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VOLUME IV, EDIÇÃO X





ALWAN, M. Eldercare technology for clinical practitioners. Totowa, N.J.: Humana Press, 2008.

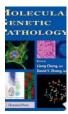
The proportion of the world's population of individuals over the age of 60 is expected to double to 20% by 2030. This change in the demographic, and its potential economic impact on industrialized nations has prompted active research in automated systems for functional and health status monitoring and assistance, enabled by recent technological advancement. Eldercare Technology: A Handbook for Practitioners addresses technologies targeted at the assessment, early detection and the mitigation of common geriatric conditions including decline in functional abilities, gait, mobility, sleep disturbance, vision impairment, hearing loss, falls, and cognitive decline. This book not only describes the state of both embedded and wearable technologies, including technologies under research and on the brink of translation into products. but also focuses on research showing the potential utility of these technologies in the field. Eldercare Technology: A Handbook for Practitioners comes at a time when interest in eldercare technology and the need for effective and appropriate technologies especially are peaking. This important book will be an indispensable aid to all professionals involved in the field of eldercare.



BYHAM-GRAY, L. D. Nutrition in kidney disease. Totowa, N.J.: Humana Press, 2008.

The field of kidney disease has evolved over the years to encompass a broad and sophisticated knowledge base. There has been a proliferation of scientific information and technical advances in the field. In Nutrition in Kidney Disease, the authors provide a comprehensive perspective of the emerging science in nutrition in kidney disease. This important book is written by a collaborative group of distinguished dietitians and physicians in the specialized field of kidney disease and clinical nutrition, who have devoted their careers to the care of patients with kidney disease. At the end of key chapters, case studies assess knowledge of the subject within the context of didactic curriculums. Part I addresses kidney function in health and disease. Parts II and III provide in-depth information on the prevention of common disorders associated with chronic kidney disease, current treatment options based on the latest scientific evidence, and management, while Part IV presents the nutrition concerns of special needs populations. Part V addresses additional nutritional concerns in kidney disease such as complementary and alternative medicine,

cultural issues affecting dietary adherrence, and outcomes research. Nutrition in Kidney Disease provides today's most valuable reference as well as operative tool for the practicing clinician in the fields of nutrition and nephrology, as well as other disciplines whose research, practice, and education include nutrition.



CHENG, L. Molecu-THOLOGY lar genetic pathology.

Totowa, N.J.: Humana Press, 2008.

Molecular Genetic Pathology presents up-to-date material containing fundamental information relevant to the clinical practice of molecular genetic pathology. Part I examines the clinical areas of molecular biology, genomics, pharmacogenomics and proteomics, while Part II covers the molecular areas of medical genetics, microbiology, hematology, transfusion medicine, oncology and forensic pathology. The volume provides a unique reference for the practicing pathologist and medical geneticist as well as a review book for residents and fellows in training in pathology, medical genetics and molecular genetic pathology.

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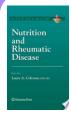


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COLEMAN, L. A. Nutrition and rheumatic disease. Totowa, N.J.: Humana Press, 2008.

It is difficult, if not impossible, for health care providers to remain at the forefront of knowledge for all aspects of nutrition and rheumatic diseases. In Nutrition and Rheumatic Disease, experts provide a comprehensive review of current knowledge regarding nutrition and dietary management for the complex set of rheumatic conditions. Within the disease-specific chapters, the authors present a historical perspective, a discussion of the major clinical features, current management and treatment, a review of the literature related to nutritional status and diet, and dietary recommendations, based on current scientific evidence. The field of rheumatic diseases includes a wide variety of pathologic processes. Adequate reviews of the scientific literature on each of the rheumatic diseases in Nutrition and Rheumatic Disease alleviate the inherent confusion surrounding the risks and benefits of various dietary therapies.



DASGUPTA, A. Handbook of drug monitoring methods: therapeutics and drugs of abuse. Totowa, N.J.: Humana Press, 2008.

