Biotechnology in Surgery

The 20th century has finished, the century when surgery took huge steps forward thanks to progress in technology. Now we have entered the "century of biotechnologies", which will not only generate progress in surgery, but also lead to a real "cultural revolution" that will completely change approaches to solving different problems in medicine. The aim of this book is to bring surgeons closer to biotechnologies and to overcome the cultural gap dividing them from these new approaches. Biotechnologies are already proposed and used at different levels in surgical practice: in diagnostic technique, enabling practitioners to identify diseases at an early stage and follow their molecular modification over time; and in tissue engineering, where the use of "smart scaffolds" offers a possible answer to increasing demand for biocompatible tissues and organs in transplantation surgery.

Features
► Focuses on the emerging field of stem cells, analyzing both their role as possible players in originating and perpetuating cancer and, conversely, their extraordinary therapeutical potential ► Will help in improving a common language between surgeons and biotechnologists that will create further, revolutionary, progress in surgical sciences in the twenty-first century

From the contents

Fields of interest
Surgery; Biotechnology; Oncology

Target groups
Professional/practitioner

Discount group
MR

Ryan’s Ballistic Trauma
A Practical Guide

Ryan’s Ballistic Trauma 3rd Edition provides a concise guide to the clinical and operational issues surrounding the management of the ballistic casualty. This book crystallizes the knowledge and experience accrued by those dealing with ballistic trauma on a regular basis and extends this to those who have to manage these patients on an occasional basis only. Ryan’s Ballistic Trauma 3rd Edition is a valuable reference tool for all medical and paramedical personnel involved in the care of patients with ballistic injury. It is especially relevant for consultants and senior trainees in surgery, anesthesia and emergency medicine who are likely to be involved in the management of these unique injuries. This book is essential reading for pre-hospital care providers and nurses working in the emergency room, as well as military surgeons and medical and nursing staff on deployment in regions of conflict.

Features
► Relevant for consultants and senior trainees in surgery, anesthesia and emergency medicine who are likely to be involved in the management of these unique injuries ► More than 200 illustrations ► It will be an essential reference for pre-hospital care providers and nurses working in the emergency room and intensive care

From the contents

Fields of interest
Emergency Medicine; Allergology; General Practice / Family Medicine

Target groups
Research

Discount group
MR

Anaphylaxis and Hypersensitivity Reactions

Despite wide recognition as a serious public health problem, anaphylaxis and hypersensitivity reactions remain under-recognized and under-diagnosed. This book fills the gaps in our understanding of the identification of triggers, recognition of clinical presentations, understanding of the natural history of these reactions, and selection of treatment strategies including those focused on cellular and molecular targets. The book provides a detailed examination of disease etiology, pathogenesis, and pathophysiology and their correlation to clinical practice. Forefront knowledge of the mediators and mechanisms of anaphylaxis is covered with an emphasis on how new discoveries shape our current and emerging therapies.

Features
► Covers trigger identification, clinical presentations, and state-of-the-art treatment ► Provides a clear picture of the mediators and mechanisms of anaphylaxis and hypersensitivity reactions ► Imparts essential understanding of these emergent conditions ► Written by leading international experts

From the contents

Fields of interest
Emergency Medicine; Allergology; General Practice / Family Medicine

Target groups
Research

Discount group
MR
Cytology and Surgical Pathology of Gynecologic Neoplasms

The neoplasms found in the female genital tract are numerous and growing more complex. Cytology and Surgical Pathology of Gynecologic Neoplasms has been written to provide a practical reference for practicing pathologists and cytopathologists in a quick and concise fashion. The primary focus of this book is on gynecological tumors, specifically common ones and their benign mimics. Emphasis is placed on morphologic recognition, resolving common diagnostic problems seen in routine practices, and discussion of current classification of gynecologic malignancies. Special references to the differential diagnosis and pitfalls of each entity are included. The role of cytology and its correlation with histology is richly illustrated and discussed. Also presented is the practical use of ancillary studies such as molecular diagnostic testing and immunohistochemistry. With a unique emphasis on the correlation between cytology and surgical pathology, Cytology and Surgical Pathology of Gynecologic Neoplasms provides a ready reference for both the practicing pathologist and pathologist in training in finding quick answers to their diagnostic challenges.

Features
- Tables and algorithms to assist the readers with diagnostic challenges
- Unique emphasis on the correlation between cytology and surgical pathology

From the contents
Normal Histology of Female Genital Organs.- Lesions of Vulva and Vagina.- Squamous Lesions of the Cervix.- Glandular Lesions of Cervix.- Human Papillomavirus (HPV) for cervical pathology.- Endometrial Epithelial Neoplasms.

