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Handbook of Parenting and Child Development Across the Lifespan
Dictionary of Pharmaceutical Medicine
Executive Functions and the Frontal Lobes
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The McDonaldization of Society
The Practice of Medicinal Chemistry
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Clinical Handbook of Schizophrenia
Fluid, Electrolyte, and Acid-Base Disorders in Small Animal Practice - E-Book
Lehne's Pharmacotherapeutics for Nurse Practitioners and Physician Assistants

Handbook of Parenting and Child Development Across the Lifespan

The new edition of this internationally recognised text offers comprehensive guidance on the successful management of the child in the dental setting. Prepared by authors of international renown, the Handbook of Paediatric Dentistry presents a volume that takes the reader far beyond the technical skills that are needed to treat disorders of the childhood dentition and instead delivers a whole philosophy of integrative patient care. Richly illustrated and in full colour throughout, the Handbook of Paediatric Dentistry is written in a friendly 'how to' manner and contains useful 'pull out' boxes to act as useful aide-mémoires. Exploring a variety of topics, the book includes discussion of child development, practical communication skills and advice on how to deal with behavioural problems. Clinical topics include the management of caries, fluoridation, restorative dentistry, pulp therapy, trauma management, oral medicine and pathology, dental anomalies, and the treatment of medically compromised children. Chapters also explore the use of orthodontics, the management of cleft lip and palate and speech, language and swallowing. The Handbook of Paediatric Dentistry has become an essential chairside and bedside companion for all practitioners caring for children and is suitable for undergraduate dental students, general dental practitioners, specialist paediatric dentists, orthodontists and

paediatricians. Established as the foremost available comprehensive handbook on paediatric dentistry Prepared in an 'easy-to-digest' fashion – which allows for quick reference and easy reading Contains over 550 full colour line artworks, photographs and tables together with 'Clinical Hints' boxes to act as useful aide-mémoires Sets out the essentials for managing conditions such as clefting disorders, haematological and endocrine disorders, congenital cardiac disease, disorders of metabolism, organ transplantation and cancer in children as well as more familiar presentations such as dental trauma, oral infections and caries Detailed appendices provide the reader with information that is often difficult to find and which may be overlooked Designed specifically to give all practitioners confidence when managing children Convenient handbook size ensures that the book can be easily referred to in the clinical setting Endorsed by the Australasian Academy of Paediatric Dentistry ~ Improved layout and completely new colour illustrations Expanded section on sedation and use of nitrous oxide Includes details from the most recent international guidelines Cases expanded to show 20 year follow-up Includes the latest research findings in orthodontics Fully updated section on clefting problems

Dictionary of Pharmaceutical Medicine

Part of the highly regarded Nelson family of pediatric references, Nelson Essentials of Pediatrics, 8th Edition, is a concise, focused resource for medical students, pediatric residents, PAs, and nurse practitioners. Ideal for pediatric residencies, clerkships, and exams, this 8th Edition offers a readable, full-color format; high-yield, targeted chapters; and new features that make it even more user-friendly for today's in-training professionals or practitioners. Focuses on the core knowledge you need to know, while also providing complete coverage of recent advances in pediatrics. Coverage includes normal childhood growth and development, as well as the diagnosis, management, and prevention of common pediatric diseases and disorders. Includes new Pearls for Practitioners bullets at the end of each section, providing key clinical points and treatment information. Features well written, high-yield coverage throughout, following COMSEP curriculum guidelines relevant to your pediatric clerkship or rotation. Uses a full-color format with images and numerous new tables throughout, so you can easily visualize complex information. Provides real-world insights from chapter authors who are also Clerkship Directors, helping you gain the knowledge and skills necessary to succeed both in caring for patients and in preparing for clerkship or in-service examinations

Executive Functions and the Frontal Lobes

This dictionary is aimed primarily at the beginners entering the new discipline of Pharmaceutical Medicine, an area comprising aspects of toxicology, pharmacology, pharmaceuticals, epidemiology, statistics, drug regulatory and legal affairs, medicine and marketing. But also more experienced colleagues in departments engaged in clinical development as well as researchers and marketing experts in the pharmaceutical industry will find concise and up-to-date information. The book is completed by a list of a about 1000 abbreviations encountered in pharmaceutical medicine and a compilation of important addresses of national and international health authorities.

Drug Discovery

An easy-to-read text focusing on all areas of nursing to aid in successful preparation for the NCLEX-RN. A unique feature of this book is the test-taking strategies included in each chapter. Additionally, students will find content review, practice tests at the end of each chapter with answers and rationales for right and wrong answers and a free CD-ROM that includes the 2,700 practice questions from the text plus 600 additional practice questions.

