

ALTERNATIVE MEDICINE / CHINESE MEDICINE

TEXTBOOK OF TRADITIONAL CHINESE MEDICINE

Textbook

edited by **Chun-Su Yuan** (University of Chicago, USA), **Stevenson Xutian** (The Chinese Herbal Medicine Center, USA & Canadian Institute of Complementary & Alternative Medicine Research, Canada), **Shusheng Tai** (Canadian Institute of Complementary & Alternative Medicine Research, Canada & Cross Cancer Institute, Canada) & **Jiulin Wang** (Grant MacEwan College, USA)

For over two thousand years, Traditional Chinese Medicine (TCM) has made many significant contributions to China's growth and prosperity. This textbook, based on the unique characteristics of TCM, discusses its principle theories and presents a comprehensive daily practice guide for health maintenance and disease treatment.

Readership: All TCM teachers, students, researchers, practitioners, advanced undergraduates and graduate students in Chinese medicine, and acupuncture. Individuals in the following fields: medicine, psychology, psychopathology, life and health sciences, philosophy, humanities, sociology, education, and anthropology. Members of the laypublic.

800pp	Winter 2011
978-981-4293-81-5	US\$140 £96
978-981-4293-82-2(pbk)	US\$77 £53

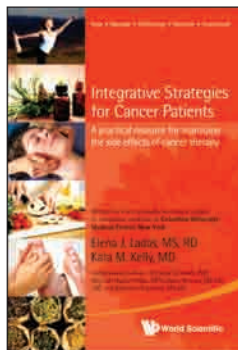
Study Guide

INTEGRATIVE STRATEGIES FOR CANCER PATIENTS

A Practical Resource for Managing the Side Effects of Cancer Therapy

edited by **Elena J Ladas & Kara M Kelly** (Columbia University, USA)

Integrative Strategies for Cancer Patients is the definitive resource on the benefits of integrative therapies during cancer treatment. The book does not need to be read cover to cover to learn about integrative medicine. Instead it is meant to be a reference handbook for managing the most common side effects afflicting patients with cancer. *Integrative Strategies for Cancer Patients* provides hands-on guidance with illustrations demonstrating how to use complementary/alternative therapies during cancer treatment.



Readership: Oncologists, alternative medicine practitioners, healthcare providers, cancer patients and their caregivers, general public.

250pp	Fall 2011
978-981-4313-23-0(pbk)	US\$44 £30

Annals of Traditional Chinese Medicine - Vol. 5

EVIDENCE-BASED ACUPUNCTURE

by **Ping-Chung Leung** (The Chinese University of Hong Kong, Hong Kong)

This is a user-friendly book for all professionals practicing acupuncture. The contents consist of all the popular areas of clinical application viz. pain control and neuromuscular training. Each chapter is composed of two parts: clinical evidences as previously recorded in literature and personal experiences of the author. Acupuncture practice requires a thorough knowledge of the treatment choices relevant to particular conditions, as well as their modifications.

Readership: Acupuncturists, practitioners, students in Chinese Medicine, physiotherapists, dentists.

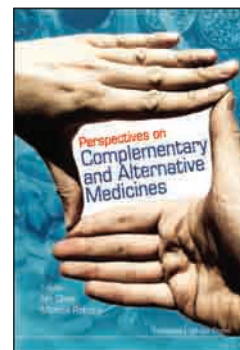
200pp	Fall 2011
978-981-4324-17-5	US\$85 £53
978-981-4324-18-2(ebook)	US\$111

PERSPECTIVES ON COMPLEMENTARY AND ALTERNATIVE MEDICINES

edited by **Ian N Oliver** (Cancer Council Australia and University of Sydney, Australia) & **Monica Robotin** (Cancer Council NSW and University of Sydney, Australia)

This book provides a full range of perspectives on CAMS from patients and CAMS practitioners to conventional doctors who oppose the use of these alternative treatments because of the lack of evidence of efficacy and safety. Then there are the CAMS researchers, educators and regulators who view CAMS from different perspectives. The broad array of opinions build a complete picture of the issues for discerning readers to be adequately informed to make up their minds and draw their own conclusions.

Readership: Conventional practitioners and allied health professionals.



400pp	Fall 2011
978-1-84816-556-4	US\$102 £70
978-1-84816-557-1(ebook)	US\$133

Annals of Traditional Chinese Medicine - Vol. 4

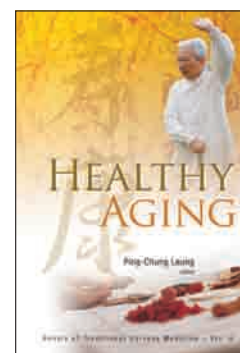
HEALTHY AGING

edited by **Ping-Chung Leung**

(The Chinese University of Hong Kong, Hong Kong)

This book defines aging, approaching from the perspective of the frontier bioscientist as well as that of the traditional practitioner. On the international front, Oriental practices are extensively recommended, including herbal supplements and specific training exercises. This book, compiled with the aim of offering solutions to healthy aging, provides an excellent reference for both the elderly and their caregivers.

Readership: Public health specialists; Traditional Chinese Medicine practitioners, Chinese medicine educators, clinical and basic Chinese medicine researchers and health science students.



284pp	Winter 2010
978-981-4317-71-9	US\$108 £67
978-981-4317-72-6(ebook)	US\$140

CARDIOLOGY

HEART REGENERATION

Stem Cells and Beyond

edited by **Felix B Engel** (Max Planck Institute for Heart & Lung Research., Germany)

This book presents the major advances of the last decade in the field of cardiac regeneration. These recent advances include: demonstration that zebrafish, a genetically tractable system, can regenerate heart; the identification of several new stem cell populations in the heart; demonstration that stem cells can be used to improve heart function; and demonstration that induction of cardiomyocyte proliferation is a realistic future option to repair injured hearts.

Readership: Scientists in the field of regenerative biology as well as clinicians and cardiologists. It is also a suitable reading material for graduate students.

200pp	Fall 2011
978-981-4299-80-0	US\$88 £61
978-981-4299-81-7(ebook)	US\$114

GASTROENTEROLOGY

HEPATITIS VIRUSES AND HEPATOCELLULAR CARCINOMA

edited by **Ding-Shinn Chen** (*National Taiwan University, Taiwan*)

The role of hepatitis B and C in causing hepatocellular carcinoma has been made clear in the last 20–30 years by clinical, basic, and epidemiological studies. Recent research has also explored the prevention of hepatocellular carcinoma through the control of chronic hepatitis B or C viral infection. This review volume covers in detail the various aspects of hepatitis viruses in relation to hepatocellular carcinoma, ranging from the epidemiology of the disease to its prevention and treatment. Readers will thus gain a complete, well-informed knowledge of this increasingly prevalent disease.

Readership: Graduate students, researchers, and professionals in the fields of gastroenterology, infectious diseases, microbiology, virology, oncology, and cancer research.

500pp Winter 2011
978-981-283-778-3 US\$110 £73
978-981-283-779-0(ebook) US\$143

HAEMATOLOGY

HEMATOLOGICAL MALIGNANCIES IN CHILDREN, ADOLESCENTS AND YOUNG ADULTS

edited by **Mitchell S Cairo** (*Columbia University, USA*) & **Sherrie L Perkins** (*The University of Utah, USA*)

Bringing together intellectual and scientific experts from pediatrics, adolescent medicine, general medicine, pathology, biology, nursing and psychology, this book is the first of its kind to cover the topics of leukemias and lymphomas in young patients ranging from infants to young adults. The content is organized and subdivided into four major sections — under the main headings of General Considerations, Pathobiology, Clinical Manifestations and Treatment, and Supportive Care and Complications — for ease of reference to readers. *Hematological Malignancies in Children, Adolescents and Young Adults* presents a comprehensive multidisciplinary review of the field of hematological malignancies and brings forth illuminating perspectives from an internationally recognized group of leading authorities in the field.

Readership: Health professionals in pediatric oncology/hematology, pediatricians, cancer biologists, hematopathologists and medical residents.

500pp Winter 2011
978-981-4299-60-2 US\$135 £93
978-981-4299-61-9(ebook) US\$176

ERYTHROCYTES

Physiology and Pathophysiology
edited by **Florian Lang & Michael Föller**
(*University of Tübingen, Germany*)

The book covers the functional significance and properties of erythrocytes, their generation, senescence, and suicidal death. It further summarizes knowledge about hormones influencing erythrocyte formation including erythropoietin as well as disorders affecting and involving erythrocytes such as anemia, malaria, and sepsis.

This seminal work forms a unique reference on the most abundant cell type in mammals and will be an invaluable resource for students in the life sciences.

Readership: Students and undergraduates in biology, researchers and professionals involved in clinical hematology, malaria or any erythrocyte related research.

200pp Winter 2011
978-1-84816-619-6 US\$98 £61
978-1-84816-621-9(ebook) US\$127

IMMUNOLOGY

FIBROCYTES IN HEALTH AND DISEASE

edited by **Richard Bucala** (*Yale University, USA*)

This volume provides a comprehensive and multidisciplinary overview of fibrocytes, written by the main researchers in the field. It is aimed at a broad audience of scientists and clinicians with an interest in the role of circulating fibrocytes in the etiopathogenesis of different fibrosing disorders, atherosclerosis, autoimmunity, and cancer.

Readership: Student, professional, graduate, research, clinical specialists.

