Advances and Technical Standards in Neurosurgery

Volume 36

A. Alexandre, EUNI, Treviso, Italy; M. Masini, School of Medicine, University of Planalto Central and South Lake Hospital, Brazil, Brazil; P. P. Menchetti, Florence and Rome University, Florence, Italy (Eds.)

Non-Vascular Interventional Radiology of the Abdomen

R. S. Arellano, Massachusetts General Hospital, Harvard School of Medicine, Boston, MA, USA

This book is designed to provide a foundation for physicians-in-training and a quick guide to further enhance the skills set of practicing interventionalists. It is a concise reference manual covering the major aspects of clinical scenarios, procedures, and techniques. Non-Vascular Interventional Radiology of the Abdomen expertly addresses the planning and execution of commonly encountered procedures, including organ-specific biopsies, abscess drainage, urinary interventions, gastronomy, gastrojejunoscopy, and biliary interventions.

Features
- Provides an up-to-date high-yield reference for non-vascular interventional abdominal techniques
- Appropriate for physicians-in-training as well as practicing interventionists seeking to sharpen their skills
- Presents a logical organ-based approach to the remit of percutaneous procedures

Contents
Patient Evaluation and Preparation - Image-Guided Percutaneous Biopsy - Percutaneous Abscess Drainage - Percutaneous Urinary Interventions - Percutaneous Gastroscopy and Gastrojejunoscopy - Biliary Interventions

Fields of interest
Interventional Radiology; Imaging / Radiology

Target groups
Professional/practitioner

Type of publication
Contributed volume

Advances in Minimally Invasive Surgery and Therapy for Spine and Nerves

Radiologists, orthopedic and neurological surgeons present the different minimally invasive methods. Peripheral nerve problems and problems concerning differential diagnosis in special situations, such as between radicular and peripheral nerve trunk lesions are discussed, pinpointing the significance of different diagnostic tools. Minimally invasive techniques, utilized nowadays to minimize bone demolition, scarring and risk of recurrence are analyzed. Microdiscectomy is compared with the results of intradiscal techniques, and new methods are discussed facing problems such as epidural fibrosis, microinstability, osteoporotic or neoplastic or posttraumatic vertebral lesions.

Features
- The different minimally invasive methods are discussed
- Problems concerning differential diagnosis are highlighted

Fields of interest
Neurosurgery; Surgical Orthopedics

Target groups
Research

Type of publication
Contributed volume
Head and Neck Cancer
Multimodality Management

Written by leading international physicians and investigators, this innovative multi-disciplinary book presents the most up-to-date research and clinical approaches to squamous cell carcinomas of the head and neck. In recent years, great advances in translational research have lead to new treatment paradigms. This book covers such progress in a number of clinical settings including programs of organ and function preservation, curative treatments of unresectable disease, adjuvant treatments in high-risk patients, and palliative approaches for recurrent/metastatic disease. Complementary to the techniques of surgery, radiotherapy and chemotherapy, the authors present data on epidemiology, molecular pathology, normal tissue complications, rehabilitation, palliative care, treatment in the elderly, and socio-economic aspects. State-of-the-art functional imaging techniques are covered. The latest developments in high precision techniques in irradiation, sequencing treatments of chemo- and radiotherapy, as well as the integration of biomolecular therapies into cytotoxic treatments are also explored.

Digital Mammography

This state-of-the-art reference book provides in-depth coverage of all aspects of digital mammography, including detector technology, image processing, computer-aided diagnosis, soft-copy reading, digital workflow, and PACS. Specific advantages and disadvantages of digital mammography in comparison to screen-film mammography are thoroughly discussed. By including authors from both North America and Europe, the book is able to outline variations in the use, acceptance, and quality assurance of digital mammography between the different countries and screening programs. Advanced imaging techniques and future developments such as contrast mammography and digital breast tomosynthesis are also covered in detail. All of the chapters are written by internationally recognized experts and contain numerous high-quality illustrations. This book will be of great interest both to clinicians who already use or are transitioning to digital mammography and to basic scientists working in the field.

Features
► Provides state-of-the-art coverage of all aspects of modern digital mammography► Discusses in detail new techniques, including image processing, computer-aided diagnosis, contrast-enhanced mammography, and tomosynthesis► Written by internationally recognized experts, including both physicians and medical physicists► Includes numerous high-quality illustrations

Fields of interest
Imaging / Radiology; Diagnostic Radiology; Biophysics and Biological Physics

Target groups
Professional/practitioner

Type of publication
Monograph

Inflammatory Dermatopathology
A Pathologist’s Survival Guide

Inflammatory Dermatopathology: A Pathologist’s Survival Guide provides expert guidance for the reader to develop a systematic approach to the diagnosis of inflammatory disorders of the skin. It covers the most common and clinically important inflammatory disorders of the skin through an image-rich easy to read format. Each section includes practical tips to help navigate the differential diagnosis. Microscopic features are listed as bullet points to enhance readability. Examples of diagnostic comments that practicing pathologists can utilize in their own reports are also provided. Demonstrating a global understanding of inflammatory dermatoses in a quick and efficient manner, Inflammatory Dermatopathology: A Pathologist’s Survival Guide will both guide the reader in how to approach inflammatory dermatoses, as well as provide a tool that will help with the writing of surgical pathology reports.

