmesh Singh Bains, Vaneeta Bhardwar
- 29. Bleeding in Neonate408**
Anita Singh

30. Neonate with Respiratory Distress	424
<i>Bashir Ahmad Charoo, Javeed Iqbal Bhat</i>	
31. Surfactant Replacement Therapy	434
<i>Anita Singh, Anup Thakur</i>	
32. Neonatal Seizures	448
<i>Vivek Choudhury, Susanta Kumar Badatya, Anup Thakur</i>	
33. Persistent Pulmonary Hypertension of the Newborn.....	464
<i>Anita Singh, Anup Thakur</i>	
34. Neonatal Sepsis.....	479
<i>Susanta Kumar Badatya, Vivek Choudhury, Anup Thakur</i>	
35. Intraventricular Hemorrhage.....	496
<i>Anita Singh</i>	
<i>Index</i>	<i>515</i>