Fields of interest
Pathology; Oncology

Target groups
Professional/practitioner

Discount group
MR

Dating Neurological Injury
A Forensic Guide for Radiologists, Other Expert Medical Witnesses, and Attorneys

Dating Neurological Injury: A Forensic Guide for Radiologists, Other Expert Medical Witnesses, and Attorneys presents a unique way to approach the dating of neurological injury as imaged by modern computed tomography (CT), magnetic resonance (MR) and ultrasound (US). Chapters are presented in a logical progression beginning with the general appearance of normal brain and progressing to the way abnormalities manifest themselves. The emphasis in these discussions is on the appearance of edema and of hemorrhage, as these two findings are the brain's most common response to injury. This volume presents in a systematic fashion the principles involved in the interpretation of images of the central nervous system specifically in a medical-legal setting where concern exists about the occurrence and timing of an injury. Dating Neurological Injury: A Forensic Guide for Radiologists, Other Expert Medical Witnesses, and Attorneys is a welcome addition to institutional, medical, and legal libraries, and to the personal libraries of malpractice defense and plaintiff lawyers and physicians in the neurosciences involved in medical-legal issues.

Features
- Unique, practical guide for dating neurological injury
- Developed by an expert in the field
- Invaluable guide for institutional, medical, and legal libraries and for attorney and physicians involved in medical-legal issues

From the contents
Structure of the Normal Brain and its Appearance on Imaging.- General Appearance of Edema and Hemorrhage on computed tomography, magnetic resonance and ultrasound.- The Basics of Contrast and its Role in Dating.- How the Imaging Appearance of Edema and Hemorrhage Change over Time on computed tomography, magnetic resonance and ultrasound-- Dynamic (Acute) Dating.

Fields of interest
Diagnostic Radiology; Radiotherapy; Neurology

Target groups
Professional/practitioner

Discount group
P

Hematopathology
Genomic Mechanisms of Neoplastic Diseases

Hematopathology: Genomic Mechanisms of Neoplastic Diseases will keep physicians abreast of the rapid and complex changes in genomic medicine, as exemplified by the molecular pathology of hematologic malignancies. This timely volume will update physicians on the complexities of genomic lesions, as well as offer an integrated framework encompassing molecular diagnosis, the new WHO classification of hematologic neoplasms with focus on molecular pathology, prognostic value of molecular tests, and molecular monitoring of response to gene-targeted therapy. As such, it will be of great value to hematologists, oncologists, pathologists, internal medicine and pediatric specialists, as well as bioscientific staff and laboratorians in private hospitals and academic institutions.

Features
- Prognostic value of molecular tests
- Offers an integrated framework encompassing molecular diagnosis
- Written by experts in the field

From the contents

Fields of interest
Pathology; Hematology; Molecular Medicine

Target groups
Professional/practitioner

Discount group
MR
Evidence Synthesis in Healthcare

A Practical Handbook for Clinicians


Features
- Reveals the field of Evidence Synthesis (combining multiple sources of quantitative/qualitative data to derive best evidence for use in healthcare)
- Importantly, it will be the first book to demonstrate how clinicians and policy makers can perform these techniques with clearly explained examples and practical explanations
- Relevant for both experts and beginners

Contents

Fields of interest
Health Promotion and Disease Prevention; Health Administration; Medicine/Public Health, general

Target groups
Professional/practitioner

Discount group
MR

Imaging of the Hand and Wrist

Techniques and Applications

In the past, radiographs of the hand have been described as the “skeleton’s calling card”, showing manifestations of many different diseases. As hand and wrist imaging has become increasingly sophisticated, this observation has become more true than ever. This is a comprehensive, up-to-date textbook on imaging of the hand and wrist. In the first part of the book, the various imaging techniques are discussed in detail. Individual chapters are devoted to radiography, ultrasound, CT, MRI and nuclear medicine. The second part of the book gives an authoritative review of the various pathologies that may be encountered in the hand and wrist, encompassing congenital and developmental abnormalities, trauma, and the full range of localized and systemic disorders. Each chapter is written by an acknowledged expert in the field, and a wealth of illustrative material is included. This book will be of great value to musculoskeletal and general radiologists, orthopaedic surgeons and rheumatologists.

Features
- Comprehensive, up-to-date textbook
- Discusses in detail all the techniques used to image the hand and wrist
- Provides an authoritative review of the various pathologies that may be encountered in the hand and wrist, including congenital and developmental abnormalities, trauma and the full range of localized and systemic disorders
- Written by acknowledged experts
- Includes a wealth of illustrative material

Fields of interest
Imaging / Radiology; Diagnostic Radiology; Orthopedics

Target groups
Professional/practitioner

Discount group
MR

Sports Injuries

Prevention, Diagnosis, Treatment and Rehabilitation

Co editor: R. N. Tandoğan, Cankaya Orthopaedic Group and Ortoklinik, Ankara, Turkey; G. Mann, Meir General Hospital, Kfar Saba, Israel; R. Verdonk, University Hospital Gent, Belgium

In recent years, research studies into sports injuries have provided healthcare professionals with a better understanding of their etiology and natural history. On this basis, novel concepts in the diagnosis and management of these conditions are now being explored. This timely book offers a complete guide to the latest knowledge on the diagnosis and treatment of the full range of possible sports injuries. Individual sections are devoted to biomechanics, injury prevention, and the still emerging treatment role of growth factors, which foster more rapid tissue healing. Sports injuries of each body region are then examined in detail, with special attention to diagnostic issues and the most modern treatment techniques. In addition, pediatric sports injuries, extreme sports injuries, the role of physiotherapy, and future developments are extensively discussed. All who are involved in the care of patients with sports injuries will find this textbook to be an invaluable, comprehensive, and up-to-date reference.