Features
► Single authored work maintains consistent style and format for easy reference► Each section includes Practical Tips► Microscopic features are listed as bullet points► Richly illustrated with color figures, illustrations and tables

Fields of interest
Pathology; Dermatology

Target groups
Professional/practitioner

Type of publication
Monograph
Atomic Force Microscopy in Biomedical Research  
Methods and Protocols

With its ability to explore the surface of the sample by means of a local scanning probe and its use of dedicated software allows to visualize results, atomic force microscopy (AFM) has revolutionized the study of the smallest aspects of life. Atomic Force Microscopy in Biomedical Research: Methods and Protocols proves that this technology is no longer simply just another form of microscopy but has given rise to a completely new way of using microscopy that fulfills the dreams of all microscopists: being able to touch, move, and interact with the sample while it is being examined, thus making it possible to discover not only morphological but also chemical and physical structural information. Covering such topics as molecule imaging, nanoscale surface analysis and cellular imaging, force-spectroscopy, investigating drug action, and AFM as a nanotool, this volume features the most up-to-date techniques currently in use.

Features
► Applicable to a wide variety of fields and disciplines  
► Features a comprehensive collection of practical applications and techniques  
► Includes tips from the experts as well as key implementation advice

Fields of interest
Imaging / Radiology; Biological Microscopy

Target groups
Professional/practitioner

Type of publication
Contributed volume

Surgical Treatment of Colorectal Liver Metastases

Surgery is the gold standard treatment of colorectal liver metastases. Patients management had a dramatic evolution during the past years: more accurate diagnostic tools and more effective chemotherapy regimens have been introduced and surgical indications have been widely broadened.

A multidisciplinary treatment is now mandatory, involving oncologists, radiologists and gastroenterologists. However, many topics are still debated. In the present book all aspects of surgical treatment of colorectal liver metastases are analyzed based on a systematic, updated analysis of the literature. Aim of this book is to provide surgeons, oncologists and radiologists a clear overview of the state-of-the-art of treatment of colorectal liver metastases.

Features
► The aim of the present book is to elucidate the role of surgery in the therapeutic approach to colorectal liver metastases  
► An extensive literature review provides the basis for every chapter, allowing an analysis of current levels of evidence  
► Medical treatments and interventional procedures complementary to surgery are evaluated, omitting their exclusive application in the palliative setting

Contents

Field of interest
Medicine/Public Health, general

Target groups
Professional/practitioner

Type of publication
Contributed volume

Vascular Liver Disease  
Mechanisms and Management

Vascular Liver Disease: Mechanisms and Management covers all of the disease entities that stem from abnormalities that affect the hepatic vasculature. This multi-authored text includes the mechanisms and management of intrahepatic vascular disease, including the most common cause of vascular disease of the liver, cirrhosis. Other less common diseases of the liver vasculature are also covered such as sinusoidal obstruction syndrome (previously known as veno-occlusive disease), portal vein thrombosis, the Budd-Chiari syndrome and congenital vascular malformations.

Features
► Innovative approach to liver disease management  
► The only volume that focuses on the liver vasculature as a separate entity  
► Authors are authorities in their field, from six different countries

From the contents

Fields of interest
Hepatology; Gastroenterology; Cardiology

Target groups
Professional/practitioner

Type of publication
Contributed volume

Available
2011. XII. 184 p. 80 illus., 30 in color. Hardcover  
► € 139,95 | £126.00  
► – € (D) 149,75 | € (A) 153,94 | sFr 201,00  
ISBN 978-1-4419-8326-8

Due March 2011
2011. 416 p. 85 illus., 38 in color. Hardcover  
► € 159,95 | £144.00  
► – € (D) 171,15 | € (A) 175,94 | sFr 229,50  
Textbook of Rapid Response Systems

Concept and Implementation

Successor to the editors’ groundbreaking book on medical emergency teams, Textbook of Rapid Response Systems addresses the problem of patient safety and quality of care; the logistics of creating an RRS (resource allocation, process design, workflow, and training); the implementation of an RRS (organizational issues, challenges); and the evaluation of program results. Based on successful RRS models that have resulted in reduced in-hospital cardiac arrest and overall hospital death rates, this book is a practical guide for physicians, hospital administrators, and other healthcare professionals who wish to initiate an RRS program within their own institutions.

Features

► Successor to the groundbreaking book, DeVita, Hillman, and Bellomo, eds., MEDICAL EMERGENCY TEAMS (Springer, 2006)  
► Written by the world’s leading innovators in the development of Rapid Response Systems

From the contents


Fields of interest

Intensive / Critical Care Medicine; Emergency Medicine; Anesthesiology

Target groups

Professional/practitioner

Type of publication

Handbook

Due December 2010

2011. XVIII, 438 p. 44 illus. Softcover

► € 59,95 | £53.99
► “€ (D) 64,15 | € (A) 65,95 | sFr 86,00
ISBN 978-0-387-92852-4

Work and Cancer Survivors

Cancer survivors are returning to the workplace in higher numbers than ever before. This is a positive outcome of the “war on cancer”; however, many of these cancer survivors face the possibility of illness- or treatment-related complications; employer discrimination or harassment; and other serious concerns. Cancer Survivorship and Work reviews many of the issues relevant to cancer survivors in the workplace from the survivors’, employers’, and global perspectives. This interdisciplinary and international volume brings together experts in fields as varied as epidemiology, economics, rehabilitation, psychology, human factors and ergonomics; law; and public policy to create a unique, up-to-date reference of what is currently known and what needs to be considered in the future.

