Illustrated Textbook of Paediatrics, 4th Edition
Tom Lissauer, and Graham Clayden, 2012
**List of Chapters**

1. The child in society
2. History and examination
3. Normal child development, hearing and vision
4. Developmental problems and the child with special needs
5. Care of the sick child
6. Pediatric emergencies
7. Accidents, poisoning, and child protection
8. Genetics
9. Perinatal medicine
10. Neonatal medicine
11. Growth and puberty
12. Nutrition
13. Gastroenterology
14. Infection and immunity
15. Allergy
16. Respiratory disorders
17. Cardiac disorders
18. Kidney and urinary tract disorders
19. Genitalia
20. Liver disorders
21. Malignant disease
22. Hematological disorders
23. Emotions and behavior
24. Skin disorders
25. Endocrine and metabolic disorders
26. Musculoskeletal disorders
27. Neurological disorders
28. Adolescent medicine
List of Chapters

2. History and examination (page 13 to 29)
   - Taking a history 13
   - An approach to examining children 16
   - Examination 17
   - Communicating with children 27
   - Summary and management plan 29

3. Normal child development, hearing and vision (page 31 to 40)
   - Influence of heredity and environment 31
   - Fields of development 31
   - Developmental milestones 32
   - Is development normal? 33
   - Pattern of child development 34
   - Cognitive development 34

4. Developmental problems and the child with special needs (page 49 to 56)
   - Abnormal development - key concepts 50
   - Developmental delay 52
   - Abnormal motor development (including cerebral palsy) 52

5. Care of the sick child
   - Evidence-based pediatrics (page 77 to 80)

6. Pediatric emergencies (page 81 to 92)
   - The seriously ill child 81
   - Cardiopulmonary resuscitation 81
   - The seriously injured child 82
   - Shock 86
   - Septicemia 88
- Coma 88
- Status epilepticus 89
- Anaphylaxis 89

8. Genetics (page 115 to 125, page 126 to 127, and page 129 to 132)
   - Chromosomal abnormalities 115
   - Mendelian inheritance 120
   - Unusual genetic mechanisms (Fragile X syndrome) 123
   - Polygenic or multifactorial inheritance 126
   - Gene-based therapies 129
   - Genetic services 130
   - Presymptomatic testing 132

9. Perinatal medicine (page 138 to 139 and 141 to 153)
   - Maternal conditions affecting the fetus 138
   - Adaptation to extrauterine life 141
   - Neonatal resuscitation 143
   - Size at birth 147
   - Routine examination of the newborn infant 148

10. Neonatal medicine (page 155 to 179 exclude neonatal stroke and craniofacial disorders in page 176)
    - Hypoxic-ischemic encephalopathy 156
    - Birth injuries 157
    - Stabilizing the preterm or sick infant 159
    - The preterm infant 159
    - Jaundice 168
    - Respiratory distress in term infants 172
    - Infection 173
    - Hypoglycemia 175
    - Neonatal seizures 175
11. Growth and puberty (page 181 to 196)
   - Measurement 181
   - Puberty 183
   - Short stature 186
   - Tall stature 190
   - Abnormal head growth 191
   - Premature sexual development 193
   - Delayed puberty 195

12. Nutrition (page 201 to 215)
   - The nutritional vulnerability of infants and children 201
   - Infant feeding 203
   - Failure to thrive 206
   - Malnutrition 209
   - Marasmus and kwashiorkor 211
   - Vitamin D deficiency/Rickets 213
   - Vitamin A deficiency 215

13. Gastroenterology (page 219 to 233)
   - Vomiting 219
   - Crying 222
   - Acute abdominal pain 223
   - Recurrent abdominal pain 227
   - Gastroenteritis 229

14. Infection (page 241 to 247, page 250 to 257, page 260 to 262, and page 265 to 270)
   - The febrile child 241
   - Serious life-threatening infections 243
     (Meningitis – Encephalitis)
– Common viral infections 250
  (The human herpesviruses, Human herpesvirus 6, Parvovirus B19, Enteroviruses)
– Uncommon viral infections 256
  (Measles, Mumps, Rubella)
– Tuberculosis 260
– Immunization 265
– Immune deficiency 268

15. Allergy (page 273 to 276)
– Food allergy and food intolerance 273
– Allergic rhinitis and conjunctivitis (rhinoconjunctivitis) 275
– Urticaria and angioedema 275
– Insect sting hypersensitivity 276

16. Respiratory disorders (page 277 to 294)
– Respiratory infections 277
– Asthma 285
– Recurrent or persistent cough 293
– Chronic lung infection 294

17. Cardiac disorders (page 301 to 323 excluding interruption of the aortic arch, hypolastic left heart syndromes and cardiac arrhythmias)
– Epidemiology 301
– Etiology 302
– Circulatory changes at birth 302
– Presentation 303
– Heart failure 303
– Diagnosis 306
– Nomenclature 306
– Left-to-right shunts 306
- Right-to-left shunts 310
- Common mixing (blue and breathless) 314
- Outflow obstruction in the well child 315
- Outflow obstruction in the sick infant 318
- Rheumatic fever 321
- Infective endocarditis 322

18. **Kidney and urinary tract (page 330 to 341 and page 342 to 345)**
- Urinary tract infection 330
- Enuresis 335
- Proteinuria 336
- Hematuria 338
- Hypertension 340
- Acute kidney injury 342
- Chronic kidney disease 344

20. **Liver disorders (page 355 to 364)**
- Neonatal liver disease 355
- Viral hepatitis 358
- Acute liver failure (fulminant hepatitis) 360
- Chronic liver disease 361
- Cirrhosis and portal hypertension 362
- Management of children with liver disease 363
- Liver transplantation 364

21. **Malignant disease**
- Leukemia (page 369 to 371)

22. **Hematological disorders (page 381 to 402)**
- Anemia 382
- Bone marrow failure syndromes 394
- Bleeding disorders 394
25. **Endocrine and metabolic disorders (page 433 to 443)**
   - Diabetes mellitus 433
   - Hypoglycemia 441
   - Hypothyroidism 442

26. **Musculoskeletal disorders**
   - Arthritis (page 460 to 466) including systemic lupus erythematosus

27. **Neurological disorders (page 472 to 478, page 479 to 484, and page 487 to 488)**
   - Seizures 472
   - Epilepsies of childhood 474
   - Peripheral motor disorders: the neuromuscular disorders 479
   - Hydrocephalus 486