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Principles and Concepts of Behavioral Medicine A Global Handbook Edwin B. Fisher, Linda D. Cameron, Alan J. Christensen, Ulrike Ehler, Brian Oldenburg, Frank J. Snoek and Yan Guo *This definitive handbook brings together an international array of experts to present the broad, cells-to-society perspectives of behavioral medicine that complement conventional models of health, health care, and prevention. In addition to applications to assessment, diagnosis, intervention, and management, contributors offer innovative prevention and health promotion strategies informed by current knowledge of the mechanisms and pathways of behavior change. Its range of conceptual and practical topics illustrates the central role of behavior in health at the individual, family, community, and population levels, and its increasing importance to person-centered care. The broad perspectives on risk (e.g., stress, lifestyle), management issues (e.g., adherence, social support), and overarching concerns (e.g., inequities, health policy) makes this reference uniquely global as it addresses the following core areas:*

- *The range of relationships and pathways between behavior and health.*
- *Knowing in behavioral medicine; epistemic foundations.*
- *Key influences on the relationships among behavior, health, and illness.*
- *Approaches to changing behavior related to health.*
- *Key areas of application in prevention and disease management.*
- *Interventions to improve quality of life.*
- *The contexts of behavioral medicine science and practice.*

Principles and Concepts of Behavioral Medicine opens out the contemporary world of behavior and health to enhance the work of behavioral medicine specialists, health psychologists, public health professionals and policymakers, as well as physicians, nurses, social workers and those in many other fields of health practice around the world.

What is persistent pain? How do we communicate pain, not only in words but in visual images and gesture? How do we respond to the pain of another, and can we do it better? Can explaining how pain works help us handle it? This unique compilation of voices addresses these and bigger questions. Defined as having lasted over three months, persistent pain changes the brain and nervous system so pain no longer warns of danger: it seems to be a fault in the system. It is a major cause of disability globally, but it remains difficult to communicate, a problem both to those with pain and those who try to help. Language struggles to bridge the gap, and it raises ethical challenges in its management unlike those of other common conditions. Encountering Pain shares leading research into the potential value of visual images and non-verbal forms of communication as means of improving clinician-patient interaction. It is divided into four sections: hearing, seeing, speaking, and a final series of contributions on the future for persistent pain. The chapters are accompanied by vivid photographs co-created with those who live with pain. The volume integrates the voices of leading scientists, academics and contemporary artists with poetry and poignant personal testimonies to provide a manual for understanding the meanings of pain, for healthcare professionals, pain patients, students, academics and artists. The voices and experiences of those living with pain are central, providing tools for discussion and future research, shifting register between creative, academic and personal contributions from diverse cultures and weaving them together to offer new understanding, knowledge and hope.

This seminal volume is a comprehensive review of the literature on children’s television, covering fifty years of academic research on children and television. The work includes studies of content, effects, and policy, and offers research conducted by social scientists and cultural studies scholars. The research questions represented here consider the content of programming, children’s responses to television, regulation concerning children’s television policies, issues of advertising, and concerns about sex and race stereotyping, often voicing concerns that children’s entertainment be held to a higher standard. The volume also offers essays by scholars who have been seeking answers to some of the most critical questions addressed by this research. It represents the interdisciplinary nature of research on children and television, and draws on many academic traditions, including communication studies, psychology, sociology, education, economics, and medicine. The full bibliography is included on CD. Arguably the most comprehensive bibliography of research on children and television, this work illustrates the ongoing evolution of scholarship in this area, and establishes how it informs or changes public policy, as well as defining its place in a future agenda. The volume will be a required resource for scholars, researchers, and policy makers concerned with issues of children and television, media policy, media literacy and education, and family studies.

