

Physics In Anaesthesia Middleton

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Basic Physics and Measurement in Anaesthesia - P. D. Davis 2015-01-28

As in the previous editions, the authors have clearly defined the principles of clinical measurement. Mathematics are kept to a simple, understandable level with the frequent use of practical examples. Well established at the level between undergraduate teaching and advanced medical physics, this extensively illustrated book is for trainees and examination candidates in anaesthesia and intensive care. Senior nursing, operating theatre and intensive care staff will also find it appropriate.

Single Best Answer MCQs in Anaesthesia - Cyprian Mendonca, 2010-09-01

The single best answer format of questions is invaluable in assessing a trainee's clinical skills and problem-solving abilities. It allows the trainee to demonstrate application of their knowledge to clinical practice. This book comprises six sets of practice papers. Each set contains 30 single best answer questions which cover topics including clinical anaesthesia, pain and intensive care. The questions are based on the recent changes introduced to the written part of the final FRCA examination. The best possible answer to a given clinical scenario is substantiated by a detailed explanation drawn from recent review articles and textbooks in clinical anaesthesia. These questions will enable candidates to assess their clinical knowledge and skills in problem-solving, data interpretation and decision making. This book is essential study material for candidates sitting postgraduate examinations in anaesthesia and intensive care medicine. It is not only an essential guide for trainees but also an invaluable educational resource for all anaesthetists.

Core Topics in Basic Anaesthesia: Prepare for the FRCA - Nicholas Pace 2015-11-20

This eBook is one of 10 carefully selected collections of key articles from the *Anaesthesia and Intensive Care Medicine* journal - a continually updated, evidence-based learning resource, based on the RCOA Curriculum. It is an invaluable guide to essential core topics for those in the early stages of their specialty training, and for when preparing for the FRCA (or similar) exams. It will also prove an invaluable, authoritative refresher for life-long learning and CPD. Related MCQs are included to test your understanding.

Physics, Pharmacology and Physiology for Anaesthetists - Matthew E. Cross 2014-03-06

A quick reference to basic science for anaesthetists, containing all the key information needed for FRCA exams.

Tree of Salvation - G. Ronald Murphy 2013-11

G. Ronald Murphy offers an insightful examination of the lasting significance of Yggdrasil in northern Europe, showing that the tree's image persisted not simply through its absorption into descriptions of Christ's crucifix, but through recognition by the newly converted Christians of the truth of their new religion in the images of their older faith.

Anaesthesia and Intensive Care A-Z E-Book - Steven M. Yentis 2013-04-22

Building on the success of previous editions, *Anaesthesia and Intensive Care A-Z* (Fifth edition) remains the most comprehensive single volume source of relevant aspects of pharmacology, physiology, anatomy, physics, statistics, medicine, surgery, general anaesthetic practice, intensive care, equipment, and the history of anaesthesia and intensive care. Originally prepared as essential reading for candidates for the Fellowship of the Royal College of Anaesthetists and similar exams, this fully updated edition will also prove as invaluable as ever for all anaesthetists and critical care physicians, as well as operating department practitioners and specialist nurses. All entries have been

carefully reviewed and new ones added to reflect the latest advances and the evolving field breadth. This edition includes a structured checklist of entries, ordered by curriculum core topic area, as an additional new aid for those planning their revision. Building on the success of previous editions, *Anaesthesia and Intensive Care A-Z* (Fifth edition) remains the most comprehensive single volume source of relevant aspects of pharmacology, physiology, anatomy, physics, statistics, medicine, surgery, general anaesthetic practice, intensive care, equipment, and the history of anaesthesia and intensive care. Originally prepared as essential reading for candidates for the Fellowship of the Royal College of Anaesthetists and similar exams, this fully updated edition will also prove as invaluable as ever for all anaesthetists and critical care physicians, as well as operating department practitioners and specialist nurses. All entries have been carefully reviewed and new ones added to reflect the latest advances and the evolving field breadth. This edition includes a structured checklist of entries, ordered by curriculum core topic area, as an additional new aid for those planning their revision.

