

Contents

Contributors, viii

Preface, xiii

Acknowledgements, xiv

Section 1 Principles of Surgery

- 1 Preoperative management, 3
Julian A. Smith
- 2 Assessment of surgical risk, 13
Benjamin N.J. Thomson
- 3 Anaesthesia and pain medicine, 19
David Story
- 4 Postoperative management, 25
Peter Devitt
- 5 Surgical techniques, 35
Benjamin N.J. Thomson and David M.A. Francis
- 6 Management of surgical wounds, 45
Rodney T. Judson
- 7 Nutrition and the surgical patient, 49
William R.G. Perry and Andrew G. Hill
- 8 Care of the critically ill patient, 57
Jeffrey J. Presneill, Christopher Maclsaac and John F. Cade
- 9 Surgical infection, 65
Marcos V. Perini and Vijayaragavan Muralidharan
- 10 Transplantation surgery, 75
Michael A. Fink
- 11 Principles of surgical oncology, 87
G. Bruce Mann and Robert J.S. Thomas
- 12 Introduction to the operating theatre, 93
Andrew Danks, Alan C. Saunder and Julian A. Smith
- 13 Emergency general surgery, 109
Benjamin N.J. Thomson and Rose Shakerian

Section 2 Upper Gastrointestinal Surgery

- 14 Gastro-oesophageal reflux disease and hiatus hernias, 115
Paul Burton and Geraldine J. Ooi
- 15 Tumours of the oesophagus, 123
Ahmad Aly and Jonathan Foo

16 Peptic ulcer disease, 133
Paul A. Cashin and S.C. Sydney Chung

17 Gastric neoplasms, 143
John Spillane

18 Obesity and bariatric surgery, 151
Yazmin Johari and Wendy A. Brown

Section 3 Hepatopancreaticobiliary Surgery

- 19 Gallstones, 163
Arthur J. Richardson
- 20 Malignant diseases of the hepatobiliary system, 173
Thomas J. Hugh and Nigel B. Jamieson
- 21 Liver infections, 191
Vijayaragavan Muralidharan, Marcos V. Perini and Christopher Christophi
- 22 Pancreatitis, 199
Peter S. Russell and John A. Windsor
- 23 Pancreatic tumours, 209
David Burnett and Mehrdad Nikfarjam
- 24 Portal hypertension and surgery on the patient with cirrhosis, 219
Michael A. Fink

Section 4 Lower Gastrointestinal Surgery

- 25 Principles of colorectal and small bowel surgery, 229
Ian Hayes
- 26 Physiology of small and large bowel: alterations due to surgery and disease, 237
Jacob McCormick and Ian Hayes
- 27 Small bowel obstruction and ischaemia, 243
Ian Hayes and the late Joe J. Tjandra
- 28 The appendix and Meckel's diverticulum, 249
Rose Shakerian and the late Joe J. Tjandra
- 29 Inflammatory bowel disease, 255
Susan Shedda, Brit Christensen and the late Joe J. Tjandra
- 30 Diverticular disease of the colon, 267
Ian Hastie and the late Joe J. Tjandra
- 31 Colorectal cancer, 273
Ian T. Jones and the late Joe J. Tjandra