Contact urticaria is an immediate but transient localized swelling and redness that occurs on the skin after direct contact with an offending substance. It is caused by a variety of compounds, such as foods, preservatives, fragrances, plant and animal products, metals, and rubber latex and the mechanism by which these provoke an immediate urticarial rash at the area of contact can be divided into two categories: non-immunological contact urticaria and immunological (allergic) contact urticaria. Non-immunological contact urticaria typically causes mild localized reactions that clear within hours, e.g. stinging nettle rash. This type of urticaria occurs without prior exposure of a patient’s immune system to an allergen. Immunological contact urticaria occurs most commonly in atopic individuals (people who are prone to allergy). Hence prior exposure to an allergen is required for this type of contact urticaria to occur. While there have been other texts written on the subject over the last decade, this book is intended as an easily accessible guide for dermatologists and residents, as well as general practitioners, summarizing the most important concepts that will help physicians identify the signs and symptoms of Contact Urticaria Syndrome in their daily clinical practice. Each chapter is laid out in the following format: Concepts, Tools and Algorithms of Diagnosis and Management, a Clinical Case for each entry, and Recommendations. Additionally, the Volume Editors have worked to provide a global approach to this syndrome using internationally standardized requirements for diagnosis.

Physical Therapy Perspectives in the 21st Century

A Multidisciplinary Approach

Competition Demystified

Contact Urticaria Syndrome

FBI Handbook of Crime Scene Forensics

Media Debates

Resilience Across Contexts

The Blood Group Antigen FactsBook has been an essential resource in the hematology, transfusion and immunogenetics fields since its first publication in the late 1990’s.The third edition of The Blood Group Antigen FactsBook has been completely revised, updated and expanded to cover all 32 blood group systems. It blends scientific background and clinical applications and provides busy researchers and clinicians with at-a-glance information on over 330 blood group antigens, including history and information on terminology, expression, chromosomal assignment, carrier molecular description, functions, molecular bases of antigens and phenotypes, effect of enzymes/chemicals, clinical significance, disease associations and key references. Over 330 entries on blood group antigens in individual factsheets Logical and concise catalogue structure for each antigen Written by 3 international experts from the field of Immunohematology and transfusion medicine

This book reviews the principles of infection control and the guidelines and standards of care in multiple countries, discussing them within the context of the practice of dentistry. The aim is to enable dental practitioners to ensure that the appropriate measures are adopted for each patient contact, thereby minimizing the risk of transmission of infection – a goal that is becoming ever more important given the threats posed by new or re-emerging infectious diseases and drug-resistant infections. Readers will find information and guidance on all aspects of infection control within the dental office: hand and respiratory hygiene, use of personal protective equipment, safe handling of sharps and safe injection practices, management of occupational exposures, maintenance of dental unit water quality, surface disinfection, and the cleaning and sterilization of dental instruments. Infection Control in the Dental Office will be an invaluable asset for all dental practitioners, including dentists, dental specialists, dental hygienists, and dental assistants.

Every student package automatically includes a CD-ROM containing the Microbiology Place website, along with an access code for the Microbiology Place website. Students and instructors continue to make Microbiology: An Introduction the No. 1 selling non-majors microbiology text, praising its careful balance of microbiology concepts and applications, proven art that teaches, and its straightforward presentation of complex topics. For the Eighth Edition, this successful formula has been refined with updated research, applications, and links to an enhanced Microbiology Place Website/CD-ROM. Supported by a new online study guide, this new edition provides the most current coverage, technology, and applications for microbiology students.

Minimally invasive surgery has become a common term in visceral as well as gynecologic surgery. It has almost evolved into its own surgical speciality over the past 20 years. Today, being firmly established in every subspecialty of visceral surgery, it is now no longer a distinct skillset, but a fixed part of the armamentarium of surgical options available. In every indication, the advantages of a minimally invasive approach include reduced intraoperative blood loss, less postoperative pain, and shorter rehabilitation times, as well as a marked reduction of overall and surgical postoperative morbidity. In the advent of modern oncologic treatment algorithms, these effects not only lower the immediate impact that an operation has on the patient, but also become important key steps in reducing the side-effects of surgery. Thus, they enable surgery to become a module in modern multi-disciplinary cancer treatment, which blends into multimodular treatment options at different times and prolongs and widens the possibilities available to cancer patients. In this quickly changing environment, the requirement to learn and refine not only open surgical but also different minimally invasive techniques on high levels deeply impact modern surgical training pathways. The use of modern learning tools and new and praxis-based surgical training possibilities have been readily integrated into modern surgical education, which persists throughout the whole surgical career of modern gynecologic and visceral surgery specialists.

