

Contents

Series editor foreword	v	Headache	53
Preface	vii	The unconscious child	54
Acknowledgements	ix	9. Musculoskeletal problems	57
1. History and examination	1	Limp	57
Paediatric history taking	1	The painful limb	57
Neonatal history	2	The painful joint	58
Examination	2	Normal postural variants	58
The neonatal examination	5	10. Pallor, bleeding, splenomegaly or lymphadenopathy	61
Medical sample clerking	6	Pallor	61
2. Developmental assessment.	9	Bleeding disorders	62
History	9	Splenomegaly	64
Examination	9	Lymphadenopathy	66
Signs of abnormal development: 'limit ages'	12	11. Short stature or developmental delay	69
3. Investigations	13	Growth	69
Blood tests	13	Developmental delay	71
Urine tests.	21	12. Neonatal problems.	73
Cerebrospinal fluid	21	Feeding difficulties	73
Imaging	22	Vomiting	73
4. Fever or rash	27	Jaundice.	74
The feverish child	27	Breathing difficulties	76
The child with a rash	29	Neonatal seizures	77
The child with fever and petechial rash	31	Congenital malformations	78
5. Heart, lung or ENT problems	33	Complex genital anomaly.	80
Heart	33	13. Infectious diseases and immunodeficiency	81
Lung	35	Viral infections.	81
Ear, nose and throat	38	Bacterial infections	87
6. Gut or liver problems	41	Parasitic infections	91
Gut	41	Kawasaki disease.	93
Liver	46	Immunodeficiency	93
7. Haematuria or proteinuria	49	14. Allergy and anaphylaxis	97
Haematuria	49	Epidemiology	97
Proteinuria.	50	Cross-reaction to allergens	98
8. Neurological problems	51	Clinical aspects of allergy	98
Fits, faints and funny turns	51	Management of allergy.	99
		Anaphylaxis	99

15. Skin disorders	103	Infections of the central nervous system	146
Eczema (dermatitis)	103	Cerebral palsy	148
Infections	105	Epilepsy	149
Viral	105	Febrile convulsions	152
Infestations	106	Headache	152
Other childhood skin diseases	107	Neurocutaneous syndromes	152
16. Cardiovascular disorders	109	Neurodegenerative disorders of childhood	153
Congenital heart disease	109	Neuromuscular disorders	153
Rheumatic fever	114	21. Musculoskeletal disorders	157
Cardiac infections	115	Disorders of the hip and knee	157
Cardiac arrhythmias	116	Disorders of the spine	159
17. Disorders of the respiratory system	117	Bone and joint infections	160
Upper respiratory tract infections	117	Rheumatic disorders	161
Lower respiratory tract infections	119	Genetic skeletal dysplasias	162
Asthma	122	22. Haematological disorders	163
Cystic fibrosis	127	Haematopoiesis	163
18. Disorders of the gastrointestinal system	129	Anaemia	163
Infantile colic	129	Haemolytic anaemia	166
Gastro-oesophageal reflux	129	Bleeding disorders	168
Gastroenteritis	130	Coagulation disorders	169
Pyloric stenosis	131	Thrombotic disorders in childhood	170
Intussusception	132	23. Malignant disease	173
Meckel's diverticulum	132	Childhood cancer	173
Acute appendicitis	132	The leukaemias	175
Mesenteric adenitis	133	Lymphomas	176
Coeliac disease	133	Brain tumours	177
Food intolerance	134	Neuroblastoma	178
Inflammatory bowel disease	134	Wilms' tumour (nephroblastoma)	178
Hirschsprung's disease (congenital aganglionic megacolon)	134	Soft tissue sarcomas	179
Bile duct obstruction	135	Bone tumours	179
Constipation	135	Langerhans cell histiocytosis	180
19. Renal and genitourinary disorders	137	24. Endocrine and metabolic disorders	181
Urinary tract anomalies	137	Disorders of carbohydrate metabolism	181
Genitalia	139	Thyroid disorders	185
Urinary tract infection	141	Adrenal disorders	186
Acute nephritis	143	Disorders of the pituitary gland	187
Nephrotic syndrome	143	Disorders of the gonads	188
Haemolytic uraemic syndrome	144	Inborn errors of metabolism	189
20. Neurological disorders	145	25. Disorders of emotion and behaviour	193
Malformations of the central nervous system	145	Problems of early childhood	193
		Problems of middle childhood	195
		Problems of adolescence	198

28. Social and preventive paediatrics	201	Normal neonatal anatomy and physiology	220
Prevention in child health.	201	Birth	222
Child abuse	204	Birth injury	224
Sudden infant death syndrome	205	Diseases of the newborn	224
Children and the law	205	Disorders of the preterm infant	226
The child with a disability	206	Disorders of the term infant.	229
29. Genetic disorders	209	29. Accidents and emergencies.	233
Basic genetics	209	Accidents	233
Single gene disorders.	209	Emergencies	238
Autosomal dominant disorders	209	30. Nutrition, fluids and prescribing	249
Autosomal recessive disorders.	210	Nutrition	249
X-linked disorders	211	Fluids and electrolytes	254
Multifactorial disorders	212	Paediatric pharmacology and prescribing.	255
Chromosomal disorders.	213	Self-assessment	257
Mitochondrial inheritance.	215	Best of fives questions (BOFs)	259
Polymerase chain reaction	216	Extended-matching questions (EMQs).	277
Genetic counselling	216	BOF answers	283
30. The newborn	217	EMQ answers	295
Maternal and fetal health.	217	Glossary.	301
Fetal assessment and antenatal diagnosis	217	Index	303
Maternal conditions affecting the fetus	217		