Additional line diagrams further enhance topic descriptions. Contains a wide expansion of new entries and revisions of existing ones to reflect ongoing advances in the field. New exam preparation checklist ordered by core topics, for more effective use of revision time and enhanced confidence.

The Oxford Handbook of European History, 1914-1945 - Nicholas Doumanis 2016

The period spanning the two World Wars was unquestionably the most catastrophic in Europe's history. Despite such undeniably progressive developments as the radical expansion of women's suffrage and rising health standards, the era was dominated by political violence and chronic instability. Its symbols were Verdun, Guernica, and Auschwitz. By the end of this dark period, tens of millions of Europeans had been killed and more still had been displaced and permanently traumatized. If the nineteenth century gave Europeans cause to regard the future with a sense of optimism, the early twentieth century had them anticipating the destruction of civilization. The fact that so many revolutions, regime changes, dictatorships, mass killings, and civil wars took place within such a compressed time frame suggests that Europe experienced a general crisis. Indeed in the early 1940s both Charles de Gaulle and Winston Churchill referred to a 'thirty years war'. Why did so many crises rage across the continent from 1914 until the end of the Second World War? Why did the winds of destruction affect some regions more than others? *The Oxford Handbook of European History, 1914-1945* reconsiders the most significant features of this calamitous age from a transnational perspective. It demonstrates the degree to which national experiences were intertwined with those of other nations, and how each crisis was implicated in wider regional, continental, and global developments. Readers will find innovative and stimulating chapters on various political, social, and economic subjects by some of the leading scholars working on modern European history today.

Veterinary Anaesthesia E-Book - Kathy W. Clarke 2013-06-28

This is a fully revised new edition of this essential text covering anaesthesia and analgesia in all large and small animal species. The new edition has greatly expanded sections on anaesthesia of exotic species such as small mammals, llamas, camels and many more, and also has a new section on anaesthesia of wild animals, both large and small, and birds. The book is divided into 3 sections; the first, *Principles and Procedures* covers

pharmacology and pharmacokinetics, monitoring, sedation and premedication and much more. The second section comprises chapters on anaesthesia in all the main species and the third section covers anaesthesia in special cases, complications and crises ! Almost 200 prints and line illustrations enhance the comprehensive text, and make the new edition of *Veterinary Anaesthesia 10/e* an essential purchase for all vets ! all large and small animal species covered in one book: includes new advances in anaesthesia in horses, birds, lab animals and wild animals glossary of USA and UK drug names: up-dated coverage of all new anaesthetic agents in Europe and the USA first section covers principles of drug action, pharmacokinetics and pharmacodynamics the only book to discuss anaesthesia of individual species in detail: lot of info on anaesthesia of goats, sheep and other herbivores such as camels and llamas also covers analgesia in all species chapter on special cases such as anaesthesia in obstetrics chapter on anaesthetic accidents and crises ! the new edition will be made more student-friendly by adding special boxes in the text which will be relevant for this group. Full revision and update of content

Close Listening - Charles Bernstein 1998-04-30

Close Listening brings together seventeen strikingly original essays, especially written for this volume, on the poetry reading, the sound of poetry, and the visual performance of poetry. While the performance of poetry is as old as poetry itself, critical attention to modern and postmodern poetry performance has been surprisingly slight. This volume, featuring work by critics and poets such as Marjorie Perloff, Susan Stewart, Johanna Drucker, Dennis Tedlock, and Susan Howe, is the first comprehensive introduction to the ways in which twentieth-century poetry has been practiced as a performance art. From the performance styles of individual poets and types of poetry to the relation of sound to meaning, from historical and social approaches to poetry readings to new imaginations of prosody, the entries gathered here investigate a compelling range of topics for anyone interested in poetry. Taken together, these essays encourage new forms of "close listenings"--not only to the printed text of poems but also to tapes, performances, and other expressions of the sounded and visualized word. The time is right for such a volume: with readings, spoken word events, and the Web gaining an increasing audience for poetry, Close Listening opens a number of new avenues for the critical discussion of the sound and performance of poetry.