400pp Winter 2011
978-981-4343-71-8 US\$130 £85
978-981-4343-72-5(ebook) US\$169

THE MIF HANDBOOK

edited by **Richard Bucala** (*Yale University School of Medicine, USA*)

A comprehensive and up-to-date handbook of the biology, biochemistry, and pathophysiology of MIF. The role of the cytokine, macrophage migration inhibitory factor (MIF), in the immune response and in the immunopathogenesis of different inflammatory, autoimmune, and infectious disorders is now well established. The aim of this handbook is to provide an authoritative volume covering all aspects of MIF, from basic molecular biology to structure-function relationships, pathophysiology, genetics, and drug development.

Readership: Basic scientists working in inflammation and immunity as well as cytokine biology; clinically oriented scientists in infectious diseases, clinical immunology, and rheumatology; pharmacologists; drug development groups.

800pp Winter 2011
978-981-4335-35-5 US\$200 £124
978-981-4335-36-2(ebook) US\$260

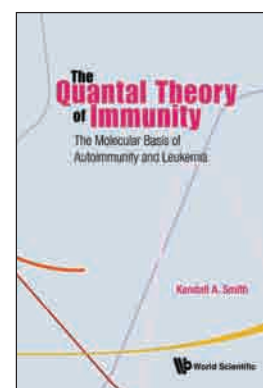
THE QUANTAL THEORY OF IMMUNITY

The Molecular Basis of Autoimmunity and Leukemia
by **Kendall A Smith** (*Cornell University, USA*)

This book explains in detail how the immune system, cells and molecules work for the first time. With this understanding as a basis, the pathogenesis of autoimmunity can now be understood as a mutational usurpation of the genes encoding molecules that participate in a sensitive feedback regulatory control of the immune reaction. By comparison, malignant transformation is understood as a mutational usurpation of the genes encoding the molecules that control the quantal decision to proliferate, so that normal ligand/receptor cell growth control is circumvented.

Readership: Undergraduates, graduate students and academics in medicine (immunology, hematology, HIV/AIDS, oncology and infectious diseases) and life sciences (molecular biology).

244pp Fall 2010
978-981-4271-75-2 US\$88 £61
978-981-4271-76-9(ebook) US\$114



INFECTIOUS DISEASES

THE EPIDEMIOLOGY AND CONTROL OF SEXUALLY TRANSMITTED INFECTIONS

From Theory to Practice

by **Geoffrey P Garnett** (*Imperial College London, UK*)

This book explores the theory behind the epidemiology of sexually transmitted infections (STIs) based on the natural history of infections. A wide variety of STIs are covered, including gonorrhoea, syphilis, chlamydia, chancroid, trichomoniasis, herpes simplex virus, human papilloma virus, and human immunodeficiency virus (HIV). It describes the advances in measuring patterns of sexual contacts within populations as well as the observed relationships between STIs and risk factors at the individual and population levels. It then reviews the available behavioral and biomedical interventions against STIs and the evidence for their efficacy, effectiveness, and impact. These issues are examined using mathematical models derived from population-based surveys of sexual behavior and STIs.

Readership: Researchers, practitioners, and graduate students in the fields of infectious diseases, epidemiology, and public health.

300pp **Winter 2011**
978-1-84816-317-1 **US\$88 £61**
978-1-84816-358-4(ebook) **US\$114**

INTERNAL MEDICINE

Textbook

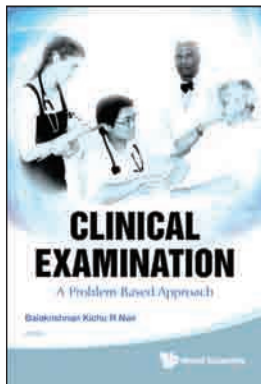
CLINICAL EXAMINATION

A Problem Based Approach

edited by **Balakrishnan Kichu R Nar**

(*University of Newcastle & Hunter New England Health, Australia*)

Contrary to conventional clinical skill textbooks written in a routine, system based approach, "Clinical Examination: A Problem Based Approach" breaks that mould by presenting clinical cases in a problem solving manner. The book is composed of in-depth dissections of case scenarios and their appropriate investigations. Written by experts from Australia, New Zealand, US and the UK, this book brings an international perspective to a wide variety of specialties including, gastroenterology, neurology, rheumatology, respiratory and the cardiovascular system.



Readership: Undergraduates, postgraduates and trainees in internal medicine, MRCP, FRACP.

378pp **Mar 2011**
978-981-4273-91-6 **US\$79 £51**

MEDICAL EDUCATION / MEDICAL LAW & MEDICAL ETHICS

Introductory Series in Medicine - Vol. 1

MODERN SURGERY

Ethical and Legal Issues

edited by **Nadey Hakim, Vassilios Papalois** (*Hammersmith Hospital London, UK*), & **Miran Epstein** (*Queen Mary, University of London, UK*)

Textbook

Contents: History of Medical Ethics; Deontological and Utilitarian Schools of Philosophy; Basic Principles Guiding the Debate of an Ethical Issue; History of the Development of Law in Medical Practice Including the Analysis of Some Hallmark Cases; Regulation of Medical Practice Around the World; Legal Framework Around the World for the Provision of Justice in Issues Related to Medical Practice and Malpractice; Ethical and Legal Issues Specific to Various Areas of Surgical Practice.

Readership: Ethicists, lawyers, clinicians, academics and general public.

500pp **Winter 2011**
978-1-84816-246-4 **US\$112 £77**

THE PICU BOOK

A Primer for Medical Students, Residents and Acute Care Practitioners

edited by **Ronald M Perkin, Irma Fiordalisi & William Novotny** (*East Carolina University, USA*)

Comprehensive, practical and up-to-date information is provided in a user-friendly format that facilitates both learning and care implications. Each topic is analyzed and discussed in a custom-built section to provide both an overview and the necessary detail to help the reader participate in and contribute to patient care. Definitions, etiologies, physical findings, laboratory and radiologic data, differential diagnoses, management, suggested consultations and prognosis are condensed using easy-to-find boxes, bulleted lists, decision trees, tables and illustrations.

Readership: Students or house-officers working in pediatric intensive care unit (PICU); practicing Emergency Department physicians; nurse-practitioners, physician assistants, pediatric respiratory therapists, pediatric critical care nurses or medical professionals interested in understanding the scope of this discipline.

600pp **Winter 2011**
978-981-4329-60-6 **US\$120 £74**
978-981-4329-61-3(ebook) **US\$156**

MICROBIOLOGY / VIROLOGY

FROM THE HALLOWED HALLS OF HERPESVIROLOGY

edited by **John A Blaho** (*Mount Sinai School of Medicine, USA*) & **Joel Baines** (*Cornell University, USA*)

This book contains a series of review chapters from the world's leaders in herpesvirus research. It is designed as a tribute to the famous virologist Prof Bernard Roizman. Former trainees of Prof Roizman were invited to contribute to this volume. The chapters cover all eight of the human herpesviruses, and the topics discussed span the past six decades of this exciting research field.

Readership: Researchers and medical professionals who are working with or need to know more about herpesviruses.

500pp **Fall 2011**
978-981-4338-98-1 **US\$150 £98**
978-981-4338-99-8(ebook) **US\$195**



NEPHROLOGY / RENAL MEDICINE

Textbook

**PROBLEMS AND SOLUTIONS
FOR MRCP NEPHROLOGY**

by Neil Sheerin (Newcastle University, UK)

This book is ideal for candidates taking the examination for membership of the Royal College of Physicians of the United Kingdom (MRCP). The second part of the examination takes the form of a written paper consisting of clinical case analysis and interpretation of data, radiology and pathology. These questions cover all medical specialities.

As part of a series of speciality-specific books for MRCP candidates, this volume focuses on Nephrology (renal medicine) which accounts for 10% of the MRCP exam. It consists of a series of questions dealing with all aspects of this subject, similar to those asked in the MRCP examination. The book offers answers and explanations, which give experience in responding to MRCP questions, as well as providing educational material to enhance learning.

Readership: Medical students taking the UK MRCP examinations.

200pp	Fall 2011
978-1-84816-654-7(pbk)	US\$52 £32

FRONTIERS IN RENAL MEDICINE

edited by Frederick Wai Keung Tam
(Imperial College London, UK)

This book focuses on how basic understanding and research in renal medicine is leading to improved diagnosis and treatment of kidney disease patients. It includes major challenges in practice, such as renal transplantation in ABO incompatible patients, renal replacement therapies in the elderly; and the provision of renal services to the developing world.

Readership: Undergraduate and postgraduate medical students as well as researchers in the field of renal medicine.

400pp	Fall 2011
978-1-84816-570-0	US\$135 £93
978-1-84816-571-7(ebook)	US\$176

PEDIATRIC NEPHROLOGY

A Handbook for Training Health Care Providers
edited by Douglas M Silverstein, Jordan Symons &
Uri Alon (Children's National Medical Center, USA)

The focus of this book is to provide a nephrology reference manual for the developing pediatrician and pediatric nephrologist. Its objective is not only to inform but also to teach — one that inspires thinking in the reader. The contents and level of teaching in the manual are intended for trainees at four different levels: medical student, intern, resident and fellow. Each chapter focuses on a specific topic, followed by several patient cases, and with an answer and discussion of each case.

Readership: Targeted at the trainees: medical students, interns, residents and fellows.

