Springer Top Titles in Medicine

New Book Information

THIRD QUARTER 2012
Handbook of Epidemiology
W. Ahrens, I. Pigeot, University of Bremen, Germany (Eds)

Feature
► Greatly expanded 2nd edition adds 22 new chapters

This 3-volume reference covers the entire field of epidemiology, from statistical methods and study design, to specialized areas such as molecular epidemiology, and applications in clinical medicine and health services research. This updated edition of the Handbook of Epidemiology adds 22 new chapters on: History of Epidemiological Methods and Concepts, Cluster Randomized Trials, Internet-Based Epidemiology, Misclassification, Bias/Sensitivity Analysis, Emergency and Disaster Health Surveillance, Statistical Inference, Data Management in Epidemiology, Visual Display of Quantitative Information, Bayesian Methods in Epidemiology, Generalized Estimating Equations, Directed Acyclic Graphs, Life Course Epidemiology, Physical Activity, Radiation Epidemiology, Epidemiology of Obesity, Epidemiology of Respiratory Allergies and Asthma, Epidemiology of Dental Diseases, Epidemiology of Digestive Diseases, Psychiatric Disorders, Epidemiology of Diabetes. All other chapters are extensively revised from the This is a reference for epidemiological researchers and graduate students in public health.
Histopathology Specimens
Clinical, Pathological and Laboratory Aspects
D. C. Allen, Belfast City Hospital, Belfast, UK; R. I. Cameron, Altnagelvin Hospital, Londonderry, UK (Eds)

Features
► Integrates anatomy, clinical presentation and investigations, surgical considerations, pathology and clinically appropriate dissection and reporting of the surgical specimens
► Provides both a reference text and a bench-based handbook
► Includes revised cancer datasets in light of TNM 7
► Reflects the integrated multidisciplinary approach taken to contemporary patient management

Covering anatomical, clinical, pathological and laboratory aspects of surgical histopathology specimens, Histopathology Specimens: Clinical, Pathological and Laboratory Aspects, Second Edition relates specimen dissection and its clinical context to relevant histopathology reports, and therefore a more comprehensive patient prognosis and management is possible. Histopathology Specimens: Clinical, Pathological and Laboratory Aspects, Second Edition explains pathological and clinical terminology, including a glossary of clinical request form abbreviations. A standardised step-wise approach to specimen handling is illustrated with simple line diagrams and highlights essentials of the histopathology report, relating them to appropriate specimen dissection. The integrated multidisciplinary team approach taken to the modern clinical management of patients is reflected by correlating patient presentation, diagnostic and staging investigations with histopathology specimens. Current WHO and TNM tumor classifications are referenced. Histopathology Specimens: Clinical, Pathological and Laboratory Aspects, Second Edition will be of educative value and act as a reference tool for the medical undergraduate student, medical trainee in histopathology and the biomedical scientist, and as a useful aide memoire for the histopathology consultant.
Managing the Kidney when the Heart is Failing

G. L. Bakris, University of Chicago, IL, USA (Ed)

Features

➤ Few published books on this topic
➤ Practical guide to therapeutics
➤ Contributions by cardiologists and nephrologists

The presence of Chronic Kidney Disease (CKD) increases the risk of death from cardiovascular causes and makes the management of heart failure difficult. The coexistence of CKD and heart failure is increasing in prevalence worldwide and requires a unique and subtle approach to patient management. Managing the Kidney in Heart Failure focuses on the therapeutic management of cardio renal patients. Common heart and kidney failure conditions are presented along with treatment scenarios aimed to reduce cardiovascular mortality and preserve kidney function. Co-authored by a Nephrologist and Cardiologist, each chapter of this concise and practical handbook offers a unified perspective to these chronic conditions.
Chemotherapy in Psychiatry
Pharmacologic Basis of Treatments for Major Mental Illness
R. J. Baldessarini, Harvard Medical School, Boston, MA, USA

Features
► Third edition of highly successful title authored by a renowned leader in the field
► Provides the most up-to-date evidence regarding the chemistry, metabolism, mechanism of action, dosing, and adverse effects of psychopharmacologic agents
► Offers in depth discussion, including controversial issues, involving the major classes of psychopharmacologic drugs

Use of psychotropic drugs has come to dominate clinical practice in psychiatry worldwide—perhaps owing largely to perceived simplicity, ease of use, and apparent efficiency, as well as apparent cost-effectiveness of such treatments. Nevertheless, medicinal treatments for patients with psychiatric disorders are but one component of comprehensive clinical care of complex human problems. Extensively updated since its second edition in 1985, Chemotherapy in Psychiatry, Third Edition, again addresses basic aspects of modern psychopharmacology and clinical applications of drugs used in the treatment of major psychiatric disorders, with major emphasis on psychotic, bipolar, and depressive disorders. The presentation covers descriptions of the main classes of psychotropic drugs, selected information concerning their known action mechanisms and metabolic disposition, and their clinical applications for acute illnesses and to prevent recurrences and long-term morbidity. Also covered are limitations and adverse effects of each type of agent, with emphasis on the fact that all psychotropic medicines have adverse effects that range from annoying to potentially lethal. Chemotherapy in Psychiatry, Third Edition, outlines the need to balance benefits and risks at the level of individual persons. Authoritative, and an important contribution to the literature, Chemotherapy in Psychiatry, Third Edition is an invaluable resource for physicians, scientists, trainees, and policymakers.
Sexual Medicine in Clinical Practice

K. M. Beier, Charité University Medicine Berlin, Berlin, Germany; K. Loewit, Leopold Franzens Universität, Innsbruck, Austria

Features
- Offers a biopsychosocial lifespan model readily translatable into clinical work
- Models nonjudgmental approaches to disorders of sexual function, maturity, preference, and behavior
- Essential reading for family and primary care physicians, family and sex therapists, health psychologists, and psychiatrists

Call it a remnant of our Victorian past, but sexual concerns lag behind other aspects of health, both in the training of physicians and therapists and in the way they impart this knowledge to clients. But as sexuality gains recognition as crucial to one's quality of life, evidence-based methods of understanding and discussing sex are imperative—and not only in treating pathology. Sexual Medicine in Clinical Practice provides framework, rationale, and strategies for both approaching sexual problems and addressing patients' questions about sexual health, behavior, and relationships. Analyzing sexuality along three dimensions—attachment, reproduction, and desire—this concise manual offers a biopsychosocial lifespan model readily translatable into clinical work. This “syndyastic” framework integrates attachment and relational theory to reinforce the bond between intimacy and connectedness, and models nonjudgmental approaches to disorders of sexual function, maturity, preference, and behavior. The authors’ salutogenic rather than pathogenic focus lets clients become major players in their own healing, and the therapist or doctor serve as expert and guide. Among the topics covered: The communicative function of sexuality. The spectrum of sexual disorders. Principles of diagnostics in sexual medicine. Disease-centered versus client-centered aspects of sexual therapy. Therapeutic approaches for sexual traumatization. New challenges, including preventing child sexual abuse and online sex crime. Plus case studies, interdisciplinary references, and ethical issues. A timely, perspective- and practice-altering volume, Sexual Medicine in Clinical Practice is essential reading for family and primary care physicians, family and sex therapists, health psychologists, and psychiatrists.
Due July 2012

Encyclopedia of Radiation Oncology
L. W. Brady, Drexel University, Philadelphia, PA, USA; T. E. Yaeger, Caldwell Memorial Hospital, Lenoir, NC, USA (Eds)

Associate editor: J. E. Reiff, R. Class, Philadelphia, USA; S. Mose, Villingen-Schwenningen, Germany

Features
► The simple A to Z format provides easy access to relevant information in the field of radiation oncology.
► Extensive cross references between keywords and related articles enable efficient searches in a user-friendly manner
► Fully searchable and hyperlinked electronic online edition

The aim of this comprehensive encyclopedia is to provide detailed information on radiation oncology. The wide range of entries are written by leading experts. They will provide basic and clinical scientists in academia, practice and industry with valuable information about the field of radiation oncology. Those in related fields, students, teachers, and interested laypeople will also benefit from the important and relevant information on the most recent developments.