Features

► Cancer survivorship and work is a burgeoning area of research as an increasing number of cancer patients are surviving for the long term  
► Eighty percent of cancer survivors return to work

From the contents

Section I Introduction.- Chapter 1 Work in cancer survivors.- Section II Epidemiology.- Chapter 2 Descriptive epidemiology of return to work and work limitations: Prevalence and patterns among various cancer types.- Chapter 3 Qualitative studies of work in cancer survivors.- Chapter 4 Factors impacting work.- Chapter 5. Burden of work: Economic analyses.- Section III Models.- Chapter 6 Models of work and cancer survivors.- Section IV Measurement.- Chapter 8 Methods used to measure work productivity in chronic illness.

Fields of interest

Rehabilitation; Public Health/Gesundheitswesen; Oncology

Target groups

Research

Type of publication

Contributed volume

Due February 2011

2011. XXIII, 350 p. Softcover

► € 59,95 | £53.99
► “€ (D) 64,15 | € (A) 65,95 | sFr 86,00
ISBN 978-3-642-15888-9

Preparing and Delivering Scientific Presentations

A Complete Guide for International Medical Scientists

This book is intended to be the last in Ramón Ribes’ “Medical English” series, which is aimed at health care professionals who need English for their work but do not speak English on a day-to-day basis. Although much of the information provided will be useful for scientists of all backgrounds and nationalities, the book is aimed especially at non-native English-speaking physicians and biomedical scientists. It offers clear advice on a variety of topics relevant to the successful preparation and delivery of scientific presentations. Alongside guidance on the actual preparation and delivery of talks, helpful information is provided on such potential difficulties as dealing with questions, chairing sessions, and use of appropriate English. The book will offer encouragement for those embarking on a career in international science as well as practical advice on how to deal with a wide range of situations that may develop in the context of an international congress.

Features

► Adopts a “can-do” approach, showing how non-native English speakers can overcome the difficulties of preparing and delivering scientific presentations in English  
► Tackles usually overlooked aspects of preparing and delivering scientific presentations related to language usage and the culture of international scientific congresses

From the contents

To Speak or Not to Speak? Ten Questions to Ask Yourself before Agreeing to Give a Presentation.- Preparing a Talk.- Useful Language for Scientific Presentations.- Common Mistakes in English.- Delivering a Talk.- The Dreaded Questions and Comments Section.- Chairing a Session.- Attending an International Scientific Course.

Fields of interest

Medical/Health, general; Biomedicine general; Life Sciences, general

Target groups

Professional/practitioner

Type of publication

Manual

Available

2011. 140 p. 14 illus., 9 in color. Softcover

► approx. € 24,95 | £22.99
► “approx. “€ (D) 26,30 | € (A) 27,44 | sFr 36,00
ISBN 978-3-642-15889-6

J. Giba, Sentmenat, Spain; R. Ribes, Córdoba, Spain

M. Feuerstein, Uniformed Services University of the Health Sciences, Bethesda, MD, USA
**Vulvodinia**

**Strategie di diagnosi e cura**

Il dolore cronico vulvare, o “vulvodinia”, è una patologia diffusa che può avere un forte impatto sul benessere della donna. Nonostante sia frequentemente osservata nella pratica clinica quotidiana, resta un disturbo trascurato e può richiedere anche molti anni per essere correttamente diagnosticato. L’volume offre un panorama conciso delle ultime acquisizioni sulla diagnosi e la cura della vulvodinia e delle sue numerose comorbilità, ha un formato facile da leggere, con molti consigli pratici, e aiuta ad affrontare rapidamente ed efficacemente tutte le complesse e delicate problematiche che sottendono il disturbo. Questo libro si rivolge ai medici motivati a migliorare la qualità di vita delle donne che soffrono di vulvodinia, e in particolare ai Ginecologi e ai Medici di Medicina Generale.

**Features**

- Ad oggi nessuna pubblicazione specifica sull’argomento
- Must have per i medici Generali e le figure professionali coinvolte in ambito ginecologico
- Approccio didattico e funzionale, per un apprendimento passo dopo passo

**From the contents**

1 Epidemiologia del dolore vulvare e comorbilità sessuali
2 Vulvodinia: che cos’è in realtà
3 Vulvodinia e dispareunia: come affrontarle
4 Approccio clinico
5 Vulvodinia: che cosa la provoca
6 Fisiopatologia
7 Vulvodinia: che cosa dicono le donne
8 Conclusione

**Fields of interest**

Ostetricia/perinatologia; Ginecologia; Terapia del dolore

**Target groups**

Ginecologi e Medici di Medicina Generale.

**Type of publication**

Monografia

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**Intraoperative Irradiation**

**Techniques and Results**

The rationale for using intraoperative irradiation (IORT) is based on the realization that tolerable doses of external beam radiation are often insufficient to achieve control of locally advanced malignancies. In these instances, the IORT component of treatment becomes the optimal conformal technique of irradiation, since dose-limiting organs or structures can either be surgically displaced or protected by placement of lead shielding. This fully revised and expanded second edition is of interest to those with intraoperative electron (IOERT) capabilities, high-dose-rate brachytherapy (HDR-IORT) capabilities, or both. Techniques, indications, and results are discussed by disease site.