In Handbook of Drug Monitoring Methods: Therapeutics and Drug Abuse, authors discuss the different analytical techniques used in today's practice of therapeutic drug monitoring and drugs of abuse as well as alcohol testing with relevant theory, mechanism, and in-depth scientific discussion on each topic. This volume is the perfect handbook and quick reference for any clinical laboratory, allowing clinicians to find the potential source of a false-positive or a false-negative result in the daily operation of a toxicology laboratory. At the same time, this book can also be used as a reference for medical technologists, supervisors, laboratory directors, clinical chemists, toxicologists, and pathologists to find indepth cause of a potential interference and what tests can be ordered to circumvent such problem. The volume's first half focuses on various issues of therapeutic drug monitoring. Additional chapters cover analysis of heavy

metals, alcohol testing, and issues of drugs of abuse testing. These chapters are written by experts in their relative sub-specialties and also by the editor. Comprehensive and timely, Handbook of Drug Monitoring Methods: Therapeutics and Drug Abuse is the ideal text for clinicians and researchers monitoring alcohol and drug testing and other important tasks of toxicological laboratory services.

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DITTEL, K. The double dynamic Martin screw (DMS): adjustable implant system for proximal and distal femur fractures. Heidelberg, Alemanha: Steinkopff,

2008.

The scope and importance of hip fractures is almost incomprehensible. With a world wide incidence of close to 2 million cases per year, theses fractures pose a daunting challenge to our ability to affect and treat this epidemic. Basics for operative treatment of proximal and distal femur fractures: Clear surgical indication Short planning and preparation < 24 h Full weight bearing osteosynthesis Early mobilisation and physiotherapy In comprehensive form the book presents the usage of a meanwhile well installed implant (DMS) for osteosynthesis technique in the peritrochanteric region. The "double dynamic" stabilization (sliding tongue principle and angle adapted contoured fit) means a state of the art fracture treatment procedure. It is a convincing alternative to achieve a biological osteosynthesis at the femur. The system includes an infinitely adjustable, flexible angle, dynamic plate with a tubular distal part.



DUNAIF, A. Polycystic ovary syndrome: current controversies, from the ovary to the pancreas. Totowa, N.J.: Humana Press, 2008.

All four editors of this title are extremely prominent in the field of PCOS. Although they are all U.S.based, they are internationally renowned. The book includes the latest diagnostic criteria for PCOS, and comprises the most up to date information about the genetic features and pathogenesis of PCOS. The diagnostic criteria for PCOS took shape in 1990 following an NIH conference co-organized by Dr. Dunaif, resulting in her classic volume, Polycystic Ovary Syndrome (1992). That title recommended diagnostic criteria of hyperandrogenism and chronic anovlulation with the exclusion of specific disorder of the ovary, adrenal, and pituitary. These criteria dominated the field but were revised in 2003 by a working group of international experts at a conference in Rotterdam. Since then, it has become increasingly clear over the past several years that PCOS is a complex genetic disease resulting from the interacsusceptibility genes and environmental factors. This volume critically reviews the methodological approaches and the evidence for various PCOS susceptibility genes. Additional familial phenotypes of PCOS and their potential genetic basis are also discussed. In all, this title is comprehensive and replete with the latest in expert recommendations on PCOS. This expert opinion remains critical to guiding practice in PCOS because sufficient data for evidence-based guidelines remains scarce.

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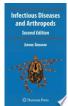


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GODDARD, J. Infectious diseases and arthropods. 2. ed. Totowa, N.J.: Humana Press, 2008.

In this second edition of Infectious Diseases and Arthropods, Jerome Goddard summarizes the latest thinking about the biological, entomological, and clinical aspects of the major vector-borne diseases around the world. His book covers mosquito-, tick-, and flea-borne diseases, and a variety of other miscellaneous vector-borne diseases, including Chagas' disease, African sleeping sickness, onchocerciasis, scrub typhus, and louse-borne infections. The author provides for each disease a description of the vector involved, notes on its biology and ecology, distribution maps, and general clinical guidelines for treatment and control. Among the diseases fully discussed are malaria, dengue and yellow fevers, lymphatic filariasis, spotted fevers, ehrlichiosis, lyme disease, tularemia, and plague. Other arthropod-caused or related problems-such as myiasis, imaginary insect or mite infestations, and arthropod stings and bites-are also treated. At a time when vectorborne diseases are spreading ever more widely, Infectious Diseases and Arthropods provides physicians, infectious disease specialists, medical entomologists, and public health officials with an up-to-date, readily accessible, gold-standard reference source.