Adolescents and Adults with Autism Spectrum Disorders

This second edition of the Handbook of Ambulatory Anesthesia has been completely updated and expanded to reflect current practice guidelines and trends in ambulatory anesthesia. This practical manual covers preoperative evaluation, patient and procedure selection, anesthetic techniques, postoperative management, and quality assurance. Additionally, the editors have included all new information on anesthesia for minimally invasive surgery as well as office-based procedures. Written and edited by experts who have developed successful practices at the world's leading institutions, Handbook of Ambulatory Anesthesia includes a broad representation of perspectives and approaches for practitioners in every ambulatory setting.

Stress at Work

The aim of this book is to provide a comprehensive review of the use of Transcranial Direct Current Stimulation (tDCS) in different psychiatric conditions. Here we review tDCS clinical studies employing different types of design (from single-session tDCS studies to randomized clinical trials) as well as studies evaluating the impact of tDCS in neurophysiological, behavioral and brain imaging outcomes. Although the understanding about physiological foundations and effectiveness of clinical therapies of psychiatric diseases has been considerably increased during the last decades, our knowledge is still limited, and consequently psychiatric diseases are still a major burden to the individual patient and society. Recently, interest in pathological alterations of neuroplasticity in psychiatric diseases as a critical condition for development, and amelioration of clinical symptoms increased, caused by the fact that new tools, such as functional imaging, and brain stimulation techniques do allow to monitor, and modulate these phenomena in humans. Especially non-invasive brain stimulation techniques evolved as an attractive potential new therapeutic tool. The interest in non-invasive brain stimulation has grown exponentially in the past 25 years, with the development of non-pharmacological, neuromodulatory techniques such as tDCS and repetitive transcranial magnetic stimulation (rTMS). TDCS, although even newer than rTMS, has attracted considerable attention in both basic and clinical research scenarios. In the context of clinical research, tDCS is being increasingly investigated as a novel treatment tool for several psychiatric disorders, such as major depression, schizophrenia and neurocognitive and substance abuse disorders. Transcranial Direct Current Stimulation in Neuropsychiatric Disorders – Clinical Principles and Management intends to serve as a practical guide on the field, attracting the interest of psychiatrists, neurologists and neuroscientists with

little or no experience with tDCS, as well as those with a background on tDCS who want to increase their knowledge in any particular psychiatric condition.

Saunders Comprehensive Review for NCLEX-RN

This edition of the Manual of Neonatal Care has been completely updated and extensively revised to reflect the changes in fetal, perinatal, and neonatal care that have occurred since the sixth edition. This portable text covers current and practical approaches to evaluation and management of conditions encountered in the fetus and the newborn, as practiced in high volume clinical services that include contemporary prenatal and postnatal care of infants with routine, as well as complex medical and surgical problems. Written by expert authors from the Harvard Program in Neonatology and other major neonatology programs across the United States, the manual's outline format gives readers rapid access to large amounts of valuable information quickly. The Children's Hospital Boston Neonatology Program at Harvard has grown to include 57 attending neonatologists and 18 fellows who care for more than 28,000 newborns delivered annually. The book also includes the popular appendices on topics such as common NICU medication guidelines, the effects of maternal drugs on the fetus, and the use of maternal medications during lactation. Plus, there are intubation/sedation guidelines and a guide to neonatal resuscitation on the inside covers that provide crucial information in a quick and easy format.

The Neurology of Consciousness

Multiple sclerosis (MS) is a disease where the body's immune system attacks the brain and spinal cord, causing debilitating side effects that last a lifetime for those affected. There is currently no cure. Magnetic resonance imaging (MRI) has become an established tool in the diagnosis and monitoring of MS because of its ability to depict the pathological features of the disease in high detail. Over the past few decades, MRI-based visualization of demyelinated CNS lesions has become pivotal to the diagnosis and monitoring of MS. In recent years, newer MR imaging technologies, including higher-field-strength MR units, have been developed to analyse the overall MS damage and highlight potential mechanisms of recovery in patients at different stages of the disease. Written by experts in the field, this first volume covers all imaging techniques applied to the analysis of MS, including the physics of CT/MR neurological imaging, MR MS, and miscellaneous MR neurological applications.