**Features**

- Details IORT indications, techniques, and results
- Covers issues of basic science and physics
- Provides a more balanced presentation of techniques and results by disease-site
- Multi-national and multi-disciplinary authorship including both radiation oncologists and surgeons

**Fields of interest**

Oncology

**Target groups**

Professional/practitioner

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**Frozen Section Library: Bone**

Frozen sections are performed while a patient is undergoing surgery as a basis for making an immediate diagnosis that will impact treatment decisions. Frozen section diagnosis is often a highly demanding situation for the pathologist who must render a diagnosis quickly for the patient and surgeon. The Frozen Section Library series will provide concise, user-friendly, site specific handbooks that are well illustrated and highlight the pitfalls, artifacts and differential diagnosis issues that arise in the hurried frozen section scenario.

**Features**

- Well Illustrated
- Concise Handbook
- Site Specific

**Contents**

INTRODUCTION.- BONE/OSTEOID PRODUCING LESIONS.- CARTILAGE- PRODUCING LESIONS.- FIBROUS AND FIBROHISTIOCYSTIC LESIONS.- GIANT CELL RICH LESIONS.- SMALL/ROUND CELL LESIONS.- CYSTIC AND VASCULAR LESIONS.- EPITHELIAL LESIONS.- SUGGESTED READINGS

**Field of interest**

Pathology

**Target groups**

Professional/practitioner

**Type of publication**

Handbook

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**Frozen Section Library: Bone**

Due April 2011

2nd ed. 2011. X, 490 p. 103 illus., 78 in color. (Current Clinical Oncology) Hardcover

- € 159.95 | £146.50
- approx. £ 175.94 | sFr 233.00 (ISBN 978-1-4419-8375-6)

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**Frozen Section Library: Bone**

Due March 2011

2011. 96 p. 123 illus., 101 in color. (Frozen Section Library, Series 0) Softcover

- € 99.95 | £90.00
- approx. £ 109.95 | sFr 143.50 (ISBN 978-1-4419-8137-0)
Pancreatic Disease
Protocols and Clinical Research

This book will contain the conclusions of a meeting from March 2007, of about 25 experts in pancreatology working together in small groups and plenary sessions to define the current state of knowledge in specific areas, and to develop ideal protocols and research questions for future investigation.

Features
- Up to date identifies current research areas
- Suggests most appropriate studies that need to be performed to advance knowledge
- Strong international list of collaborators/contributors; derived from a compressed consensus meeting ensuring wide acceptability and interest of the proposals

Contents
Acute pancreatitis in intensive care - Antibiotic prophylaxis in acute severe pancreatitis: Should we have a further study?. - Designing an optimal study for the management of infected pancreatic necrosis - Nutrition in acute pancreatitis - An optimal randomized study for pain control in acute pancreatitis - Endoscopic versus surgical drainage for chronic pancreatitis - Duodenum preserving pancreatic resection with pancreatic duct drainage: What is the role of supraduodenal biliary drainage?. - Pain management and nutritional support in non-resectable pancreatic cancer - Endoscopic therapy in the palliation of non-resectable pancreatic cancer - Pancreatic endocrine tumors - Botulinum toxin and the sphincter of Oddi - The role of the systemic inflammatory response in predicting outcome in patients with pancreatic cancer - The European Study Group for Pancreatic Cancer (ESPAC) Trials.

Fields of interest
Gastroenterology; Pain Medicine; Oncology

Target groups
Professional/practitioner

Type of publication
Contributed volume

Due February 2011

Only available in print

2011. X, 115 p. 6 illus., 2 in color. Softcover
- € 49.95 | £44.99
- € (D) 53.45 | € (A) 54.95 | sFr 72.00
ISBN 978-0-85729-328-4

Clinical Aspects of Electroporation

Electroporation is the forefront in tumor ablation. This book presents the basic principles and clinical applications of electroporation, including the latest research results and patient data. A comprehensive approach to the basic science behind the development of this ground-breaking technique and its introduction into clinical practice, the book discusses the entire spectrum of currently available irreversible treatments, the emerging irreversible applications, and their impact on patient care. Clinical Aspects of Electroporation is the first book intended for clinicians on this extremely important and rapidly developing field.

Features
- Establishes the first reference on the science and clinical applications of electroporation
- Discusses the full history and current developments of this ground-breaking technology
- Presents the latest research results and patient data
- Provides an essential resource for physicians and scientists

From the contents
Introduction to Electroporation - Electroporation and cellular physiology - The cell in the electric field - Understanding Electric Fields for Clinical Use - Generators and Applicators - Equipment for Electroporation - Cell electroporemeabilization and cellular uptake of small molecules: the electrochemotherapy concept - Vascular-disrupting action of electrochemotherapy: mode of action and therapeutic implications.