500pp	Fall 2011
978-981-4327-55-8	US\$138 £86
978-981-4327-56-5(ebook)	US\$179

DIALYSIS

History, Development and Promise
edited by Todd S Ing (Loyola University Chicago, USA & Hines Veterans Affairs Hospital, USA), Mohamed Rahman (Alexian Brothers Medical Center) & Carl M Kjellstrand (Loyola University Chicago, USA)

This book describes the past, present and future of dialysis and dialysis-related renal replacement therapies so that the reader can acquire a firm grasp of the medical management of acute and chronic renal failure.

By becoming thoroughly conversant with the past and present of dialysis, a health care professional will be in a much better position to provide the best standard of care to patients suffering from renal failure. As the book highlights the unsolved operational obstacles in the field of renal replacement therapies, future innovators may be inspired to develop novel solutions to tackle these problems. This remarkable work is a must-read not just for health care providers in the dialysis industry, but for patients, dialysis equipment manufacturers as well as pharmaceutical companies.

Readership: Nephrologists, dialysis nurses, dialysis technicians, dialysis-centric scientists and engineers, patients, patients' relatives, dialysis equipment manufacturers, dialysis-related pharmaceutical companies, dialysis-related website operators.

700pp	May 2011
978-981-4289-75-7	US\$111 £76
978-981-4289-76-4(ebook)	US\$144

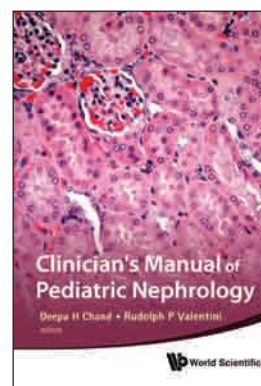
**CLINICIAN'S MANUAL OF PEDIATRIC
NEPHROLOGY**

edited by Deepa H Chand (Akron Children's Hospital, USA) &
Rudolph P Valentini (Children's Hospital of Michigan, USA)

This handbook provides the fundamental information required to make good clinical assessments and management decisions in children with renal disorders. It includes topics that range from general pediatric nephrology disorders encountered by primary care physicians to more complex renal disorders managed by pediatric nephrologists. Common pediatric renal conditions including glomerular and tubular disorders, hypertension, and urologic conditions are addressed. Current topics such as neonatal disorders, chronic kidney disease, and transplantation are also covered. In addition, illustrations, algorithms and tables are utilized to highlight teaching points.

Readership: General pediatric and pediatric nephrology trainees and primary care physicians.

620pp	Apr 2011
978-981-4317-87-0	US\$138 £86
978-981-4317-88-7(ebook)	US\$179



NEUROLOGY / NEUROSCIENCE

HISTORY OF BRITISH NEUROLOGY

by **F Clifford Rose** (*Imperial College School of Medicine, UK*)

Diseases of the nervous system are a relatively small but vitally important part of medicine. There was no scientific basis for diagnosis or treatment until the seventeenth century when Dr Thomas Willis (1621–1675) and his team tackled anatomy by dissection of the nervous system, physiology by animal experiments and pathology by post-mortem analysis. It was Willis who first used the word “neurology” and his team, who were among the founders of the Royal Society, included Christopher Wren who, besides being famous as an architect of London’s churches, drew the first modern diagram of the human brain. Developments in our knowledge of the nervous system in the following centuries, and the unique importance of clinical neurology, became globally recognised through the work of Whytt, Heberden, Hughlings Jackson, Gowers and many others.

Readership: Members of neurological societies all over the world, neurologists, neuroscientists, historians, doctors, medical students, postgraduates and undergraduates.

400pp
978-1-84816-668-4 Fall 2011
US\$88 £55
978-1-84816-669-1(ebook) US\$114

Study Guide**NEUROLOGY FOR MRCP**

The Essential Guide to Neurology for MRCP Part 1, Part 2 and PACES

by **Jonathan D Rohrer & Jonathan Kennedy**
(*UCL Institute of Neurology, Queen Square, UK*)

This book is the essential revision guide for neurology in the Membership of the Royal College of Physicians (MRCP). Neurology has been rated as the most difficult subject in MRCP examinations and there has been no concise and easy-to-use revision guide to help candidates through the exams until now. *Neurology for MRCP* is written by two experienced neurologists who have taught both the written (Part 1 and Part 2) and clinical (PACES) sections of the exam. This pioneering new book will also be useful for medical students sitting for their final examinations and for doctors who are preparing for the PLAB examination.

Readership: Junior doctors sitting for the membership of the Royal College of Physicians (MRCP) and PLAB examinations, trainee neurologists and all junior doctors in training.

100pp
978-1-84816-462-8(pbk) Mar 2011
US\$28 £19

 **Sample Chapters Available**
www.worldscibooks.com/sca_pdf.shtml

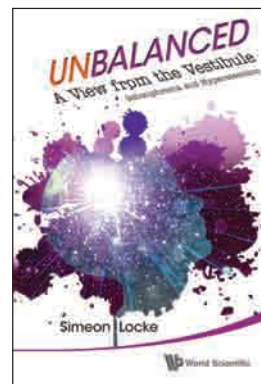
UNBALANCED

A View From the Vestibule — Schizophrenia and Hyperattention
by **Simeon Locke** (*Harvard Medical School, USA*)

In this highly stimulating book, Dr Locke proposes a new basic mechanism to account for many of the findings in schizophrenia. His ideas are based on observations and experiments at a State Psychiatric Hospital where he was the director of a Neurological Unit for ten years. He was struck by an outstanding sign of schizophrenia which had not attracted attention in the classical literature. Schizophrenia patients, he noticed, were too alert, too attentive. If this hyperawareness or widespread unfocussed attention is the result of excessive arousal, Dr Locke reasoned it would make sense to look into the vestibular system which is alleged to be one of the most effective contributions to the ascending reticular activation system.

Readership: Neuroscientists, psychiatrists, mental health professionals and general public.

144pp
978-981-4299-62-6 Feb 2011
US\$64 £42
978-981-4299-63-3(ebook) US\$83

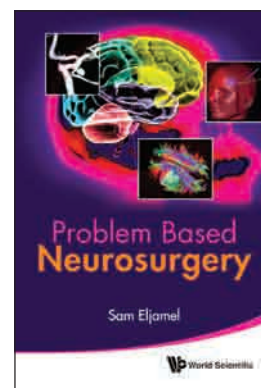
**PROBLEM BASED NEUROSURGERY**

by **Sam Eljamel** (*The University of Dundee, UK*)

Problem Based Neurosurgery is a remarkable fusion of recent advances in neuro-imaging and neurosurgery with modern teaching of integrated system based curricula. It approaches each problem systematically from history, and physical examination to differential diagnosis, investigations and management options. The book captures four decades of advances and experiences in diagnosis and management of patients.

Readership: Undergraduates, postgraduate foundations doctors, fellows, non-specialists, residents, community doctors, and physician assistants.

492pp
978-981-4317-07-8 Jan 2011
US\$133 £92
978-981-4317-08-5(ebook) US\$173

**A PRACTICAL GUIDE TO COMPREHENSIVE STROKE CARE**

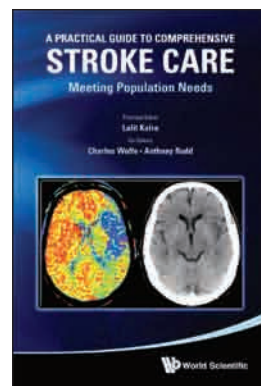
Meeting Population Needs

edited by **Lalit Kalra, Charles Wolfe** (*King's College London, UK*) & **Anthony Rudd** (*Guy's and St Thomas' Hospital, London, UK*)

Each chapter is thematically-linked and provides a complete, up-to-date review of evidence, its implications for clinical practice, proven multidisciplinary models of delivering high quality care, organisation of services for greatest impact within cost constraints and emerging areas for future management of stroke patients.

Readership: Health professionals involved in planning or provision of stroke care, including doctors, nurses, specialists, therapists, health service managers and policy makers.

420pp
978-981-4299-51-0 Dec 2010
US\$139 £90
978-981-4299-52-7(ebook) US\$181



NUCLEAR MEDICINE / RADIOLOGY / MEDICAL IMAGING

TRENDS ON THE ROLE OF PET IN DRUG DEVELOPMENT

edited by Philip H Elsinga, Aren van Waarde, Anne M J Paans & Rudi A J O Dierckx (University Medical Center Groningen, The Netherlands)

Drug development is very expensive and a fight against time. PET offers possibilities to speed up this process by adding unique in vivo information on pharmacokinetics/dynamics of a drug at an early stage. This information can help decision makers to move the drug in the drug development process or to decide to stop further developments. This unique and complete book highlights the different ways PET can be used and describes the latest trends in the various disciplines within nuclear medicine to further improve methodologies and increase the number of tools to accelerate drug development. Various topics within tracer development, instrumentation, data analysis and many clinical and preclinical topics are described by leading scientists from industry and academia.

Readership: Radiologists, neurologists, imaging technicians, and researchers and managers within academia and pharmaceutical industry.

600pp Winter 2011
978-981-4317-73-3 US\$138 £86
978-981-4317-74-0(ebook) US\$179

OBSTETRICS & GYNAECOLOGY

A GUIDE TO COMPLEX PREGNANCY MANAGEMENT

by John Yeh & Bruce Rodgers (University at Buffalo, USA)

In contrast to the traditional obstetrics and gynecology textbooks which only offer a cursory view of complicated obstetrics and fetal medicine, *A Guide to Complex Pregnancy Management* fills the wide gap of knowledge in this field by covering the most complex obstetrical conditions that are often encountered. Specially written for medical students, this book aims to prepare students to fully participate in the complex environment of university obstetrical services. It will serve as an adjunct to general text for students undergoing student clerkships, and as a comprehensive text and reference source for those taking electives and sub-internships. In addition, general obstetricians not specializing in complex pregnancy management could also benefit from this book as a reference source for management of patients.

