Contents

Section I Recognition of Critical Illness

1. Recognition of Early Signs of Critical Illness in the Outpatient Department ---------- 3

Section II Airway

2. Basic Airway Management ---------- 25
3. Pharmacologically Assisted Intubation (PAI) in the PED ---------- 30
4. Assessment and Management of the Difficult Airway ---------- 44
5. Flow Inflating Ventilation Device: Non-invasive CPAP in Settings without Immediate Access to Mechanical Ventilation ---------- 53

Section III Approach to Stridor

6. Stridor ---------- 61

Section IV Breathing

7. Approach to Respiratory Distress ---------- 77
8. Management of an Asthmatic Exacerbation ---------- 84
9. Pulse Oximeter ---------- 95

Section V Circulation

10. General Approach to the Management of Shock ---------- 101
11. Intraosseous Access ----------114
12. Vasoactive Drugs in the ED ----------119
13. Approach to Acute Diarrhea and Shock in the ED ---------- 129
14. Cardiogenic Shock ---------- 134
15. Septic Shock ---------- 143
16. Approach to Recognition and Management of Dengue in the ED ---------- 158
17. Anaphylaxis ---------- 170
18. Cyanotic Spell ---------- 174
19. Hypertensive Emergencies ---------- 179

Section VI Disability

20. Approach to Decreased Level of Consciousness ---------- 187
21. Status Epilepticus ---------- 198

Section VII Envenomation

22. Scorpion Sting ---------- 217
23. Snake Bite Envenomation ---------- 225

Section VIII Poisoning

24. Poisoning: General Approach ---------- 239
25. Specific Poisons ---------- 247

Section IX Trauma

26. Approach to Traumatic Brain Injury (TBI) ---------- 265
27. Approach to Polytrauma ---------- 281

Section X Environmental Injury

28. Burns ---------- 291
29. Electrical Injury ---------- 296
30. Submersion Injury ---------- 299

Section XI Special Topics

31. Gastrointestinal Bleeding ---------- 305
32. Interpretation of Chest X-rays in Critically Ill Children ---------- 312
33. Procedural Sedation and Management of Pain in Children ---------- 335
34. Diabetic Ketoacidosis ---------- 344
35. Setting up Pediatric Resuscitation and Emergency Services ---------- 355

Section XII Procedures

36. Nebulizer Therapy ---------- 367
37. Needle Thoracocentesis and Thoracostomy ---------- 370
38. Pericardiocentesis ---------- 375
39. Cannulation of External Jugular Vein ---------- 378
40. Foley Catheter Insertion ---------- 380
41. Spinal Stabilization ---------- 382

Appendices

Appendices 1 to 13 *389-405*

Epilogue *407*

Index *409*