

Contents

Series Editors' Foreword	v
About the Series Editors	vi
About the Authors	vi
Preface	vii
Glossary	xi
Acknowledgements	xii

Chapter 1 First principles

Overview of the gastrointestinal system	1
Overview of the GI tract	2
Mouth	23
Pharynx	27
Oesophagus	30
Stomach	35
Liver	43
Spleen	53
Biliary system	54
Pancreas	56
Small intestine	61
Large intestine	72
Anus	77

Chapter 2 Clinical essentials

Introduction	83
Common symptoms and how to take a history	84
Common signs and how to examine a patient	96
Investigations	108
Management options	130

Chapter 3 Oesophageal disorders

Introduction	161
--------------	-----

Case 1: Heartburn	162
Case 2: Difficulty in swallowing	165
Gastro-oesophageal reflux disease	167
Barrett's oesophagus	170
Oesophagitis	171
Oesophageal neoplasia	173
Motility disorders	175
Pharyngo-oesophageal disorders	177

Chapter 4 Gastric disease

Introduction	181
Case 3: Abdominal pain after eating	182
Case 4: Nausea and vomiting	184
Peptic ulcer disease	186
Gastritis	192
Functional dyspepsia	193
Gastric neoplasia	194
Motility disorders	196

Chapter 5 Small intestine and malabsorption disorders

Introduction	199
Case 5: Weight loss and anaemia	200
Malabsorption	203
Coeliac disease	207
Small bowel Crohn's disease	210
Small bowel neoplasia	213

Chapter 6 Colorectal disorders

Introduction	217
Case 6: Bloody diarrhoea	218

Case 7: Intermittent abdominal pain	221
Infective diarrhoea	223
Irritable bowel syndrome	226
Inflammatory bowel disease: ulcerative colitis and Crohn's disease	229
Microscopic colitis	238
Diverticular disease	239
Colorectal neoplasia	240
Anorectal disorders	244

Chapter 7 Liver disease

Introduction	249
Case 8: Jaundice	250
Case 9: Swollen abdomen	253
Acute liver failure	255
Portal hypertension	256
Cirrhosis	256
Alcoholic liver disease	262
Viral hepatitis	265
Drug-induced liver injury	269
Non-alcoholic fatty liver disease	270
Metabolic disorders	272
Autoimmune liver disease	274
Vascular liver disorders	277
Liver neoplasia	278
Infections of the liver	281

Chapter 8 Pancreatic disease

Introduction	285
Case 10: Offensive stool and chronic abdominal pain	286
Case 11: Painless jaundice	289
Acute pancreatitis	290
Chronic pancreatitis	294
Pancreatic neoplasia	297

Chapter 9 Biliary tract disease

Introduction	303
Case 12: Jaundice and abdominal pain	304
Gallstones and cholecystitis	306
Ascending cholangitis	310
Biliary tract neoplasia	312

Chapter 10 Emergencies

Introduction	317
Upper GI bleeding	318
Case 13: Collapse after black stool and abdominal pain	318
Acute liver failure	322
Case 14: Confusion and jaundice	322
Intestinal obstruction	324
Case 15: Abdominal pain and persistent	

Chapter 11 Integrated care

Introduction	329
Chronic disease management	331
Case 16: Chronic constipation	332
Constipation	334
Case 17: Abnormal liver function tests	335
Abnormal liver function tests	337
Iron deficiency anaemia	338
Palliative care	339

Chapter 12 Self-assessment

SBA questions	343
SBA answers	353

Index	363
--------------	------------