Readership: Medical students studying obstetrics/gynecology and obstetricians.

300pp Winter 2011
978-981-4277-23-5 US\$107 £74
978-981-4277-24-2(ebook) US\$139

Textbook

THEORY OF QUANTITATIVE MAGNETIC RESONANCE IMAGING

by Hernán Jara (Boston University, USA)

qMRI is a rapidly evolving scientific field of high current interest because it has the potential of radically changing the clinical and research practices of magnetic resonance imaging (MRI). This focuses solely on the theoretical aspects of qMRI, which are treated and analyzed at three different spatial scales, specifically: i) the quantum physics scale of individual spins; ii) the semi-classical physics scale of spin packets; and iii) the imaging scale of voxels. Topics are presented paying particular attention to theoretical unification and mathematical uniformity.

Contents: Medical Imaging: Historical Perspective; Imaging Theory; MRI Physics; Quantitative MR.

Readership: Graduate students in physics and biomedical engineering disciplines, engineers and practitioners in biomedical engineering, MRI equipments and image processing industry.

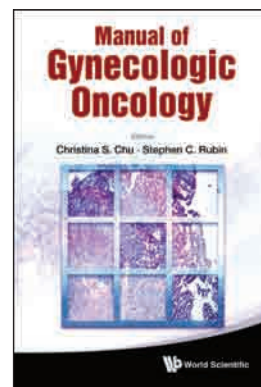
200pp Fall 2011
978-981-4295-23-9 US\$68 £47
978-981-4295-24-6(ebook) US\$88

MANUAL OF GYNECOLOGIC ONCOLOGY

edited by Christina S Chu & Stephen C Rubin (University of Pennsylvania, USA)

Key Features:

- An essential source of reference for students, residents, fellows, and specialist trainees
- This concise manual is a practical and comprehensive review of all major aspects of the field of gynecologic oncology, all compiled in one handy volume
- A unique chapter devoted to management of clinical emergencies in gynecologic oncology



This invaluable manual provides a practical overview of the field of gynecologic oncology. Focusing on clinical aspects of the specialty, it provides hands-on guidance for those caring for patients with ovarian, cervical, uterine, and lower genital tract cancers. It describes the current epidemiology, pathophysiology, presentation, diagnosis, and multimodality management of the most common gynecologic malignancies. Chapters are also devoted to radiation and chemotherapy, as well as symptom management. The book is designed for quick reference.

Readership: Medical students, OBGYN residents, radiation oncology residents, gynecologic oncology fellows, medical oncology fellows, practicing gynecologic oncologists, medical oncologists, and radiation oncologists.

350pp Fall 2011
978-981-4343-69-5 US\$118 £77
978-981-4343-70-1(ebook) US\$153

Textbook

NUCLEAR MEDICINE APPLICATIONS AND THEIR MATHEMATICAL BASIS

by Michael Goris (Stanford University, USA)

This book reviews the principal applications of nuclear medicine, specifically from the viewpoint of the mathematical and physical analyses that support the interpretation. In contradistinction to other approaches, the mathematics does not precede the applications in introductory chapters, but is presented in the application chapters with various degrees of granularity.

Readership: Professionals and postgraduates in the field of nuclear medicine.

250pp Summer 2011
978-981-283-734-9 US\$96 £66
978-981-283-736-3(ebook) US\$125

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ONCOLOGY

EPIDEMIOLOGY OF CHILDHOOD CANCERS

edited by **Philip C Nasca & Colleen C McLaughlin**
(State University of New York, USA)

This is an up-to-date review of the epidemiology of childhood cancers. The text is divided into three parts with Part 1 designed to introduce the reader to the descriptive epidemiology, clinical aspects, and biologic basis of childhood cancers. This section also provides a detailed account of the methodological issues involved in the epidemiologic study of pediatric cancers. Part 2 provides an overview of the epidemiology of the various cancer types affecting children, while Part 3 provides a detailed review of the genetics of childhood cancers and the possible role of various environmental exposures in their etiology. It will also contain a glossary and a list of Internet sites where additional information and data on childhood cancers can be obtained.

Readership: Graduate students in pediatric oncology, cancer researchers and pediatricians.

400pp	Winter 2011
978-981-4295-79-6	US\$122 £84
978-981-4295-80-2(ebook)	US\$159

THE POCKET GUIDE TO NEOPLASM

by **Kamran Ahmed, Hutan Ashrafian** (Imperial College London, UK),
Muhammad Shamim Khan (Guy's Hospital, UK) &
Thanos Athanasiou (Imperial College London, UK)

This is a must-have medical dictionary of common body tumors. Listed in alphabetical order, entries include head and neck tumors, ophthalmic tumors, alimentary tract tumors, respiratory system tumors, tumors of bones and soft tissues, dermatological tumors, genitourinary system tumors (gynecological and urological), and lymphatic system tumors (Hodgkin's & non-Hodgkin's). Details of each cancer type are categorically grouped under a brief introductory note, etiology or risk factors, epidemiology, clinical features (signs and symptoms), diagnostic modalities, staging and grading (TNM), and treatment/management.

Contents: The TNM System; Other Systems for Classification; Histopathological Grading; Description of Tumors in Alphabetical Order; Summary of Tumors in Systematic Order.

Readership: Cancer researchers, oncologists and medical students.

200pp	Fall 2011
978-1-84816-441-3	US\$73 £51
978-1-84816-442-0(ebook)	US\$95

Molecular Medicine and Medicinal Chemistry - Vol. 4

MOLECULAR EXPLOITATION OF APOPTOSIS PATHWAYS IN PROSTATE CANCER

by **Natasha Kyprianou** (University of Kentucky, USA)

This book focuses on the functional significance of targeting apoptosis for the treatment of prostate cancer. New concepts on the challenges relating to the development of resistance by androgen-independent tumors are introduced, in terms of the contribution of anoikis and cross-talk of androgens with key growth factor signaling pathways. This volume also provides insightful discussion on the exploitation of the apoptotic and angiogenic synergism towards complete eradication of prostate tumors. Last but not least, it includes reflections on the drug development challenge based on analysis of data from existing clinical trials.

Readership: Practising clinicians including urologists, pathologists, medical oncologists and scientists with an interest in cancer, especially prostate cancer.

400pp	Fall 2011
978-1-84816-449-9	US\$138 £95
978-1-84816-450-5(ebook)	US\$179

FROM INFLAMMATION TO CANCER

Advances in Diagnosis and Therapy for
Gastrointestinal and Hepatological Diseases
edited by **Chi Hin Cho & Jun Yu** (The Chinese University of
Hong Kong, China)

Inflammation and cancer are two major disorders that cause huge concerns in our society. However, what one may not know is that both diseases are closely associated and, in particular, both occur in the gastrointestinal tract and liver. This book describes the mechanics of how inflammation can progress to cancer in these organs. The authors in this book comprehensively discuss the different biomarkers for early diagnosis, and current therapeutic treatments for these diseases. All of these would allow us to better understand the pathogenesis of both diseases. As such, this book provides comprehensive information concerning the interrelationship between inflammation and cancer in a cohesive manner, and the information derived would benefit not only basic scientists but also clinicians who are working in these fields.

Readership: Both basic and clinical researchers in a variety of fields including cancer, gastroenterology, hepatology, pathology, pharmacology and radiology

400pp	Fall 2011
978-981-4343-59-6	US\$148 £96
978-981-4343-60-2(ebook)	US\$192

OPTICAL DETECTION OF CANCER

edited by **Arlen D Meyers** (University of Colorado Denver, USA)

Significant progress in engineering has allowed the production of devices that can optically detect, differentiate and treat surface or near-surface cancers. The ability to differentiate cancerous from non-cancerous tissue *in vitro* using light represents a potentially significant advance in patient care, eliminating needless repeat procedures. With the help of advanced optical technologies, clinicians are able to identify cancers earlier, determine surgical margins at the time of surgery, and monitor treatment results without using expensive and insensitive imaging.

This volume describes the state-of-the-art optical detection technologies in varying stages of cancer development.

Readership: Researchers and medical professionals who are interested in the biophotonic detection of cancer, including oral surgeons, general surgeons, otolaryngologists, and primary-care physicians.

200pp	Fall 2011
978-981-4295-40-6	US\$90 £62
978-981-4295-41-3(ebook)	US\$117

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CRYOSURGERY FOR CANCER

edited by **Kecheng Xu** (*Chinese Academy of Sciences, China*) & **Nikolai N Korpan** (*Hospital Rudolfinerhaus, Austria*)

From the early 21st century, advanced helium-based cryosurgery has been applied worldwide. More than ten thousand patients with malignant and benign tumors have received cryosurgery. It is specially noted that in most cases cryosurgery, as a mini-invasive ablation technique, was performed with percutaneous approach under guidance of CT or ultrasound. Cryosurgery is now one of the more popular techniques in China, with nearly 6000 cases of tumors receiving cryosurgery in the author's institution alone. This book summarizes the experimental and clinical experience and practice of cryosurgery, and describes the basics of cryosurgery and its use in the treatment of various tumors.