Drugs in Cancer Care - Rachel Midgley 2013-06-06

The treatment of cancer has undergone dramatic evolutions in the past two decades and the provision of holistic care by a multidisciplinary team of specialists is emerging as the cornerstone of recent improvements in outcome. Accompanying this multidisciplinary approach is the increasing complexity of therapeutic agents and modalities utilized. *Drugs in Cancer Care* is a succinct, practical and user-friendly guide to commonly used drugs and non-surgical therapeutic modalities in oncology. This detailed yet concise handbook contains over 90 monographs of cancer care providing the information needed to deliver chemotherapy with safety and precision, including information on mechanism of action, clinical pharmacology, side effect profile, tumour indications, combination treatment and how to respond to the hepato-renal impairment seen in many patients with advanced cancer. In an easy to use A-Z format this handbook will appeal to a variety of healthcare professional involved in the provision of cancer care and medicine information and will become an essential and well-thumbed item in every oncologist's toolkit.

The Primary FRCA Structured Oral Exam Guide 1 - Lara Wijayasiri 2017-05-12

The Primary FRCA Structured Oral Examination Study Guide 1 is the definitive revision aid to the Primary FRCA structured oral examination. This second edition is revised and updated in line with the new Royal College of Anaesthetists 'Guide to the Primary FRCA', with over 20 new topics to reflect changes to the RCoA's model questions and major revisions to graphs, diagrams and many of the pre-existing sections. Packed with new guidelines and current hot topics, this first volume covers physiology and physics. The nearly 50 physiology topics covered include lung function, hypoxia, acid-base balance, pain pathways, oxygen transport, cerebral blood flow and more. Nearly 30 physics topics are covered including gas laws,

oxygen measurement, cardiac output monitoring, safety features of the anaesthetic machine, resuscitation bags and valves, depth of anaesthesia monitoring and more. The second edition of this hugely popular book is improved in clarity and content but stays true to the pragmatic approach adopted by the authors in the first edition.

Primary FRCA in a Box, Second Edition - Sarah Armstrong 2019-01-15

Primary FRCA in a Box 2e contains over 200 revision flashcards addressing all the topics needed to pass the Primary FRCA. The key subject areas of physiology, pharmacology, physics, and anatomy are covered in easy-to-learn note format. Illustrations aid understanding making this particularly suited to the viva examination. Using standard question formats from the Royal College exams, Primary FRCA in a Box 2e is an essential tool for effective revision and preparation for the Primary FRCA exams. Recommended for all qualified and trainee anaesthetists and their trainers, and related health professionals.

Basic and Advanced Sciences for Anaesthetic Practice: Prepare for the FRCA - Nicholas Pace 2015-11-16

This eBook is one of 10 carefully selected collections of key articles from the *Anaesthesia and Intensive Care Medicine* journal - a continually updated, evidence-based learning resource, based on the RCOA Curriculum. It is ideal for trainees preparing for the FRCA (or similar) exams. It will also prove an invaluable, authoritative refresher for life-long learning and CPD. Related MCQs are included to test your understanding.

Primary FRCA: OSCEs in Anaesthesia - William Simpson 2013-06-13

An up-to-date and comprehensive revision guide specifically for the primary FRCA OSCE written from the perspective of an anaesthetic trainee.

Darjeeling Reconsidered - Townsend Middleton 2018-04-26

Darjeeling occupies a special place in the South Asian imaginary with its Himalayan vistas, lush tea gardens, and brisk mountain air. Thousands of tourists, domestic and international, annually flock to the hills to taste their world-renowned tea and soak up the colonial nostalgia. *Darjeeling Reconsidered* rethinks Darjeeling's status in the postcolonial imagination. Mobilizing diverse disciplinary approaches from the social sciences and humanities, this definitive collection of essays sheds fresh light on the region's past and offers critical insight into the issues facing its people today. While the historical analyses provide alternative readings of the systems of governance, labour, and migration that shaped Darjeeling, the ethnographic chapters present accounts of dynamics that define life in twenty-first century Darjeeling, including the Gorkhaland Movement, Fair Trade tea, indigenous and subnationalist struggle, gendered inequality, ecological transformation, and resource scarcity. The volume figures Darjeeling as a vital site for South Asian and postcolonial studies and calls for a timely reexamination of the legend and hard realities of this oft-romanticized region.