Print
2012. XVI, 1000 p. 800 illus.
ISBN 978-3-540-85513-2
► € 399,00 | £359.50
► * € (D) 426,93 | € (A) 438,90 | sFr 531,50

Print + eReference
2012. XVI, 1000 p. 800 illus. (0-volume-set)
ISBN 978-3-540-85517-0
► € 499,00 | £449.50
► * € (D) 533,93 | € (A) 548,90 | sFr 664,50

eReference
2012.
ISBN 978-3-540-85516-3
► € 399,00 | £359.50
► ** € (D) 474,81 | € (A) 478,80 | sFr 558,50

Bookstore Location
Medicine

Fields of interests
Radiotherapy; Imaging / Radiology; Oncology

Target groups
Professional/practitioner

Product category
Encyclop(a)edia
Retinal Vein Occlusions
Evidence-Based Management
D. J. Browning, Charlotte, NC, USA

Features
► First comprehensive text on retinal vein occlusions, the second most common kind of retinal vascular disease
► Integrates recent advances in treatments with the parallel progress in understanding of disease mechanisms
► Includes case studies

After diabetic retinopathy, the varieties of retinal vein occlusion constitute the most prevalent category of retinal vascular disease. For macular edema associated with central retinal vein occlusion (CRVO), no effective therapy existed until 2009, despite decades of research and failed pilot therapies. This comprehensive, illustrated text integrates recent advances in treatments with the parallel progress in understanding of disease mechanisms. Complete with case studies, this text is perfect for retina specialists, ophthalmologists, optometrists, and residents and fellows in these fields.
Comprehensive Treatment of Chronic Pain by Medical, Interventional, and Behavioral Approaches

The AMERICAN ACADEMY OF PAIN MEDICINE Textbook on Patient Management

T. R. Deer, The Center for Pain Relief, Charleston, WV, USA; M. S. Leong, Stanford Pain Management Center, Redwood City, CA, USA; A. Buvanendran, Rush University Medical Center, Chicago, IL, USA; V. Gordin, Pennsylvania State University College of Medicine, Hershey, PA, USA; P. S. Kim, Center for Interventional Pain and Spine, Newark, DE, USA; S. J. Panchal, National Institute of Pain, Tampa, FL, USA; A. L. Ray, The Lite Center, Miami, FL, USA (Eds)

Features

► Comprehensive treatment of all aspects of pain medicine
► Written and edited by highly esteemed members of the American Academy of Pain Medicine
► Numerous interventional procedures highlighted with full color, high quality illustrations

Edited by master clinician-experts appointed by the American Academy of Pain Medicine, this is a state-of-the-art multidisciplinary textbook covering medical, interventional, and integrative approaches to the treatment and management of pain. It is designed as a practical and comprehensive primary reference for busy physicians and is also an up-to-date resource for preparing for certification examinations in pain medicine. Written and edited by world-class authorities · "Key Points" preview contents of each chapter · Leading edge medical topics, such as monitoring opioid use and abuse, and the emerging role of cannabinoids in pain treatment · Expert guidance on full range of interventional techniques · Clinical anatomy and physiology for the interventionist · Behavioral dimensions of the experience and management of pain · Integrative approaches for treating the "whole person" · Legal issues, such as failure to treat pain · First-hand patient accounts


2013. XX, 1163 p. 406 illus., 230 in color.

Hardcover
► € 149.95 | £135.00
► *€ (D) 160.45 | € (A) 164.94 | sFr 200.00

Bookstore Location
Medicine

Fields of interests
Pain Medicine; Anesthesiology; Neurology

Target groups
Professional/practitioner

Product category
Professional book
In non fatal cases, cardiovascular diseases, are associated with a decreased quality of life as well as a substantial economic burden to society. Most sudden cardiac events are related to the complications of a non-stenosing marginal plaque. For this reason, the ability to properly identify the atherosclerotic plaque with rapid, non-invasive techniques is of utmost clinical interest in therapeutic planning. CT produces high-quality images of the coronary arteries, in addition to defining their location and the extent of the atherosclerotic involvement. This new edition is enriched with dedicated chapters on intravascular ultrasound (IVUS), catheter angiography, and nuclear imaging, with limited discussions of theoretical techniques such as optical coherence tomography (OCT) and magnetic resonance imaging (MRI). Brief chapters will also be included that discuss percutaneous coronary artery procedures and coronary artery bypass surgery. Indications of when to use CCTA will be discussed, with comparison of these imaging techniques to each other. This volume provides general practitioners and cardiologists with a basic understanding of the imaging techniques. For radiologists with no direct experience in cardiac imaging, the book serves as an important source of information on coronary pathophysiology and anatomy.
Understanding Periodontal Research
A. L. Dumitrescu, University of Tromsø, Norway

Features
- Fills a significant gap in the literature by providing oral health and periodontal researchers with a comprehensive overview of the methodological aspects that are important when planning, conducting, and analyzing research projects
- Easy to understand for beginners in the field, yet also a useful tool for the more experienced
- Provides clear information and guidance

As stated by The Cochrane Collaboration on their website, the practice of evidence-based medicine means integrating individual clinical expertise with the best available external clinical evidence from systematic research. Understanding Periodontal Research fills a significant gap in the literature by providing oral health and periodontal researchers with a comprehensive overview of the methodological aspects that are important when planning, conducting, and analyzing their research projects. It is designed to be easy to understand for beginners in the field, yet will also serve as a useful tool for those who are more experienced. Undergraduate and postgraduate dental students, dental hygienists, dental practitioners, and associated professionals who are interested in understanding the principles of periodontal research will all benefit from the clear information and guidance contained in this book.

ISBN 978-3-642-28922-4

Hardcover
- € 199,95 | £180.00
- *€ (D) 213,95 | € (A) 219,94 | sFr 266,50

Bookstore Location
Dentistry

Fields of interest
Dentistry

Target groups
Professional/practitioner

Product category
Monograph
From Nucleic Acids Sequences to Molecular Medicine
V. A. Erdmann, Free University of Berlin, Germany; J. Barciszewski, Polish Academy of Sciences, Poznan, Poland (Eds)

Features
➤ The book covers hot topics such as small interference RNAs for gene silencing in molecular biology and medicine
➤ Written by leading experts in the field
➤ With numerous illustrations

Despite a half century of structural, biophysical and biochemical investigations of ribonucleic acids, they are still mysterious. RNAs stand at fertile crossroads of disciplines, integrating concepts from genomics, proteomics, dynamics as well as biochemistry and molecular biology. From 20 years it is clear, that genetic regulation of eukaryotic organisms has been misunderstood for the last years that the expression of genetic information is effected only by proteins. Basic understanding of nucleic acids has enhanced our foundation to probe novel biological functions. This is especially evident for RNA molecules whose functionality, maturation, and regulation require formation of correct secondary structure through encoded base-pairing interactions.

ISBN 978-3-642-27425-1

2012. IX, 654 p. 120 illus., 42 in color. (RNA Technologies) Hardcover
➤ € 169,95 | £153.00
➤ *€ (D) 181,85 | € (A) 186,94 | sFr 226,50

Bookstore Location
Biomedicine

Fields of interests
Molecular Medicine; Nucleic Acid Chemistry; Human Genetics

Target groups
Research

Product category
Contributed volume
Encyclopedia of Behavioral Medicine

M. Gellman, University of Miami School of Medicine, Miami, FL, USA; J. R. Turner, Campbell University School of Pharmacy, Morrisville, NC, USA (Eds)

Features
- The first and only encyclopedia devoted to the interdisciplinary field of behavioral medicine
- International advisory board consisting of leadership and past leadership of SBM and ISBM
- Three sections inclusively cover public health, clinical investigation and basic research

Behavioral medicine is an interdisciplinary field concerned with the development and integration of sociocultural, psychosocial, behavioral and biomedical knowledge and techniques relevant to the understanding of health and illness and the application of this knowledge and these techniques to disease prevention, health promotion, etiology, diagnosis, treatment and rehabilitation. The original definition of the field of behavioral medicine was developed at the Yale Conference on Behavioral Medicine and later published by Gary Schwartz and Stephen Weiss [1].

Since that time there have been various refinements to the definition as stated in the preceding definition. The overarching content structure will be based on the three fundamental domains within behavioral medicine, which yield three sections: Section I: Basic Research Section II: Clinical Investigation Section III: Public Health

The domain of basic research addresses the key questions of mechanisms of action, both in terms of how behavior can have a deleterious effect on health, and how a change in behavior can be beneficial, either preventatively or therapeutically. The domain of clinical investigation then translates this knowledge into clinical interventions on a patient-by-patient basis. The third domain takes the broad view of how behavioral medicine can impact public health, and the system-wide/public education and advocacy/political activities that are needed to facilitate maximum benefits at the global level. It can immediately be seen from these brief descriptions of these domains that behavioral medicine is indeed a multidisciplinary and interdisciplinary field.