32 Large bowel obstruction, 285

Raaj Chandra

33 Perianal disorders I: excluding sepsis, 293

Ian Hayes and Susan Shedda

34 Perianal disorders II: sepsis, 301

Ian Hayes and the late Joe J. Tjandra

Section 5 Breast Surgery

35 Breast assessment and benign breast disease, 309

Rajiv V. Dave and G. Bruce Mann

36 Malignant breast disease and surgery, 317

Rajiv V. Dave and G. Bruce Mann

Section 6 Endocrine Surgery

37 Thyroid, 331

Jonathan Serpell

38 Parathyroid, 339

Jonathan Serpell

39 Tumours of the adrenal gland, 345

Jonathan Serpell

Section 7 Head and Neck Surgery

40 Eye injuries and infections, 353

Helen V. Danesh-Meyer

41 Otorhinolaryngology, 359

Stephen O'Leary and Neil Vallance

42 Tumours of the head and neck, 369

Rodney T. Judson

Section 8 Hernias

43 Hernias, 381

Roger Berry and David M.A. Francis

Section 9 Skin and Soft Tissues

44 Tumours and cysts of the skin, 397

Rodney T. Judson

45 Soft tissue tumours, 403

Peter F. Choong

46 Infection of the extremities, 415

Mark W. Ashton and David M.A. Francis

47 Principles of plastic surgery, 423

Mark W. Ashton

Section 10 Trauma

48 Principles of trauma management, 431

Scott K. D'Amours, Stephen A. Deane and Valerie B. Malka

49 Burns, 443

Ioana Tichil and Heather Cleland

Section 11 Orthopaedic Surgery

50 Fractures and dislocations, 457

Peter F. Choong

51 Diseases of bone and joints, 465

Peter F. Choong

Section 12 Neurosurgery

52 Head injuries, 483

Andrew H. Kaye

53 Intracranial tumours, infection and aneurysms, 493

Andrew H. Kaye

54 Nerve injuries, peripheral nerve entrapments and spinal cord compression, 511

Andrew H. Kaye

Section 13 Vascular Surgery

55 Disorders of the arterial system, 527

Raffi Qasabian and Gurfateh

Singh Sandhu

56 Extracranial vascular disease, 537

Raffi Qasabian and Gurfateh Singh Sandhu

57 Venous and lymphatic diseases of the limbs, 545

Hani Saeed and Michael J. Grigg

58 Endovascular therapies, 553

Timothy Buckenham

Section 14 Urology

59 Benign urological conditions, 565

Anthony J. Costello, Daniel M. Costello and Fairleigh Reeves

60 Genitourinary oncology, 577

Homayoun Zargar and Anthony J. Costello

Section 15 Cardiothoracic Surgery

61 Principles and practice of cardiac surgery, 587

James Tatoulis and Julian A. Smith

62 Common topics in thoracic surgery, 603

Julian A. Smith

Section 16 Problem Solving

63 Chronic constipation, 617

Kurvi Patwala and Peter De Cruz

64 Faecal incontinence, 625

Andrew Bui

65 Rectal bleeding, 633

Adele Burgess

66 Haematemesis and melaena, 637

Wendy A. Brown

-
- 67** Obstructive jaundice, 643
Frederick Huynh and Val Usatoff
- 68** The acute abdomen, peritonitis and intra-abdominal abscesses, 649
Paul Cashin, Michael Levitt and the late Joe J. Tjandra
- 69** Ascites, 659
David A.K. Watters, Sonal Nagra and David M.A. Francis
- 70** Neck swellings, 667
Rodney T. Judson
- 71** Acute airway problems, 675
Stephen O'Leary
- 72** Dysphagia, 679
Wendy A. Brown
- 73** Leg swelling and ulcers, 685
Alan C. Saunder, Steven T.F. Chan and David M.A. Francis
- 74** Haematuria, 693
Kenny Rao and Shomik Sengupta
- 75** Postoperative complications, 699
Peter Devitt
- 76** Massive haemoptysis, 707
Julian A. Smith
- 77** Epistaxis, 711
Robert J.S. Briggs
- 78** Low back and leg pain, 715
Jin W. Tee and Jeffrey V. Rosenfeld
- 79** Acute scrotal pain, 727
Anthony Dat and Shomik Sengupta
- 80** Post-traumatic confusion, 735
John Laidlaw
- 81** Sudden-onset severe headache, 745
Alexios A. Adamides
- 82** The red eye, 749
Christine Chen
- 83** Double vision, 757
Christine Chen
- Answers to MCQs, 763
- Index, 767