Infection Control in the Dental Office

Family, Work, Culture, and Community

Managing Severe and Enduring Anorexia Nervosa

Kaplan & Sadock’s Synopsis of Psychiatry

Fifty Years of Research

Fertility Preservation in Male Cancer Patients

report of the third meeting of the WHO Strategic Advisory Group of Experts on In Vitro Diagnostics, 2020 (including the third WHO model list of essential in vitro diagnostics)

Lactic acid bacteria (LAB) are a diverse group of bacteria that comprise low GC content Gram-positive cocci or rods that produces lactic acid as the major end product of the fermentation process. Bifidobacterium genera may also be considered as a part of the LAB group for possessing some similar phenotypical characteristics despite the higher GC content. The key feature of LAB metabolism is efficient carbohydrate fermentation. This contributes to the production of several microbial metabolites that result in the improvement of flavor and texture of fermented foods, in addition to its positive impact on the human health when LAB is administered as a probiotic. The book deals with advances made in the functionalities of LAB, such as their effect on vitamin D receptor expression, impact on neurodegenerative pathologies, production of B-vitamins for food bio-enrichment, production of bacteriocins to improve gut microbiota dysbiosis, production of metabolites from polyphenols and their effects on human health, effect on reducing the immunoreaction of food allergens, as biological system using time-temperature to improve food safety, and the use of probiotics in animal feed. The book also reviews the use of LAB and probiotic technologies to develop new functional foods and functional pharmaceuticals.

Venice and Padua are neighboring cities with a topographical and geopolitical distinction. Venice is a port city in the Venetian Lagoon, which opened up towards Byzantium and the East. Padua on the mainland was founded in Roman times and is a university city, a place of Humanism and research into antiquity. The contributions analyze works of art as aesthetic formulations of their places of origin, which however also have an effect on and expand their surroundings. International experts investigate how these two different concepts stimulated each other in the Early Modern Age, and how the exchange worked.

Masters Theses in the Pure and Applied Sciences was first conceived, published, and dis seminared by the Center for Information and Numerical Data Analysis and Synthesis (CINDAS) * at Purdue University in 1957, starting its coverage of theses with the academic year 1955. Beginning with Volume 13, the printing and dissemination phases of the ac tivity were transferred to University Microfilms/Xerox of Ann Arbor, Michigan, with the thought that such an arrangement would be more beneficial to the academic and general community. After five years of this joint undertaking we had concluded that it was in the interest of all concerned if the printing and distribution of the volume were handled by an international publishing house to assure improved service and broader dissemination. Hence, starting with Volume 18, Masters Theses in the Pure and Applied Sciences has been disseminated on a worldwide basis by Plenum Publishing Corporation of New York, and in the same year the coverage was broadened to include Canadian universities. All back issues can also be ordered from Plenum. We have reported in Volume 24 (thesis year 1979) a total of 10,033 theses titles from 26 Canadian and 215 United States universities. We are sure that this broader base for these titles reported will greatly enhance the value of this important annual reference work. While Volume 24 reports these submitted in 1979, on occasion, certain universities do report theses submitted in previous years but not reported at the time.

Each volume developed under the direction of Andreas Schleicher, Yuri Bellafi and others.

Treating and Preventing Adolescent Mental Health Disorders

Microbiology

Surgical Decision Making E-Book

The Blood Group Antigen Factsbook

Grave Dangers, Great Promise

Hearing, seeing, speaking

Fungal Infections in Immunocompromised Hosts

Competition DemystifiedA Radically Simplified Approach to Business StrategyPenguin

It is beyond dispute that physical activity is good for us, but what are the benefits, challenges and impacts of sport on health? This is the first book to focus on football in the context of health from individual, public and population-level perspectives. Football as Medicine examines the effects of football training on the three main types of fitness (cardiovascular, metabolic and musculoskeletal) and on specific target populations (for example, children, type 2 diabetes patients, cancer patients, people with mental health conditions, the socially deprived and older people). It discusses the significance of football for public health and assesses the efficacy of football interventions by clubs and community sport development programs. With its multi-disciplinary approach, this is a valuable resource for students, researchers and practitioners working in physical activity and health, public health, health promotion and medicine, as well as football and sport business management, sport and exercise science, and the sociology of sport.

