

Contents

Series editor's foreword	v	7. Palpitations	59
Prefaces	vi	Introduction	59
Acknowledgements	vii	History	59
Series editor's acknowledgement	viii	Causes and contributing factors	59
Rapid UKMLA Index	ix	Examination	60
		Investigations	61
1. History taking and communication	1	8. Pyrexia of unknown origin	63
General principles	1	Introduction	63
The history	1	History and examination findings	63
Conclusion of history taking	9	Investigations	63
		Differential diagnosis	65
2. Clinical examination	11	9. Abdominal pain	67
ABCDE approach	11	Introduction	67
General principles	12	History and examination findings	67
Visual survey	12	Investigations	70
The face and body habitus	13		
The hands	13	10. Heartburn and indigestion	73
The cardiovascular system	15	Introduction	73
The respiratory system	18	History and examination findings	73
The abdomen	19	Investigations	74
The nervous system	23		
Musculoskeletal examination	33	11. Gastrointestinal bleed	77
Skin and lymphadenopathy	34	Introduction	77
Breast examination	34	History and examination findings	77
Neck examination	35	Investigations	78
3. Writing in the medical notes	37	12. Change in bowel habit	83
General principles	37	Introduction	83
Sample clerking	38	History and examination findings	83
		Investigations	84
Section 1 Clinical Presentations	41	13. Weight loss	87
		Introduction	87
4. Chest pain	43	History and examination findings	88
Introduction	43	Investigations	88
History and examination findings	43		
Investigations	45	14. Jaundice	91
		Introduction	91
5. Shortness of breath	49	History and examination findings	91
Introduction	49	Investigations	93
History and examination findings	49		
Investigations	52	15. Urinary symptoms and haematuria	97
		Introduction	97
6. Cough and haemoptysis	55	Micturition disturbances	97
Introduction	55	History and examination findings	99
History and examination findings	55	Investigations	99
Investigations	55		

Contents

31. Renal, genitourinary and sexual health medicine . . . 277	
Introduction	277
Haematuria and proteinuria	277
Acute kidney injury	280
Chronic kidney disease	283
Glomerular disease	287
Urinary tract infections	292
Renal calculi	293
Urinary tract malignancies	294
Miscellaneous conditions	296
Sexually transmitted diseases	297
Gender medicine	298
32. Fluid balance and electrolyte disturbances 301	
Introduction	301
Sodium and water balance	301
Hyponatraemia	301
Hypernatraemia	303
Hypokalaemia	304
Hyperkalaemia	304
Calcium balance	306
Hypocalcaemia	306
Hypercalcaemia	307
33. Metabolic and endocrine disorders 311	
Diabetes mellitus	311
Diagnosis and clinical features	311
Obesity and metabolic syndrome	320
Lipid disorders	321
Thyroid disease	323
Parathyroid disease	324
Pituitary disorders	326
Acromegaly	328
Prolactin disorders	330
Adrenal disorders	331
Miscellaneous endocrine conditions	336
Metabolic bone disease	337
34. Nervous system 345	
Cerebrovascular disease	345
Headache	346
Dementia	350
Epilepsy	350
Intracranial tumours	355
Movement disorders	356
Multiple sclerosis	360
Central nervous system infection	363
Investigations	364
Spinal cord disorders	365
Peripheral nervous system disorders	367
Neuromuscular disorders	368
Miscellaneous disorders	370
35. Musculoskeletal system 373	
Osteoarthritis	373
Rheumatoid arthritis	373
Spondyloarthropathies	376
Crystal arthropathy	378
Connective tissue disorders	380
Vasculitis	383
Polymyalgia rheumatica and giant cell arteritis	385
Antiphospholipid syndrome	386
36. Skin disease 389	
Skin manifestations of systemic disease	389
Skin disease	390
Neoplastic disease	399
Infections	402
Burns	403
37. Haematological disorders 407	
Anaemia	407
Anaemia of chronic disease	409
Haemolytic anaemia	410
Haemoglobinopathies	410
Aplastic anaemia	412
Haemochromatosis	413
Leukaemia	414
Multiple myeloma	418
Lymphoma	419
Myelodysplastic syndromes	422
Myeloproliferative disorders	423
Bleeding disorders	423
Disseminated intravascular coagulation	425
Thrombotic disorders and thromboembolism	427
Thrombotic thrombocytopenic purpura	429
Haemolytic uraemic syndrome	429
38. Infectious diseases 431	
General overview	431
HIV and AIDS	431
Malaria	436
Diarrhoeal disease	438
Drug-resistant bacteria	440
COVID-19	440
39. Drug overdose and abuse 445	
General overview	445
Specific drugs	447
Alcohol	449
Opioids	450
Illegal drugs	451
Carbon monoxide	451
Organophosphates	451
Self-Assessment 453	
UKMLA High Yield Association Table	455
UKMLA Single Best Answer (SBA) questions	461
UKMLA SBA answers	487
Index 505	