Features
- An up-to-date guide to the diagnosis and treatment of the full range of sports injuries
- Pays detailed attention to biomechanics and injury prevention
- Examines the emerging treatment role of growth factors
- Includes sections on pediatric sports injuries, extreme sports injuries, and physiotherapy

From the contents

Fields of interest
Sports Medicine; Orthopedics; Traumatic Surgery

Target groups
Professional/practitioner

Discount group
MR
Skin Cancer – A World-Wide Perspective

Over the last decades the incidence of skin cancers is dramatically increasing worldwide. This is not only confined to the incidence of melanoma but includes also other skin cancers such as basal cell carcinomas. Based on the recent WHO classification of skin cancers, this lavishly illustrated reference book covers comprehensively the epidemiology, histology and pathology, as well as diagnostic signs and treatment options of skin cancers. Homogenously and reader-friendly structured, it links the diagnostic and genetic features of each disease in order to guide the reader to the most appropriate therapeutic strategies for the best possible treatment outcome.

In order to demonstrate the world wide activities in the field, all chapters cover the variations of the individual experiences and expertise in different nations.

Features
▶ In-depth, up-to-date review of current knowledge on the epidemiology, pathogenesis, diagnosis, and therapy of skin cancers
▶ First book to integrate epidemiology and therapy on the basis of the recent WHO classification
▶ Links diagnostic and genetic features to optimized therapeutic strategies
▶ Written by leading clinicians and researchers from every continent

Contents
EPIDEMIOLOGY. PATHOGENESIS. - DISEASE ENTITIES. - Non-Melanoma Skin Cancer. - Melanocytic Tumors. - Cutaneous Lymphomas. - Others. - THERAPIES.

Fields of interest
Dermatology; Pathology; Oncology

Target groups
Professional/practitioner

Discount group
P
Frozen Section Library: Pancreas

Frozen sections of the pancreas are performed to assess resectability, for tissue confirmation and to assess margins. The clinical implications of an accurate frozen section diagnosis are dramatic as far as type and extent of surgery performed. “Frozen Section of the Pancreas” will provide a concise pictorial compendium to facilitate intraoperative consultations on pancreas specimens. The book will be 5x8 and is estimated to be 200-250 pages with 100-150 color figures. This user-friendly handbook will be divided into chapters that emphasize the common questions a pathologist must answer on frozen section examination and will provide guidance for the differential diagnosis of various histologic patterns. The purpose of this book is to aid in the timely frozen section diagnosis of pancreatic lesions by using a broad array of illustrations, which would reinforce one’s visual memory, and a condensed text, useful for rapid review of main diagnostic features. Currently, there is no other up-to-date, single-source reference specifically focused on frozen sections of the pancreas.

Features
- Convenient, user friendly handbook
- Well illustrated
- Site specific

Contents
Introduction.- Clinical Indications and Surgeons’ Expectations.- The Distinction between Chronic Pancreatitis and Adenocarcinoma.- Variants of Pancreatic Adenocarcinoma and Pancreatic Intraepithelial Neoplasia.- Cystic Lesions in the Pancreas.- Other Pancreatic Tumors.- Secondary Tumors and Miscellaneous Lesions Involving the Pancreas.- Metastases, Resectability and Margins.- Suggested Reading.

Field of interest
Pathology

Target groups
Professional/practitioner

Discount group
MC

Managing Depression in Clinical Practice

An estimated 21 million people are diagnosed each year with a major depressive disorder in the USA, Western Europe and Japan. The economic cost of depression and its impact on sufferers and those around them is enormous. There are numerous therapy choices available, which can be daunting for the clinician trying to achieve the best treatment regimen. Managing Depression in Clinical Practice provides a concise overview of the clinical manifestation, diagnosis and management of this debilitating condition. The book gives practical coverage of depression in special populations, the management of treatment non-response and long-term treatment. Managing Depression in Clinical Practice is intended as an accessible text for family practitioners and psychiatrists in training and in practice. It will also be of interest to specialist nurses and allied health professionals working in the field.

Features
- A concise overview of the clinical manifestation, diagnosis and management of depression
- An accessible text with a practical, clinical focus
- Written by two international experts in their field

Contents
Classification, causes, and epidemiology.- Depression in different types of patients.- Diagnosis.- Principles of therapy.- Medications.- Other treatments.- Management of treatment non-response.- Continuation and maintenance treatment.

