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978-0-521-68205-3 - Hospital Surgery: Foundations in Surgical Practice

Edited by Omer Aziz, Sanjay Purkayastha and Paraskevas Paraskeva

Frontmatter

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Hospital Surgery

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Frontmatter

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Hospital Surgery

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DENHAM KBE



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Frontmatter

[More information](#)

To our parents: Kishwer, Aslam, Sheela, Sudipta, Pezouna
and Antonios, for inspiring us and giving us the
opportunity to achieve

Cambridge University Press

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Edited by Omer Aziz, Sanjay Purkayastha and Paraskevas Paraskeva

Frontmatter

[More information](#)

Contents

List of contributors page *xiii*

Foreword by Professor Lord Ara Darzi KBE *xxi*

Preface *xxiii*

Section 1. Perioperative care 1

Consent and medico-legal considerations 3

Elective surgery 9

Special situations in surgery: the diabetic patient 18

Special situations in surgery: the jaundiced patient 22

Special situations in surgery: patients with thyroid
disease 26

Special situations in surgery: steroids and surgery 31

Special situations in surgery: surgical considerations in the
pregnant woman 35

Haematological considerations: thrombosis in surgery 40

Haematological considerations: bleeding 48

Haematological considerations: haemorrhage
(massive-bleeding protocol) 57

Haematological considerations: blood products and
transfusion 59

Shock 64

Fluid management 71

Electrolyte management 76

Pain control 81

Nutrition 91

Antibiotic prescribing in surgery 99

Critical care: the critically-ill patient, decision making
and judgement 104

Critical care: cardiovascular physiology and support 108

Cambridge University Press

978-0-521-68205-3 - Hospital Surgery: Foundations in Surgical Practice

Edited by Omer Aziz, Sanjay Purkayastha and Paraskevas Paraskeva

Frontmatter

[More information](#)**viii** Contents

Critical care: respiratory pathophysiology and support 113

Critical care: renal support 121

Critical care: other considerations 126

Postoperative complications 130

Surgical drains 134

Abdominal stoma care 141

Section 2. Surgical emergencies 147

Trauma: adult trauma 149

Trauma: paediatric trauma 156

Trauma: trauma scoring systems 165

Trauma: traumatic brain injury 169

Trauma: thoracic trauma 180

Trauma: abdominal trauma 189

Burns 194

Acute abdomen 202

Acute pancreatitis 207

Acute appendicitis 212

Acute cholecystitis 216

Large-bowel obstruction 221

Small-bowel obstruction 229

Perforated gastro-duodenal ulcer 236

Volvulus 241

Gastrointestinal bleeding 247

Mesenteric ischaemia 258

Acute limb ischaemia 263

Leaking abdominal aortic aneurysm 268

Epistaxis 272

Inhaled foreign body (FB) 276

Urinary retention 283

Gross haematuria 287

Renal colic 291

Testicular pain 296

Priapism 301

Cambridge University Press

978-0-521-68205-3 - Hospital Surgery: Foundations in Surgical Practice

Edited by Omer Aziz, Sanjay Purkayastha and Paraskevas Paraskeva

Frontmatter

[More information](#)

Paraphimosis	305
Necrotizing fasciitis	308
Principles of fracture classification and management	312
Compartment syndrome	320
Acute abdominal pain in pregnancy	324
Paediatric surgical emergencies	330
Acute hand injuries	338
Section 3. Surgical disease	351
Hernias	353
Dysphagia: gastro-oesophageal reflux disease (GORD)	360
Dysphagia: oesophageal neoplasia	365
Dysphagia: oesophageal dysmotility syndromes	370
Gastric disease: peptic ulcer disease (PUD)	374
Gastric disease: gastric neoplasia	377
Hepatobiliary disease: jaundice	386
Hepatobiliary disease: gallstones and biliary colic	390
Hepatobiliary disease: pancreatic cancer	394
Hepatobiliary disease: liver tumours	399
The spleen	404
Inflammatory bowel disease: Crohn's disease	409
Inflammatory bowel disease: ulcerative colitis	413
Inflammatory bowel disease: infective colitis	417
Inflammatory bowel disease: non-infective colitis	421
Colorectal disease: colorectal cancer	424
Colorectal disease: colonic diverticular disease	429
Perianal: haemorrhoids	435
Perianal: anorectal abscesses and fistula in ano	439
Perianal: pilonidal sinus and hidradenitis suppurativa	444
Perianal: anal fissure	449
Chronic limb ischaemia	453
Abdominal aortic aneurysms	459
Diabetic foot	464
Carotid disease	468

