Books for Anesthesia and Intensive Care

For further information visit www.cambridge.org/anesthesia
Forthcoming
Core Topics in Thoracic Anesthesia
Edited by Cait P. Searl and Sameena T. Ahmed
Both from Freeman Hospital, Newcastle
This comprehensive volume includes discussion of some of the more contentious issues in the management of thoracic patients, as well as the rapid evolution of new techniques such as lung-assist devices, modes of ventilation and VAT surgery.
Providing practical assistance to those commencing careers in thoracic anesthesia, a clear, three-section layout – Pre-operative, Operative and Post-operative Management – makes it quick and easy to navigate.
Also ideal as an aide-memoire to those already working in the field, this title is edited by cardiothoracic anesthetists/intensivists practising at an internationally recognized centre for thoracic surgery.
Cambridge Core Topics series
c. April 2009  232pp  30 halftones  32 tables  978-0-521-86712-2 HB  c.£45.00
Forthcoming
Anesthesia for the High Risk Patient
Second edition
Edited by Ian McConachie
University of Western Ontario
Written in a concise, practical style by an international team of experienced practitioners, the new edition of this successful text discusses the complete range of high risk situations likely to be encountered in anesthetic practice, providing practical advice on pre-, intra- and post-operative management for both elective and emergency surgery.
The introductory section gives background information on risks and complications, enabling accurate and quick assessment of patients. All key risks are assessed, but particular emphasis is placed on cardiovascular risk, cardiac disease and cardiac management.
The second section covers specific surgical scenarios such as managing the critically ill patient, the elderly patient and those with cardiac co-morbidities.
A user-friendly guide to the perioperative management of all high risk patients, Anesthesia for the High Risk Patient is an invaluable resource for all anesthetists, intensivists and hopsitalists.
c. April 2009  426pp  25 tables  978-0-521-71018-3 PB  c. £30.00
New
Fundamentals of Anaesthesia

Third edition
Edited by Tim Smith
Alexandra Hospital, Redditch
Colin Pinnock
Alexandra Hospital, Redditch
Ted Lin
University of Leicester, NHS Trust

Fundamentals of Anaesthesia is the gold standard text for the Primary FRCA, encapsulating the basic principles of modern anaesthesia in one accessible volume. This third edition has been written and edited by a team of expert contributors with extensive FRCA examination experience and has been fully updated with a number of completely new chapters.

Presentation of information is clear and concise, with extensive use of tables and colour illustrations, summary boxes to highlight key information and easy-read bullet point lists.

This award-winning textbook is a unique revision aid for the Primary FRCA and an essential companion for all exam candidates.

For full contents and sample material:
www.cambridge.org/anesthesia

New
Ultrasound in Anesthetic Practice
Edited by Graham Arthurs
Maelor Hospital, Wrexham
and Barry Nicholls
Musgrove Park Hospital, Taunton

Ultrasound is now an accessible tool for all clinicians and healthcare professionals, facilitating safe, quick, non-invasive examination of organs.

This practical text explains the benefits of ultrasound for:
► vascular access
► local anesthetic blocks
► cardiac and oesophageal assessment
► trauma and intensive care practice
► neonatal and obstetric practice
► ophthalmic disorders
► soft tissue injuries

The companion DVD contains over 700 still and video clips, allowing the reader to view ultrasound sequences while reading the relevant chapter.

Written by experts, Ultrasound in Anesthetic Practice is the perfect introductory text for all anaesthetists and would-be anaesthetists that need a step-by-step guide to ultrasound, from how to get the best images to when to ask a sonographer for help.

February 2009 214pp 120 halftones
978-0-521-71623-9 PB £45.00
New

Trauma Anesthesia

Edited by Charles Smith
Case Western Reserve University, Ohio

Injuries are estimated to become the number one cause of death for men and women under the age of 45 by the year 2020. Trauma patients present unique challenges to anesthesiologists. Acute injuries require resource-intensive care and are often complex cases, especially when coupled with underlying, pre-existing medical conditions. This reference focuses on a broad spectrum of traumatic injuries and the procedures anesthesiologists perform to adequately care for trauma patients perioperatively, surgically, and post-operatively.

2008 624pp 117 line figures 157 halftones 22 plates 131 tables
978-0-521-87058-0 HB £50.00

Forthcoming

Case Studies in Pediatric Critical Care

Edited by Peter J. Murphy
Stephen C. Marriage
and Peter Davis
All from Bristol Royal Hospital for Children

Case Studies in Pediatric Critical Care presents a spectrum of real and interesting case studies relating to critically ill children. Concise, practical and written by expert pediatric intensivists, each case study includes details of the presenting history and symptomatology, results of investigation and the subsequent critical care management of the patient. Alongside each case is a comprehensive discussion of the various treatment strategies available, and a short list of invaluable learning points summarize the key messages of each case.

c.June 2009 368pp 51 halftones 8 plates 54 tables
978-0-521-87834-0 PB c.£38.00

Pharmacology for Anaesthesia and Intensive Care

Third edition

Tom E. Peck
Royal Hampshire County Hospital, Winchester
Sue Hill
Southampton University Hospital

The third edition of this market-leading reference book has been thoroughly updated to include all new drugs available to the anaesthetist and intensive care specialist. Basic pharmacological principles are dealt with methodically, with many highly annotated diagrams and tables. With hospital infections becoming increasingly prevalent, the important section on antibiotics has been further expanded.