Handbook of Ambulatory Anesthesia

The second edition of The Neurology of Consciousness is a comprehensive update of this ground-breaking work on human consciousness, the first book in this area to summarize the neuroanatomical and functional underpinnings of consciousness by emphasizing a lesional approach offered by the study of neurological patients. Since the publication of the first edition in 2009, new methodologies have made consciousness much more accessible scientifically, and, in particular, the study of disorders, disruptions, and disturbances of consciousness has added tremendously to our understanding of the biological basis of human consciousness. The

publication of a new edition is both critical and timely for continued understanding of the field of consciousness. In this critical and timely update, revised and new contributions by internationally renowned researchers—edited by the leaders in the field of consciousness research—provide a unique and comprehensive focus on human consciousness. The new edition of *The Neurobiology of Consciousness* will continue to be an indispensable resource for researchers and students working on the cognitive neuroscience of consciousness and related disorders, as well as for neuroscientists, psychologists, psychiatrists, and neurologists contemplating consciousness as one of the philosophical, ethical, sociological, political, and religious questions of our time. New chapters on the neuroanatomical basis of consciousness and short-term memory, and expanded coverage of comas and neuroethics, including the ethics of brain death. The first comprehensive, authoritative collection to describe disorders of consciousness and how they are used to study and understand the neural correlates of conscious perception in humans. Includes both revised and new chapters from the top international researchers in the field, including Christof Koch, Marcus Raichle, Nicholas Schiff, Joseph Fins, and Michael Gazzaniga

Nitrous Oxide in Pediatric Dentistry

Newly updated, this is a comprehensive guide to ODD and conduct disorder (CD) in children aged 3-14 for professionals, students, and researchers. Summarizes the most important empirical knowledge across a broad array of topics, with a focus on the latest research and meta-analyses, as well as high-quality older studies. Includes revised diagnostic conceptualizations for ODD and CD from DSM-V and the upcoming ICD-11 classification systems, with particular attention to similarities, differences, and information about an angry-irritable subtype for ODD. Provides updated reviews of biological and social-cognitive risk and protective factors and the evidence base for relevant treatment and prevention procedures. Describes best practices for assessment, treatment, and prevention for children and their families, based on the clinical and research work of the well-respected author team.

Drain's PeriAnesthesia Nursing - E-Book

This book presents a student-centric, problem-based approach to learning key issues in neuroanesthesia and neurocritical care, a concept that is gaining popularity and acceptance in the medical education field. Each chapter starts with a brief case scenario describing the condition, followed by series of questions and answers covering important aspects like differential diagnosis, associated comorbidity, preoperative evaluation and preparation, intraoperative anesthetic management, postoperative management and prognosis. Featuring questions to engage readers, and providing answers based on reason and supported by evidence and references, the book is a valuable educational aid for trainees and residents. It also offers insights into the real-world clinical situations, making it of interest to practicing anesthesiologists and neuroanesthesiologists.

Avery's Neonatology

This clinical handbook is a complete guide to the use of nitrous oxide when

performing dental procedures in children. Nitrous oxide offers the easiest and safest form of pharmacological behavior management in this age group and can help greatly in reducing fear and anxiety toward dentists and dental treatment. Importantly, its use in children differs from that in adults, owing in part to the need for appropriate behavior management skills. In considering a range of clinical scenarios in which nitrous oxide is of value, this book will support clinicians in their daily practice. All aspects are covered, including rationale, basic science, mechanism of action, equipment, scavenging systems, technique, monitoring, safety, toxicity, documentation, and team building. Guidance is also provided on the use of nitrous oxide in special pediatric populations requiring oral health care. The book is supplemented by videos that will help readers to comprehend the text easily and to perform the technique efficiently and effectively.

The Role of Anesthesiology in Global Health

The goal of Psychopharmacology Demystified is to get the internal light-bulbs of insight to glow by using every-day situations and personal vignettes to illuminate complicated ideas and concepts using language that nursing students can understand. The text begins with a primer on neuroanatomy and neurophysiology, since this knowledge is a prerequisite for understanding the ensuing chapters covering antidepressants, mood stabilizers, antipsychotics, anxiolytic-sedative-hypnotics and cognitive enhancers, as well as a chapter on substance abuse and addiction. Each chapter begins with a personal story, followed by an overview of the topic, the history of pharmacological management, a review of the major drugs in use, and concludes with current insights and future directions of therapy. While it can be used as a free-standing text, it is meant to be used in conjunction with more traditional psychiatric nursing books and pharmacotherapy textbooks. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