Readership: Oncologists, surgeons, medical professionals interested in the technique of cryosurgery.

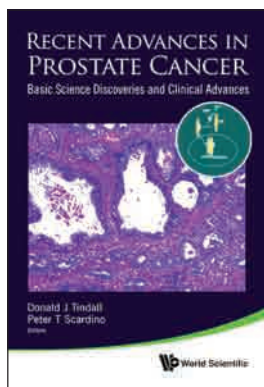
400pp **Fall 2011**
 978-981-4329-65-1 **US\$149 £92**
 978-981-4329-66-8(ebook) **US\$194**

RECENT ADVANCES IN PROSTATE CANCER

Basic Science Discoveries and Clinical Advances
 edited by **Donald J Tindall** (*Mayo Clinic College of Medicine, USA*) & **Peter T Scardino** (*Memorial Sloan-Kettering Cancer Center, USA*)

This book effectively summarizes our knowledge of recent advances in prostate cancer. It focuses on our state-of-the-art understanding of risk factors, prevention, detection, prognosis and treatment of prostate cancer and identifies basic science findings that are being translated into clinical practice.

Readership: Residents in urology; fellows in medical oncology, radiation oncology and cancer research; Urologists; medical oncologists; radiation oncologists; cancer biology research faculty.



500pp **Apr 2011**
 978-981-4329-45-3 **US\$170 £105**
 978-981-4329-46-0(ebook) **US\$221**

OPHTHALMOLOGY

Study Guide

STUDY GUIDE FOR THE FRCOPHTH

by **Sunil Shah & Paul Tomlins** (*Midland Eye Institute, UK*)

This is a comprehensive guide to passing the Fellow of the Royal College of Ophthalmologists (FFRCOphth), providing complete assistance on the exam formats — multiple choice questions (MCQ), extended matching questions (EMQ), objective structured clinical examinations (OSCE) cases and short essays — for each of the major subspecialties in cornea and anterior segment, glaucoma, oculoplastic, orbit, medical retina, vitreoretinal and pediatric ophthalmology. Well documented and supported by useful data and visuals, this study guide is written by experts in the field, adhering to the curriculum and exam structure of the Royal College of Ophthalmologists.

Readership: Postgraduate medical students specialising in ophthalmology as well as optometrists-in-training.

200pp **Fall 2011**
 978-981-4295-36-9(pbk) **US\$59 £39**

Study Guide

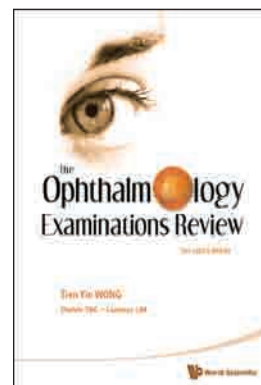
THE OPHTHALMOLOGY EXAMINATIONS REVIEW (Second Edition)

by **Tien Yin Wong** (*National University of Singapore, Singapore & University of Melbourne, Australia*), **Chelvin Sng** (*National University Health System, Singapore*) & **Laurence Lim** (*Singapore National Eye Centre, Singapore*)

In the new edition, topics such as new understanding of disease mechanisms (e.g., genetics of eye diseases), new investigations (e.g., OCT), and novel procedures and treatment (e.g., the use of antivascular endothelial growth factors, new refractive surgical techniques) are covered.

Readership: Final year ophthalmology residents and trainees for both British postgraduate exams and American Boards exams; and junior residents.

532pp **Jan 2011**
 978-981-4304-40-5 **US\$112 £73**
 978-981-4304-41-2(pbk) **US\$54 £35**



ORTHOPAEDICS / PLASTIC SURGERY / BIOMECHANICS

HANDBOOK OF CRANIOMAXILLOFACIAL SURGERY

edited by **James E Zins, Earl Gage, Chad Gordon, Claude-Jean Langevin & Landon Pryor** (*Cleveland Clinic, USA*)

This concise handbook covers a diversity of subjects encompassing the broad spectrum of craniofacial surgery. As a quick reference guide intended for the less experienced craniofacial audience (i.e., the medical students, residents and fellows), fundamental concepts and techniques in craniomaxillofacial surgery are presented and explained for an improved comprehension of this complex topic. In addition, these highly-focused chapters are well aided by high-resolution illustrations, diagrams and tables that enable easy understanding of the basic principles of the more commonly performed operations.

Readership: Medical and dental students, craniofacial surgeons, dentists, ENT/head and neck surgeons, otolaryngologists, craniofacial biologists, bone biologists, facial plastic surgeons, maxillofacial surgeons, plastic and reconstructive surgeons and orthopedic surgeons.

450pp **Winter 2011**
 978-981-4295-09-3 **US\$135 £93**
 978-981-4295-10-9(ebook) **US\$176**

SPORTS MEDICINE FOR THE ORTHOPEDIC RESIDENT

by **Claude T Moorman** (*Duke University, USA*)



This book serves as an Introduction into sports trauma for the orthopedic resident — specifically catering to what the resident needs to know about orthopedic sports medicine. The topic is approached from an anatomic standpoint where each chapter follows a fixed format. A unique feature is that this book is written by recently graduated residents who will still be acutely aware of what they wished they knew about sports medicine in their residency.

Contents: Applied Anatomy and Function; Mechanism of Injury; Immediate Care; When to Consider Surgery; Surgical Options; Potential Complications and Pitfalls; Expected Outcomes (Prognosis).

Readership: For all medical students but mainly for the orthopedic resident.

500pp **Winter 2011**
 978-981-4324-65-6 **US\$130 £81**

ESSENTIALS OF PLASTIC SURGERY

edited by **Seth R Thaller** (*University of Miami, USA*)

This is a concise but comprehensive textbook for plastic surgery residents reviewing for in-service and certifying examinations as well as practicing plastic surgeons preparing for Maintenance of Certification. The book is divided into chapters based on the 24 so-called Index Cases. This will allow a discussion of the procedure prior to embarking on surgery and serve as a basis for the development of a basic fund of knowledge in the specialty of Plastic, Reconstructive, and Aesthetic Surgery. Contributors have been selected based on their clinical expertise and academic excellence.

Readership: Practicing plastic surgeons preparing for Maintenance of Certification examinations, plastic surgery residents, general surgery and other specialty residents rotating through plastic surgery rotations; medical school students rotating through a plastic surgery rotation.

350pp **Fall 2011**
978-981-4307-10-9 **US\$108 £75**
978-981-4307-11-6(ebook) **US\$140**

HIP RESURFACING WITH METAL-METAL ARTICULATION

edited by **James Richardson** (*Orthopaedic Hospital, Oswestry, UK*)

The new technique gains wide interest from the public as this is a new option for hip replacement in younger and active patients. Many patients worldwide have undergone hip resurfacing and are enjoying the effective benefits of the metal-metal hip resurfacing technique.

All new procedures have difficulties and this book identifies the challenges and points the way forward. Other books on hip resurfacing surgery are available; they are, however, written by experts with a single perspective. This book is the result of an open meeting where all the various manufacturers and users of current designs were invited for a frank and public discussion.

Readership: Orthopaedic surgeons, tribology scientists, orthopaedic implant manufacturers, hip specialists, senior orthopaedic trainees.

350pp **Summer 2011**
978-981-4277-34-1 **US\$99 £68**
978-981-4277-35-8(ebook) **US\$129**

Textbook

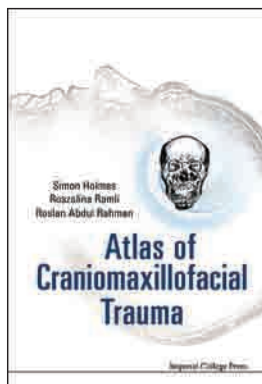
ATLAS OF CRANIOMAXILLOFACIAL TRAUMA

by **Roszalina Ramli** (*Universiti Kebangsaan Malaysia, Malaysia*),
Simon Holmes (*St Bartholomew's and the Royal London Hospital, UK*)
 & **Roslani Abdul Rahman** (*Damansara Specialist Hospital, Malaysia*)

This is a full-colour illustrative textbook written by highly experienced consultants from two different continents — Asia and Europe — which sets out to compare the two possibly dissimilar scenarios of maxillofacial trauma in relation to the epidemiology and aetiology of the two regions. All cases presented in this atlas are from the authors' personal experience during their day-to-day management of patients.

Readership: Graduate and undergraduate medical students in oral and maxillofacial surgery, dentistry, orthodontics and plastic surgery.

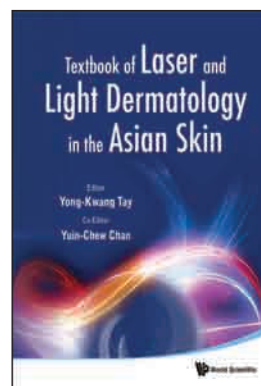
300pp **Summer 2011**
978-1-84816-523-6 **US\$111 £76**



TEXTBOOK OF LASER AND LIGHT DERMATOLOGY IN THE ASIAN SKIN

edited by **Yong-Kwang Tay** (*Changi General Hospital, Singapore*) &
Yuin-Chew Chan (*Gleneagles Medical Centre, Singapore*)

This book includes effective treatment paradigms as well as advice on complications and how to treat them. The book reflects the tremendous progress in the field of laser dermatology. The contributors to this textbook are clinicians with extensive experience in treating Asian skin. A comprehensive guide to treatment of Asian skin and will be of great value to dermatologists, plastic surgeons, pediatricians and general practitioners, who will benefit from the clinical wisdom that has been distilled from the extensive experience of the editors and contributors.