2008 390pp
978-0-521-70463-2 PB £35.00

Operating Department Practice A-Z

Second edition

Tom Williams
Brian Smith
Both from Edge Hill College of Higher Education, Ormskirk

The role of the operating department practitioner has evolved considerably in recent years, and both trainee and practising ODPs need a practical, up-to-date resource on terminology and current practice. Each entry contains both a short definition and a more detailed description of the term or procedure.

‘...an essential purchase for ODPs, as well as being a handy quick reference for medical students and a useful information source for recovery/theatre nurses.’

THE OPERATING THEATRE JOURNAL, REVIEW OF THE FIRST EDITION

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Core Topics in Mechanical Ventilation
Edited by Iain Mackenzie
Addenbrooke’s Hospital, Cambridge
Mechanical ventilation involves the careful interplay of physiology, pathology, physics and technology.
Providing a broad and in-depth coverage of key topics, this text lays out the principles and practicalities of mechanical ventilation, placing these concepts into clinical context with practical examples.
Physiological, pathological and physical principles are explained without assumption of specialist knowledge, and full colour diagrams aid understanding of more complex material. An extensive glossary explains complex terms and allows the cross-referencing of multiple terms.
2008 440pp 189 line figures 21 halftones 106 tables
978-0-521-86781-8 HB £50.00

New
Emergency Airway Management
Edited by Jonathan Benger
United Bristol Healthcare Trust
Jerry Nolan
Royal United Hospital, Bath
Mike Clancy
Southampton University Hospitals Trust
There are few situations more challenging and stressful than airway compromise in acutely ill patients. This book describes the principles of emergency airway management outside the operating theatre, systematically leading the reader through the components of successful practice.
2008 190pp 45 halftones 9 tables
978-0-521-72729-7 PB £29.99

Core Topics in Cardiothoracic Critical Care
Edited by Andrew Klein
Alain Vuylsteke
Samer A. M. Nashef
All from Papworth Hospital, Cambridge
Critical care presents more complex clinical data than any other area of medicine.
This book will guide clinicians from all disciplines in the management of cardiothoracic patients providing the key knowledge in a concise and accessible manner. It demystifies all aspects of the unit, including the complex equipment and additional diagnostic tools and covers all peripheral but important topics, from admission to discharge, legal and ethical issues to unit organization and specific clinical procedures.
2008 564pp 42 line figures 64 halftones 228 tables
978-0-521-86910-2 HB £56.00
Core Topics in Perioperative Medicine
978-0-521-73068-6 PB £29.99
Core Topics in Cardiac Anaesthesia
978-0-521-86841-9 HB £53.00

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New
Pain Management in Interventional Radiology
Edited by Charles E. Ray, Jr.
Denver Health Medical Center
This book provides an overview of the multiple techniques used in the management of pain in interventional radiology suites. Topics include techniques for the treatment and prevention of pain caused by interventional procedures, as well as minimally invasive techniques used to treat patients with chronic pain symptoms.
Approximately half of the book is dedicated to the diagnosis and treatment of spinal pain; other chapters focus on intraprocedural and post-procedural pain management, embolization and ablation techniques used to treat patients with uncontrollable pain, and alternative treatments for pain relief.
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Key Concepts for the FRCA
Matthew E. Cross
Queen Alexandra Hospital
Emma V. E. Plunkett
St Mary’s Hospital, Manchester
The FRCA examination relies in part on a sound understanding of the basic science behind anaesthetic practice. It is important to be able to describe these principles clearly, particularly in the viva section of the examination. This book provides all the important graphs, definitions and equations which may be covered in the examination, together with clear and concise explanations of how to present them to the examiner and why they are important. Particular attention is paid to teaching the reader how to draw the graphs, which is an aspect of the examination that can be overlooked, but if done well can create a much better impression in the viva situation.
➤ Highly illustrated with clear explanation of key principles
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The Anaesthesia Science Viva Book
Second edition
Simon Bricker
Countess of Chester Hospital, UK
In recent years the basic science viva of the Final FRCA has developed a more clinical perspective. The new edition incorporates this new emphasis, giving candidates an insight into the way the viva works and offering general guidance on exam technique.
2008 442pp 15 halftones
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Sylvia Dolenska
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John Urquhart
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‘... a useful revision manual for primary examination candidates.’
ANESTHESIA AND INTENSIVE CARE
2002
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All from the Maelor Hospital, Wrexham
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Second edition
Simon Bricker
Countess of Chester Hospital, Chester
2002
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