Biotechnology

Nursing Diagnoses: Definitions and Classification is the definitive guide to nursing diagnoses, as reviewed and approved by NANDA-I. The 2015–2017 edition of the classic and internationally recognised text has been rigorously updated and revised, and now provides more linguistically congruent diagnoses as a result of the Diagnostic Development Committee's attentiveness to understanding the translation of the diagnostic label, definition, defining characteristics, related factors, and risk factors. Each of the 235 diagnoses presented are supported by definitions as well as defining characteristics and related factors, or risk factors. Each new and revised diagnosis is based on the latest global evidence, and approved by expert nurse diagnosticians, researchers, and educators. New to this edition: 26 brand new nursing diagnoses and 13 revised diagnoses Updates, changes, and revision to the vast majority of the nursing diagnosis definitions, in particular the Health Promotion and Risk Diagnoses A standardization of diagnostic indicator terms (defining characteristics, related factors, and risk factors) to further aid clarity for readers and clinicians All introductory chapters are written at an undergraduate nursing level, and provide critical information needed for nurses to understand assessment, its link to diagnosis, and the purpose and use of taxonomic structure for the nurse at the bedside A new chapter, focusing on

Frequently Asked Questions, representing the most common questions received through the NANDA-I website, and at global conferences Five nursing diagnoses have been re-slotted within the NANDA-I taxonomy, following a review of the current taxonomic structure Coding of all diagnostic indicator terms is now available for those using electronic versions of the terminology Companion website featuring references from the book, video presentations, teaching tips, and links to taxonomy history and diagnosis submission/review process description www.wiley.com/go/nursingdiagnoses

Medical Emergencies in the Dental Office - E-Book

This is a new approach to the teaching of medicinal chemistry. The knowledge of the physical organic chemical basis of drug design and drug action allows the reader to extrapolate to the many related classes of drugs described in standard medicinal chemistry texts. Students gain a solid foundation to base future research endeavors upon: drugs not yet developed are thus covered! n Emphasizes the use of the principles of physical organic chemistry as a basis for drug design n Discusses organic reaction mechanisms of clinically important drugs with mechanistic schemes n Uses figures and literature references extensively throughout n This text is not merely a "compilation of drugs and uses," but features selected drugs as examples of the organic chemical basis for any and all drug design applications

Psychopharmacology Demystified

"This brilliantly assembled expert compendium provides a much-needed guide for the practical application of anesthesiology in medical practice in the most bereft underdeveloped and violence-afflicted regions of the globe." —Seymour Topping, Professor Emeritus of International Journalism, Columbia University This is a comprehensive guide to the role of anesthesiologists in medical missions. In their capacity as perioperative physicians, anesthesiologists improve the safety and efficacy of surgical interventions for underserved patients in low- and middle-income countries around the world. Contributions from international experts in global health provide essential historical context, practical medical and surgical considerations for planning missions, and scenarios of "on the ground" implementation of care. The final section considers anesthesiology education in the context of global health. This is an encompassing and eye-opening resource for trainees and physicians considering participating in a medical mission and students and faculty of global health.

Radiology Noninterpretive Skills: The Requisites eBook

Trusted for 30 years, Drain's PeriAnesthesia Nursing, A Critical Care Approach, 7th Edition is the only book on the market that provides comprehensive clinical content tailored specifically for perianesthesia nurses. An easy-to-use format with five distinct sections — covering the PACU, anatomy and physiology, pharmacology, nursing care, and special considerations — means you get five books in one. Nursing and pharmacologic interventions are integrated with in-depth coverage of pathophysiology, and updated content includes the latest standards and current

issues affecting perianesthesia nursing practice. Focusing on research, documentation, and psychosocial considerations, this is the one book that can take you all the way from being a novice nurse in the PACU to preparing for your CPAN® or CAPA® certification! Updated Evidence-based Research boxes in sections IV and V provide the latest standards of care. Five separate sections provide comprehensive coverage, including: the PACU, anatomy and physiology, pharmacology, nursing care, and special considerations. Addresses current policies and issues affecting perianesthesia nursing practice such as patient safety, infection control, managed care implications, pain management, and bioterrorism. Special Considerations section details the care of patients with conditions such as malignant hyperthermia, substance abuse, sickle cell anemia, and cardiac arrest. Comprehensively covers the various types of anesthetic agents to be anticipated in the PACU. In-depth coverage of pathophysiology for all body systems integrated with nursing and pharmacologic interventions. Streamlined format includes an overview, definitions, summary, and references for each chapter. NEW and EXPANDED! Updated content covers the latest evidence and standards, including new sedation and pain guidelines, new information on older patients, implications of new surgical techniques, and more bariatric implications. NEW and UPDATED! New illustrations and thoroughly updated references throughout.

Manual of Neonatal Care

Is an up-to-date, concise, factual reference describing the dental management of patients with selected medical problems. The book offers the dental provider an understanding of how to ascertain the severity and stability of common medical disorders, and make dental management decisions that afford the patient the utmost health and safety. Medical problems are organized to provide a brief overview of the basic disease process, the incidence and prevalence of the disease, pathophysiology, signs and symptoms, laboratory findings, currently accepted medical therapy of each problem, and a detailed explanation and recommendations for specific dental management. The accumulation of evidence-based research over the last few years has allowed the authors to include more specific dental management guidelines in the sixth edition.