Cambridge University Press

978-0-521-68205-3 - Hospital Surgery: Foundations in Surgical Practice

Edited by Omer Aziz, Sanjay Purkayastha and Paraskevas Paraskeva

Frontmatter

[More information](#)

x Contents

- Raynaud's syndrome 473
- Varicose veins 477
- General aspects of breast disease 482
- Benign breast disease 486
- Breast cancer 490
- The thyroid gland 498
- Parathyroid 505
- Adrenal pathology 510
- Multiple endocrine neoplasia (MEN) 518
- Obstructive urological symptoms 522
- Testicular lumps and swellings 527
- Haematuria 536
- Brain tumours 540
- Hydrocephalus 544
- Spinal cord injury 551
- Superficial swellings and skin lesions 558
- Section 4. Surgical oncology 565**
- The cancer multidisciplinary team 567
- Tumour types 571
- Principles of chemotherapy 575
- Radiotherapy in cancer treatment 580
- Palliative care 587
- Section 5. Practical procedures, investigations and operations 591**
- Urethral catheterization 593
- Percutaneous suprapubic catheterization 597
- Vascular access 600
- Arterial cannulation 604
- Central line insertion 607
- Lumbar puncture 611
- Airway 616
- Chest drain insertion 622

Cambridge University Press

978-0-521-68205-3 - Hospital Surgery: Foundations in Surgical Practice

Edited by Omer Aziz, Sanjay Purkayastha and Paraskevas Paraskeva

Frontmatter

[More information](#)

Thoracocentesis	626
Pericardiocentesis	630
Nasogastric tubes	633
Abdominal paracentesis	637
Diagnostic peritoneal lavage (DPL)	640
Rigid sigmoidoscopy	643
Proctoscopy	646
Oesophago-gastro-duodenoscopy (OGD)	650
Endoscopic retrograde cholangio-pancreatography (ERCP)	654
Colonoscopy and flexible sigmoidoscopy	659
Local anaesthesia	666
Regional nerve blocks	671
Sutures	677
Bowel anastomoses	680
Skin grafts and flaps	683
Principles of laparoscopy	692

Section 6. Radiology 699

Principles and safety of radiology	701
X-rays	706
Contrast examinations	712
Ultrasound	722
Computed tomography (CT)	725
Magnetic resonance imaging (MRI)	731

Section 7. Clinical examination 735

History taking	737
Abdominal examination	742
Examination of the respiratory system	747
Examination of the vascular system	751
The orthopaedic examination	759
Examination of the cardiovascular system	767
Examination of the nervous system	771

Cambridge University Press

978-0-521-68205-3 - Hospital Surgery: Foundations in Surgical Practice

Edited by Omer Aziz, Sanjay Purkayastha and Paraskevas Paraskeva

Frontmatter

[More information](#)

xii Contents

Appendices 777

Pathology reference ranges 779

Useful formulae 784

Statistics and critical review 789

Organ and tissue donation 799

Eponyms in surgery 804

Index 818

Cambridge University Press

978-0-521-68205-3 - Hospital Surgery: Foundations in Surgical Practice

Edited by Omer Aziz, Sanjay Purkayastha and Paraskevas Paraskeva

Frontmatter

[More information](#)

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Cambridge University Press

978-0-521-68205-3 - Hospital Surgery: Foundations in Surgical Practice

Edited by Omer Aziz, Sanjay Purkayastha and Paraskevas Paraskeva

Frontmatter

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978-0-521-68205-3 - Hospital Surgery: Foundations in Surgical Practice

Edited by Omer Aziz, Sanjay Purkayastha and Paraskevas Paraskeva

Frontmatter

[More information](#)

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xv

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Cambridge University Press

978-0-521-68205-3 - Hospital Surgery: Foundations in Surgical Practice

Edited by Omer Aziz, Sanjay Purkayastha and Paraskevas Paraskeva

Frontmatter

[More information](#)

xvi List of contributors

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978-0-521-68205-3 - Hospital Surgery: Foundations in Surgical Practice