Researching mechanisms of action requires a detailed knowledge of human biology, starting from the molecular genetic level and progressing to fully interacting body systems. A thorough understanding of environmental interactions with biological functioning is also necessary. The domain of basic research and clinical investigation are linked by the increasingly important concept of Translational Medicine, i.e., how to translate our mechanistic knowledge and understanding into successful clinical interventions most effectively and efficiently. The final challenge is to address these interventions at the public health level. It can therefore be seen that a very wide range of basic scientists, clinicians (physicians, nurses, and other allied health professionals), epidemiologists, and public policy experts contribute to the field of behavioral medicine.
Atlas of Postsurgical Neuroradiology
Imaging of the Brain, Spine, Head, and Neck
D. T. Ginat, P.-L. Westesson, University of Rochester, NY, USA

Features
▶ A comprehensive yet concise reference guide to the normal appearances and complications that may be encountered on neuroradiological examinations following surgery to the head, neck, and spine
▶ Contains numerous images and to-the-point case descriptions
▶ Invaluable and convenient resource for both neuroradiologists and neurosurgeons

As a result of the increasing number of surgical procedures on the brain, head, neck, and spine, postoperative changes are being encountered more frequently on neuroradiological examinations. However, these findings are often unfamiliar to neuroradiologists and neurosurgeons and can be difficult to interpret. This book, which contains numerous images and to-the-point case descriptions, is a comprehensive yet concise reference guide to postsurgical neuroradiology. It will enable the reader to identify the type of surgery performed and the hardware implanted and to differentiate expected sequelae from complications. Topics reviewed include trauma, tumors, vascular disorders, and infections of the head, neck, and spine; cerebrospinal fluid abnormalities; and degenerative diseases of the spine. This book will serve as a unique and convenient resource for both neuroradiologists and neurosurgeons.
Due September 2012

Radionuclide and Hybrid Bone Imaging
I. Fogelman, Guy’s Hospital, London, UK; G. Gnanasegaran, St. Thomas Hospital, London, UK; H. v. Wall, Concord Nuclear Imaging, Concord West, NSW, Australia (Eds)

Features
► Presents up-to-date and comprehensive information on the use of bone scans and hybrid imaging techniques in a variety of settings, including benign disease, primary bone tumors, and metastases
► Discusses the merits of different radiopharmaceuticals
► Compares bone scintigraphy with conventional radiological methods
► Includes sections on the basic science and pediatric bone scintigraphy

This book, written by authors with national and international reputations in the field, covers all aspects of radionuclide and hybrid bone imaging. Introductory sections present the basic science and consider the current status and limitations of conventional radiological techniques. The underlying principles of PET-CT and SPECT-CT are carefully explained, and the value of different PET and SPECT tracers, assessed. The role of single- and dual-modality approaches in the imaging of benign bone diseases and malignancies is then discussed in detail in a series of well-illustrated chapters. The pathologies addressed include metabolic bone disease, arthritis, bone and joint infections, primary bone and soft tissue tumors, and metastases from breast and prostate cancer. A further section considers the role of bone scintigraphy in the pediatric patient, and the closing chapters focus on miscellaneous subjects, including bone densitometry and radionuclide targeted therapy.

ISBN 978-3-642-02399-6
2013. XVI, 16 p. 596 illus., 283 in color.
Hardcover
► approx. €299,00 | £269.50
► approx. *€ (D) 319,93 | € (A) 328,90 |
sFr 398,50

Bookstore Location
Medicine

Fields of interests
Nuclear Medicine; Oncology; Orthopedics

Target groups
Professional/practitioner

Product category
Professional book
Dictionary of Disaster Medicine and Humanitarian Relief
S. W. Gunn, Bogis-Bossey, Switzerland

Features
- An exhaustive compilation of over 3000 entries that greatly expands on the previous edition
- Presents a standardized terminology for international disaster relief work
- Covers the entire multidisciplinary scope of disaster medicine and humanitarian relief, including climate change and bioterrorism

The 2nd edition of the Dictionary of Disaster Medicine and Humanitarian Relief is an essential and practical reference for all those who work in humanitarian relief. This new, expanded edition presents more than 3000 definitions and acronyms covering the entire multidisciplinary scope of disaster medicine and humanitarian relief, as well as new fields such as climate change and bioterrorism. As natural disasters, humanitarian emergencies, and infectious disease epidemics increase in frequency and seriousness, this book is an important reference to assist international relief workers communicate with each other and with the media. The author has served as both the director of Emergency Humanitarian Operations of the World Health Organization, as well as the WHO’s chief of scientific terminology. As the Director-General Emeritus of the World Health Organization says in the Foreword, “This new expanded edition comes as a timely essential aid against the growing threats of inhuman violence and destructive disasters.”
Due August 2012

**Handbook of Cerebrovascular Disease and Neurointerventional Technique**

M. R. Harrigan, University of Alabama, Birmingham, AL, USA; J. P. Deveikis, University of Rochester, NY, USA

**Features**

- Easy-to-read reference work for useful clinical information about cerebrovascular disorders
- Detailed facts and figures
- Step-by-step practical guide
- Discusses both techniques and basic disease information
- How-to descriptions with emphasis on a wide variety of neurointerventional techniques
- Comprehensive reviews of all cerebrovascular disorders

Fully revised and updated, the Handbook serves as a practical guide to endovascular methods and as a concise reference for neurovascular anatomy and published data about cerebrovascular disease from a neurointerventionalist’s perspective. Divided into three parts, the book covers: Fundamentals of neurovascular anatomy and basic angiographic techniques; Interventional Techniques and endovascular methods, along with useful device information and tips and tricks for daily practice; Specific Disease States, with essential clinical information about commonly encountered conditions. New features in the 2nd Edition include: Global Gems that illuminate aspects of the field outside the United States; Angio-anatomic and angio-pathologic image correlates; Newly released clinical study results influencing neurointerventional practice; Information on emerging technologies in this rapidly advancing field. The Handbook is a vital resource for all clinicians involved in neurointerventional practice, including radiologists, neurosurgeons, neurologists, cardiologists, and vascular surgeons.

ISBN 978-1-61779-945-7

2nd ed. 2013. XXIII, 710 p. 151 illus., 66 in color. (Contemporary Medical Imaging, Volume 1) Softcover

- € 99,95 | £90.00
- *€ (D) 106,95 | € (A) 109,95 | sFr 133,50

**Bookstore Location**

Medicine

**Fields of interests**

Interventional Radiology; Neuroradiology; Neurology

**Target groups**

Professional/practitioner

**Product category**

Professional book

Humana Press
The Surgical Examination of Children
J. M. Hutson, University of Melbourne, Melbourne, Australia; S. W. Beasley, University of Otaga, Christchurch, New Zealand

Features
► A problem-oriented approach to surgical diagnosis in children
► More than 350 simple line drawings illustrating the key features
► A short list of “golden rules” at the end of each chapter

This book demonstrates clearly how to perform a clinical examination in the infant or child with a surgical condition. While most textbooks of pediatric surgery focus on the pathological classification and overall management of disease, in clinical practice physicians and surgeons usually use a problem-oriented approach to clinical diagnosis. Surprisingly, this is rarely taught to students. The authors attempt to redress this imbalance by providing a clinical approach to the patient which can be learned with a minimum of factual information. The book should therefore remain useful to the practitioner throughout his or her medical career. It includes detailed coverage of the usual presentations of common diseases, but does not attempt to cover all aspects of the presentations of uncommon diseases unless their recognition is important for the well-being or survival of the child. Generously illustrated, this is a book for all who are learning the art of pediatric surgical diagnosis.
Minimally Invasive Thoracic and Cardiac Surgery
Textbook and Atlas
R. G. Inderbitzi, Thoraxzentrum Zurich, Zurich, Switzerland; R. A. Schmid, University Hospital Berne, Berne, Switzerland; F. Melfi, University of Pisa, Pisa, Italy; R. P. Casula, St. Mary’s Hospital, London, United Kingdom (Eds)

Features
► Detailed description of practicalities of minimally invasive thoracic and cardiac surgery
► World’s best surgeons provide authoritative, comprehensive and complete account of their respective fields.
► Unique and only textbook on minimal invasive surgery and robotic surgery in the chest

It is now 20 years since thoracoscopic surgery first entered everyday hospital practice, revolutionizing surgery and offering major benefits to patients. The intervening years have witnessed rapid progress, with the development of a variety of specialized techniques and equipment. This superbly illustrated book provides authoritative and comprehensive descriptions of the various minimally invasive techniques that are currently employed in thoracic and cardiac surgery. A wide range of thoracoscopic procedures are explained and discussed, and detailed attention is also paid to robotic and robot-assisted surgical techniques. Throughout, the emphasis is on clear description of procedures and identification of practical aspects of relevance in surgical practice. The authors are some of the world’s most experienced thoracic and cardiac surgeons, and many of them have contributed greatly to the exploration and development of the field.