Fields of interest
Psychiatry; General Practice / Family Medicine

Target groups
Professional/practitioner

Discount group
MR

Handbook of Pain Relief in Older Adults

An Evidence-Based Approach

The second edition of the Handbook of Pain Relief in Older Adults: An Evidence-Based Approach expands on the first edition by providing a number of timely new features. Most important of these are the revised recommendations from the American Geriatrics Society on prescribing that reflect the many new agents available since the last guidelines were released in 2001. Additionally, concepts such as synergy in prescribing for older adults have been better delineated in this ed. The most salient features of the original edition have been retained and updated, including the full range of approaches for pain assessment and prevention, interventional strategies, guidance on pharmacotherapy and nonpharmacologic pain relief strategies for seniors, preventive analgesia, the role of rehabilitation in sound pain treatment, legal and public policy issues in pain care for seniors, pain management in long-term care, and even the issue of spirituality as an adjunct to pain management.

Features
- Updated and expanded second edition that also includes new information on resources, which includes organizations, internet websites, and guidance on acquiring additional consultation for pain intervention
- Contains the latest and most recently revised recommendations from the American Geriatrics Society on prescribing that reflect the many new agents available since the last guidelines were released in 2001. Additionally, concepts such as synergy in prescribing for older adults have been better delineated in this ed. The most salient features of the original edition have been retained and updated, including the full range of approaches for pain assessment and prevention, interventional strategies, guidance on pharmacotherapy and nonpharmacologic pain relief strategies for seniors, preventive analgesia, the role of rehabilitation in sound pain treatment, legal and public policy issues in pain care for seniors, pain management in long-term care, and even the issue of spirituality as an adjunct to pain management.

Fields of interest
Geriatrics/Gerontology; Primary Care Medicine; Internal Medicine

Target groups
Professional/practitioner

Discount group
MC
Robotics in Genito-Urinary Surgery

Robotics in Genito-Urinary Surgery fills the void of information on robotic urological surgery; a topic that is currently highly in demand and continuously increasing. This book provides detailed information on the utility of robotic urological surgery and how to use it most effectively. Robotics in Genito-Urinary Surgery comprehensively covers specialist areas such as female urology, pelvic floor reconstructions and holds a strong focus on pediatric urology. It also presents the main operative techniques through the use of high quality images and drawings. Compiled by experts from the USA, Europe and Asia, this book provides an international perspective on the basic knowledge and clinical management required for the optimal care of patients.

Features
► Authors from all over the world will contribute
► Due to the unique nature of robotic surgery, this book is one of the select few texts available on the subject
► In-depth coverage of specialist areas such as pelvic floor reconstructions
► Provides the reader with a practical guide to robotic surgery that is easy to understand

Contents
Section I History, Basics and Development of Program.- Section II Training and Research.- Section III The Prostate.- Section IV Adrenal, Kidney and Ureter.- Section V Bladder.- Section VI Pediatric Urology.- Section VII Female Urology & Infertility.- Section VIII Patient’s Perspective.- Section IX Future Perspectives.

Fields of interest
Urology/Andrology; Minimally Invasive Surgery; Surgery

Target groups
Professional/practitioner

Discount group
MR

Handbook of Burns Volume 1
Acute burn care

This volume covers the entire spectrum of acute burn treatment. Individual chapters deal with basic aspects of different burn mechanisms as well as the acute care of burn patients. Pre-hospital management, critical care and basic concepts of burn surgery related to the acute phase, as well as the use of skin and skin substitutes in early stages of therapy are addressed in this volume. Chapters on supportive therapies such as optimizing nutrition and fluid homeostasis, infection control and treatment, respiratory support and pain management complete the comprehensive approach to the patient in this early stage of treatment, while chapters on epidemiology, prevention and disaster management enable the reader to evaluate the given information in a broader context.

Features
► Reference book on complex management of acute care in burn patients
► Advances in research and treatment

From the contents
History of Burn Care Epidemiology and Prevention of Burns throughout the World Skin Architecture and Function Pathophysiology Disaster Management Pre-hospital, Fluid and early management, Burn Wound evaluation Burn Wound Documentation Education in Burns Pain Management Nutrition Wound Care HBOT Infection control Treatment.

Fields of interest
Surgery; Plastic Surgery; Emergency Medicine

Target groups
Professional/practitioner

Discount group
MR
Principles of Metabolic Surgery

For physicians and surgeons entrusted with the care of patients with morbid obesity and related diseases; also for nurses and other professionals on the team.

"Principles of Metabolic Surgery" delivers a succinct account of current knowledge and an excellent overview of modern treatment strategies for morbid obesity. Attractively designed, this user-friendly textbook provides the latest on therapy, monitoring, and management, including: completely up-to-date coverage of modern metabolic surgery, current understanding of the pathophysiology of morbid obesity, current clinical therapy strategies for conservative and surgical approaches, recent references

In concise, readable chapters, this well-illustrated textbook outlines major concerns and considerations surrounding metabolic surgery. With respect to new insights from basic and clinical research, clear guidelines and practical clinical advice are given to improve the outcome of treatment for morbid obesity.