The recycling and reuse of materials and objects were extensive in the past, but have rarely been embedded into models of the economy; this volume is the first to explore these practices in the Roman economy, drawing on a variety of methodological approaches and new scientific developments in a wide-ranging interdisciplinary study.

The present book contains the Proceedings of a two day Symposium on Uremic Toxins organized at the University of Ghent in Belgium. A series of guest lectures, free communications and posters have been presented. An international audience of 163 scientists from 16 nationalities listened to and discussed extensively a spectrum of topics brought forward by colleagues and researchers who worked for many years in the field of Uremic Toxins. There is a striking contrast between all the new dialysis strategies available in the work to “clean” the uremic patients and the almost non-progression of our knowledge on uremic toxins in the past decade. In this sense the symposium was felt by all participants as a new start for the research in the biochemical field of the definition of uremia. If the present volume would stimulate new work in this field in order to define uremia, or identify the uremic toxins, the purpose of the organizers would be maximally fulfilled.

A Global Perspective

American Homicide

Transcultural Exchange in the Early Modern Age

The selection and use of essential in vitro diagnostics

Accepted by Colleges and Universities of the United States and Canada. Volume 24

Textbook of Family Medicine

Judging Research

Tomorrow’s best physicians will be those who continually learn, adjust, and innovate as new information and best practices evolve, reflecting adaptive expertise in response to practice challenges. As the first volume in the American Medical Association’s MedEd Innovation Series, The Master Adaptive Learner is an instructor-focused guide covering models for how to train and teach future clinicians who need to develop these adaptive skills and utilize them throughout their careers. Explains and clarifies the concept of a Master Adaptive Learner: a metacognitive approach to learning based on self-regulation that fosters the success and use of adaptive expertise in practice. Contains both theoretical and practical material for instructors and administrators, including guidance on how to implement a Master Adaptive Learner approach in today’s institutions. Gives instructors the tools needed to empower students to become efficient and successful adaptive learners. Helps medical faculty and instructors address gaps in physician training and prepare new doctors to practice effectively in 21st century healthcare systems. One of the American Medical Association Change MedEd initiatives and innovations, written and edited by members of the ACE (Accelerating Change in Medical Education) Consortium – a unique, innovative collaborative that allows for the sharing and dissemination of groundbreaking ideas and projects.

A number of societal risks pose serious challenges to families’ well-being, many of which cut across divisions of class and race. These challenges include: changes in the labor market and economy; the increasing participation of mothers in the labor force; the changing nature of family structure and the composition of households; and the increase in the number of immigrant families. Key institutions in the lives of families, including places of employment and schools, can play a significant role in fostering families’ capacity to adapt to the potential challenges they face. Resilience Across Contexts: Family, Work, Culture, and Community presents papers–written by leading scholars in varied disciplines including economics, developmental and educational psychology, education, and sociology–discussing factors that influence resilience development. The authors’ research focuses on emerging issues that have significant implications for policy and practice in such areas as employment and new technologies; maternal employment and family development; family structure and family income; incarceration, and education of children and youth; and social and human services delivery. The book’s overall goal is to take stock of what is known from research and practice on some of the challenges facing children and families for policy development and improvement of practices.

Guidance and procedures for safe and efficient methods for the FBI’s Laboratory Division and Operational Technology Division. The FBI Handbook of Crime Scene Forensics is the official procedural guide for law enforcement agencies, attorneys, and tribunals who wish to submit evidence to the FBI’s Laboratory and Investigative Technology Divisions. This book outlines the proper methods for investigating crime scenes, examining evidence, packing and shipping evidence to the FBI, and observing safety protocol at crime scenes. Types of evidence discussed include: Bullet jacket alloys Computers Hair Inks Lubricants Ropes Safe insulations Shoe prints Tire treads Weapons of mass destruction Particular attention is paid to recording the appearance of crime scenes through narratives, photographs, videos, audiotapes, or sketches. A guide for professional forensics experts and an introduction for laymen, the FBI Handbook of Crime Scene Forensics makes fascinating reading for anyone with an interest in investigative police work and the criminal justice system.