ISBN 978-3-642-11860-9

2012. XIV, 530 p. 428 illus., 399 in color.
Hardcover
► € 179.95 | £162.00
► * € (D) 192.55 | € (A) 197.94 | sFr 240.00

Bookstore Location
Medicine

Fields of interests
Minimally Invasive Surgery; Thoracic Surgery; Cardiac Surgery

Target groups
Professional/practitioner

Product category
Contributed volume
Atlas of Robotic Prostatectomy

H. John, Kantonsspital Winterthur, Switzerland; P. Wiklund, Karolinska University Hospital, Stockholm, Sweden; J. H. Witt, Klinik für Urologie, Gronau, Germany (Eds)

Features
- Specifically designed for use by surgeons
- Provides a beautifully illustrated, step-by-step guide to all aspects of the procedure, based on prostate and pelvic anatomy
- Depicts in detail the techniques that can be employed to achieve excellent oncological and functional results
- Pays due attention to various special situations
- Includes a supporting DVD

In many centers of excellence in Urology, robotic prostatectomy has become the first choice for the surgical treatment of localized prostate cancer owing to benefits such as reduced pain and minimization of impotence and incontinence. This atlas, specifically designed for use by surgeons, provides a beautifully illustrated, step-by-step guide to all aspects of the procedure. The various techniques that can be employed to achieve excellent oncological and functional results are carefully depicted in appropriate detail; for example, nerve-sparing techniques, bladder neck reconstruction, and approaches aimed at the early restoration of continence are clearly described. Special situations, such as prior prostate surgery, a large prostate, and salvage prostatectomy, are also fully covered. The information contained in this atlas will be of great value in enabling surgeons to improve their results and to take full advantage of the benefits of robotic prostatectomy compared with open prostatectomy.
Sleep Disordered Breathing in Children
A Comprehensive Clinical Guide to Evaluation and Treatment
L. Kheirandish-Gozal, D. Gozal, University of Chicago, IL, USA (Eds)

Features
► Unique, comprehensive, up-to-date review of pediatric SDB issues
► First full critical review of the evidence on current therapeutic approaches to SDB
► Evaluation of all techniques in place for assessment of SDB in children
► Targeted overview of the clinical manifestations and characteristics of at-risk populations for SDB
► Chapters written by international, renowned group of authors

Sleep Disordered Breathing in Children: A Comprehensive Clinical Guide to Evaluation and Treatment is a comprehensive, timely and up-to-date review of pediatric sleep disordered breathing (SDB) and offers a thorough focus on several key areas: namely, the normal development and maturation of the airway and breathing during sleep, the techniques that are in place for assessment of SDB in children, the clinical manifestations and characteristics of several pediatric populations at risk for SDB, the implications of SDB in various end-organ systems, and, finally, a critical review of the evidence on current therapeutic approaches. This unique and complete text is of welcome interest to all practicing physicians and healthcare professionals who evaluate children with sleep problems -- namely pulmonologists, pediatricians, sleep physicians, pediatric neurologists, pediatric otolaryngologists, and family practitioners, as well as clinical researchers, pediatric nurse practitioners and respiratory therapists. Written by a distinguished and international panel of authors who are renowned experts in their field and who offer an expanded view of the problems associated with SDB, Sleep Disordered Breathing in Children: A Comprehensive Clinical Guide to Evaluation and Treatment is an indispensable resource for all physicians who evaluate children for sleep-disordered breathing.
Radiology Illustrated: Gynecologic Imaging
S. H. Kim, Seoul National University Hospital, Seoul, Republic of Korea (Ed)

Features
► An up-to-date, image-oriented reference designed to be of value in clinical practice
► Presents the findings obtained with relevant imaging modalities in the full range of gynecologic conditions, as well as normal findings
► Contains an abundance of high-quality illustrations
► Will serve as an excellent aid to differential diagnosis and as a user-friendly review tool for certification or recertification in radiology

Radiology Illustrated: Gynecologic Imaging is an up-to-date, image-oriented reference in the style of a teaching file that has been designed specifically to be of value in clinical practice. Individual chapters focus on the various imaging techniques, normal variants and congenital anomalies, and the full range of pathology. Each chapter starts with a concise overview, and abundant examples of the imaging findings are then presented. In this second edition, the range and quality of the illustrations have been enhanced, and image quality is excellent throughout. Many schematic drawings have been added to help readers memorize characteristic imaging findings through pattern recognition. The organization of chapters by disease entity will enable readers quickly to find the information they seek. Besides serving as an outstanding aid to differential diagnosis, this book will provide a user-friendly review tool for certification or recertification in radiology.
Practical Preimplantation Genetic Diagnosis
A. Kuliev, Reproductive Genetics Institute, Chicago, IL, USA

Features
- Current and practical manual of preimplantation genetic diagnosis
- Contains material on genetics and embryology of the first 5 days of human development, making the book ideal for classroom use and course adoption

Although treatment remains the major goal in the control of genetic disease, this is not yet a reality for most inherited conditions. In the absence of radical treatment, preimplantation genetic diagnosis (PGD) offers the answer to the control of these inherited conditions by predicting reproductive outcome. PGD is now entering its third decade as an established procedure for genetic and assisted reproduction practices, with new and exciting developments changing the whole concept of prevention of congenital disorders. The availability of practical experience from tens of thousands of PGD cases makes it necessary to update the current information on its accuracy, reliability and safety. The Second Edition of this successful book updates the progress in prevention of genetic disorders to demonstrate the important place of PGD in primary preventive measures and its increasing role in providing the whole range of reproduction options to couples at risk. In addition, it provides an extensive review of the most recent developments within the field of PGD including, PGD for expanding indications such as de novo mutations, cancers, inherited cardiac diseases and combined PGD for single gene disorders, HLA typing and 24 chromosome testing in patients of advance reproductive age. This practical book is vital for all practitioners within the field of fertility, reproductive medicine and medical genetics. It will also be useful for those responsible for planning and organizing PGD services and provides a working manual for the establishment and performance of PGD in the framework of IVF and genetic practices.
Target Volume Delineation and Field Setup
A Practical Guide for Conformal and Intensity-Modulated Radiation Therapy
N. Y. Lee, Memorial Sloan-Kettering Cancer Center, New York, NY, USA; J. J. Lu, National University Cancer Institute, Singapore (Eds)

Features
► Practical handbook on selection and delineation of tumor volumes and fields for conformal radiation therapy, including IMRT
► Helpful format facilitating use on a step-by-step basis in daily practice
► Designed to ensure accurate coverage of commonly encountered tumors along their routes of spread

This handbook will enable radiation oncologists to appropriately and confidently select and delineate tumor volumes/fields for conformal radiation therapy, including intensity-modulated radiation therapy (IMRT), in patients with commonly encountered cancers. The orientation of this handbook is entirely practical, in that the focus is on the illustration of clinical target volume (CTV) delineation for each major malignancy. Each chapter provides guidelines and concise knowledge on treatment planning and CTV selection, explains how the anatomy of lymphatic drainage shapes target volume selection, and presents detailed illustrations of delineations, slice by slice, on planning CT images. While the emphasis is on target volume delineation for three-dimensional conformal therapy and IMRT, information is also provided on conventional radiation therapy field setup and planning for certain malignancies for which IMRT is not currently suitable.
**Principles of Renal Physiology**  
C. J. Lote, University of Birmingham, UK

**Features**
- A concise and easily readable text
- Ideal for undergraduate medical and medical science students
- This 5th Edition has been extensively revised and features a wealth of new and widely accepted information about kidney function and renal physiology

A good knowledge of renal physiology is essential to the understanding of many disease states. The purpose of the book is to set out the principles of renal physiology and normal renal function. Now in its 30th year of continuous publication, this new edition offers a logical progression through renal physiology and pathophysiology. In addition, the anatomy, physiology, pharmacology and pathology of the kidney are covered – making it highly suitable for system based courses. This 5th edition has been extensively revised and features a wealth of new and widely accepted information about kidney function. This includes our understanding of the role of the glycocalyx and structural proteins in glomerular filtration; details of tubular transport, tight junctions and paracellular transport; and an update of the loops of Henle functioning. **Principles of Renal Physiology, 5th Edition** is a concise and easily readable text ideal for undergraduate medical and medical science students.