HOLT, L. E.; PELHAM, T. E. Flexibility: a concise guide to conditioning, performance enhancement, injury prevention, and rehabilitation. Totowa, N.J.: Humana

Press, 2008.

This groundbreaking book is a definitive guide to flexibility and revises the conceptual framework of the field. In Flexibility: A Concise Guide, the authors provide a fresh perspective on flexibility, one that challenges current thinking and professional practice, from the conceptual foundations of research to the practical applications of stretching techniques in a number of domains. All major types of flexibility technique and training are covered in this comprehensive text, with an emphasis on when and how to use each method safely and effectively. Specific applications to rehabilitation, sport, fitness, and dance make this book an invaluable resource for all practitioners and professionals in the field of human movement. Combining three decades of sport and rehabilitation research with critical and creative thinking and analysis, Flexibility: A Concise Guide is a must-have resource for sports medicine physicians, orthopedic surgeons, physical therapists, athletic therapists, chiropractors, coaches, and other professio-



JAKOWLEW, S. B. Transforming growth factor-[beta] in cancer therapy: volume II cancer treatment and therapy. Totowa, N.J.: Humana

Press, 2008.

Transforming Growth Factor-B in Cancer Therapy, Volumes I and 2, provides a compendium of findings about the role of transforming growth factor-ß (TGF-ß) in cancer treatment and therapy. The second volume, Cancer Treatment and Therapy, is divided into three parts. Part I examines transforming growth factor-B in developing and advanced cancers. Part II details transforming growth factor-B in cancer treatment and therapy. Part III includes an investigation into the development of inhibitors of transforming growth factor-B signaling for therapy. This volume's companion, Basic and Clinical Biology, examines transforming growth factor-B signaling in normal physiology, cancer pathobiology, normal and tumor biology, and inflammation and fibrosis. Together, Transforming Growth Factor-ß in Cancer Therapy, Volumes I and 2, provide researchers and clinicians with a comprehensive and cutting-edge reference for the findings about the role of transforming growth factor-ß in biology and cancer treatment.

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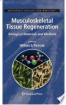


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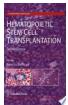
PIETRZAK, W. S. Musculoskeletal tissue regeneration: biological materials and methods. Totowa, N.J.: Humana Press. 2008.

The repair of musculoskeletal tissue is a vital concern of all surgical specialties, orthopedics and related disciplines. Written by recognized experts in their field, Musculoskeletal Tissue Regeneration: Biological Materials and Methods aims to provide both basic and advanced knowledge of the newer methodologies being developed and introduced to the clinical arena. On the cusp of a revolution, musculoskeletal repair is based on new tools that have recently become available or are about to emerge into clinical practice. By their very nature, these tools require an interdisciplinary approach, utilizing teams comprised of surgeons, engineers, and scientists in collaboration between industry and academia. A valuable resource for researchers, developers, and clinicians, Musculoskeletal Tissue Regeneration: Biological Materials and Methods presents a foundation to propel the technology and integration of the current state of knowledge into the twenty-first century.



ENDOSCOPIC SHAHINIAN, H. K. Endoscopic skull base surgery: a comprehensive guide with illustrative cases. Totowa, N.I.: Humana Press, 2008.

To date, more than three thousand brain and skull base tumors, along with various vascular problems, have been treated by using advanced, fully endoscopic, minimally invasive surgical techniques. In Endoscopic Skull Base Surgery, Dr. Hrayr K. Shahinian, director of the Skull Base Institute, compiles these techniques. Highly specific and amply illustrated by over six hundred color photographs complete with a compendium of the necessary surgical instruments, the step-by-step operating room procedures provide a definitive guide to the difficult yet essential art of skull base surgery. Comprehensive and concise, Endoscopic Skull Base Surgery is ideal for all surgical specialists and those training to become specialists who wish to gain a new tool in the noble, on-going cause of saving lives.