Fields of interest
Interventional Radiology; Imaging / Radiology; Medical Biochemistry

Target groups
Professional/practitioner

Type of publication
Contributed volume

Due April 2011

2011. 300 p. 77 illus., 54 in color. Hardcover
- approx. € 139.95 | £126.50
- approx. € (D) 149.75 | € (A) 153.94 | sFr 201.00
A-Z of Neurological Practice, Second Edition

A Guide to Clinical Neurology

The Second Edition of A-Z of Neurological Practice builds on the previous edition with revised and updated information in a high density but easily accessible format to provide a quick and ready reference for busy clinicians of all degrees of experience. Entries for specific neurological conditions are uniformly structured indicating: Pathophysiology; Clinical Features; Investigations and Diagnosis; Differential Diagnosis; Treatment and Prognosis. Key references are cited throughout and all entries are cross referenced. A-Z of Neurological Practice, Second Edition is a practical, authoritative guide that will become an invaluable resource for neurologists in clinical practice, neurology trainees and all those involved with the treatment of neurological disorders.

Features
- Alphabetical listing of entries to allow ease of access to information
- Brief, focussed entries for each condition with high density of information presentation
- Structured entries to facilitate quick access to specific information required, e.g. appropriate investigations, treatment options
- Key references cited and all entries cross referenced.

Fields of interest
Neurology; Emergency Medicine

Type of publication
Professional book

Professional/practitioner

| Shopping cart information for your country and currency will be shown here |

Cartilage Imaging
Significance, Techniques, and New Developments

This authoritative book provides state-of-the-art practices and new developments in the imaging of cartilage, associated pathologies, and repair procedures. With a main focus on MRI, major advances in cartilage imaging are put into clinical context relevant for radiologists, rheumatologists, and orthopedic surgeons. International experts provide their insights on cartilage pathologies associated with such conditions as osteoarthritis, osteochondral trauma, and cartilage repair. Morphological MRI techniques are outlined, including new sequences and high field imaging. Molecular imaging techniques able to characterize the biochemical composition of the cartilage matrix are discussed, such as T2 relaxation time, T1rho, and dGEMRIC methods. The first book of its kind, Cartilage Imaging: Significance, Techniques, and New Developments encompasses the full scope of knowledge in this rapidly evolving field. Identifying key techniques for characterizing disease processes as well as objectively and quantitatively evaluating the results of therapy, this outstanding resource is of benefit to all physicians interested in assessing cartilage disease and repair.

Features
- Presents available and emerging imaging modalities with a main focus on MRI
- Outlines new morphological and molecular imaging techniques
- Illustrates the anatomy and histology of cartilage in correlation to normal and pathologic imaging findings
- Discusses imaging findings in relations to clinical findings

Fields of interest
Imaging / Radiology; Diagnostic Radiology; Rheumatology

Target groups
Professional/practitioner

Type of publication
Contributed volume

Front Line Surgery
A Practical Approach

Both editors are active duty officers and surgeons in the U.S. Army. Dr. Martin is a fellowship trained trauma surgeon who is currently the Trauma Medical Director at Madigan Army Medical Center. He has served as the Chief of Surgery with the 47th Combat Support Hospital (CSH) in Tikrit, Iraq in 2005 to 2006, and most recently as the Chief of Trauma and General Surgery with the 28th CSH in Baghdad, Iraq in 2007 to 2008. He has published multiple peer-reviewed journal articles and surgical chapters. Dr. Beekley is the former Trauma Medical Director at Madigan Army Medical Center. He has multiple combat deployments to both Iraq and Afghanistan, and has served in a variety of leadership roles with both Forward Surgical Teams (FST) and Combat Support Hospitals (CSH).

Features
- Concisely written, practical knowledge written by veterans of combat surgery
- A large number of full color images illustrate difficult techniques and situations
- This handbook is designed to provide the most necessary and practical knowledge needed by Surgeons working on the front lines

Fields of interest
Surgery; Abdominal Surgery; General Surgery

Target groups
Professional/practitioner

Type of publication
Professional book

Due January 2011

Originaly published by Cambridge University Press.

Due April 2011

2011. 234 p. 232 illus., 78 in color. Hardcover

Available

2011. XXII, 350 p. 395 illus., 225 in color. Softcover
Atlas of Ultrasound-Guided Procedures in Interventional Pain Management

This book is the first and definitive reference in the growing field of ultrasonography in pain medicine. Each chapter details all you need to know to perform a specific block. Comparative anatomy and sonoanatomy of the various soft tissues are featured, and tips and tricks for correct placement of the ultrasound probe and administration of the injection are described in detail. All the major peripheral nerve blocks are discussed as well as the various injections of the spine, pelvis, and musculoskeletal system.

