Contents

1. **General Principles of Clinical Evaluation** 1
   PK Sasidharan
2. **Medical Emergencies** 18
   PK Sasidharan
3. **Cardiac Emergencies for Practitioners** 160
   N Sudhayakumar
4. **Surgical Emergencies** 176
   P Rajan
5. **Cardiopulmonary Resuscitation: An Update** 193
   Venugopalan Poovathum Parambil
6. **Coma: Clinical Evaluation** 214
   GG Rao
7. **Snake Envenomation** 221
   KB Mohan
8. **Acute Chemical Poisoning** 237
   R Krishnan, Vineeth Rajagopal
9. **Diabetes Mellitus: Can't We Prevent It?** 263
   PK Sasidharan
10. **Diabetes Mellitus: Diagnosis and Management** 282
    PK Sasidharan
11. **Hypoglycemia: Approach and Management** 312
    Chandni R

12. **Cardiovascular System** 322
Sudhayakumar N, MD Shyamkumar

13. **Hypertension** 355
PK Sasidharan, Vineeth Rajagopal

14. **Respiratory System** 377
PT James, RC Babu, Kiran Vishnu Narayan

15. **Gastroenterology** 418
Varghese Thomas

16. **Viral Hepatitis** 445
A Riyaz

17. **Nephrology** 485
PK Sasidharan

18. **Acid-base Disorders** 522
PK Sasidharan

19. **Hyperthyroidism** 533
NK Thulaseedharan

20. **Hypothyroidism** 539
Geetha P

21. **Hypoadrenalism: Glucocorticoid and Mineralocorticoid Deficiency** 551
PK Sasidharan

22. **Infections** 565
PV Bhargavan, Sheela Mathew

23. **Enteric Fever: An Overview and Report of an Outbreak in Kerala** 595
PK Sasidharan

24. **Leishmaniasis** 609
PK Sasidharan

25. **Guidelines for Use of Antibiotics** 629
PK Sasidharan

26. **Clinical Approach to a Patient with Joint Symptoms** 645
Binoy J Paul, Arathi N

27. **Vasculitis: An Overview and Clinical Approach** 662
PK Sasidharan

28. **Hemophagocytic Lymphohistiocytosis: Two Case Histories and Review Article** 692
PK Sasidharan, Priyadarshini B

29. **Anemia: Clinical Evaluation** 706
PK Sasidharan

30. **B12 Deficiency in India** 724
PK Sasidharan

31. **Polycythemia: How and how much to Investigate?** 744
PK Sasidharan

32. **Cerebral Vein Thrombosis** 766
PK Sasidharan

33. **Pediatrics: Part 1** 790
CK Sasidharan, Lulu Mathews, Narayana Das, M Vijayakumar, Vineeth Rajagopal

34. **Pediatrics: Part 2** 854
Sindhu TG, M Vijayakumar, Mohandas Nair, Gireesh S, Soja Vijayan

35. **Pediatric Surgery** 876
Akbar Sherif

36. Obstetrics and Gynecology **890**
Bindu Vijaykumar

37. Amenorrhea **903**
Sreejith R

38. Approach to Infertility **911**
Sajeeth Kumar, Adarsh AK

39. Dermatology **917**
K Pavithran, MP Binitha

40. Psychiatry **934**
VV Mohanachandran, Ravichandra Karkal

41. Basics of Clinical Transfusion Practice **955**
Sajith V

42. Orthopedics **976**
TS Gopakumar, U Jayaprakash, Riju R

43. Ophthalmology **1004**
Jyothi PT

44. ENT **1043**
CJ Francis, Abdul Salam RT

45. Dentistry: Oral and Maxillofacial Diseases **1061**
Ramakrishnan, Valsa Thomas

46. Forensic Medicine and Toxicology **1080**
Sujith Sreenivas C, MR Chandran

47. Community Medicine **1132**
Asma Rahim

48. Family Medicine: The Concept and the Need **1150**
PK Sasidharan

49. Pain Management and Palliative Care **1167**
Sunilkumar MM, Rajagopal MR

50. Care of the Elderly **1189**
PK Sasidharan

51. Nutrition and Balanced Diet **1222**
PK Sasidharan

52. Vitamin D Deficiency: A Marker of Malnutrition **1250**
PK Sasidharan

53. Microbiology Specimen Collection and Transport **1273**
Anitha PM

54. Essential Infection Control Practices **1288**
Anitha PM

55. Electrocardiogram: Basics **1299**
Jijith Krishnan, Shahid S

56. Radiology **1335**
Saanida M

57. Common Procedures **1361**
Binuraj C, V Udayabhaskaran

Index *1383*