ISBN 978-1-4614-3784-0

5th ed. 2012. XV, 204 p. 78 illus., 31 in color.  
Softcover  
- € 49.95 | £44.99  
- *€ (D) 53,45 | € (A) 54,95 | sFr 66,50

**Bookstore Location**  
Medicine

**Fields of interests**  
Nephrology; Human Physiology

**Target groups**  
Professional/practitioner

**Product category**  
Professional book
Available

**Encyclopedia of Immigrant Health**
S. Loue, Case Western Reserve University, Cleveland, OH, USA; M. Sajatovic, Case Western Reserve University, Cleveland, OH, USA (Eds)

**Features**
- A repository of knowledge for a broad field of study containing 586 entries
- Offers extensive cross-referencing to an interdisciplinary field of study
- Draws from the fields of public health, psychology, anthropology, sociology, and law
- Edited by Sana Loue, Director of the Center for Minority Public Health and Editor-in-Chief of Journal of Immigrant and Minority, and Martha Sajatovic, Director of Geropsychiatry at University Hospitals of Cleveland and Director of the Neurological Outcomes Center (NOC) at University Hospitals of Cleveland/Case Western Reserve University School of Medicine

The book adopts a biopsychosocial-historical approach to the topics covered in the chapters and the entries. Each entry includes suggested readings and suggested resources. The chapters and entries are written at a graduate level that is accessible to all academics, researchers, and professionals from diverse backgrounds. We consider the audience for the entries to be well educated, but a non-expert in this area. The primary focus of the book is on the immigrant populations in and immigration to magnet countries. References are made to worldwide trends and issues arising globally. In addition to the comprehensive subject coverage, the text also offers diverse perspectives. The editors themselves reflect the multidisciplinary nature of the topics, with expertise in psychiatry, law, epidemiology, anthropology, and social work. Authors similarly reflect diverse disciplines.

**Bookstore Location**
**Medicine**

**Fields of interests**
Medicine/Public Health, general; Sociology, general; Anthropology

**Target groups**
Research

**Product category**
Encyclopaedia

**Print**
- € 799,00 | £719.50
- *€ (D) 854,93 | € (A) 878,90 | sFr 1145,50

**eReference**
2012.
ISBN 978-1-4419-5659-0
- € 799,00 | £719.50
- **€ (D) 950,81 | € (A) 958,90 | sFr 1204,00

**Print + eReference**
2012. XXXVI, 1516 p. (2-volume-set)
ISBN 978-1-4419-5660-6
- € 999,00 | £899.50
- *€ (D) 1068,93 | € (A) 1098,90 | sFr 1432,50
**Adenosine**  
*A Key Link Between Metabolism and Central Nervous System Activity*  
S. Masino, Trinity College, Hartford, CT, USA; D. Boison, R. S. Dow Neurobiology Laboratories, Portland, OR, USA (Eds)

**Features**
- For many years the “retaliatory metabolite” and neuromodulator adenosine has been recognized as an endogenous anticonvulsant and neuroprotective molecule.
- As the core molecule of ATP and of nucleic acids, adenosine forms a unique link between cell energy, gene regulation, and neuronal excitability.
- Emerging evidence ignites new hope for adenosine-based therapies in the central nervous system.

Homeostasis of key metabolites and metabolic health affects all bodily systems. Not surprisingly, altered metabolic function is associated with a wide spectrum of dysfunctions in the central nervous system – including developmental disorders, acute nervous system injury, and neurodegenerative disorders. Accordingly, metabolism-based therapies offer significant promise as new category of treatment options designed to limit, delay or reverse the disease process by reconstructing homeostatic functions. Increasingly it is appreciated that restoring metabolic health could promote normal nervous system activity, and improve behavior and cognition. Adenosine: A Key Link Between Metabolism and Central Nervous System Activity focusses on diverse aspects of adenosine, an evolutionarily conserved homeostatic bioenergetic regulator in the central nervous system. Because of its interrelationship with ATP (adenosine triphosphate), adenosine is integral to cell metabolism. At the same time, adenosine influences neuronal activity directly via receptors, and is involved in biochemical processes related to gene expression. Thus, adenosine is uniquely placed as a reciprocal and rapid link between changes in metabolism and changes in neuronal activity, and, on a longer time scale, to changes in gene expression and long term changes in cell function. Leaders in the field feature basic research on adenosine at the cellular level in the central nervous system, and relate these findings to its recognized potential in diverse acute and chronic disorders. This comprehensive overview of adenosine also highlights emerging adenosine-based treatments and associated opportunities for central nervous system disorders.
FDG PET/CT in Clinical Oncology
Case Based Approach with Teaching Points
J. Mihailovic, Institute of Oncology, Novi Sad, Serbia; S. J. Goldsmith, New York-Presbyterian Hospital-Weill Cornell Medical Centre, USA; R. P. Killeen, Hermitage Medical Clinic, Dublin, Ireland

Features
- Organized according to the role of FDG PET/CT in the evaluation and management of oncology patients
- 100 informative cases reflecting the issues that clinicians address in their daily practice
- Ideal for all newcomers to the field, whether medical students, radiology, nuclear medicine, or oncology fellows, or practicing physicians

FDG PET/CT has rapidly emerged as an invaluable combined imaging modality that provides both anatomic and functional information. This book, comprising a collection of images from oncology cases, is organized according to the role of FDG PET/CT in the evaluation and management of oncology patients, and only secondarily by organ or tumor entity. In this way, it reflects the issues that clinicians actually address, namely: identification of an unknown or unsuspected primary; determination of the extent of disease; evaluation of response to therapy; and surveillance after response, i.e., detection of recurrent disease. In total, 100 cases involving different primary tumors are presented to illustrate findings in these different circumstances. FDG PET/CT in Clinical Oncology will be of great value to all newcomers to this field, whether medical students, radiology, nuclear medicine, or oncology fellows, or practicing physicians.
Encyclopedia of Exercise Medicine in Health and Disease
F. C. Mooren, Justus-Liebig-University Gießen, Germany (Ed)

Features
- Up-to-date database on the adaptation of the human body to exercise and on the therapeutic use of exercise
- A-Z format, clear, concise language and uniform essay structure for efficient, user-friendly searches both for experts and newcomers
- Available both in print and as a fully searchable and hyperlinked electronic online edition

The Encyclopedia of Exercise Medicine is intelligently structured, easy accessible and user-friendly: A-Z format, clear, concise language and uniform essay structure as well as extensive cross references between keywords and related articles enables efficient searches in a user-friendly manner both for experts and newcomers. It is intended to be a comprehensive up-to-date data base on the adaptation of the human body to exercise and on the therapeutic use of exercise with up to 2,000 keywords. It covers all aspects within the full range of modern exercise medicine of each particular scientific discipline (cancer, parasitology, aging, etc.). This includes information on methodological approaches to measuring the principle components of motor fitness, and practical aspects of their enhancement by trainings regimes as well as by nutrition and the application of drugs. Such a wide range of entries, all written by leading experts in their respective fields, will therefore address both the basic/clinical scientist as well as the practitioner. Moreover, the Encyclopedia of Exercise Medicine is aimed at people in related fields, health care professionals, physiotherapists, trainers, students, informed athletes and interested laypersons. It is available both in print and as a fully searchable and hyperlinked electronic online edition.
Clinical Trials in Rheumatology
R. Mueller, J. von Kempis, Kantonsspital, St. Gallen, Switzerland

Features
- Puts all the basic information on clinical trials in this area (i.e. immunosuppressant drugs) into the same place
- Provides all necessary information for delving deeper into any of the trials presented by providing the journal citation
- Provides all of the various names by which a particular trial may be referred to at meetings or in other publications to mitigate confusion
- Appendix with all acronyms and other abbreviations of clinical trials for quick reference