This book focuses on the epidemiology, diagnosis and management of Healthcare-Associated Infections (HAIs) in children. Unlike similar texts, this book details both the general principles involved in HAIs and infection prevention and also provides a problem-oriented approach, more precisely meeting the needs of a clinician at the bedside. Importantly, included in this text are discussions on medical device-related infections in children. The book is divided into three principle sections: 1) basic principles of infection control and prevention, 2) major infectious syndromes and 3) infections in vulnerable hosts. Each chapter covers the epidemiology, microbiology, clinical features, diagnosis, medical management and prevention of the disease entity of interest. Written by experts in the field, chapters are evidence-based, drawing from the published medical literature as well as from clinical practice guidelines. Richly illustrated with tables, figures and algorithms, the book is designed to assist in the evaluation and management of these often complex patients. Healthcare-Associated Infections in Children is a valuable resource for infectious disease specialists, intensivists, neonatologists, surgeons, oncologists, infection preventionists, hospitalists and nurses, and all medical professionals treating children who are susceptible to HAIs.

Issues in Mass Communication

A Global Handbook

Football as Medicine

Recycling and Reuse in the Roman Economy

A Functional Approach

Uremic Toxins

An Introduction

Groundwater has long been an object of intense scrutiny. Only recently have methods become available that permit ecologists, hydrologists, and environmental scientists to assess the biotic and abiotic status of these all-important aquifers. The dynamics of water movement through complex subterranean ecosystems The biological organization and the factors that constrain these ecosystems Alluvial and karst ecosystem functions Contamination, management, and remediation

An Iranian sponsored terrorist attack kills thousands of innocent people and results in UN sanctions against Iran. Iran retaliates by blocking 20% of the world’s oil supply, bringing the world’s economy to the brink of a depression. A private citizen, a geologist, working in Saudi Arabia on a previous mission, who can avoid media scrutiny and adverse publicity, is enlisted by the US President to go to Tehran to offer the Iranian president a proposal to resolve the issue and avoid military conflict. Iranian hardliners attempt to prevent the meeting by threatening the American citizen with imprisonment or death on his arrival in Tehran. Personal animosities within the US government play an outsized role in how the crisis is handled. Embedded in this story of intrigue and action, is a love story between the American citizen-negotiator and the daughter of the Admiral heading the Fifth Fleet based in Bahrain. Can the world’s oil supply be restored before there is an economic disaster, and without a nuclear war?

This book provides protocols for suicide and suicidal death investigation, police action shooting investigations and a homicide supervisor’s checklist. It contains state-of-the-art anatomical graphics in full color to assist the investigator in describing any injuries or wounds to the body.

Edited by Robert E. RakeI, MD and David P. RakeI, MD, Textbook of Family Medicine remains your #1 choice for complete guidance on the principles of family medicine, primary care in the community, and all aspects of clinical practice. Ideal for both residents and practicing physicians, it includes evidence-based, practical information to optimize your patient care and prepare you for the ABFM exam. The full-color format features a clean, quick-reference layout that makes it easy for you to put information to work immediately in your practice. You can also access the complete contents online at www.expertconsult.com, plus 30 videos of common office procedures, additional chapters on timely topics, and figures, tables, and photographs that supplement the text. Prepare for success on the ABFM exam with complete coverage of all aspects of family medicine. Access information quickly with an efficient, full-color layout that makes it easy to apply the latest knowledge in your practice. Take advantage of today’s most useful online resources with a convenient list of outstanding clinical websites. Quickly spot "Best Evidence Recommendations" with special boxes located throughout the text. Clean helpful tips on diagnosis and therapy from "Key Points" boxes found on every page. Access the complete contents and illustrations online at www.expertconsult.com - fully searchable - plus additional figures, tables, and photographs online, as well as online-only chapters that cover topics such as prescribing nutritional supplements and botanicals. View 30 videos online covering common office procedures such as vasectomy, the proper use of today’s diabetic equipment, and endometrial biopsy. Gain a new understanding of the patient-centered medical home and how to achieve this status in outpatient clinics. Make the most effective care decisions with help from "Evidence vs. Harm" icons that guide you through key treatments of common medical conditions. The Textbook of Family Medicine continues to provide the latest, most comprehensive coverage of family medicine practice.