Features
- First book in exploding field of USPM
- Written by world's leading experts
- Profusely illustrated with 465 figures (350 in full color)
- Covers US-guided pain blocks in acute perioperative and chronic pain clinic settings
- Includes section on US-guided musculoskeletal applications
- Step-by-step coverage of procedures
- Covers US-guided pain blocks in acute perioperative and chronic pain clinic settings
- Includes section on US-guided musculoskeletal applications

From the contents
Section I: Imaging in Interventional Pain Management and Basics of Ultrasonography
- Imaging in Interventional Pain Management
- Basics of Ultrasound Imaging
- Essential Knobology for Ultrasound-Guided Regional Anesthesia and Interventional Pain Management
- How to Improve Needle Visibility

Section II: Spine Sonoanatomy and Ultrasound-Guided Spine Injections
- Spine Anatomy and Sonoanatomy for Pain Physicians
- Ultrasound-Guided Third Occipital Nerve and Cervical Medial Branch Nerve Blocks
- Ultrasound-Guided Cervical Zygapophysial (Facet) Intraarticular Injection
- Ultrasound-Guided Cervical Nerve Root Block
- Ultrasound-Guided Thoracic Paravertebral Block
- Ultrasound-Guided Lumbar Zygapophysial (Facet) Nerve Block
- Ultrasound-Guided Lumbar Nerve Root (Periradicular) Injections

Fields of interest
Pain Medicine; Anesthesiology; Interventional Radiology

Target groups
Professional/practitioner

Type of publication
Professional book

Due December 2010


- €139,95  |  £126.00
- € (D) 149,75 | € (A) 153,94 | sFr 201,00

Re-irradiation: New Frontiers

New developments such as refined combined modality approaches and significant technical advances in radiation treatment planning and delivery are facilitating the re-irradiation of previously exposed volumes. As a consequence, both palliative and curative approaches can be pursued at various disease sites. Re-irradiation: New Frontiers is the first book to provide a comprehensive overview on current re-irradiation strategies. Re-irradiation methods, technical aspects, the role of combined therapy with anticancer drugs and hyperthermia, and normal tissue tolerance are all discussed in detail. In addition, disease-specific chapters document recent clinical results and future research directions.

Features
- A comprehensive overview on current re-irradiation strategies that will assist professionals in understanding the benefits and limitations of re-irradiation and in designing prospective trials
- Discusses re-irradiation methods, technical aspects, the role of combined therapy, and normal tissue tolerance
- Documents recent clinical results and future research directions in respect of different disease sites

Contents
Normal Tissue Tolerance to Re-irradiation
- A Role for Hyper- and Ultrafractionation
- Hyperthermia and Re-Irradiation
- Increased Therapeutic Ratio with Sensitizers, Cytotoxic Drugs, Targeted Agents
- Reduced Normal Tissue Doses through Advanced Technology: IMRT, IGRT
- Brain Tumors
- Eye Tumors
- Head and Neck Cancer
- Lung Cancer
- Breast Cancer
- Prostate Cancer
- Rectal Cancer
- Gynecologic Cancer
- Sarcoma
- Bone Metastases
- Brain Metastases
- Subject Index

Fields of interest
Imaging / Radiology; Radiotherapy; Oncology

Target groups
Professional/practitioner

Type of publication
Contributed volume

Intraoperative Imaging

Presents and discusses technological advances, clinical applications, and socioeconomic aspects of intraoperative imaging.

Features
- Presents and discusses technological advances, clinical applications, and socioeconomic aspects of intraoperative imaging

Available


- €179,95  |  £162.00
- € (D) 192,55 | € (A) 197,94 | sFr 258,00
ISBN 978-3-211-99650-8
Antiepileptic Drugs, Pharmacopoeia

Antiepileptic Drugs, Pharmacopoeia provides a concise guide to the properties and clinical applications of all antiepileptic drugs (AED) currently used in the prophylactic treatment of epileptic seizures. The presentation of each AED follows a clinically orientated format. This is in accordance with the FDA Package insert and the EMA Summary of Product Characteristics, supplemented with recent published reports and expert clinical advice. This pocket-sized, user-friendly guide will be a valuable resource for all those involved in the care of patients with epileptic seizures.

Features
- Concise, authoritative guide for all those involved in the care patients with epileptic seizures
- Includes the properties and clinical applications of all antiepileptic drugs currently used in the prophylactic treatment of epileptic seizures
- From an internationally renowned leader and expert in the diagnosis, treatment and management of epilepsy

Contents

Fields of interest
Neurology; Pediatrics; Internal Medicine

Target groups
Professional/practitioner

Type of publication
Professional book

Neurodevelopmental Disabilities

Clinical Care for Children and Young Adults

Increasingly more and more children with developmental disabilities survive into adulthood. Pediatricians and other clinicians are called upon to care for an increasing number of children with developmental disabilities in their practice and thus there is a need for a practical guide specifically written for pediatricians and primary care clinicians that addresses major concepts of neurodevelopmental pediatrics.

Features
- Emphasis on topics of interest in daily practice
- Clear and concise presentation of complex concepts
- Consistent style supported by easily accessible tables and figures

From the contents

Fields of interest
Medicine/Public Health, general; Neurosciences; General Practice / Family Medicine

Target groups
Professional/practitioner

Type of publication
Contributed volume

Exercise Genomics

Exercise Genomics encompasses the translation of exercise genomics into preventive medicine by presenting a broad overview of the rapidly expanding research examining the role of genetics and genomics within the areas of exercise performance and health-related physical activity. Leading researchers from a number of the key exercise genomics research groups around the world have been brought together to provide updates and analysis on the key discoveries of the past decade, as well as lend insights and opinion about the future of exercise genomics, especially within the contexts of translational and personalized medicine.