SOIFFER, R. J. Hematopoietic stem cell transplantation. 2. ed. Totowa, N.J.: Humana Press, 2008.

Remarkable developments in the field of transplantation have created opportunities to address the formidable challenges of transplantation across histocompatibility barriers, stem cell expansion, and prevention of complications and generation of graft-vs-tumor activity to eradicate residual disease. Stem Cell Transplantation for Hematologic and Other Disorders, Second Edition provides a glimpse into potential future applications of bone marrow derived stem cells in the field of cardiac repair. The updated chapters introduce the biologic underpinnings of hematopoietic cell transplantation, basic stem cell biology, immunobiology, and histocompatibility, with emphasis on indications and results of transplantation for specific diseases. Written by experts in the field, Stem Cell Transplantation for Hematologic Disorders, Second Edition provides seasoned professionals with a complete understanding of the current state of transplantation biology as well as a clear vision into the future.

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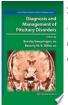


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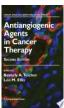
VOLUME IV, EDIÇÃO X





SWEARINGEN, B. Diagnosis and management of pituitary disorders. Totowa, N.J.: Humana Press, 2008.

This text provides a detailed update on current diagnostic and therapeutic techniques useful in the management of a broad spectrum of pituitary disorders. The contents reflect the multidisciplinary approach needed for patients with disorders of the pituitary gland, with contributions from both endocrinologists and neurosurgeons, as well as specialty contributions from radiologists, ophthalmologists, pathologists, radiation oncologists, and neurologists. The book focuses on each pituitary tumor subtype, and contains additional chapters related to other lesions of the sella, including tumor management during pregnancy and in the pediatric age group.



TEICHER, B. A. Antiangiogenic agents in cancer therapy. 2. ed. Totowa, N.J.: Humana Press, 2008.

Antiangiogenesis remains a dynamic and evolving field in oncology. New therapeutic targets continue to emerge followed by the rapid development of new therapeutic agents to be investigated in clinical trials. Optimizing the therapeutic potential of antiangiogenic agents in combination with the other therapies in the armamentarium to fight cancer will be an on-going challenge. Antiangiogenic Agents in Cancer Therapy, Second Edition provides a current, up-dated perspective on the state of the art of angiogenesis and therapy with a compendium of scientific findings and approaches to the study of angiogenesis in cancer. Leaders in the field present chapters on such topics as the environmental influences and the genetic and physiologic abnormalities that mediate angiogenesis and its role in the progression of malignant disease, working models of tumor angiogenesis, and the role of angiogenesis inhibition in the therapy of malignant disease in humans. Comprehensive and cuttingedge, Antiangiogenic Agents in Cancer Therapy, Second Edition is an ideal, valuable guide to the most recent advances in the field, and a collection that will be useful for many years to come.



TOMBRAN-TINK, J. Mechanisms of the glaucomas: disease processes and therapeutic modalities. Totowa, N.J.: Humana Press, 2008.

(Pending) The mechanisms of the various forms of glaucoma were unknown at the outset of the twentieth century. Late in the twentieth century, two nascent areas of research were beginning to provide glimpses of what the twenty-first century held in store for the future of glaucoma: the mechanisms of glaucomatous optic neuropathy and the molecular basis of the glaucomas. In Mechanisms of the Glaucomas: Disease Processes and Therapeutic Modalities, the authors review the most current knowledge available in the field and provide a basis in which researchers can effectively study the glaucomas. The intent of the book is not primarily to describe the clinical appearances of the glaucomas nor how to manage them. Rather, it is to provide basic scientists, who are working in the field of glaucoma, with a current understanding of the clinical aspects of glaucoma, and to provide clinician scientists with the basic knowledge, as they attempt to translate it into rational treatments for glaucoma. In this important new book leaders in

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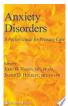
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the various fields of glaucoma review our current understanding of glaucoma from epidemiology and genetics through molecular, cellular and tissue responses to the mechanisms of the glaucomas and the mechanisms by which we manage them. Mechanisms of the Glaucomas: Disease Processes and Therapeutic Modalities will be of great value as its contents will aid the reader in prevention of blindness from glaucoma.