The Butterfly Bruises

Grand Celebration: 10th Anniversary of the Human Genome Project

Padua and Venice

Groundwater Ecology

Trends Shaping Education 2019

Lactic Acid Bacteria

Challenges and Possibilities

Did you ever wonder whether education has a role to play in preparing our societies for an age of artificial intelligence? Or what the impact of climate change might be on our schools, families and communities? Trends Shaping Education examines major economic, political, social and ...

Men with cancer rendered infertile by surgery, chemotherapy, radiation and hormone therapy that are needed to control or cure their disease are increasingly being offered the chance to preserve their reproductive potential through artificial reproductive technologies. Cryopreservation of sperm and testicular tissue have increasingly helped boys and men preserve their fertility. There is a growing subspecialty within reproductive medicine aimed at fertility preservation in this population. Furthermore, strategies are being developed that may in the future revolutionize the approach to such patients. Written by international authorities in the field of fertility preservation, this comprehensive book is aimed at clinicians dealing with male cancer patients, in particular, urologists, andrologists, oncologists, pediatricians and nursing staff as well as clinicians in reproductive endocrinology. The text reviews the impact of cancers and their treatment on male fertility, the available fertility preservation strategies and post-treatment management.

Bruce Greenwald, one of the nation’s leading business professors, presents a new and simplified approach to strategy that cuts through much of the fog that has surrounded the subject. Based on his hugely popular course at Columbia Business School, Greenwald and his coauthor, Judd Kahn, offer an easy-to-follow method for understanding the competitive structure of your industry and developing an appropriate strategy for your specific position. Over the last two decades, the conventional approach to strategy has become frustratingly complex. It’s easy to get lost in a sophisticated model of your competitors, suppliers, buyers, substitutes, and other players, while losing sight of the big question: Are there barriers to entry that allow you to do things that other firms cannot?

Sponsored by the Adolescent Mental Health Initiative of the Annenberg Public Policy Center (APPC) of the University of Pennsylvania and the Annenberg Foundation Trust at Sunnyslands Trust, Treating and Preventing Adolescent Mental Health Disorders, Second Edition, provides a major update since the first edition in 2005. It addresses the current state of knowledge about the major mental health disorders that emerge during adolescence, including updated DSM-5 diagnostic criteria. Here, six commissions established by the APPC and the Sunnyslands Trust pool their expertise on adolescent anxiety, schizophrenia, substance use disorders, depression and bipolar disorders, eating disorders, and suicidal behavior in sections that thoroughly define each disorder, outline and assess available treatments, discuss prevention strategies, and suggest a research agenda based on what we know and don’t yet know about these various conditions. Two additional behavioral disorders-gambling and internet addiction-are covered in this second edition. As a meaningful counterpart to its primary focus on mental illness, the volume also incorporates the latest research from a seventh commission-on positive youth development-which addresses how we can fully prepare young people to be happy and successful throughout their lives. Concluding chapters discuss overarching issues regarding the behavioral and mental health of adolescents: overcoming the stigma of mental illness, the research, policy, and practice context for the delivery of evidence-based treatments, and the development of a more robust agenda to advance adolescent health. Integrating the work of eminent scholars in both psychology and psychiatry, this work will be an essential volume for academics and practicing clinicians and will serve as a

A Clinician’s Guide

Healthcare-associated Infections in Children

Diagnosis and Management

The Authoritative Guide to Navigating Crime Scenes

Children and Television

Prescribing Football for Global Health Promotion

Encountering Pain

This book contains new information on physical therapy research and clinical approaches that are being undertaken into numerous medical conditions: biomechanical and musculoskeletal conditions as well as the effects of psychological factors, body awareness and relaxation techniques; specific and specialist exercises for the treatment of scoliosis and spinal deformities in infants and adolescents; new thermal agents are being introduced and different types of physical therapy in both in the home and clinical setting. Additionally research into physical therapy interventions for patients with respiratory, cardiovascular disorders and stroke is being undertaken and new concepts of wheelchair design are being implemented.