A huge number of therapeutic studies has been published in rheumatology and clinical immunology. This number grows substantially by the year. As such, it becomes increasingly difficult to keep track of this multitude of studies and the ensuing therapeutic trends. Further to this, a particular study can be referred to in a variety of ways, either as a shortened version of the title or an acronym, adding to the confusion. The book Clinical Trials in Rheumatology, Second Edition, provides an updated summary of the important studies in the field for easy reference. Every study is shown with name, acronym (if in existence), authors, complete citation, study design, and a short overview of the trial’s data and main conclusions. An acronym finder is supplied at the beginning of the book. This book is a valuable reference tool for rheumatologists and other clinical specialties, as well as for research scientists interested in immunomodulatory and selected other drug therapies in rheumatologic diseases.
**Geriatric Dermatology**

R. A. Norman, Tampa, FL, USA; J. Endo, University of Wisconsin, Madison, WI, USA

**Features**

- Concise practical guidance to board certified dermatologists and dermatologists in training
- Carefully themed to allow readers to gain a thorough practical knowledge of the wide range of cases they may see
- Carefully illustrated to highlight evidence-based practice

This concise practical guide is designed to facilitate the clinical decision-making process by reviewing a number of cases and defining the various diagnostic and management decisions open to clinicians. It is richly illustrated and diverse in scope, enabling the reader to obtain relevant information regarding both standard and unusual cases in a rapid, easy to digest format. The first in the series will be on Geriatric Dermatology and will be prepared within one month of acceptance and include photos. Each case will also include a narrative description and patient management tips.
Surgery of the Thyroid and Parathyroid Glands
D. Oertli, University Hospital Basel, Switzerland; R. Udelsman, Yale University School of Medicine, New Haven, CT, USA (Eds)

Features
▶ A unique in-depth and comprehensive reference that presents the latest information on all surgically relevant thyroid and parathyroid diseases
▶ Describes preoperative surgical evaluation, decision making, and operative strategies
▶ Discusses evolving modern operative techniques such as neuromonitoring and minimally invasive (videoscopic) approaches Written by international authorities

This book is a unique in-depth and comprehensive reference that covers all surgically relevant thyroid and parathyroid diseases and presents the latest information on their management. International authorities discuss operative techniques and treatments in detail and explain the rationales for their favored approaches. The topics of this second edition include the description of surgically relevant pathologies, preoperative surgical evaluation, decision making, and operative strategies for the various thyroid and parathyroid diseases. In addition, experts present the molecular basis for thyroid neoplasia, review the current understanding of the genetics of inherited thyroid and parathyroid diseases, and discuss the management of recurrent and locally invasive thyroid cancer. Evolving modern operative techniques such as neuromonitoring and minimally invasive (videoscopic) approaches to the thyroid and parathyroids are also covered.
Neuroscience in the 21st Century
From Basic to Clinical
D. W. Pfaff, Rockefeller University, New York, NY, USA (Ed)

Features
► Offers medical students and graduate researchers around the world a comprehensive introduction and overview of modern neuroscience
► Aims to encourage the initiation of neuroscience programs in developing countries
► Edited and authored by a wealth of international experts in neuroscience and related disciplines

Neuroscience in the 21st Century is intended to be the most comprehensive print + online tutorial in neuroscience ever written. Under the editorial direction of the world’s leading neuroscientists, and with thorough coverage of both basic and clinical areas (including significant illustration and multimedia content), it will be used as a tutorial and reference by both students and researchers in neuroscience, neurology, and related fields. Its scope will dwarf the two current major neuroscience textbooks in print, and its wide accessibility and ease-of-use in an online format could easily make it a go-to source for information. Since it is intended to be a tutorial, organized by subject, it should not directly compete with our current Encyclopedia of Neuroscience.
Cancer Chemotherapy in Clinical Practice
T. Priestman, New Cross Hospital, Wolverhampton, UK

Features
▶ Gives an overview of how different treatments relate to different cancers, and different stages of cancer development
▶ Specifically relates different drug treatments to the natural history of cancer, from gene mutation to metastasis
▶ Includes a number of simple diagrams to help to reinforce, and further clarify some of the basic biological principles being discussed

A simple introduction explaining the broad principles underlying chemotherapy, this book gives trainees a framework within which they can place the specific aspects of cancer chemotherapy they encounter in their everyday experience. The first part of this book is unique in explaining the recent developments in the field in terms of their point of action in the natural history of cancer. The second and third sections contain a more straightforward description of practical aspects of chemotherapy, and the current place of drug treatment in everyday cancer management, including the outcomes of that treatment.
**Neural Development and Stem Cells**

*M. S. Rao*, Invitrogen Corporation, Frederick, MD, USA; *M. Carpenter*, Carpenter Group Consulting, Inc., Black Diamond, WA, USA; *M. C. Vemuri*, Life Technologies, Frederick, MD, USA (Eds)

**Features**
- Includes new information about development of neural stem cells for clinical applications
- Offers new chapters on neural transplantation and development of neural stem cells using reprogramming technologies
- Describes derivation of neural cells from embryonic stem cells and induced pluripotent stem cells

This expanded and updated edition reflects the enormous increase in our knowledge of the development of the nervous system and the use of neural stem cells in clinical applications. Integrating new information about the use of development of neural stem cells for clinical applications, Drs. Rao, Carpenter and Vemuri have added additional chapters on neural transplantation and development of neural stem cells using reprogramming technologies. A new chapter on cancer in nervous system delineates how the fundamental biology of neural stem cells informs our understanding of cancer and tumor formation in the nervous system. Special attention is paid to the derivation of neural cells from embryonic stem cells and induced pluripotent stem cells. Authoritative and up-to-date, *Neural Development and Stem Cells*, 3rd Edition provides neuroscientists with a handy guide to stem cells in the nervous system, tracing with great clarity the development of stem cells from differentiation to neurons, astrocytes, and oligodendrocytes.
Emergency Neurology
K. L. Roos, Indiana University School of Medicine, Indianapolis, IN, USA (Ed)

Features
- Essential text for anyone involved in the diagnosis and treatment of neurological emergencies
- Appendix includes differential diagnosis tables and algorithms for quick reference
- Written by world renowned leaders in neurological education

The most common problems for which patients present to the Emergency Department are neurological disorders, including stroke, syncope, back pain and headache. The etiology of the patient’s symptoms may be life-threatening, that is, when headache is due to subarachnoid hemorrhage or meningitis, or life-altering, that is, when back pain or weakness is due to spinal cord compression, if not diagnosed and treated urgently. This is a comprehensive textbook of the disorders that are neurological emergencies, including their differential diagnosis, diagnosis and treatment. Designed for any practitioner who makes time-sensitive decisions, Emergency Neurology is an indispensable, one-stop resource to aid your clinical decision-making.
Due August 2012

**Physics and Radiobiology of Nuclear Medicine**

G. B. Saha, The Cleveland Clinic Foundation, OH, USA

**Features**

- Includes fully-revised and updated chapters
- Encompasses major topics in nuclear medicine
- Ideal for Board and Registry exams

The Fourth Edition of Dr. Gopal B. Saha's Physics and Radiobiology of Nuclear Medicine was prompted by the need to provide up-to-date information to keep pace with the perpetual growth and improvement in the instrumentation and techniques employed in nuclear medicine since the last edition published in 2006. Like previous editions, the book is intended for radiology and nuclear medicine residents to prepare for the American Board of Nuclear Medicine, American Board of Radiology, and American Board of Science in Nuclear Medicine examinations, all of which require a strong physics background. Additionally, the book will serve as a textbook on nuclear medicine physics for nuclear medicine technologists taking the Nuclear Medicine Technology Certification Board examination. The Fourth Edition includes new or expanded sections and information for: * PET/MR, including the attenuation correction method and its quality control tests; * accreditation of nuclear medicine and PET facilities; * solid state digital cameras; * time of flight and scatter correction techniques; * CT scanners and attenuation correction in SPECT/CT; * partial volume effects; * quality control of CT scanners; * ion chamber survey meters, proportional counters, and G-M counters.