Nelson Essentials of Pediatrics E-Book

Edited by Robert E. Rakel, MD and David P. Rakel, 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. Glean 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.

Gabbard's Treatments of Psychiatric Disorders

This valued resource for physical therapists provides a comprehensive overview of geriatric physical therapy for physical therapy students as well as practitioners. Thoroughly revised and updated, it provides the latest information on geriatric health care, such as managed care/Medicare/Medicaid, reimbursement issues, conservative pain management techniques, pharmacology, and new material on home care, osteoarthritis, nutrition, and family issues. It includes five new chapters: Ventilation and Respiratory Dysfunction in the Older Adult, Strength Training in the Elderly, Functional Training in the Community, Incontinence, and Prosthetics. * Shows application of concepts and encourage critical thinking by blending theory with real case examples. * Ensures compatibility of the text with the typical educational experience of the physical therapist and prepares the physical therapist for practice by using standard APTA terminology as expressed in the APTA document, A Description of Physical Therapist Patient Management, Parts I and II. * Gives student and clinician enough depth to understand processes and procedures, with its scientific approach and extensive referencing. New and expanded case studies. Updates and new information on topics such as managed care, conservative pain management techniques and pharmacology are included. New chapters on Ventilation and Respiratory Dysfunction in the Older Adult, Strength and Training in the Elderly, Functionals Training in the Community, Prosthetics and Incontinence.

Nelson Essentials of Pediatrics E-Book

Part of the highly respected Requisites series, Radiology Noninterpretive Skills, by Drs. Hani H. Abujudeh and Michael A. Bruno, is a single-volume source of timely information on all of the non-imaging aspects of radiology such as quality and safety, ethics and professionalism, and error management in radiology. Residents and radiologists preparing for the boards and recertification will find this book invaluable, as well as those practitioners wanting to broaden their knowledge and skills in this increasingly important area. Offers a readable and concise introduction to the essential noninterpretive skills as defined by the IOM, ACR, and other national organizations. Covers what you need to know about quality and safety; leadership and management; health economics; legal, business, ethics and professionalism; statistical tools; error reporting and prevention; evidence-based imaging; health IT and internet applications; "Image Wisely" and "Imaging 3.0" ACR

initiatives; legal issues and malpractice; current and future payment models in radiology; and much more. Summarizes key information with numerous outlines, tables, "pearls," and boxed material for easy reference. Provides comprehensive coverage of key "milestones" in training identified by the Accreditation Council for Graduate Medical Education (ACGME). Fills an important gap for those preparing for the current MOC and ABR exams, covering the many topics touched upon in a major section of the examinations. Brings together in one source the experience of leading national experts and a select team of expert contributors.

Problem Based Learning Discussions in Neuroanesthesia and Neurocritical Care

The leading reference for the diagnosis and management of fluid, electrolyte, and acid-base imbalances in small animals, *Fluid, Electrolyte, and Acid-Base Disorders in Small Animal Practice, 4th Edition* provides cutting-edge, evidence-based guidelines to enhance your care of dogs and cats. Information is easy to find and easy to use, with comprehensive coverage including fluid and electrolyte physiology and pathophysiology and their clinical applications, as well as the newest advances in fluid therapy and a discussion of a new class of drugs called vaptans. Lead author Stephen DiBartola is a well-known speaker and the "go-to" expert in this field, and his team of contributors represents the most authoritative and respected clinicians and academicians in veterinary medicine. Over 30 expert contributors represent the "cream of the crop" in small animal medicine, ensuring that this edition provides the most authoritative and evidence-based guidelines. Scientific, evidence-based insights and advances integrate basic physiological principles into practice, covering patient evaluation, differential diagnosis, normal and abnormal clinical features and laboratory test results, approaches to therapy, technical aspects of therapy, patient monitoring, assessing risk, and prediction of outcomes for each disorder. Hundreds of tables, algorithms, and schematic drawings demonstrate the best approaches to diagnosis and treatment, highlighting the most important points in an easy-access format. Drug and dosage recommendations are included with treatment approaches in the Electrolyte Disorders section. Clear formulas in the Fluid Therapy section make it easier to determine the state of dehydration, fluid choice, and administration rate and volume in both healthy and diseased patients. Updated chapters cover the latest advances in fluid therapy in patient management, helping you understand and manage a wide range of potentially life-threatening metabolic disturbances. Expanded Disorders of Sodium and Water chapter includes information on a new class of drugs called vaptans, vasopressin receptor antagonists that may soon improve the ability to manage patients with chronic hyponatremia. Hundreds of new references cover the most up-to-date advances in fluid therapy, including renal failure and shock syndromes.