Physics in Anaesthesia - Ben Middleton 2012

Provides an overview of applications of physics in anaesthesia, including examples and key definitions. -- Back cover.

High Culture - Christopher Hugh Partridge 2018

Le site de l'éditeur indique : "Throughout history, humans have always been fascinated by drugs and altered states. Despite the risk of addiction, many have used drugs as technologies to induce moments of meaning-making transcendence. This book traces the quest for transcendence and meaning through drugs in the modern West. Starting with the Romantic fascination with opium, it goes on to chronicle the discovery of anesthetics, psychiatric and religious interest in hashish, the bewitching power of mescaline and hallucinogenic fungi, as well as the more recent uses of LSD. It fills a major gap in our understanding of contemporary alternative and in the study of countercultures and popular culture. Today we are seeing increased social and scientific attention to both the positive and the negative effects of psychoactive drugs, particularly following the legalization of marijuana for medicinal and/or recreational use in some US states, as well as court cases involving the sacramental use of drugs. This fascinating and wide-ranging exploration of the controversial relationship between drugs and spirituality could not be more timely."

Basic Physics and Measurement in Anaesthesia - G. D. Parbrook 1990

The Great Depression of the 1930s - Nicholas Crafts 2013-02-28

Understanding the Great Depression has never been more relevant than in today's economic crisis. This edited collection provides an authoritative introduction to the Great Depression as it affected the advanced countries in the 1930s. The contributions are by acknowledged experts in the field and cover in detail the experiences of Britain, Germany, and, the United States, while also seeing the depression as an international disaster. The crisis entailed the collapse of the international monetary system, sovereign default, and banking crises in many countries in the context of the most severe downturn in western economic history. The responses included protectionism, regulation, fiscal and monetary stimulus, and the New Deal. The relevance to current problems facing Europe and the United States is apparent. The chapters are written at a level which will be comprehensible to advanced undergraduates in economics and history while also being a valuable source of reference for policy makers grappling with the current economic crisis. The book will be of interest to modern macroeconomists and students of interwar history alike and seeks to bring the results of modern research in economic history to a wide audience. The focus is not only on explaining how the Great Depression happened but also on understanding what eventually led to the recovery from the crisis. A key feature is that every chapter has a full list of bibliographical references which can be a platform for further study.

Khan's Lectures: Handbook of the Physics of Radiation Therapy - Faiz M. Khan 2012-03-28

Khan's Lectures: Handbook of the Physics of Radiation Therapy will provide a digest of the material contained in The Physics of Radiation Therapy. Lectures will be presented somewhat similar to a PowerPoint format, discussing key points of individual chapters. Selected diagrams from the textbook will be used to initiate the discussion. New illustrations will be used, wherever needed, to enhance the understanding of important concepts. Discussion will be condensed and often bulleted. Theoretical details will be referred to the textbook and the cited literature. A problem set (practice questions) will be provided at the end of each chapter topic.

The Universal Force - Louis Girifalco 2008

This book describes the growth of our understanding of gravity and the science on which it is based, from the early Greeks to Einstein's grand insights of curved space-time. Showing that science searches for the ultimate roots of natural phenomena and therefore pursues a kind of mysticism, the mysteries it unfolds are strange and enthralling.

An Epitome of the History of Medicine - Roswell Park 1897

Pharmacology for Anaesthesia and Intensive Care - Tom E. Peck 2008-01-31

The third edition of this market leading book has been thoroughly updated and expanded, with additional contributions from experts in the field, to include all new drugs available to the anaesthetist and intensive care specialist. Basic pharmacological principles, vital to understanding how individual drugs actually have their effects, are dealt with methodically and with many highly annotated diagrams and tables. With hospital infections becoming increasingly prevalent, the important section on antibiotics has been further expanded. With the third edition, this well established title continues to provide its readers with the most concise yet comprehensive coverage of all aspects of pharmacology. An ideal aid to study and practice for junior and trainee anaesthetists, critical care nurses and all physicians and healthcare professionals working in theatre, accident and emergency departments or intensive care units.