Hardcover
- € 69,95 | £62.99
- *€ (D) 74,85 | € (A) 76,95 | sFr 93,50

**Bookstore Location**

Medicine

**Fields of interests**

Nuclear Medicine; Imaging / Radiology;
Diagnostic Radiology

**Target groups**

Professional/practitioner

**Product category**

Professional book
Forthcoming
Due September 2012


2013. 1100 p. 1163 illus. Hardcover
► approx. € 199,95 | £179.50
► approx. * € (D) 213,95 | € (A) 219,94 |
sFr 286,00

Bookstore Location
Medicine

Fields of interests
General Surgery; Colorectal Surgery; Minimally Invasive Surgery

Target groups
Professional/practitioner

Product category
Atlas

Chassin’s Operative Strategy in General Surgery
An Expositive Atlas, Fourth Edition
C. E. Scott-Conner, University of Iowa, IA, USA (Ed)

Features
► Extensively revised and expanded with new procedures and new features
► Emphasis on surgical strategy unmatched by other textbooks of surgical technique
► Over 1100 elegant illustrations and new photographs
► Includes “Surgical Legacy Techniques” unique to this text

The Fourth Edition of Chassin’s Operative Strategy in General Surgery: An Expositive Atlas is designed to expand this comprehensive and unique general surgery reference while remaining true to the special character of the work. This unique text continues to provide an emphasis on surgical strategy that is unmatched by other textbooks of surgical technique. It continues to comprehensively cover all non-vascular operations commonly performed by general surgeons. As always, Chassin’s explains the conceptual basis of each operation, outlines strategies to avoid common pitfalls, and carefully describes and beautifully illustrates the technical steps of each operation. The Fourth Edition has been expanded and updated by adding both new procedures and new features. A significant new feature, “Documentation Basics” has been added to each chapter providing a bulleted list of key features that need to be listed in the operative note. General surgery continues to evolve. Procedures are added and many operations are done through new minimal access approaches. However, as a surgeon may be called upon to perform an operation that has become rare, Chassin’s unique “legacy” material will be used. In addition, 17 new chapters have been added including 4 new chapters (with new artwork from the original artist) on colorectal surgery. Over 1100 elegant illustrations and new photographs accompany detailed textual explanations. More than ever, Chassin’s Operative Strategy in General Surgery: An Expositive Atlas, Fourth Edition will remain an indispensable reference for all surgical residents and practicing surgeons.
Manual of Diagnostic and Therapeutic Techniques for Disorders of Deglutition

R. Shaker, Medical College of Wisconsin, Milwaukee, WI, USA; C. Easterling, The University of Wisconsin-Milwaukee, WI, USA; P. C. Belafsky, University of California-Davis Medical Center, Sacramento, CA, USA; G. N. Postma, Medical College of Georgia, Augusta, GA, USA (Eds)

Features

► Provides a one-stop destination for members of all specialties to obtain state-of-the-knowledge information on advanced diagnostic modalities and management

Manual of Diagnostic and Therapeutic Techniques for Disorders of Deglutition is the first in class comprehensive multidisciplinary text to encompass the entire field of deglutition. The book is designed to serve as a treasured reference of diagnostics and therapeutics for swallowing clinicians from such diverse backgrounds as gastroenterology, speech language pathology, otolaryngology, rehabilitation medicine, radiology and others. Manual of Diagnostic and Therapeutic Techniques for Disorders of Deglutition brings together up-to-date information on state-of-the–art diagnostic and therapeutic modalities form disciplines of gastroenterology, speech language pathology, otolaryngology and radiology through contributions of 28 innovators, and master clinicians for the benefit of patients and providers alike. It concisely organizes the wealth of knowledge that exists in each of the contributing disciplines into one comprehensive information platform. It is an essential reference for all deglutologists.


2013. XI, 413 p. 72 illus., 31 in color.
Softcover
► approx. € 39.95 | £33.99
► approx. *€ (D) 42,75 | € (A) 43,95 | sFr 49,50

Bookstore Location
Medicine

Fields of interests
Otorhinolaryngology; Gastroenterology;
Speech Pathology

Target groups
Professional/practitioner

Product category
Handbook
Principles of Deglutition
A Multidisciplinary Text for Swallowing and its Disorders

R. Shaker, Medical College of Wisconsin, Milwaukee, WI, USA; P. C. Belafsky, University of California-Davis Medical Center, Sacramento, CA, USA; G. N. Postma, Medical College of Georgia, Augusta, GA, USA; C. Easterling, The University of Wisconsin-Milwaukee, WI, USA (Eds)

Features

- Dr. Shaker is one the founders of the Dysphagia Research Society and the Medical College of Wisconsin’s Dysphagia Institute.

Principles of Deglutition is the first in class comprehensive multidisciplinary textbook to encompass the entire field of normal and disordered deglutition. It is designed as the definitive text for all those who desire to further their knowledge of the dynamic and expanding field of deglutology. The text is created to serve as a treasured reference for clinicians, educators and trainees from such diverse backgrounds as gastroenterology, speech language pathology, otolaryngology, rehabilitation medicine, radiology and others. Principles of Deglutition brings together the state-of-knowledge from 12 disciplines involved in dysphagia through contributions of over one hundred thought leaders and master clinicians for the benefit of patients and providers alike. It concisely organizes the wealth of knowledge that exists in each of the contributing disciplines into one comprehensive information platform. Principles of Deglutition provides a one-stop destination for members of all specialties to obtain state-of-the-art and critically reviewed information regarding deglutition physiology, pathophysiology, diagnosis and management. It delivers a comprehensive and in depth review of deglutition related cerebral cortical, brainstem, peripheral nerves, and neuromuscular mechanisms, advanced diagnostic modalities and standard of care and cutting edge medical, rehabilitative and surgical treatments. It is an essential reference for all deglutologists.


- 2013. XXIII, 1004 p. 348 illus., 229 in color. Hardcover
- € 199,95 | £180.00
- *€ (D) 213,95 | € (A) 219,94 | sFr 266,50

Bookstore Location

Medicine

Fields of interests

Otorhinolaryngology; Gastroenterology; Speech Pathology

Target groups

Graduate

Product category

Graduate/Advanced undergraduate textbook
Advanced Aesthetic Rhinoplasty
Art, Science, and New Clinical Techniques
M. A. Shiffman, Tustin, CA, USA; A. Di Giuseppe, Ancona, Italy (Eds)

Features
▶ Provides up-to-date information on a wide range of advanced primary and secondary rhinoplasty techniques
▶ Clearly explains ethnic variations in anatomy and techniques, and possible risks and complications
▶ Includes a wealth of high-quality color illustrations

Aesthetic rhinoplasty is among the most common aesthetic operations in the field of facial aesthetic plastic surgery, but it is also viewed as one of the most complex. This comprehensive book provides a wealth of up-to-date information on advanced aesthetic rhinoplasty techniques. After discussion of anatomy, psychological issues, and preoperative planning, a wide range of primary and secondary rhinoplasty techniques are described clearly and in detail with the aid of numerous high-quality color illustrations. The use of fillers in rhinoplasty, ethnic variations in anatomy and techniques, and possible risks and complications are all clearly explained. This book is intended primarily for experienced surgeons in the fields of plastic surgery, cosmetic surgery, general surgery, otolaryngology, ophthalmology, oral maxillofacial surgery, and cosmetic surgical subspecialties. It will also be an invaluable resource for residents and fellows.
Imaging of the Cervical Spine in Children

L. E. Swischuk, University of Texas Medical Branch, Galveston, TX, USA

Features
► Provides practitioners with an insightful approach to pediatric cervical spine injuries
► Radiology residents and those who work in trauma imaging will appreciate the practical guidelines contained in this thorough yet concise book
► Provides constant emphasis on normal anatomic and physiologic phenomena which mimic pathology

Dr. Leonard Swischuk has revised his outstanding work on imaging the cervical spine in children. He draws upon his extensive experience to provide practitioners with an insightful approach to pediatric cervical spine injuries. The text covers developmental anatomy, normal variants, congenital anomalies, abnormalities of the dens, trauma, and miscellaneous abnormalities of the cervical spine. The book has several strengths that appeal to radiology residents, such as its succinct overview of the topic and helpful reference lists that guide readers to additional resources. Dr. Swischuk illustrates conditions he discusses with excellent plain film examples that help residents identify cases they are likely to encounter during board exams and in practice. Accompanying CT and MR images clarify and qualify the findings. Dr. Swischuk’s direct writing style makes the complex content highly accessible, providing imaging residents with an invaluable introduction to pediatric cervical spine radiology.
Advanced Techniques in Diagnostic Microbiology
Y.-W. Tang, C. W. Stratton, Vanderbilt University Medical Center, Nashville, TN, USA (Eds)

Features
► Provides a comprehensive and up-to-date description of advanced methods that have evolved for the diagnosis of infectious diseases in the routine clinical microbiology laboratory
► Up to date new edition to the popular original
► Written by experts in the field

This second edition again provides an updated and comprehensive description of the ongoing evolution of molecular methods for the diagnosis of infectious diseases. In addition, many new chapters have been added, including a chapter on the clinical interpretation and relevance of advanced technique results. The second edition, like the first edition, includes both a “techniques” section describing the latest molecular techniques and an “applications” section describing how these advanced molecular techniques are being used in the clinical setting. Finally, the second edition, like the first edition, utilizes a diverse team of authors who have compiled chapters that provide the reader with comprehensive and useable information on advanced molecular microbiology techniques.