Geriatric Physical Therapy

The McDonaldization of Society is George Ritzer's seminal work of critical sociology that links classical sociological theory to many aspects of contemporary life in a globalized world--Max Weber's rationalization thesis updated and applied to the the late 20th and early 21st century. Where Weber focused on bureaucracies as the

"iron cages" of rationalization in his time, the central premise of McDonaldization is that the fast food restaurant has become the model for the rationalization process today. The book examines ways in which fast food businesses have created a system of operation based on efficiency, calculability, predictability, and control; and how the same principles have been applied to other settings and contexts as diverse as motel chains, "big box" stores, churches, child care centers, college rankings, health care providers, political participation, and most recently, the Internet.

Basic Geriatric Nursing - E-Book

This volume has as its primary aim the examination of issues concerning executive function and frontal lobe development. While many texts have addressed these issues, this is the first to do so within a specifically developmental framework. This area of cognitive function has received increasing attention over the past decade, and it is now established that the frontal lobes, and associated executive functions, are critical for efficient functioning in daily life. It is also clear, and of particular relevance to this text, that these functions develop gradually through childhood, and then deteriorate during old age. These developmental trajectories, and the impact of any interruption to them, are the focus of this volume.

Textbook of Family Medicine

The resource of choice for pediatric residencies, clerkships, and exams, Nelson Essentials of Pediatrics continues to provide a focused overview of the core knowledge in pediatrics. Succinct, targeted coverage of normal childhood growth and development, as well as the diagnosis, management, and prevention of common pediatric diseases and disorders, make this an ideal medical reference book for students, pediatric residents, nurse practitioners, and physician assistants. Consult this title on your favorite e-reader, conduct rapid searches, and adjust font sizes for optimal readability. Get an effective overview of pediatrics with help from concise text, a full-color design, high-yield tables, and numerous images. Take advantage of a wealth of images that capture the clinical manifestations and findings associated with Kawasaki disease, lupus, lymphoma, stroke, and many other disorders seen in children. Efficiently review essential, concise pediatric content with this popular extension of the Nelson Textbook of Pediatrics (ISBN: 978-1-4377-0755-7). Focus on the core knowledge needed for your pediatric clerkship or rotation with coverage that follows the COMSEP curriculum guidelines. Easily visualize complex aspects with a full-color layout and images, as well as numerous tables throughout the text.

Handbook of Pediatric Dentistry E-Book

Reviewing the breadth of current knowledge on schizophrenia, this handbook provides clear, practical guidelines for effective assessment and treatment in diverse contexts. Leading authorities have contributed 61 concise chapters on all aspects of the disorder and its clinical management. In lieu of exhaustive literature reviews, each chapter summarizes the state of the science; highlights key points the busy practitioner needs to know; and lists recommended resources, including

seminal research studies, invaluable clinical tools, and more. Comprehensive, authoritative, and timely, the volume will enable professionals in any setting to better understand and help their patients or clients with severe mental illness.

Sparks & Taylor's Nursing Diagnosis Reference Manual

This handbook presents the latest theories and findings on parenting, from the evolving roles and tasks of childrearing to insights from neuroscience, prevention science, and genetics. Chapters explore the various processes through which parents influence the lives of their children, as well as the effects of parenting on specific areas of child development, such as language, communication, cognition, emotion, sibling and peer relationships, schooling, and health. Chapters also explore the determinants of parenting, including consideration of biological factors, parental self-regulation and mental health, cultural and religious factors, and stressful and complex social conditions such as poverty, work-related separation, and divorce. In addition, the handbook provides evidence supporting the implementation of parenting programs such as prevention/early intervention and treatments for established issues. The handbook addresses the complementary role of universal and targeted parenting programs, the economic benefits of investment in parenting programs, and concludes with future directions for research and practice. Topics featured in the Handbook include:

- The role of fathers in supporting children's development.
- Developmental disabilities and their effect on parenting and child development.
- Child characteristics and their reciprocal effects on parenting.
- Long-distance parenting and its impact on families.
- The shifting dynamic of parenting and adult-child relationships.
- The effects of trauma, such as natural disasters, war exposure, and forced displacement on parenting.

The Handbook of Parenting and Child Development Across the Lifespan is an essential reference for researchers, graduate students, clinicians, and therapists and professionals in clinical child and school psychology, social work, pediatrics, developmental psychology, family studies, child and adolescent psychiatry, and special education.