Good Research Practice in Non-Clinical Pharmacology and Biomedicine - Anton Bepalov 2020-01-01

This open access book, published under a CC BY 4.0 license in the Pubmed indexed book series Handbook of Experimental Pharmacology, provides up-to-date information on best practice to improve experimental design and quality of research in non-clinical pharmacology and biomedicine.

Neuropathic Pain - Jianguo Cheng 2019-01-21

Neuropathic pain is one of the most common, most debilitating, most costly, and most difficult to treat categories of chronic pain conditions that are characterized by a lesion or disease of the somatosensory nervous system.

Managing neuropathic pain is challenging and requires skillful assessment and comprehensive and integrated treatment strategies that are mechanism-guided, evidence-based, and individualized. However, these critical and integral elements are very fragmented in the current literature. The mechanistic understanding of neuropathic pain is typically found in basic research articles. Clinical research evidence is presented in forms of clinical trials with emphasis on minimizing biases such as those from patient selection and assessment. Individualized considerations for each patient are usually presented in case reports and problem-based learning discussions. This book overcomes these barriers and integrates all the critical elements around individual patient care into a coherent management strategy that is practical and applicable to daily clinical practice. Rather than compiling what have been published in the literature, this work emphasizes on identifying and highlighting the key points or findings that guide decision-making in clinical practice. It integrates the key points around a typical case scenario that not only represents the core of the diagnostic and therapeutic processes but also allows introduction and differentiation of painful conditions that bare similarities with the case in hand. The overarching goal is to improve clinical outcomes through better understanding of the mechanisms, more accurate diagnosis, and wiser and more comprehensive treatment strategies.

Smith and Aitkenhead's Textbook of Anaesthesia E-Book - Alan R. Aitkenhead 2013-08-08

Textbook of Anaesthesia has become the book of choice for trainee anaesthetists beginning their career in the specialty. It is highly suitable for part 1 of the Fellowship of the Royal College of Anaesthetists and similar examinations. It is also a practical guide for all anaesthetists and other health care professionals involved in the perioperative period.

Drugs in Anaesthesia and Intensive Care - Edward Scarth 2016-09-17

An essential reference text, the fifth edition of this popular book details drugs in anaesthesia and intensive care in an A-Z format. The book describes the pharmacokinetics and pharmacodynamics of all the drugs commonly used by anaesthetists. The A-Z organisation allows rapid access to specific information on the properties and characteristics of almost 200 drugs. The new edition includes a complete revision of all the featured drugs, and the addition of key new drugs. New diagrams of particular drug structures and comparison tables aid comparison of differences within a drug class for exam revision. Improved navigation in the index enables prompt discoverability of information.

Written in a concise, bullet-point style to allow quick access to information, the book contains all necessary drug references for anaesthetists in training, consultant anaesthetists, intensive care nurses, and anaesthetic assistants.

Physics in Anaesthesia, Second Edition - BEN. PHILLIPS MIDDLETON (JUSTIN. STACEY, SIMON.) 2021-05-21

Physics in Anaesthesia covers the subject in an informative and accessible way from the very basics, catering especially for those who consider themselves non-physicists. This new edition has been comprehensively updated, but the content remains aligned with the FRCA syllabus.

Zoo Animal and Wildlife Immobilization and Anesthesia - Gary West 2014-09-15

Zoo Animal and Wildlife Immobilization and Anesthesia, Second Edition is a fully updated and revised version of the first comprehensive reference on anesthetic techniques in captive and free-ranging wildlife. Now including expanded coverage of avian and aquatic species, this exhaustive resource presents information on the full range of zoo and wildlife species. Covering topics ranging from monitoring and field anesthesia to CPR and euthanasia, the heart of the book is devoted to 53 species-specific chapters providing a wealth of information on little-known and common zoo and wildlife animals alike. In addition to new species chapters, the new edition brings a new focus on pain management, including chronic pain, and more information on species-specific physiology. Chapters on airway management, monitoring, emergency therapeutics, and field procedures are all significantly expanded as well. This update to Zoo Animal and Wildlife Immobilization and Anesthesia is an invaluable addition to the library of all zoo and wildlife veterinarians.