The 2019 MPDI Writing Prize invited early stage researchers who are not native English speakers to write on the subject of “how research should be evaluated and how researchers should be rewarded”. Six prizes were awarded, however there were many more entries. This book collates many of those entries and contains inspiring, thought-provoking and original viewpoints of open science through the eyes of those conducting research on a daily basis. Based on the only evidence-based randomized controlled trial yet undertaken in patients with severe and enduring anorexia nervosa, Managing Severe and Enduring Anorexia Nervosa uses the results of that trial to present a new paradigm for treatment. Moreover, this informative new text assembles the leading scientists across three continents to provide a comprehensive overview and new paradigm for treatment and stimulate interest in the development of new psychosocial and pharmacological treatments in the field of eating disorders will find this edited volume a valuable reference handbook in the clinical management of patients with anorexia nervosa.

Using a proven, practical, algorithmic approach, Surgical Decision Making summarizes evidence-based guidelines and practice protocols in an easy-to-follow format. Designed to sharpen the decision-making skills of both trainees and practicing surgeons, the 6th Edition directs your focus to the critical decision points in a wide range of clinical scenarios, helping you determine optimal evaluation and management to secure the best possible patient outcomes. Algorithms are accompanied by factors affecting decisions in a concise, readable manner. Reflects the scope of practice of today’s general surgeon, with fresh, expert perspectives from new editor Dr. Richard Schulick and numerous new contributors. Contains 58 new chapters and thoroughly revised content throughout. Includes new coverage of Preoperative Evaluation of the Geriatric Patient, Pancreatic Cystic Neoplasm, Familial Breast Cancer, Resuscitative Endovascular Balloon Occlusion of the Aorta, Blunt C on an easy-to-follow, consistent format, with an algorithm on one page and short descriptions explaining the various steps in the decision-making process on the opposite page. Includes explanatory notes that summarize presenting signs and symptoms, laboratory investigation, diagnostic modalities, surgical therapies, and adjuvant therapies for each condition. Encompasses both general surgery and surgical subspecialties?helping you directly manage a broad range of problems. Empha

The 2019 MDPI Writing Prize

Recent Advances in Minimally Invasive Surgery

What We Know and What We Don’t Know

PISA 2015 Results

A Guide to Prevention and Management

Crisis in the Mideast

Accurate, reliable, objective, and comprehensive, Kaplan & Sadock's Synopsis of Psychiatry has long been the leading clinical psychiatric resource for clinicians, residents, students, and other health care professionals both in the US and worldwide. Now led by a new editorial team of Drs. Robert Boland and Marcia L. Verduin, it continues to offer a trusted overview of the entire field of psychiatry while bringing you up to date with current information on key topics and developments in this complex specialty. The twelfth edition has been completely reorganized to make it more useful and easier to navigate in today's busy clinical settings.

The internet and related technologies have reconfigured every aspect of life, including mental health. Although the negative and positive effects of digital technology on mental health have been debated, all too often this has been done with much passion and few or no supporting data. In Mental Health in the Digital Age, Elias Aboujaoude and Vladan Starcevic have edited a book that brings together distinguished experts from around the world to review the evidence relating to this area. The first part of the book addresses threats resulting from the growing reliance on, and misuse of, digital technology; it also looks at how some problematic behaviors and forms of psychopathology have been shaped by this technology. This section reviews problematic internet and video game use, effects of violent video games on the levels of aggression and of online searches for health-related information on the levels of health anxiety, use of digital technology to harm other people, and promotion of suicide on the internet. The second part of Mental Health in the Digital Age examines the ways in which digital technology has boosted efforts to help people with mental health problems. These include the use of computers, the internet, and mobile phones to educate and provide information necessary for psychiatric treatment and to produce programs for psychological therapy, as well as use of electronic mental health records to improve care. Mental Health in the Digital Age is a unique and timely book because it examines comprehensively an intersection between digital technology and mental health and provides a state-of-the-art, evidence-based, and well-balanced look at the field. The book is a valuable resource and guide to an area often shrouded in controversy, as it is a work of critical thinking that separates the hype from the facts and offers data-driven conclusions. It is of interest particularly to mental health professionals, but also to general audience.