Oppositional Defiant Disorder and Conduct Disorder in Childhood

The research on children with autism spectrum disorders (ASD) is extensive and growing. Although these conditions are recognized as affecting the entire lifespan, the literature on ASD after childhood is limited and has not been brought together in a single volume in over a decade. *Adolescents and Adults with Autism Spectrum Disorders* fills this knowledge gap by focusing on needs and difficulties unique to these stages of development. Expert contributors offer cogent reviews of complex issues, from education to employment, leisure activities to illegal behaviors, mental health issues to medical health concerns. The latest findings in key areas, such as psychosocial and residential treatments, social skills programs, epidemiology, the impact of ASD on families, are examined in detail. Throughout the volume, coverage focuses on areas requiring improved models of assessment, updated data, new interventions and increased support services. Featured topics include: Transition from high school to adulthood for adolescents and young adults with ASD. Innovative programming to support college students with ASD. Romantic

relationships, sexuality and ASD. Treatment of mental health comorbidities. Assessment and treatment planning in adults with ASD. The range of outcomes and challenges in middle and later life. Adolescents and Adults with Autism Spectrum Disorders is a must-have reference for a wide range of clinicians and practitioners – as well as researchers and graduate students – in clinical child, school and developmental psychology; child and adolescent psychiatry; social work; rehabilitation medicine/therapy; education and general practice/family medicine. It will also serve as an important resource for parents and caregivers with its focus on translating the current state of knowledge relevant to understanding adolescents and adults with ASD into practical and relevant recommendations on how best to support them.

Dental Management of the Medically Compromised Patient

The definitive treatment textbook in psychiatry, this fifth edition of Gabbard's *Treatments of Psychiatric Disorders* has been thoroughly restructured to reflect the new DSM-5® categories, preserving its value as a state-of-the-art resource and increasing its utility in the field. The editors have produced a volume that is both comprehensive and concise, meeting the needs of clinicians who prefer a single, user-friendly volume. In the service of brevity, the book focuses on treatment over diagnostic considerations, and addresses both empirically-validated treatments and accumulated clinical wisdom where research is lacking. Noteworthy features include the following: Content is organized according to DSM-5® categories to make for rapid retrieval of relevant treatment information for the busy clinician. Outcome studies and expert opinion are presented in an accessible way to help the clinician know what treatment to use for which disorder, and how to tailor the treatment to the patient. Content is restricted to the major psychiatric conditions seen in clinical practice while leaving out less common conditions and those that have limited outcome research related to the disorder, resulting in a more streamlined and affordable text. Chapters are meticulously referenced and include dozens of tables, figures, and other illustrative features that enhance comprehension and recall. An authoritative resource for psychiatrists, psychologists, and psychiatric nurses, and an outstanding reference for students in the mental health professions, *Gabbard's Treatments of Psychiatric Disorders, Fifth Edition*, will prove indispensable to clinicians seeking to provide excellent care while transitioning to a DSM-5® world.

Nursing Diagnoses 2015-17

Work-related stress and resulting sickness absence costs the UK economy about £3.7 billion every year (HSE research). In this jargon-free guide, Jeremy Stranks explains what stress is and what causes it, how people respond to stress and cope with it, how stress can be evaluated and managed and what employers' legal responsibilities are. Written for managers, HR professionals and safety reps, the emphasis of this book is strongly on practical advice and solutions. The author provides simple tools to measure and assess stress and shows how to deal with a range of stress-creating workplace situations, such as bullying, harassment and violence at work. The book also details how to implement a stress management system that complies with the new HSE Management Standards to avoid civil claims and criminal sanctions by the enforcement agencies. End of chapter key

points draw out the implications of the preceding text for the employer and an executive summary shows the main aspects that senior management have to be aware of. In addition, the book contains forms and templates to help with managing stress. These are also available for download on the companion website. Stress at Work will also be a valuable reference for students on the following courses as part of modules concerned with Human Factors: NEBOSH Certificate and Diploma courses, MSc courses in Occupational Health and Safety Management, IOSH Managing Safely, British Safety Council diploma and NVQ level 3 and 4 courses in Occupational Safety and Health. Jeremy Stranks has 40 years of experience in occupational safety and health enforcement, management, consultancy and training. He is a founding member of NEBOSH and has lectured on numerous training courses on all aspects of health and safety. His company Safety and Hygiene Consultants offers companies advice in drawing up Health and Safety policies, writing risk assessments and audit procedures.