VANIN, J. R.; HELSLEY, J. Anxiety disorders: a pocket guide For primary care. Totowa, N.J.: Humana Press, 2008.

Recognition and treatment of psychiatric disorders is a rapidly growing demand for today's busy primary care practitioners. In Anxiety Disorders: A Pocket Guide for Primary Care, distinguished clinicians combine over a century of experience into concise, practical information and techniques for the diagnosis, evaluation, and effective management of psychiatric disorders. This indispensable resource offers an easy to understand overview of anxiety disorders including adjustment disorder, panic disorder, posttraumatic stress disorder, obsessi--compulsive disorder, and substance -induced anxiety disorder. The authors examine key somatic complaints and comorbidities that often mask underlying psychiatric problems and illuminate extremely effective treatment modalities in both psychological and pharmacotherapy. With proper evaluation and management, primary care practitioners will bring greater quality of life to individuals affected by anxiety disorders. Anxiety Disorders: A Pocket Guide for Primary Care is a most-timely resource for diagnosing mental disease, educating patients, and improving treatment outcomes.



VUKICEVIC, S. Bone morphogenetic proteins from local to systemic therapeutics. Basel, Suíça: Birkhäuser Basel, 2008.

Tissue engineering is gaining interest as it is applied for regeneration of organs to attain their lost function. Although resorbable scaffolds and progenitor cell types are required principles to engineer a functional tissue locally, the inductive signal is a prerequisite to trigger the growth and differentiation of responding cells in space and time. Bone morphogenetic proteins (BMPs), also called growth and differentiation factors (GDFs), originally identified from bone have been successfully used to regenerate the bone in humans. Most recent preclinical data suggests that BMPs have a potential to provide protection against inflammation and fibrosis in acute and chronic injury of parenchymal tissues when applied systemically to sustain the function of kidney and liver. The application of BMPs from a local to systemic utility is a rapidly growing field, gaining interest among researchers and biotech entrepreneurs. In this volume, we summarize the advances made on the local and systemic use of BMPs including chapters

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covering the regulation of BMP-signalling pathways, biological actions of BMPs in bone, cartilage and teeth, as well as clinical applications and potential systemic use of BMPs for tissues beyond bone. This volume is of interest to researchers from immunology, cell biology, biochemistry, and clinicians from orthopedics and dentistry, as well as to research managers from biotech and pharmaceutical companies.



WACKERS, F. J. Th.; BRUNI, W. Nuclear cardiology, the basics: how to set up and maintain a laboratory. 2. ed. Totowa, N.J.: Humana Press, 2008.

The purpose of this book is to provide the outline for the "nuts and bolts" establishment and operation of a nuclear cardiology laboratory. In so doing, the authors have attempted to deal with the relevant issues that a laboratory director must address in either setting up the laboratory or maintaining its competitive edge and clinical competence over time. The authors primarily attempted to identify issues related to outpatient imaging facilities. However, where appropriate issues related to inpatients in hospitalbased laboratories are also discussed. In this new edition, the authors have kept the basic format established in the first edition. In addition to reviewing, modifying and updating each chapter in the first edition, they have added entirely new chapters on PET imaging, hybrid imaging and the clinical appropriateness of nuclear cardiology procedures.



WEETMAN, A. P. Autoimmune diseases in endocrinology. Totowa, N.J.: Humana Press, 2008.

Autoimmune Diseases in Endocrinology is a comprehensive and novel text that examines key features that predispose individuals to autoimmune diseases. The text begins with three introductory chapters which provide sufficient information so that anyone, including those without a background in recent immunology, will be able to understand the developments in the field. The next and largest section of the book concerns autoimmune thyroid disease, and authors of these chapters take the reader through the basic epidemiology, genetic and environmental risk factors, immunopathogenesis, and the diagnostic and management aspect of the disease. The next section discusses Type I diabetes mellitus. In the final section, authors explain other autoimmune endocrinopathies, including Addison's disease, premature ovarian failure, autoimmune hypophysitis, and autoimmune polyglandular syndrome types I and 2. Comprehensive and timely, Autoimmune Diseases in Endocrinology will become an essential reference for all endocrinologists and internal medicine practitioners working in this field.

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