From the contents
1. Introduction 1.1. History of Obesity and Metabolic Surgery. 1.2. Conservative Treatment of Overweight and Obesity 1.3. Problems of Obesity Treatment by Children 1.4. Obesity and modern Nutrition 1.5. Physical activity as a significant factor in the therapy of obesity in adults 1.6. The Role of adipokines and gastrointestinal tract hormones in obesity 1.7. Multidisciplinary Coopera-

Fields of interest
Surgery

Target groups
Professional/practitioner

Discount group
MR

A Beginner’s Guide to the Study of Neuroanatomy

The ambition of most traditional approaches to neuroanatomy is to provide a factual armamentarium for the solution of medical problems or for the more exacting needs of neurologists and neuroanatomists. The narrative approach proposed by the authors and the inclusion of historical context are meant to engage both the medical and non-medical reader and to provide deeper insight to the subject matter than is possible by the mere presentation of facts. This text is based on material presented to medical students, residents and physician assistants in the classroom and clinical setting and in grand rounds presentations in departments of neurology and psychiatry at NYU, Cabrini, Woodhull, Manhattan State, and other local institutions. Valuable feedback from these settings has enabled the authors to hone their presentation to be of value to this wide compass of readership.

Features
► This book is multidisciplinary in scope - integrates principles from other sciences with those in neuroanatomy, for instance, discoveries in the fields of geology, paleontology and embryology all inform the study of vertebrate neuroanatomy
► Ultimately give the reader a better understanding of how the human brain came to be, and its place in the constellation of animal life

Contents

Fields of interest
Neurology; Psychiatry

Target groups
Professional/practitioner

Discount group
P

Armed Conflict Injuries to the Extremities

A Treatment Manual

This book is designed to meet the continued need to re-learn the principles of treatment of complex war injuries to the extremities in order to minimize post-traumatic and post-treatment complications and optimize functional recovery. Most of the chapters are based on the unique experience gained in the treatment of military personnel who have suffered modern combat trauma and civilian victims of terror attacks at a single, large level 1 trauma center. The remaining chapters present the experience of leading international authorities in trauma and reconstructive surgery. A staged treatment protocol is presented, ranging from primary damage control through to definitive functional limb reconstruction. The organization of medical aid, anesthesiology, diagnostic imaging, infection prophylaxis, and management of complications are reviewed, and a special chapter is devoted to the challenging dilemma of limb salvage versus amputation in the treatment of limbs at risk.

Features
► Based on unique experience in the treatment of military personnel and civilian casualties at a large level 1 trauma center ► Presents a staged treatment protocol, ranging from primary damage control through to definitive functional limb reconstruction ► Discusses infection prophylaxis, management of complications, and rehabilitation ► Well illustrated

From the contents
Organization of urgent medical aid, including mass casualty and triage. - Wound ballistics. - Damage Control. - Crush injury to limbs. - Anesthesiology in emergency patients. - Hemotransfusion in combat trauma. - Diagnostic imaging in combat trauma. - Soft tissue debridement. - Primary fracture stabilization.

Fields of interest
Traumatic Surgery; Surgical Orthopedics; Vascular Surgery

Target groups
Professional/practitioner

Discount group
MR
Decision Making in Radiation Oncology

Volume 2

Decision Making in Radiation Oncology is a reference book designed to enable radiation oncologists, including those in training, to make diagnostic and treatment decisions effectively and efficiently. The design is based on the belief that “a picture is worth a thousand words.” Knowledge is conveyed through an illustrative approach using algorithms, schemas, graphics, and tables. Detailed guidelines are provided for multidisciplinary cancer management and radiation therapy techniques. In addition to the attention-riveting algorithms for diagnosis and treatment, strategies for the management of disease at individual stages are detailed for all the commonly diagnosed malignancies. Clinical trials that have yielded “gold standard” treatment and their results are documented in the schemas. Moreover, radiation techniques, including treatment planning and delivery, are presented in an illustrative way. This groundbreaking publication is an essential tool for physicians in their daily clinical practice.

Features
- An up-to-date reference book that will enable radiation oncologists, including those in training, to make diagnostic and treatment decisions effectively and efficiently
- Conveys knowledge using an illustrative approach involving algorithms, schemas, graphics, and tables
- Documents management strategies at individual stages for all commonly diagnosed malignancies
- Provides detailed guidelines for radiation therapy

Fields of interest
- Imaging / Radiology; Radiotherapy; Oncology

Target groups
- Professional/practitioner

Discount group
- MR

-- 8 Medicine --

Fibromyalgia

A Practical Clinical Guide

Caring for patients with fibromyalgia requires an understanding of the complex nature of this condition. Fibromyalgia: A Practical Clinical Guide is a state-of-the-art resource designed to clarify the controversy about fibromyalgia and to provide clinicians with the latest information about its pathogenesis and clinical evaluation, as well as evidence-based guidelines for effective treatment. This comprehensive title includes fully referenced, practical information on this fast-emerging field and provides useful clinical suggestions and practical office tools for effectively managing patients. The good news for fibromyalgia patients and their healthcare providers is that a wide range of medication, non-medication, and non-traditional therapies have been proven to effectively reduce some of the most problematic and disabling fibromyalgia symptoms.