Readership: Dermatologists, dermatology trainees and general practitioners.

250pp **Mar 2011**
978-981-4338-86-8 **US\$150 £93**
978-981-4338-87-5(ebook) **US\$195**

PAEDIATRICS

Textbook

CLINICAL CASE STUDIES IN PEDIATRICS

by **Margaret McGovern** (*Stony Brook University, USA*)

By adopting the approach of simulating actual morning report sessions experienced by hospital doctors, *Clinical Case Studies in Pediatrics* provides a compendium of commonly seen types of pediatrics cases that require hospital admission. Each case study is presented by description of indication of admission to the hospital, the physical examination and laboratory test results, followed by a differential diagnosis, discussion of the differential diagnosis, and finally an in-depth discussion of the actual diagnosis. Study and review questions, which will help medical students or pediatricians-in-training to apply their knowledge, are also included.

Readership: Medical students and pediatricians in training.

250pp **Winter 2011**
978-1-84816-423-9 **US\$88 £61**

THE GENERALIST'S HANDBOOK OF PEDIATRIC UROLOGY

edited by **George W Kaplan** & **Nicholas M Holmes** (*University of California, San Diego, USA*)

The Generalist's Handbook of Pediatric Urology is intended to be just that. It will provide a guide to diagnosis and management of the urogenital disorders of childhood. The available literature on this important subject is often scattered and so for those who treat children it sometimes is a daunting task to find what they need.

This handbook will prove to be immensely useful as it gathers the relevant material in one single volume. It contains many illustrations of urogenital abnormalities and the surgical procedures used to correct them. A number of diagnostic and therapeutic algorithms have been included as well. It is not intended to be encyclopedic but rather an approach or guide based on the more than 50 years of collective experience of the authors.

Readership: Generalist medical practitioners including pediatricians, family practitioners, obstetricians and general surgeons.

250pp **Fall 2011**
978-981-4324-95-3 **US\$88 £55**
978-981-4324-96-0(ebook) **US\$114**

HANDBOOK OF CHILD AND ADOLESCENT ONCOLOGY

edited by **Michael Weiner** (Columbia University, USA)

The book will introduce the topic with information regarding epidemiology, genetics, incidence, risk, etc. It will delve into new diagnostic applications from diagnostic radiology, principles of pathology, molecular genetics, etc. and also include a chapter on laboratory principles and radiation oncology. The individual disease entities will be presented in a case history format, but will cover the topic from incidence to diagnosis, staging and risk group assignment, treatment, outcome and new research initiatives as well as novel therapies for the future. There will also be comprehensive discussions on applications of bone marrow and stem cell transplant and developmental therapeutics or experimental therapies. It will then conclude with chapters on survivorship, palliative care and integrative therapies as it relates to pediatric oncology.

Readership: Pediatric oncologists, hematologists, pediatric oncology fellows and nurses, medical residents and fellows with interest in the field.

500pp **Fall 2011**
 978-981-4307-08-6 **US\$144 £100**
 978-981-4307-09-3(ebook) **US\$187**

ADOLESCENT MEDICINE TODAY

A Guide to Caring for the Adolescent Patient
 edited by **Elise D Berlan** (The Ohio State University, USA & Nationwide Children's Hospital, USA) & **Terrill Bravender** (Nationwide Children's Hospital, USA)

The handbook will guide the healthcare practitioner through the care of the adolescent patient. It will contain short, succinct chapters covering the major adolescent health issues, and will include coverage of physical, mental, and psychosocial problems. This text will easily explain and guide a practitioner to the best practices available in adolescent medicine.

Readership: Clinicians in practice; residents in the fields of family practice, pediatrics, internal medicine and adolescent medicine.

400pp **Fall 2011**
 978-981-4324-48-9 **US\$128 £79**
 978-981-4324-49-6(ebook) **US\$166**

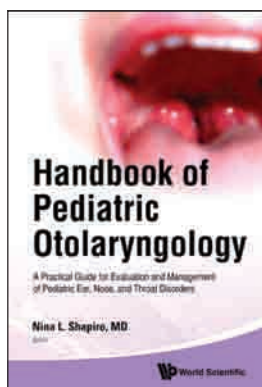
HANDBOOK OF PEDIATRIC OTOLARYNGOLOGY

A Practical Guide for Evaluation and Management of Pediatric Ear, Nose, and Throat Disorders
 edited by **Nina L Shapiro** (University of California, Los Angeles, USA)

The Handbook of Pediatric Otolaryngology will provide the most up-to-date information on the clinical management of children with otolaryngologic disorders. Systems-based sections include information which is applicable in the clinic, operating room, and hospital settings. Chapters are written by experts in the fields of pediatric otolaryngology, anesthesiology, surgery, and audiology.

Readership: Medical students; otolaryngology residents, fellows; otolaryngologists; pediatric otolaryngologists.

500pp **Fall 2011**
 978-981-4282-05-5 **US\$145 £94**
 978-981-4282-06-2(ebook) **US\$189**



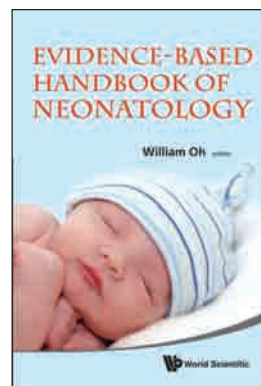
EVIDENCE-BASED HANDBOOK OF NEONATOLOGY

edited by **William Oh** (The Warren Alpert Medical School of Brown University, USA)

The aim of this book is to provide evidence-based information in the management of high risk newborn infants. The book is not meant to be a comprehensive textbook of Neonatology. It is a handbook that will provide useful and practical information for the clinician who manages the sick newborn infants. This publication will elaborate and affirm the management strategies that are based on solid scientific evidence and discuss those that are not.

Readership: Professional neonatologists, pediatric residents, neonatal fellows, neonatal nurses, nurse practitioners, physicians assistants, respiratory therapists, neonatal social workers and nursing students.

500pp **Apr 2011**
 978-981-4313-46-9 **US\$150 £93**
 978-981-4313-47-6(ebook) **US\$195**



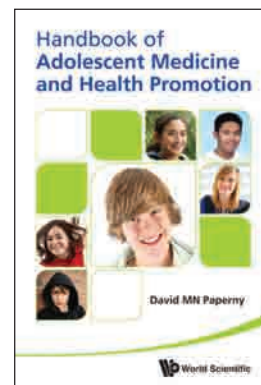
HANDBOOK OF ADOLESCENT MEDICINE AND HEALTH PROMOTION

by **David MN Paperny** (University of Hawaii, USA)

Handbook of Adolescent Medicine and Health Promotion is a medical handbook for health providers, residents, and students as well as other interdisciplinary practitioners who promote the health and well-being of adolescents and young adults. With an emphasis on practical clinical approaches covering comprehensive health evaluation, which impacts on health choices and behaviors, health screening, education and health promotion, this book is a unique combination of pediatrics, internal medicine, gynecology, and psychology.

Readership: Pediatricians, pediatrics residents, medical students and health professionals as well as a wide variety of individuals who shape the daily health choices and actions of youths.

292pp **Feb 2011**
 978-981-4317-98-6 **US\$95 £62**
 978-981-4317-99-3(ebook) **US\$124**



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PHARMACOLOGY / DRUG DISCOVERY / PHARMACEUTICALS

PRACTICAL CLINICAL PSYCHOPHARMACOLOGY

An Evidence-Based, Experiential Handbook
by **Javier I Escobar & Humberto Marin**
(UMDNJ-Robert Wood Johnson Medical School, USA)

The focus of this book is on practical clinical psychopharmacology that would fit best an outpatient clinical setting (non-emergency). Besides reviewing psychotropic drugs, it takes a practical approach, making detailed practical recommendations on the use of currently available psychiatric drugs. It also addresses important related topics, such as antidepressant treatment and suicide, and the use of psychotropic medications in special circumstances such as pregnancy and lactation. The book is evidence-based, but also reflects the clinical experience of the authors and provides a critical appraisal of the available evidence.

Readership: Professional psychiatrists, psychologists, primary care practitioners, clinical practitioners.

300pp	Fall 2011	
978-981-4343-65-7	US\$158	£103
978-981-4343-66-4(ebook)	US\$205	

Molecular Medicine and Medicinal Chemistry - Vol. 5

ANTIBODY DRUG DISCOVERY

edited by **Clive R Wood** (Bayer Schering Pharma, Germany)

Antibody-based therapeutics contribute to an ever-increasing share of successful pharmaceuticals. The objective of this volume is to provide a series of guides to those evaluating and preparing to enter particular areas within the field. The chapters set into context the significance of key developments and important considerations for selecting different approaches, such as antibody humanization, isotype selection, lead candidate selection criteria and protein production. Despite the wide use of antibodies as tools, antibody drug discovery technologies are isolated to a limited number of centers of excellence in industry and academia. All contributors are experts in their fields and have played pivotal roles in the creation of these technologies.

Readership: Researchers in the field of antibody technology.

450pp	Fall 2011	
978-1-84816-628-8	US\$147	£91
978-1-84816-629-5(ebook)	US\$191	

Textbook**THERAPEUTICS**

A Case-based Approach
by **Michael Schachter** (Imperial College London, UK)

The aim of this book is to present a practical guide to therapeutic problems that may commonly face junior doctors. It is concise and relatively didactic, but does also discuss controversies that are of importance to prescribers.