Features
- Key discoveries of the past decade
- Translation of exercise genomics into preventive medicine
- Cutting edge methodological advances

From the contents

Fields of interest
Sports Medicine; Metabolic Medicine; Sports Medicine; Metabolic Diseases; Molecular Medicine; Sports Medicine

Target groups
Professional/practitioner

Type of publication
Contributed volume

Due February 2011

D. R. Patel, D. E. Greydanus, Michigan State University, East Lansing, MI, USA; H. A. Omar, University of Kentucky, Lexington, KY, USA; J. Merrick, Child Health and Human Development, Jerusalem, Israel (Eds.)

L. S. Pescatello, University of Connecticut, Storrs, CT; S. M. Roth, University of Maryland, College Park, MD (Eds.)

Due March 2011

C. P. Panayiotopoulos, St. Thomas Hospital, Oxford, UK

Available

Only available in print


- € 24.95 | £22.99
- € (D) 26.70 | € (A) 27.44 | sFr 36.00
ISBN 978-3-642-01111-1

2011. 350 p. Hardcover

- € 139,95 | £126.00
- € (D) 149,75 | € (A) 153,94 | sFr 201,00

2011. 246 p. 14 illus., 3 in color. (Molecular and Translational Medicine) Hardcover

- € 139,95 | £126.00
- € (D) 149,75 | € (A) 153,94 | sFr 201,00
The Know-How of Face Transplantation


This book spans the entire process of a face transplantation, from detailing the anatomy of the face to considering the social and ethical challenges of the procedure. This rigorous presentation of face transplantation also includes the anesthesiology involved, the role of Institutional Review Boards in approving the operation, the financial aspects and media response. Since the authorship is international, the book considers the different perspectives, approaches and responses from across the world.

Features
- The authorship is both international and uniquely authoritative so the reader can be sure they are being presented with the most cutting-edge and informative account of face transplantation
  - Including a significant number of diagrams, tables and color figures documenting step-by-step the process of preparation for face transplantation
  - This book is laid out clearly and accessibly so that a broad readership, and not just surgeons, will find it informative

Fields of interest
Transplant Surgery; Theory of Medicine/Bioethics

Target groups
Professional/practitioner

Type of publication
Contributed volume

Malignant Mesothelioma

Malignant mesothelioma is an aggressive and fatal neoplasm of serous membranes that still shows a rising incidence worldwide. This book covers all the important aspects of the disease by bringing together contributions from selected experts in the fields of epidemiology, imaging, pathological diagnosis, therapy, genetics, and screening. Special emphasis is placed on the latest diagnostic techniques and current therapy standards. In addition, the mineralogy of asbestos is reviewed and clear advice is included on the analysis of tissue mineral fiber content. By providing a compact, scientifically based, and up-to-date overview of the management of malignant mesothelioma, this volume will be invaluable for all clinicians and pathologists who are engaged in the diagnosis and treatment of the disease or in related research.

Features
- A compact, scientifically based, and up-to-date overview of the management of malignant mesothelioma
  - Places special emphasis on the latest diagnostic techniques and current therapy standards
  - Includes detailed relevant information on epidemiology, genetics and molecular biology, and screening
  - Written by selected experts in the field

Contents

Field of interest
Oncology

Target groups
Professional/practitioner

Type of publication
Contributed volume

Dermatologie des 19e et 20e siècles

La dermatologie du 19e et du 20e siècle a été marquée par des innovations qui ont transformé de manière définitive le contenu de la discipline. Cet ouvrage propose une sélection de ces innovations reposant sur l’association de trois critères: mutation intellectuelle ou structurelle, contexte politique et social, valeur heuristique. Chaque transformation a fait l’objet de controverses; toutefois, certaines de ces controverses ont occupé une place particulière dans l’histoire de la dermatologie aux 19e et 20e siècles. Celles-ci font l’objet d’un chapitre particulier.

Features
- Pas d’ouvrage sur le sujet
- Toutes les illustrations méconnues
- Un chapitre entier consacré aux controverses qui ont marqué l’histoire de la dermatologie des 19e et 20e siècles

Fields of interest
Dermatologie

Target groups
Professional/practitioner

Type of publication
Monographie

Due February 2011

- € 159,95 | £144.00
- * € (D) 171,15 | € (A) 175,94 | sFr 229,50

Subscription price, valid for subscribers of the whole series
- € 109,95 | £99.00
- * (D) 117,65 | € (A) 120,95 | sFr 158,00
ISBN 978-3-642-10861-7

Due April 2011

2011. 200 p. 140 illus., 40 in color. (Recent Results in Cancer Research, Volume 189) Hardcover
- € 139,95 | £126.00
- * (D) 149,75 | € (A) 153,94 | sFr 201,00
ISBN 978-3-642-10861-7

Subscription price, valid for subscribers of the whole series
- € 109,95 | £99.00
- * (D) 117,65 | € (A) 120,95 | sFr 158,00
ISBN 978-3-642-10861-7

A paraître février 2011

2011. IV, 196 p. 93 ill., 8 en couleurs. Broché
- approx. € 47,39 | £42.99
- **approx.** *€ (D) 50,21 | € (A) 52,13 | sFr 68,00

Pas d’ouvrage sur le sujet
Nombreuses illustrations méconnues
Un chapitre entier consacré aux controverses qui ont marqué l’histoire de la dermatologie des 19e et 20e siècles

Features
- Pas d’ouvrage sur le sujet
- Nombreuses illustrations méconnues
- Un chapitre entier consacré aux controverses qui ont marqué l’histoire de la dermatologie des 19e et 20e siècles

Fields of interest
Dermatologie

Target groups
Professional/practitioner

Type of publication
Monographie
Citoarchitettonica cerebrale umana
Il contributo di un vecchio Atlante di anatomia all’acquisizione delle nuove conoscenze sul cervello.