Features
- State-of-the-art resource providing clinicians with the latest information about the pathogenesis and clinical evaluations of fibromyalgia
- Provides evidence-based guidelines for effective treatment
- Discusses the latest medication, non-medication, and alternative/complementary treatments

Contents
- Introduction
- Fibromyalgia definition and epidemiology
- Pathophysiology of fibromyalgia
- Assessment and diagnosis
- Headache
- Chronic fatigue syndrome
- Irritable bowel syndrome
- Sleep disturbance
- Depression and anxiety
- Obesity and metabolic syndrome
- Published recommendations
- Medication treatments
- Non-medication treatments
- Nutritional supplements
- Clinical handouts
- Fibromyalgia and pregnancy
- Fibromyalgia in seniors
- Gender and ethnic issues
- Index

Fields of interest
- General Practice / Family Medicine; Internal Medicine; Primary Care Medicine

Target groups
- Professional/practitioner

Discount group
- MC

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Available

2011. XII, 200 p. 65 illus. Softcover
≈ $49.95

Due December 2010

2011. XII, 581 p. 264 illus., 20 in color. Softcover
≈ approx. $99.95
Biodefence
Advanced Materials and Methods for Health Protection

This book focuses on defence against biological warfare with an emphasis on applications of modern technologies and advanced materials in detection, health protection and medical treatment of the population. Specific topics include high-throughput sensitive detection methods, advanced nanostructured materials and techniques for external and internal protection of human health, as well as extracorporeal methods, adsorptive materials and bacteriophages decontaminating the human organism, and neutralising incorporated CBRN agents. The contributions describe recent developments in the field of biodefence aimed at protecting population against terrorism and terror related events. Broader approaches to reducing the impact of environmental pollution on human health and improving efficiency of medical treatment of patients with viral infections, poisoning and organ failure are also discussed.

Features
- Multi-and interdisciplinarity of the topics related to biodefence covered
- Contributors are renowned specialists, who provide authoritative opinion on the current state-of-the-art in their respective areas
- Information about achievements in biodefence in post USSR countries which is rarely available in English

Fields of interest
Emergency Medicine

Target groups
Graduate

Discount group
P

M. Modo, King’s College London, UK; J. W. Bulte, Johns Hopkins University, Baltimore, MD, USA (Eds.)

Magnetic Resonance Neuroimaging
Methods and Protocols

The advent of non-invasive imaging technology, such as magnetic resonance imaging (MRI), has allowed biologists and clinicians to make great strides in unraveling the secrets of the brain. In Magnetic Resonance Neuroimaging: Methods and Protocols, expert researchers in the field provide a comprehensive collection of experimental MRI protocols that can be used to non-invasively interrogate the healthy and diseased brain. The chapters are divided into general techniques, such as the measurement of relaxivity, magnetic resonance spectroscopy, diffusion tensor imaging, and MR reporter genes, as well as specific applications in brain imaging, for example, phenotyping transgenic animals, detecting amyloid plaques, and fMRI in psychiatry. As a volume in the highly successful Methods in Molecular Biology® series, this work contains the type of detailed description and implementation advice that is crucial for getting optimal results.

Features
- Contains highly detailed, non-invasive experimental MRI protocols for use on the brain
- Applicable to both human and animal studies
- Features vital troubleshooting tips and implementation advice from the seasoned expert contributors

From the contents

Target groups
Professional/practitioner

Discount group
P

Multiple Myeloma

Multiple myeloma is currently still an incurable disease, but during the past decade knowledge of its molecular pathogenesis has increased rapidly. This has led to remarkable progress in both diagnosis and therapy, including in particular the approval of novel and first-in-class drugs such as thalidomide, bortezomib, and lenalidomide. This book, written by internationally acknowledged experts, covers a wide range of topics relating to multiple myeloma, including history, epidemiology, pathophysiology, clinical features, staging, and prognostic systems. The principal focus, however, is on therapy, with detailed information on the various promising treatment options which give hope that this cancer will be transformed into a chronic disease or even become curable. Individualized therapy and the variety of supportive treatment options, as described in this volume, will help in achieving this goal, as well as in reducing adverse events and improving quality of life.

Features
- Provides detailed up-to-date information on the full range of treatment strategies for multiple myeloma, with due attention to individualized therapy and supportive options
- Also discusses history, epidemiology, pathophysiology, clinical features, staging, and prognostic systems
- Written by acknowledged experts

From the contents

Fields of interest
Oncology; Hematology; Cancer Research

Target groups
Professional/practitioner

Discount group
MR
Principles of Therapy in the Epilepsies

Principles of Therapy in the Epilepsies provides a concise, authoritative guide to all aspects of the treatment and management of epilepsy. Chapters cover treatments with anti-epileptic drugs, neuro-surgical interventions and other pharmacological and non-pharmacological treatments. The book also overviews management strategies for specific groups of patients including women and elderly patients. This pocket-sized reference work 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
► Written by a world renown expert in the field
► Practical overview of all aspects of the treatment and management of epilepsy

Contents

Fields of interest
Neurology; Psychiatry; Emergency Medicine

Target groups
Professional/practitioner

Discount group
MR

Ankylosing Spondylitis in Clinical Practice

Ankylosing Spondylitis in Clinical Practice is a concise, practical guide on the diagnosis and management of this debilitating condition. This book is aimed at clinicians who treat Ankylosing Spondylitis. It provides an authoritative, accessible guide to the diagnosis, management and treatment of ankylosing spondylitis.