This book is a printed edition of the Special Issue 2Grand Celebration: 10th Anniversary of the Human Genome Project" that was published in Genes

In this unique supplement, we have compiled several state-of-the-art topics that are based on lectures delivered by eminent mycology experts during the 37th ICHS meeting. We hope that the esteemed audience of the Journal of Fungi will enjoy and appreciate the ever-evolving and complex field of fungal infections in vulnerable hosts.

A Radically Simplified Approach to Business Strategy

Masters Theses in the Pure and Applied Sciences

Mental Health in the Digital Age

The Mediastinal Mass

The Master Adaptive Learner

Principles and Concepts of Behavioral Medicine

Practical Homicide Investigation Checklist and Field Guide

American Homicide examines all types of homicide, and gives additional attention to the more prevalent types of murder and suspicious deaths in the United States. Authors Richard M. Hough and Kimberly D. McCorkle employ more than 30 years of academic and practitioner experience to help explain why and how people kill and how society reacts. This brief, yet comprehensive book takes a balanced approach, combining scholarly research and theory with compelling details about recent cases and coverage of current trends. Comparative coverage of homicide types and rates in countries around the world shows how American homicide statistics compare internationally.

The Butterfly Bruises is a collection of poems and stories regarding animals, the ocean, miscommunication, childhood, Northeastern versus Southern American culture, family, nature versus technology, and the imagination of the introvert. In these lyrical texts, a couple sleepwalks together, a therapist is imagined as a snake, a manatee befriends a widow, a ghost haunts an old Charleston home, and New York City becomes its own character. Stepping into these pages brings about new worlds—some full of magic, others full of mystery. Review Quotes "Literary readers seeking writings replete with wake-up calls for change will find The Butterfly Bruises to be reflective, visionary, and hard to put down." Diane Donovan of The Midwest Book Review "Palmer has her finger on the pulse of emotion; you can feel heartbreak and love in every stanza. A young poet capturing the colorful grace of her generation..." Jasper Soloff, Director and Photographer "Inventive, insightful and highly readable." David Farley, author of An Irreverent Curiosity: In Search of the Church's Strangest Relic in Italy's Oddest Town "From sonnets to somnambulance, from algae to oxytocin, from manatees to Manhattan, Smith rides the riptides of memory's fictions and frictions in this prolific debut." Professor Robert Dewhurst, Poetry Critic and Scholar

Tumors of the mediastinum are usually diagnosed in young patients, but they can develop at any age and form any tissue that exists in or passes through the chest cavity. The diagnosis and the accurate assessment of the mediastinum masses represents a challenge, given their clinical variability from asymptomatic to producing symptoms of cough, chest pain, and dyspnea. Mediastinal tumors encompass a wide range of various neoplasms. The localization of mediastinal masses is critical in the diagnosis: the anterior mediastinal masses are generally thymomas, teratomas, substernal thyroid/parathyroid tissue, or lymphomas; the middle mediastinum masses are typically pericardial and bronchogenic cysts; the posterior mediastinum masses are often neurogenic tumors and esophageal cysts. The wide variety of different entities demonstrates a heterogeneous spectrum of clinical and pathologic features, suggesting that a uniform "standard" management of these patients is not appropriate. In this context, the proposed book will provide a comprehensive review of the mediastinal tumors according to different sites of the diseases, including the masses of anterior, middle and posterior mediastinum. The handling of these tumors requires a multidisciplinary approach due to the complex anatomy of the mediastinum as well as the different clinical, radiographic, and prognostic features. This book has risen from the desire to provide to the specialists in the field an easy, updated and practical guidelines title to facilitate the clinical practice of mediastinic masses. This book will be a comprehensive guide to clinical best practices developed through the opinions of experts in the field.