General and Advanced Duties in Anaesthesia: Prepare for the FRCA - Nicholas Pace 2015-11-22

This eBook is one of 9 carefully selected collections of key articles from the Anaesthesia and Intensive Care Medicine journal - a continually updated, evidence-based learning resource, based on the RCOA Curriculum. It will be an invaluable guide throughout the specialty training years and for when preparing for the FRCA (or similar) exams. It will also prove to be a helpful, authoritative refresher for life-long learning and CPD. Related MCQs are included to test your understanding.

Physics in Anaesthesia, second edition - Ben Middleton 2021-06-14

Much of anaesthetic practice is underpinned by physics, yet many struggle when studying the subject. This book has been written with the aim of helping those who have long since parted company with physics. This new edition has been comprehensively updated, but the content remains aligned with the FRCA syllabus, making Physics in Anaesthesia ideal for trainee anaesthetists, as well as for operating department practitioners and anaesthetic nurses. In addition, clinical science and engineering students will appreciate the linking of theory and practice. Physics in Anaesthesia gives a complete and structured overview: Explanations start from first principles Simple everyday examples are used to illustrate core concepts Clinical examples highlight the applications of physics in anaesthesia Worked examples and helpful diagrams develop understanding Completely revised MCQs/SBAs now available online with hints and tips, plus answers

Sport, Exercise and Performance Psychology - Edson Filho 2021

This book presents 125 critical research questions to advance the field of sports, exercise, and performance psychology, with 5 must-read papers per chapter. With contributions from expert researchers in their respective areas, this book focuses on performance and learning, health and wellbeing, and cultural and professional considerations.

Essentials of Anaesthetic Equipment E-Book - Baha Al-Shaikh 2013-03-05

Prepared by authors based in the UK, this highly practical, illustrated guide continues to provide an up-to-date introduction to anaesthetic equipment and its use in clinical practice. An invaluable resource for all those who work with anaesthetic equipment, including anaesthetists studying for the FRCA examinations, nurses and operating department practitioners, this new edition has been completely updated to reflect current equipment and training requirements. Lavishly illustrated throughout with colour photos and clearly-drawn line illustrations, Essentials of Anaesthetic Equipment, third edition, retains the superbly organized and easy-to-read format that has made the previous two editions such a success. The same portable size is retained for the new edition An ideal book for the busy trainee or practitioner to carry around the hospital and 'dip into' when the opportunity presents A selection of MCQs is included at the end of each chapter providing an opportunity for the reader to test their knowledge - an ideal aid to exam preparation Highly illustrated with colour photographs and diagrams throughout to aid recognition in the clinical environment and demonstrates essential points Standardised format used for each piece of equipment: components, mechanism of action, problems in practice and safety features Summary boxes in every chapter highlighting key points and safety considerations help the reader remember key information and breaks down the text into manageable chunks. Especially helpful when preparing for exams Equipment checklists include essential information that all users of anaesthetic equipment need to know The content for the new edition reflects more closely the current FRCA syllabus New section on latex allergy Illustrations of now-obsolete equipment replaced with the latest models in use Discussion of bispectral monitoring now included Chapter on electrical safety expanded Chapter on sterilisation and cleaning added Rapid infusion devices discussed

Oxford Textbook of Fundamentals of Surgery - William E. G. Thomas 2016-07-28

A definitive, accessible, and reliable resource which provides a solid foundation of the knowledge and basic science needed to hone all of the core surgical skills used in surgical settings. Presented in a clear and accessible way it addresses the cross-specialty aspects of surgery applicable to all trainees.