Features
► A concise, practical overview of the diagnosis, treatment and management of ankylosing spondylitis from an authoritative source
► Clear X-Ray images highlight effects of condition on patients and show progress of treatment
► Images of physical therapy exercises for patients with the condition

Contents

Fields of interest
Rheumatology; Orthopedics; Pain Medicine

Target groups
Professional/practitioner

Discount group
MR

Footmarks of Innate Immunity in the Ovary and Cytokeratin-Positive Cells as Potential Dendritic Cells

The monograph introduces innate immunity as second authority in the ovary besides the endocrine system. Innate immunity appears to orchestrate follicular atresia, follicle rupture, follicle transformation into a corpus luteum (CL) and CL regression through nonsterile inflammation and tissue repair. The concept is new. It centres on cytokeratin-positive (CK+) cells being recognized as a potential nonlymphoid dendritic cell type (DC). Part I describes morphological aspects of immune privilege starting with active hamster ovary implants into the chicken chorioallantois membrane. Follicular atresia and follicle rupture correspond with mild and moderate tissue damage in ovaries of small rodents and rabbits. Superovulations cause severe tissue damage through intraovarian oocyte release with follicle wall remnants in oedema, rupture of vessel walls and thrombosis. The complement system and neuropeptides might play regulatory roles.

Features
► The cyclic ovary is a site of tissue damage, repair and precisely controlled tissue homeostasis
► Ovulation and luteolysis have been compared with acute and chronic inflammation respectively for a long time
► The innate immunity appears to be in control as a powerful institution in the backs of the endocrine system

From the contents
1 Background.- 1.1 Innate Immunity, Toll-like Receptors (TLR), and Danger Signals 1.2 The Ovary, Tissue Remodelling, and Immune Privilege.- 1.3 Design.- 2 Material and Methods.- 2.1 Cyclic and Superovulated Ovaries from Rats, Hamsters, Rabbits as well as Canine, Bovine and Human Ovaries.

Fields of interest
Reproductive Medicine; Human Physiology; Immunology

Target groups
Research

Discount group
MR
The Management of Genital Warts in Primary Care

This concise, heavily illustrated text, provides clear and practical guidance on the clinical management of genital warts – the most common of all sexually transmitted diseases. This is a timely text given that the incidence of this highly contagious disease is very much on the increase – particularly among the younger generation. It is an invaluable ‘on-the-spot’ reference for all involved in the treatment of STDs from senior nursing staff to the practising clinicians. Clear presentation of essential information supported with flow charts, algorithms and colour photographs – information is easy to retain and apply. It includes case studies and FAQs (frequently asked questions) which focus on issues of primary concern to patients and carers, expert authors provide balanced and blended coverage of the biology, immunology and management of genital warts.

Features
► Clear presentation of essential information supported with flow charts, algorithms and colour photographs

Contents
Genital warts: an overview.- Biology of the papillomaviruses.- Immunology of the papillomaviruses.- Treatments.- Management issues.- Case studies.- Frequently asked questions.

Field of interest
Urology/Andrology

Target groups
Professional/practitioner

Discount group
MR

Essential Medical Facts Every Clinician Should Know

To Prevent Medical Errors, Pass Board Examinations and Provide Informed Patient Care

Essential Medical Facts presents selected literature-based information clinicians need to know to provide informed patient care and avoid medical misadventures. Facts that can help make us better and safer clinicians include knowing the usefulness of palmar crease palor in detecting anemia (not reliable), antibiotics that can cause a false positive opiate urine drug screen (fluoroquinolones), and an occasional early clue to testicular cancer (gynecomastia). Of course, keeping up to date on current medical knowledge and being curious about the implications of published research conclusions not only help assure superior clinical performance; they also bolster the preparation for board examinations.

Robert B. Taylor, MD is the author and editor of more than two dozen medical books and several hundred published articles, as well a veteran of both rural private practice and chairmanship of a medical school clinical department. Essential Medical Facts is written for clinicians in all specialties, at all stages of professional life. It is a ‘must have’ book for students, residents and practicing physicians, as well as nurse practitioners and physician assistants actively involved in clinical diagnosis and management of disease.

