CONTENTS

Section 1 Clinical Pediatrics

1. History Taking of a Newborn *1*
2. Examination of a Newborn *3*
3. Examination of a Child *5*

Section 2 Perinatology

4. Care of the Unborn Baby *11*
5. Fetal Effects of Maternal Drugs *13*
6. Birth Asphyxia *15*
7. Approach to Resuscitation of Newborn *19*
8. Birth Injuries *22*
9. Low Birth Weight *24*
10. Neonatal Seizures *28*
11. Neonatal Sepsis *31*
12. Meconium Aspiration Syndrome *34*
13. Neonatal Jaundice *36*
14. Retinopathy of Prematurity *42*

Section 3 Nutrition

15. Breastfeeding *44*
16. Infant and Young Child Feeding *48*
17. Failure to Thrive *50*
18. Age Independent Anthropometric Criteria *52*
19. Bone Age *54*
20. Rickets *56*
21. Scurvy *61*
22. Hemorrhagic Disease of Newborn *64*
23. Vitamin A Deficiency *66*
24. Protein Energy Malnutrition *68*

Section 4 Central Nervous System

25. Development of a Child *73*
26. Cerebral Palsy *79*
27. Childhood Hemiparesis and Stroke *82*

28. Epilepsy 86
29. Landry Guillain-Barré Paralysis 90
30. Meningitis 93
31. Tuberculous Meningitis 97
32. Hydrocephalus 100
33. Movement Disorders and Chorea 103

Section 5 Respiratory System

34. Sinusitis 105
35. Croup 107
36. Bronchiolitis 109
37. Community-acquired Pneumonia 111
38. Hospital-acquired Pneumonia 115
39. Persistent Pneumonias 117
40. Asthma 120

Section 6 Skin

41. Dermatological Problems in Children 124

Section 7 Endocrinology

42. Puberty 130
43. Hypothyroidism 132
44. Addison's Disease 135
45. Diabetic Ketoacidosis (DKA) 139

Section 8 Fluids and Electrolytes

46. Basics of Fluids and Electrolytes 143
47. Acid-base Disorders 145
48. Sodium Balance 148
49. Hypokalemia 151
50. Hyperkalemia 153
51. Hypocalcemia 155

Section 9 Gastrointestinal System

52. Diarrhea 157
53. Cow's Milk Protein Intolerance 164
54. Recurrent Abdominal Pain 166
55. Amoebiasis 168

56. Giardiasis *170*
57. Ascariasis *171*
58. Hookworm *172*
59. Celiac Disease *174*
60. Portal Hypertension *176*

Section 10 Heart

61. Congenital Heart Disease *179*
62. Ventricular Septal Defect (VSD) *184*
63. Patent Ductus Arteriosus *189*
64. Congestive Heart Failure *192*
65. Infective Endocarditis *196*
66. Rheumatic Fever *200*

Section 11 Hematology

67. Iron Deficiency Anemia in Infancy *203*
68. Megaloblastic Anemia *206*
69. Aplastic Anemia/Pancytopenias *208*
70. Hemolytic Anemias *210*
71. Acute Lymphoblastic Leukemia *217*
72. Acute ITP *222*
73. Hemophilia *224*

Section 12 Infectious Diseases

74. Immunization *228*
75. Acute Flaccid Paralysis and Poliomyelitis *238*
76. Diphtheria *241*
77. Whooping Cough *243*
78. Tetanus *245*
79. Tuberculosis *247*
80. Mantoux Skin Test *253*
81. Measles *254*
82. Mumps *256*
83. Chickenpox *257*
84. Malaria *259*
85. Dengue Fever *262*
86. Japanese Encephalitis *264*
87. Meningococcal Disease in Children *265*
88. Typhoid Fever (Enteric Fever) *267*

89. *H. Pylori* 271
90. HIV Infection 273
91. Septic Shock 278
92. Hepatitis 280
93. Integrated Management of Neonatal and Childhood Diseases 284
94. Congenital Rubella Syndrome 288
95. Toxoplasmosis 290

Section 13 Renal Disorders

96. Urinary Tract Infection 293
97. Hematuria 296
98. Acute Nephritis 298
99. Proteinuria in Children 301
100. Idiopathic Nephrotic Syndrome 302
101. Childhood Hemolytic Uremic Syndrome 307
102. Acute Renal Failure 310

Section 14 Orthopedics

103. Common Orthopedic Problems 315
104. Juvenile Rheumatoid Arthritis (JRA) 318
105. Down Syndrome 322

Section 15 Psychiatry

106. Attention Deficit Hyperactivity Disorder 327
107. Sleep Disorders 329
108. Autism 331
109. Breath-holding Spells 333
110. Pica 334
111. Temper Tantrums 335
112. Toilet Training 336
113. Nocturnal Enuresis 337

Section 16 Eye

114. Childhood Glaucoma 339
115. Childhood Cataract 341

Section 17 Pediatric Surgery

116. Diaphragmatic Hernia 343
117. Tracheoesophageal Fistula 345
118. Infantile Hypertrophic Pyloric Stenosis 347
119. Ulcerative Colitis 349
120. Crohn's Disease 351
121. Intussusception 352

Section 18 Special Topics

122. Genetic Counseling 354
123. Galactosemia 356
124. Glycogen Storage Disorders 357
125. Phenylketonuria (PKU) 360
126. Wilson's Disease 362
127. Ambiguous Genitalia 364
128. Drowning 368
129. Sudden Infant Death Syndrome (SIDS) 370
130. Systemic Lupus Erythematosus 373
131. Henoch-Schönlein Purpura (Anaphylactoid Purpura) 375
132. Burns in Children 377
133. Muscle Disorders 379
134. Poisoning 382
135. Lead Poisoning 387
136. Short Stature 390
137. Inborn Errors of Metabolism 392
138. The Fetal Circulation 395

Index 397