Understanding Anesthetic Equipment & Procedures - Dwarkadas K Baheti 2021-10-31

Equipment in Anaesthesia and Critical Care - Daniel Aston 2013

A knowledge of anesthetic equipment is essential for every part of the anesthesia exam. Equipment in Anaesthesia, written by authors who recently qualified, is perfect exam preparation for anesthesia trainees as it contains all the information needed in a handy revision format.

Dr Podcast Scripts for the Primary FRCA - Rebecca A. Leslie 2011-05-05

Dr Podcast (www.dr-podcast.com) is a great way to revise for the FRCA exams and has been met with widespread enthusiasm from candidates. It provides podcasts of questions and model answers with no redundant material. Dr Podcast scripts are now available in print format. Containing the scripts of all 90 individual podcasts from the Dr Podcast Primary FRCA collection, they also include diagrams the reader can draw to explain their answers. They cover the entire syllabus for the Primary FRCA, allowing the readers to experience the style of the questions likely to be asked and providing tips on how to excel in the exam. Each podcast is written by a successful candidate who has insight and experience of the exam, and all material has been reviewed by experienced consultants with detailed knowledge of the educational standards. For those preparing for the Primary FRCA exams, Dr Podcast scripts are a must.

Understanding Anesthetic Equipment & Procedures: A Practical Approach - Dwarkadas K Baheti 2014-10-31

Practical guide to equipment and procedures used in anaesthesia. Includes DVD-ROM demonstrating techniques.

Graphic Anaesthesia - Tim Hooper 2015-09-21

Graphic Anaesthesia is a compendium of the diagrams, graphs, equations and tables needed in anaesthetic practice. Each page covers a separate topic to aid rapid review and assimilation. The relevant illustration, equation or table is presented alongside a short description of the fundamental principles of the topic and with clinical applications where appropriate. All illustrations have been drawn using a simple colour palette to allow them to be easily reproduced in an exam setting. The book includes sections covering: physiology pharmacodynamics and kinetics physics equipment anatomy drugs clinical measurement statistics. By combining all the illustrations, equations and tables with concise, clinically relevant explanations, Graphic Anaesthesia is therefore: the ideal revision book for all anaesthetists in training a valuable aide-memoire for senior anaesthetists to use when teaching and examining trainees. From reviews: "Graphic Anaesthesia is a well-written, easy-to-read book, ideal for trainees studying for primary FRCA examinations... It will be an ideal companion for preparing for exams." Ulster Medical Journal, May 2016 "Graphic Anaesthesia is an excellent revision tool that allows trainees approaching exams to prepare in an efficient and simple format. It is a refreshing and unique resource that should be included on any essential revision reading list." European Journal of Anaesthesiology 2016; 33: 610. "The diagrams are very clear, the explanations accurate and concise and to pack 245 items into a small reference book is no mean feat... Each diagram is drawn in just four colours to enable them to be reproduced easily from memory. This intuitive approach was an eye-opener to me and a valuable lesson in simplicity without losing any essential detail. This is something from which many educators could learn and indeed transfer that skill... This is a quality book that could be a useful investment across the spectrum of practitioners involved in anaesthesia and the teaching of anaesthesia." Journal of Perioperative Practice March 2017, volume 27, issue 3

Oxford Handbook of Perioperative Practice - Suzanne J. Hughes 2023-01-05

Filled with clinical information and practical advice, this second edition of the Oxford Handbook of Perioperative Practice has been substantially updated to reflect changes in the field. Taking a logical sequence to follow the journey of the patient from anaesthesia to surgery, then on to the post-anaesthetic recovery area, it provides guidance on all aspect of patient care and support. Specialty surgery, such as bariatric surgery, has been included in a new chapter to cover developments in the field and the increase in NHS provision of these services since the first edition was published. This has been reflected in covering the pre-surgical requirements to newer types of surgery, including psychological interventions and implications for practitioners who need to cover anaesthetics, surgery, and post-anaesthetic care separately. With

easy to access information about essential information and various medical conditions, this volume has been written by expert teaching staff and

clinicians who work within the speciality. Unique and indispensable, this book gives a wealth of practical information at your fingertips.