ISBN 978-1-4614-3969-1

2nd ed. 2012. II, 1672 p. 133 illus., 78 in color. Hardcover
► € 199.95 | £180.00
► *€ (D) 213.95 | € (A) 219.94 | sFr 266.50

Bookstore Location
Biomedicine

Fields of interest
Medical Microbiology

Target groups
Research

Product category
Contributed volume
Nutritional Health
Strategies for Disease Prevention
N. J. Temple, Athabasca University, AB, Canada; T. Wilson, Winona State University, MN, USA; D. R. Jacobs, Jr., University of Minnesota, Minneapolis, MN, USA (Eds)

Features
➤ Revised and expanded third edition
➤ Up to date and comprehensive
➤ Written by world renowned experts in Nutrition

Now going into its third much-expanded edition, the highly praised Nutritional Health: Strategies for Disease Prevention has been brought fully up to date to include all the new thinking and discoveries that have the greatest capacity to improve human health and nutritional advancement. About half the new edition will be revised and updated from the second edition while the other half will consist of major revisions of previous chapters or new subjects. Like the two previous editions the book will consist of general reviews on various topics in nutrition, especially those of much current interest. The authors provide extensive, in-depth chapters covering the most important aspects of the complex interactions between diet, its nutrient components, and their impacts on disease states, and on those health conditions that increase the risk of chronic diseases. Up to date and comprehensive, Nutritional Health: Strategies for Disease Prevention, Third Edition offers physicians, dietitians, and nutritionists a practical, data-driven, integrated resource to help evaluate the critical role of nutrition.
Structural Biology
Practical NMR Applications
Q. Teng, College of Pharmacy, University of Georgia, Athens, GA, USA

Features
► Includes updates from 2005 edition
► Reviews recent developments in NMR development and applications in biological systems
► New data & figures will be of great value to researchers in the field of biochemistry, chemistry, structural biology and biophysics

This 2nd edition begins with an overview of NMR development and applications in biological systems. It describes recent developments in instrument hardware and methodology. Chapters highlight the scope and limitation of NMR methods. While detailed math and quantum mechanics dealing with NMR theory have been addressed in several well-known NMR volumes, chapter two of this volume illustrates the fundamental principles and concepts of NMR spectroscopy in a more descriptive manner. Topics such as instrument setup, data acquisition, and data processing using a variety of offline software are discussed. Chapters further discuss several routine strategies for preparing samples, especially for macromolecules and complexes. The target market for such a volume includes researchers in the field of biochemistry, chemistry, structural biology and biophysics.
Management of Complications of Cosmetic Procedures
Handling Common and More Uncommon Problems
A. Tosti, Department of Dermatology, and Cutaneous Surgery, Miller School of Medicine, University of Miami, Miami, FL USA; K. Beer, Palm Beach Esthetic Center, West Palm Beach, FL, USA; M. P. De Padova, University of Bologna, Italy (Eds)

Features
► Identifies both common and uncommon side-effects and complications of the most frequently used procedures in aesthetic dermatology
► Explains clearly how to avoid and to treat these side-effects and complications
► Fully illustrated text that is easy to consult
► Designed for both beginners and experienced dermatologists who want to start performing new procedures

The demand for cosmetic procedures is increasing worldwide. This book presents all the potential side-effects and complications of the most frequently used procedures in aesthetic dermatology and provides sound practical advice on their management. It will be helpful not only to beginners but also to experienced dermatologists who want to start performing new procedures. The text is fully illustrated and very simple to consult. For each procedure, the book discusses both common and uncommon side-effects and complications, provides tips on how to avoid them, and explains clearly how they are best treated.

ISBN 978-3-642-28414-4

2012. X, 88 p. 66 illus. in color. Hardcover
► € 79.95 | £72.00
► *€ (D) 85,55 | € (A) 87,95 | sFr 106,50

Bookstore Location
Medicine

Fields of interests
Dermatology; Plastic Surgery

Target groups
Professional/practitioner

Product category
Contributed volume
Infected Total Joint Arthroplasty
The Algorithmic Approach
R. Trebše (Ed)

Features
- The basis of the approach is the 10-year-follow-up of currently 100+ patients diagnosed and treated always according the same algorithm
- Logical presentation of evidence based approach to each algorithm

There are a variety of protocols that are used in infected total joint arthroplasty. This book will outline and detail the best possible course of treatment and formulate custom algorithms for every possible case, based on current evidence. Reviews of current concepts and “recipes” for the diagnostic and therapeutic procedures (surgical and antibiotic) based on the type of implant, infection and the patient. The book will be an essential resource on infected total joint arthroplasty, containing a series of logical and highly detailed instructions that will serve to educate orthopedic surgeons operating in this field on the best approaches, according to detailed and careful research conducted over the last decade.
Alcohol, Nutrition, and Health Consequences

R. R. Watson, University of Arizona, Tucson, AZ, USA; V. R. Preedy, King's College London, UK; S. Zibadi, University of Arizona, Tucson, AZ, USA (Eds)

Features

- Defines the causes and types of nutritional changes due to alcohol use
- Reviews specific areas involving alcohol-related damages due to nutritional changes
- Desk reference for primary care physicians, dietitians, alcohol therapists and researchers

Chronic alcohol use is associated with heart, liver, brain, and other organ pathology. Alcohol is a drug of abuse and a caloric food and it causes poor intake and absorption of nutrients, thus playing a major role in many aspects of clinical consequences. Alcohol use lowers consumption of fruit and vegetables, lowers tissue nutrients, and, in some cases, requires nutritional therapy by clinicians. Alcohol, Nutrition, and Health Consequences will help the clinician define the causes and types of nutritional changes due to alcohol use and also explain how nutrition can be used to ameliorate its consequences. Chapters present the application of current nutritional knowledge by physicians and dietitians. Specific areas involving alcohol-related damage due to nutritional changes are reviewed, including heart disease, obesity, digestive tract cancers, lactation, brain function, and liver disease. In addition, alcohol’s effects on absorption of minerals and nutrients, a key role in causing damage are treated. The importance of diet in modifying alcohol and its metabolite damage is also explained. Alcohol, Nutrition, and Health Consequences is essential reading for alcohol therapists and researchers as well as primary care physicians and dietitians and is an easy reference to help the clinician, student, and dietitian comprehend the complex changes caused by direct and indirect effects of ethanol at the cellular level via its nutritional modification.
Neoplastic Diseases of the Blood
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Features
► An excellent general reference source spanning the range of hematologic neoplastic disorders from a clinical perspective
► Highly recommended to any practicing clinician with an interest in the diagnosis and treatment of hematologic malignant neoplasms
► A classic text that integrates the history, epidemiology, pathology, pathophysiology, and therapeutics of neoplastic hematopathology

Neoplastic Diseases of the Blood integrates the history, epidemiology, pathology, pathophysiology, and therapeutics of modern neoplastic hematopathology. The book is divided into five major sections, with the first four covering the spectrum of hematologic neoplasia—Chronic Leukemias and Related Disorders, Acute Leukemias, Myeloma and Related Disorders, and Lymphomas. The fifth section covers a variety of topics in supportive care. Now in its fifth edition, this classic and invaluable text brings together a team of internationally renowned experts and offers in-depth coverage of the complex interface between diagnosis and therapy. Chapters feature an accessible and easy-to-read layout and provide updates on the tremendous progress made in the last decade in the understanding of the nature of hematologic malignancies and their treatment. An authoritative and indispensable resource for students, trainees, and clinicians, this fifth edition is sure to distinguish itself as the definitive reference on this topic.