Contents: Principles; Case-based Therapeutics; Case-based Management of Common Emergencies.

Readership: Senior medical students and junior doctors.

200pp	Winter 2011	
978-1-84816-240-2(pbk)	US\$54	£37

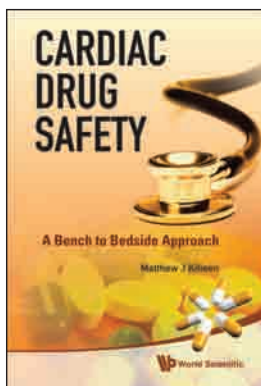
CARDIAC DRUG SAFETY

A Bench to Bedside Approach
by **Matthew J Killeen** (University of Cambridge, UK)

Representing an integrative bench to bedside approach to understanding this critical drug safety phenomenon, this book begins with a comprehensive review of the mechanisms responsible for drug-induced arrhythmia, followed by an in-depth discussion of the current preclinical and clinical recording techniques. Additionally, a complete assessment of current methods to stratify cardiac risk in drug development is included. Most importantly, the book develops and outlines novel strategies and key frameworks that could increase the safety, and drive down the risk, of novel biopharmaceutical products.

Readership: Drug safety professionals; physicians; pharmacologists; executives; basic scientists (at a university or pharmaceutical company); medical, pharmacology and physiology students.

200pp	Fall 2011	
978-981-4317-45-0	US\$78	£48
978-981-4317-46-7(ebook)	US\$101	

**Study Guide****THE FINAL HURDLE**

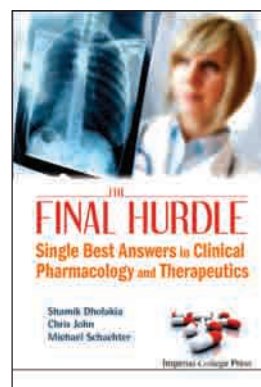
Single Best Answers in Clinical Pharmacology and Therapeutics
by **Shamik Dholakia, Chris John & Michael Schachter**
(Imperial College London, UK)

A comprehensive learning tool to aid preparation for undergraduate pharmacology examinations, this study guide focuses on reinforcing core concepts, improving exam technique and developing confidence in answering the style of questions used in the examinations.

Its aim is to provide an aid to learning and self-assessment for undergraduates in medicine and other health professionals. The importance of ensuring patient safety and the quality of patient care is becoming more important nationally and internationally, after a period when it was perhaps somewhat neglected in some academic centres. Though this study guide is not a substitute for a comprehensive text on the subject, it will be a useful aid for revision.

Readership: Final year medical students, undergraduates in medicine and other health professions.

248pp	Feb 2011	
978-1-84816-743-8	US\$64	£42
978-1-84816-744-5(pbk)	US\$30	£20



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PSYCHIATRY

COMPREHENSIVE CLINICAL PSYCHIATRY

by **Steven L Dubovsky** (University of Buffalo, USA) & **Amelia N Dubovsky** (Harvard Medical School, USA)

Textbook

This book provides thorough discussions of major topics in clinical psychiatry. These discussions are clinically focused, with treatment algorithms and illustrations of how to provide specific therapies and what to do if they do not work. Sufficient attention is also paid to theoretical issues for readers to understand pathophysiology, psychopathology and treatment rationales, and for residents to perform well on certification examinations. There is also an emphasis on how to interpret research and how to understand and utilize practice guidelines.

Readership: Medical students; postgraduate students in psychiatry, psychology and social work; school counselors; physicians; general practitioners; psychiatrists, nurses and psychologists.

450pp **Fall 2011**
978-981-4324-66-3 **US\$120 £74**

HANDBOOK OF DEVELOPMENTAL PSYCHIATRY

edited by **Hans Steiner** (Stanford University, USA)

Key Features:

- Differs from general textbooks on child and adolescent psychiatry because it will go beyond the current DSM taxonomy to focus on pathogenic processes instead of phenomenological diagnoses
- Approaches psychopathology from the point of view of principal disorder clusters rather than simply listing co-morbid conditions
- Differs from standard child psychiatry textbooks because it proposes explicitly that syndromes and syndrome clusters are a starting point to formulate treatment, not an endpoint (which is usually the case with standard descriptive diagnoses based texts)
- The book is intended for frontline mental health clinicians who wish to use Stanford's approach to mental disorders in children and adolescents.

Readership: Frontline mental health clinicians and medical professionals in child and adolescent psychiatry.

600pp **Apr 2011**
978-981-4324-81-6 **US\$158 £98**
978-981-4324-82-3(ebook) **US\$205**

PUBLIC HEALTH / EPIDEMIOLOGY / HEALTHCARE

TAKE A DEEP BREATH

Clear the Air for the Health of Your Child

by **Nina L Shapiro** (University of California, Los Angeles, USA)

"Take a Deep Breath" provides a thorough review of breathing issues, differentiating the normal and abnormal for all ages, and at all levels of breathing passages. It explains all of the puzzling and oftentimes distressing breathing patterns our children have throughout development. From the uppermost part of the breathing apparatus, the nose, to the lowermost part, the lungs, this book explains which problems are truly worrisome, and which are actually normal stages in a child's growth. This book sheds new light on the latest research in pediatric breathing issues, sleep issues, and airway safety. Consisting of age-based sections, with location-based and problem-based chapters for each age group, each chapter also provides a 'to-do' list, offering successful preventions and treatments that can easily be done at home.

Readership: Parents, caregivers, teachers, pediatricians, primary care physicians.

200pp **Winter 2011**
978-981-4343-77-0 **US\$68 £44**
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Global Health Diplomacy - Vol. 1

THE POWER SHIFT IN GLOBAL HEALTH

Emerging Economics and Regional Groupings

edited by **Ilona Kickbusch** (Graduate Institute of International and Development Studies, Switzerland)

The book argues that global health governance is being conducted in a nonpolar world, one in which nation states are competing to establish their spheres of influence on a global scale, what Parag Khanna in his book /The Second World/ has called the geopolitical marketplace. The emerging economies and new power centers are not only using the existing focal institution in global health, the World Health Organization, but also creating and using informal institutions such as clubs and regional groups, as well as bilateral ties with southern countries to increase their own influence on global decision-making for health.

Readership: Undergraduates, postgraduates and academics in global health, political science or international relations, political economy, and development or public policy; health professionals in international organizations; health officials in both OECD and non-OECD countries; general audience.

200pp **Fall 2011**
978-981-4324-15-1 **US\$78 £48**
978-981-4324-16-8(ebook) **US\$101**

HEALTH HAZARDS OF ENVIRONMENTAL ARSENIC POISONING

From Epidemic to Pandemic

edited by **Chien-Jen Chen** (Academia Sinica, Taiwan & National Taiwan University, Taiwan) & **Hung-Yi Chiou** (Taipei Medical University, Taiwan)

This book covers the entire spectrum of health effects induced by chronic arsenic poisoning, which is prevalent in more than 30 countries due to the use of unclean underground water, a result of surface water pollution and shortage. This environmental health disaster has been considered more catastrophic than the Chernobyl nuclear plant explosion in the former Soviet Union and the Bhopal chemical plant explosion in India.

Readership: Researchers and practitioners in public health, environmental health researchers and toxicologists.

350pp **Apr 2011**
978-981-4291-81-1 **US\$124 £86**
978-981-4291-82-8(ebook) **US\$161**

Textbook

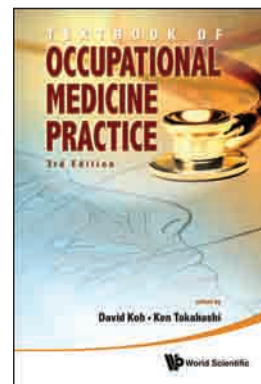
TEXTBOOK OF OCCUPATIONAL MEDICINE PRACTICE (3rd Edition)

edited by **David Koh** (National University of Singapore) & **Ken Takahashi** (University of Occupational and Environmental Health, Japan)

This third edition of the textbook has been fully revised and includes new materials and chapters. The contents of the book have been streamlined to appear in two sections. The approach of examining occupational health issues and concerns from the standpoint of clinical presentations of the different organ systems is retained. These clinically oriented chapters form Section One. Section Two comprises issues of special interest to occupational health practitioners such as screening and routine medical examinations, assessment of disability for compensation, occupational medicine practice and the law, and the prevention of occupational diseases.

Readership: Graduate students, practitioners and researchers in occupational and public health.

630pp **Mar 2011**
978-981-4329-57-6 **US\$108 £70**



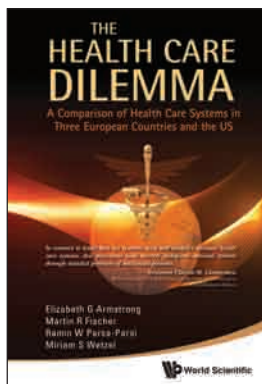
THE HEALTH CARE DILEMMA

A Comparison of Health Care Systems in Three European Countries and the US

by **Elizabeth G Armstrong** (Harvard Medical School, USA),
Martin R Fischer (Witten/Herdecke University, Germany),
Ramin W Parsa-Parsi (German Medical Association, Germany)
& **Miriam S Wetzel** (Harvard Medical School, USA)

"In this book we see vividly and first hand the diverse issues confronting patients and health care systems in Western countries. As we all seek solutions to the problems of providing optimal medical care, these patient stories will be a valuable source of information and insight."