Edited by Omer Aziz, Sanjay Purkayastha and Paraskevas Paraskeva

Frontmatter

[More information](#)List of contributors **xvii**

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Cambridge University Press

978-0-521-68205-3 - Hospital Surgery: Foundations in Surgical Practice

Edited by Omer Aziz, Sanjay Purkayastha and Paraskevas Paraskeva

Frontmatter

[More information](#)**xviii** List of contributors**Nakul Talwar**

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Cambridge University Press

978-0-521-68205-3 - Hospital Surgery: Foundations in Surgical Practice

Edited by Omer Aziz, Sanjay Purkayastha and Paraskevas Paraskeva

Frontmatter

[More information](#)

List of contributors **xix**

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Cambridge University Press

978-0-521-68205-3 - Hospital Surgery: Foundations in Surgical Practice

Edited by Omer Aziz, Sanjay Purkayastha and Paraskevas Paraskeva

Frontmatter

[More information](#)

Foreword

Surgical practice has witnessed some dramatic changes over the past decade. The advent of new imaging technologies has revolutionized the way that surgical disease is diagnosed, managed and followed up. Minimally invasive surgery and goal-directed recovery have tangibly improved the quality of postoperative care and reduced hospital stay. Advances in fields such as bioengineering and nanotechnology now offer the prospect of further huge leaps. What this has meant is that surgery has evolved into a truly multidisciplinary specialty, relying heavily on the input of a host of healthcare professionals. Throughout this there remains a real need for core knowledge of surgical management to be put into a modern perspective, particularly for the junior doctor who needs this information at his or her fingertips.

In parallel to technological advances, Western World healthcare systems have also been going through major restructuring programmes in order to cope with the increasing demands of modern medicine. In the UK, medical training has changed through the Modernising Medical Careers (MMC) programme and surgical teaching has had to cope with the changes to both medical school and postgraduate exams. Medical students and junior doctors being produced by these new systems have the same duty of care towards their patients as those of years gone by. This has to be provided to the highest standard.

There is now a real responsibility to provide easily accessible and up-to-date knowledge of surgical management to those who need it the most. *Hospital Surgery* is a text that can be used by medical students and junior doctors alike to hone their knowledge of surgery for both the clinical and exam setting. Those involved in composing this text are truly enthused by the specialty and have devoted large portions of their

Cambridge University Press

978-0-521-68205-3 - Hospital Surgery: Foundations in Surgical Practice

Edited by Omer Aziz, Sanjay Purkayastha and Paraskevas Paraskeva

Frontmatter

[More information](#)

xxii Foreword

personal time to teaching the subject. In this book, their aim has been to combine traditional approaches with a modern view point, making Hospital Surgery an invaluable asset in the armoury of any individual involved in surgical practice.

Professor the Lord Ara Darzi of Denham KBE HonFREng FMedSci

Cambridge University Press

978-0-521-68205-3 - Hospital Surgery: Foundations in Surgical Practice

Edited by Omer Aziz, Sanjay Purkayastha and Paraskevas Paraskeva

Frontmatter

[More information](#)

Preface

Knowing is not enough; we must apply. Willing is not enough; we must do

Johann Wolfgang von Goethe

Our journey to acquire knowledge towards a surgical career began at St. Mary's Hospital Medical School. The first time we all met, two of us (Omer Aziz and Sanjay Purkayastha) were medical students being taught by a senior house officer called 'Barry' (Paraskevas Paraskeva). His teaching was clear to follow, enthusiastically delivered, and extremely practical. It instilled in us all a responsibility towards our patients, and pride in the way that we managed them. A close friendship and collaboration subsequently ensued, and has led to us teaching and examining hundreds of medical students together every year in the UK.

The three of us have been fortunate to have been influenced by some excellent texts and inspiring clinicians during our training, which has been a key part of us developing and forming our surgical judgement. In recent times however, we have felt the increasing need to combine key surgical principles with modern practical knowledge, for the medical student or junior doctor to use on a daily basis on the wards. *Hospital Surgery* aims to provide this up-to-date knowledge in a clear and concise format. We hope that this handbook provides those who are learning to manage surgical patients with the strong foundation they need.