Features
► Presents integral facts clinicians should have learned during their classroom lectures and subsequent clinical training, but often didn’t
► Focus on information, based on current literature, that can help clinicians avoid medical practice errors
► Abundantly referenced and all facts presented are evidence-based

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

Target groups
Professional/practitioner

Discount group
MR

New Techniques in Genital Prolapse Surgery

Approximately 11% of women have undergone surgery for a genital prolapse by the age of 80 and these procedures are now among the most common and frequent operations in females after hysterectomy and c-section. As life expectancy increases and as patients demand a higher quality of life, the number of patients (and surgeons) concerned with this issue is growing. Many of the common techniques for prolapse repair are unchanged since the end of the 19th century when most of the techniques were established. If the 80’s and 90’s were the years of the laparoscopic surgery revolution, the new millennium has started with the urogynaecologic surgery revolution, but there is a difference. While laparoscopic surgery was trying to mimic the same techniques as traditional surgery through a new approach, the new prolapse surgery is trying to modify dramatically the traditional techniques through the same incision. Application of mesh to other areas of surgery for prolapse repair was a logical consequence of the success of TVT and SUI (Tension-free Vaginal Tape and Stress Urinary Incontinence) surgery.

Features
► Drawings and photographs of dissection in the chapter “Anatomy and function” to help the reader learn easily. Comparison in vitro and in vivo (experimental surgery) of most of the available implants to help the reader in his further choice
► A very international list of authors to show the reader a complete picture of the state of art

From the contents

Fields of interest
Gynecology; Surgery; Minimally Invasive Surgery

Target groups
Professional/practitioner

Discount group
MR
Nutrients, Dietary Supplements, and Nutriceuticals
Cost Analysis Versus Clinical Benefits

Nutrients, Dietary Supplements, and Nutriceuticals: Cost Analysis Versus Clinical Benefits provides the most current, concise, scientific appraisal and economic analysis (costs vs. benefit) of nutritional supplements and bioactive components (nutriceuticals) of foods in improving the quality of life. It fills a much-needed gap to have a single volume provide a synopsis of cost analysis of dietary supplements and nutritional products as well as therapies for treatment and prevention of disease. Chapters include emerging fields of science and important discoveries relating to early stages of new nutriceuticals in cancer prevention, prior to clinical trials. Written by international and national standing leaders in the field, Nutrients, Dietary Supplements, and Nutriceuticals: Cost Analysis Versus Clinical Benefits is essential reading for nutritionists, pharmacists, health care professionals, research scientists, cancer workers, pathologists, molecular and cellular biochemists, physicians, general practitioners as well as those interested in diet and nutrition in disease resistance via immune regulation.

Features
- Holistic in its coverage
- Up to date
- Written by international experts
- Well illustrated throughout and “readable”
- Each chapter is “self-contained” in-depth analysis and discourse
- Consistent style and level of coverage from novice to expert

Fields of interest
Clinical Nutrition; Nutrition; Public Health/Gesundheitswesen

Target groups
Professional/practitioner

Discount group
MR

Rural Surgery
Challenges and Solutions for the Rural Surgeon

Incorporating and balancing advancing subspecialization is a significant challenge of modern surgery. The changes of surgical education and early subspecialization is a smaller spectrum of experience of graduating surgeons joining the rural workforce. Surgeons working in rural and remote hospitals, however, must be proficient in the great breadth of current surgical practice and face a number of challenges and demands that are specific to rural surgery.

This textbook provides an update on the evidence and surgical techniques for the experienced rural surgeon and most importantly is a guideline for younger surgeons and surgical trainees joining the general surgical workforce in rural and remote areas around the world.

Features
- First book publication in the field
- International update and outline on most common surgical and emergency procedures in rural surgery
- Covers the entire breadth of current surgical practice

Contents
Challenges of Rural Surgery.- Pre- and Postoperative Care.- Operative Care.- Relevant Orthopedics for General Surgeons.- Other Relevant Operative Specialties for General Surgeons.- Emergency Care.- Index.

Fields of interest
Surgery; Abdominal Surgery; Thoracic Surgery

Target groups
Professional/practitioner

Discount group
MR

Diagnostic and Therapeutic Procedures in Gastroenterology
An Illustrated Guide

Diagnostic and Therapeutic Procedures in Gastroenterology: An Illustrated Guide is a comprehensive volume describing procedures for the gastrointestinal tract in a simple way. Artistic illustrations are provided to educate the physician about procedures, and to provide not only clear descriptions of the changes in the anatomy and physiology, but also to provide advice on medical management of the post-procedure patient. Clear, detailed, artist-rendered illustrations of the anatomy are included as well as appropriate, radiological images. Chapters describe in detail the indications, contraindications, anatomical alterations, and physiological alterations that result from various operations and procedures. Comparisons between alternative operations, complications, medical management issues, and costs are also discussed. Diagnostic and Therapeutic Procedures in Gastroenterology: An Illustrated Guide is a unique volume, written primarily for primary care physicians and general internists. It is also suitable for medical students, residents, nurses and nurse practitioners, nutritionists, dietitians and various subspecialists, who take care of patients with gastrointestinal disorders.

Features
- Comprehensive volume describing procedures for the gastrointestinal tract in a simple way
- Chapters describe in detail the indications, contraindications, anatomical alterations, and physiological alterations that result from various operations and procedures
- Artistic illustrations are provided to educate the physician about procedures

Contents
Diagnostic and Therapeutic Procedures in Gastroenterology: An Illustrated Guide is a comprehensive volume describing procedures for the gastrointestinal tract in a simple way.

Fields of interest
Gastroenterology