Professor Jeffrey S Flier, MD
Dean of the Faculty of Medicine,
Caroline Shields Walker
Professor of Medicine,
Harvard Medical School



Readership: Professors and students of public health policy, medicine, nursing, allied health professions, social sciences as well as the general public interested in public health policy.

464pp	Jan 2011		
978-981-4313-96-4	US\$98	£61	
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978-981-4313-98-8(ebook)	US\$127		

RHEUMATOLOGY

THE RHEUMATOLOGY HANDBOOK

edited by **Margaret Callan** (Imperial College, London & Chelsea and Westminster Hospital, UK)

Written clearly and concisely and well illustrated, the book provides readers with the basic scientific information that they require to understand current concepts about the pathogenesis of rheumatological disease, and draws on recent research studies to give up-to-date information about investigation and treatment. It covers the full range of rheumatological conditions, from local degenerative problems to systemic immune-mediated disease. It includes a useful section on soft-tissue disorders and a practical guide to performing soft-tissue and joint injections; at the other end of the clinical spectrum, the rationale for and efficacy of novel treatments targeted at individual components of the immune response are well explained.

Readership: Undergraduate and graduate students in rheumatology, internal medicine and immunology; trainee junior doctors and trainee general practitioners.

250pp	Fall 2011		
978-1-84816-320-1	US\$96	£66	
978-1-84816-321-8(ebook)	US\$125		

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SURGERY

SURGICAL TALK (3rd Edition)

Lecture Notes in Undergraduate Surgery
by **Andrew Goldberg** (University College London, UK & The Stanmore Royal National Orthopaedic Hospital Trust, UK) & **Gerard Stansby** (University of Newcastle, UK & Freeman Hospital, Newcastle Hospital NHS Trust, UK)

Textbook

This textbook is an introduction and guide to undergraduate surgery. It has been a bestseller since its first edition in 2001. The text has been deliberately written in a tutorial-like story format as opposed to a set of lists, since this makes it easier to understand and remember. Each chapter is written by an authoritative author alongside the book editors who have ensured it remains in the spirit of the bestselling previous editions.

Readership: Third, fourth and final year undergraduates (UK), medical students from countries with similar training to the UK (such as Singapore, Australia, South Africa, India and Pakistan), junior doctors, professions allied to medicine.

400pp	Fall 2011		
978-1-84816-614-1(pbk)	US\$48	£32	

PRINCIPLES AND TECHNIQUES IN ONCOPLASTIC BREAST CANCER SURGERY

by **Mahmoud El-Tamer** (Memorial Sloan-Kettering Cancer Center, USA & Columbia University, USA)

Oncoplastic breast cancer surgery is one of the fastest growing domains in breast surgery. This approach is currently gaining ground as it results in the best cosmetic outcome. This book summarizes the basic principles and techniques using evidence-based data. The book is illustrated with real patient pictures and very comprehensive drawings, and can be used as a practical guide to surgeons who deal with diseases of the breast.

Contents: Breast Anatomy; Surgical Landmarks and Measurements; Pre-operative Planning; Neoadjuvant Chemotherapy; Skin Incisions; Margins of Resection; Tumor Resection and Repair of Breast Defect; Post-operative Care; Complex Resections; Radiation Therapy; Skin Sparing Mastectomy; Nipple Sparing Mastectomy; Endoscopic Mastectomy.

Readership: Surgical oncologists, breast surgeons and practising surgeons.

300pp	Fall 2011		
978-981-4327-76-3	US\$98	£61	
978-981-4327-77-0(ebook)	US\$127		

Textbook

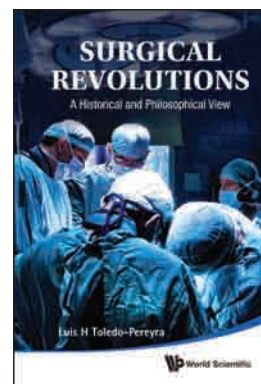
SURGICAL REVOLUTIONS

A Historical and Philosophical View
by **Luis H Toledo-Pereyra** (Michigan State University, USA)

This volume examines the following vital questions in detail: What is a surgical revolution and how do we recognize one? Are surgical revolutionaries different? Is there a way to educate new surgical revolutionaries? Can history provide enduring examples of surgical revolutions? Are there different kinds of surgical revolutions? What characterizes a surgical revolution in the context of science and technology? What surgical revolutions are on the horizon?

Readership: Medical students in training, practicing and retired surgeons, and other medical professionals.

200pp	Fall 2011		
978-981-4329-62-0	US\$59	£37	



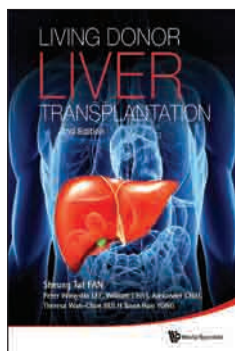
LIVING DONOR LIVER TRANSPLANTATION (2nd Edition)

by Sheung Tat Fan, Peter Wing-Ho Lee, William I Wei, Alexander Chiu, Theresa Wan-Chun Hui & Boon Hun Yong (The University of Hong Kong, Hong Kong)

This latest edition offers updated operative results from our center and the latest modifications of the technique. With contributions from a leading microvascular surgeon, a critical care clinician, a psychiatrist, and two anesthetists from the same liver transplant team, the LDLT experience at Queen Mary Hospital is depicted in an even greater extent.

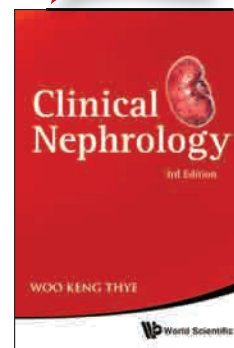
Readership: Surgeons, researchers, nurses, medical students, patients and laypersons seeking information on LDLT.

356pp Mar 2011
978-981-4329-75-0 US\$162 £105
978-981-4329-76-7(ebook) US\$211



UROLOGY

Textbook



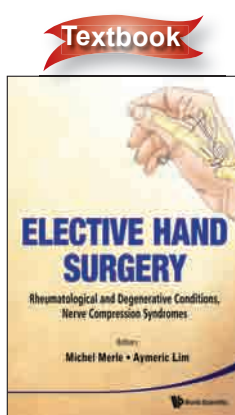
ELECTIVE HAND SURGERY

Rheumatological and Degenerative Conditions, Nerve Compression Syndromes
edited by Michel Merle (Hôpital Kirchberg, Luxembourg) & Aymeric Lim (National University Hospital, Singapore)

The volume contains essential information on elective (non-emergency) hand surgery practice. The author, M Merle, a world authority in surgery of the rheumatoid hand, synthesizes the depth of his experience into the book, and presents the management of these conditions in a clear manner. All the elective procedures are described in great detail and depth. The quality of the illustrations is outstanding.

Readership: Hand surgeons, orthopedic surgeons, plastic surgeons, rheumatologists, occupational therapist and physiotherapists.

524pp Mar 2011
978-981-4277-87-7 US\$136 £90



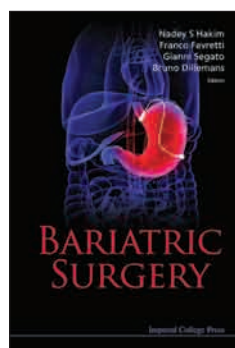
BARIATRIC SURGERY

edited by Nadey S Hakim (Imperial College Healthcare NHS Trust London, UK), Franco Favretti, Gianni Segato (Vicenza Regional Hospital, Italy) & Bruno Dillemans (St. Jan Hospital, Bruges, Belgium)

The field of surgery is developing rapidly — offering innovative options for patients who have failed to lose weight by diet, exercise and pharmacological methods. The editors review problems that the patients face in the perioperative period and in the long term, as well as their adjustments in lifestyle and healthcare management. It also addresses the assessment and selection of patients' treatment before surgery, options for surgical intervention and postoperative medical management.

Readership: Students and residents in surgical training.

416pp Feb 2011
978-1-84816-588-5 US\$140 £91
978-1-84816-589-2(ebook) US\$182



CLINICAL NEPHROLOGY (3rd Edition)

by Keng Thye Woo (Singapore General Hospital, Singapore & National University Singapore)

This third edition has 7 new chapters reflecting the latest changes in nephrological practice, totalling 35 chapters as compared to the last edition of 27 chapters.

The new chapters include recent clinical trials, aging kidneys, cardiorenal syndrome, the geography and evolution of glomerulonephritis, IgA nephritis — a distinct Glomerular disease, acute poisoning and research in kidney diseases. These updated topics will allow the reader to keep abreast of the latest trends in nephrology, with abstract/summaries included for easy reference to the original text/articles.

Readership: Medical undergraduates, doctors, and nurses in nephrology.

668pp May 2011
978-981-4340-80-9(pbk) US\$68 £44

VASCULAR MEDICINE

A HANDBOOK OF VASCULAR DISEASE MANAGEMENT

edited by Wesley S Moore & Juan Carlos Jimenez (University of California, Los Angeles, USA)

Treatment of vascular disease has progressed and evolved rather quickly in the last 5–10 years with current treatments improving and changing rapidly. This handbook serves to educate medical students and surgery residents regarding the most up-to-date treatments for arterial, venous and lymphatic disease. Endovascular management of these disorders has emerged rapidly and the most current techniques will be covered in detail.

Readership: Surgery residents and trainees.

500pp Apr 2011
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