Nel contributo di un vecchio Atlante di anatomia, la citoarchitettonica cerebrale umana, il volume sarà di grande interesse per tutti coloro che desiderano approfONDIRE la relazione tra la struttura del cervello e le sue funzioni. Rappresenta inoltre un utile strumento di lavoro per i professionisti che utilizzano le neuroimmagini nella loro pratica quotidiana, quali neurofisiologi, neuropsicologi, neuroradiologi, neurologi e neurochirurghi.

Fields of interest
Medicina; Psicologia, generale;

Target groups
Research

Type of publication
Monografia

Disponibile

Only available in print

Nuova edizione italiana della Citoarchitettonica della corteccia cerebrale umana di C. Economo

2011. 224 pagg. 88 figg., 8 a colori. Cartonato

> € 48,03  |  £43.99
> — € (D) 51,39  |  € (A) 52,83  |  sFr 69,00

Available

Originally published by W.B. Saunders 1993, 1997


> € 59,95  |  £53.99
> — € (D) 64,15  |  € (A) 65,95  |  sFr 86,00

Essentials of Pain Management

This concise, evidence-based text contains essential topics important for every pain management student, trainee, and practitioner. Both acute and chronic pain management principles and techniques are discussed, while numerous case vignettes help reinforce basic concepts and improve clinical decision making. Throughout, a multidisciplinary approach to pain is stressed. Behavioral and physical therapies, plus ethical considerations, are also discussed in this indispensable guide for anyone involved in the management of pain.

Features
- Case studies help illustrate specific pain management challenges
- Focuses on a multidisciplinary approach to pain

From the contents
Part 1. Introduction
- 1. Introduction to Pain Management, Historical Perspectives, and Careers in Pain Management
- 2. Multidisciplinary Approach to Pain Management
- Part 2. Anatomy and Physiology
- 3. Anatomical and Physiological Principles
- 4. Acute and Chronic Mechanisms of Pain
- Part 3. Clinical Principles
- 5. Assessment of Pain: Complete Patient Evaluation
- 6. Diagnostic Testing in Pain Management
- Part 4. Pharmacology
- 7. Opioids: Pharmacokinetics and Pharmacodynamics
- 8. Opioids: Basic Concepts in Clinical Practice
- 10. Alternative and Herbal Pharmaceuticals
- 11. Importance of Placebo Effect in Pain Management

Fields of interest
Anesthesiology; Pain Medicine; General Practice / Family Medicine

Target groups
Professional/practitioner

Type of publication
Contributed volume

Due January 2011

2011. XI, 1073 p. 114 illus. Softcover

> € 74,95  |  £67.99
> — € (D) 80,20  |  € (A) 82,45  |  sFr 107,50

Essentials of Orthopedic Surgery

Based on the successful formula of three previous editions.

Features
- Convenient study source for medical students
- Good clinical reference for young surgeons, residents, nurses, and physician assistants
- Multiple-choice questions similar to those on the boards are included

Contents
Basic Science of Bone and Cartilage Metabolism
- Skeletal Trauma
- Orthopedic Infections
- Tumors of the Musculoskeletal System
- Children’s Orthopedics
- Sports Medicine
- The Spine
- The Hip and Femur
- The Knee
- The Foot and Ankle

Fields of interest
Surgical Orthopedics; Orthopedics; Sports Medicine

Target groups
Professional/practitioner

Type of publication
Contributed volume

Due January 2011

2011. XII, 522 p. 161 illus., 32 in color. Softcover

> € 59,95  |  £53.99
> — € (D) 64,15  |  € (A) 65,95  |  sFr 86,00

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> € 59,95  |  £53.99
> — € (D) 64,15  |  € (A) 65,95  |  sFr 86,00
Healthcare Disparities at the Crossroads with Healthcare Reform

Building upon the success of Dr. Williams's widely influential book Eliminating Healthcare Disparities in America: Beyond the IOM Report, this new volume takes a fresh and timely look at the state of healthcare reform and the progress and problems we face in the pursuit of healthcare equality. This book focuses on how the elimination of disparities can be accomplished through targeted efforts made within the context of reform. Comprising the combined efforts of the nation's best health policy analysts, researchers, key opinion leaders and clinicians, this book addresses both current and impending legislation and future movements in healthcare. With the knowledge that the problem of disparities extends beyond the present political arena into the larger scope of all aspects of healthcare delivery, the authors provide critical analysis of the causation of disparities, insightful examples of what has worked, and a striking call to action with implementable strategies for advancing equality.

Features
► A striking call to action with implementable strategies for advancing equity
► Provides helpful examples of what has worked
► A compendium of evidence-based data, informed opinions, expert analyses, issue-related studies, and progressive strategies provided by the best experts and authorities on the subject of healthcare disparities and reform

Fields of interest
Medicine/Public Health, general; Internal Medicine

Target groups
Professional/practitioner

Type of publication
Contributed volume