Transcranial Direct Current Stimulation in Neuropsychiatric Disorders

Thoroughly revised and updated, the fifth edition of this prize-winning title retains the high level of illustration and accessibility that has made it so popular worldwide with medical students and trainees approaching clinical specialty exams. Illustrated Textbook of Paediatrics has been translated into eight languages over its life. Case studies. Summary boxes. Tips for patient education. Highly illustrated with 100s of colour images. Diseases consistently presented by Clinical features; Investigations; Management; Prognosis; and, where appropriate, Prevention. Separate chapters on Accidents Child protection Diabetes and endocrinology Inborn Errors of Metabolism New chapter on Global child health New co-editor, Will Carroll, Chair of MRCPCH Theory Examinations.

The McDonaldization of Society

Revised and updated by a new editorial team, the Sixth Edition of this text will remain the leading reference on the clinical care of the newborn. It provides complete, authoritative information on the biology of the newborn and the pathophysiology and management of diseases during the neonatal period. This edition has five new chapters on the role of telemedicine in neonatology, the impact of labor and delivery on the fetus, fetal determinants of adult disease, breast feeding, and control of breathing and apnea. Also included is a full-color insert illustrating key signs and symptoms, selected imaging techniques, and dermatologic conditions.

The Practice of Medicinal Chemistry

The Practice of Medicinal Chemistry, Fourth Edition provides a practical and comprehensive overview of the daily issues facing pharmaceutical researchers and chemists. In addition to its thorough treatment of basic medicinal chemistry principles, this updated edition has been revised to provide new and expanded coverage of the latest technologies and approaches in drug discovery. With topics like high content screening, scoring, docking, binding free energy calculations,

polypharmacology, QSAR, chemical collections and databases, and much more, this book is the go-to reference for all academic and pharmaceutical researchers who need a complete understanding of medicinal chemistry and its application to drug discovery and development. Includes updated and expanded material on systems biology, chemogenomics, computer-aided drug design, and other important recent advances in the field Incorporates extensive color figures, case studies, and practical examples to help users gain a further understanding of key concepts Provides high-quality content in a comprehensive manner, including contributions from international chapter authors to illustrate the global nature of medicinal chemistry and drug development research An image bank is available for instructors at www.textbooks.elsevier.com

Neurological Disorders Imaging Physics

Prepare for a successful career in caring for geriatric populations! Williams' Basic Geriatric Nursing, 7th edition is an easy-to-read text which presents the theories and concepts of aging along with appropriate nursing interventions. This comprehensive book helps you understand the unique physiologic and psychosocial changes that affect the elderly adult. Threaded throughout this new edition are practical QSEN boxes and Nurse Alert features, which highlight safety, cultural considerations, health promotion, coordinated care, and home care specific to elderly patients. In addition, an online Study Guide, NCLEX®-PN review questions, and real-world clinical situation boxes help you to study for exams and apply concepts to practice. Coordinated Care boxes address such topics as restraints, elder abuse, and end-of-life care as related to responsibilities of nursing assistants and other health care workers who are supervised by LPN/LVNs. Clinical Situation boxes present patient scenarios with lessons for appropriate nursing care and patient sensitivity. UNIQUE! A FREE Study Guide, presented in a comprehensive PDF format on Evolve, reinforces your understanding. 10th grade reading level makes learning easier for you. Nursing Care Plans include Critical Thinking boxes to help you to assimilate and synthesize information. Nursing Process sections provide a framework for the discussion of the nursing care of the elderly patient as related to specific disorders. Cultural Considerations throughout text cover biocultural variations as well as health promotion for specific ethnic groups so you can provide culturally competent care. Health Promotion and Patient Teaching boxes highlight health promotion, disease prevention, and age-specific interventions. Home Health Considerations boxes provide information on home health care for the older adult. NEW! QSEN boxes provide you with the knowledge, skills, and attitudes necessary to continuously improve the quality and safety of care of the older adult. NEW! Nurse Alert feature emphasizes important safety and health promotion content specific to the elderly patient. NEW! Updated and expanded art program makes learning the material easier through clear and timely photographs and illustrations.

Illustrated Textbook of Paediatrics

This treatise had its origins in the authors' strong opinion that the discovery of new drugs, especially of innovative therapeutic agents, really does not happen as a spontaneous sequel to investigative research, no matter how penetrating such research may be. Rather, it seemed to us that the discovery of innovative

therapeutic agents was a very active process, existing in and of itself, and demanding full attention-it was not simply a passive, dependent by-process of investigative research. And yet, many researchers some close confreres of the authors, others more distant-believed otherwise. We felt that their view reflected unrealistic thinking and that reality probably lay closer to what Beyer" maintained: We are taught to believe that if we can understand a disease it should be easy enough to figure out, say, the molecular configuration of a definitive receptor mechanism somewhere along the line and to design a specific drug And so we start out to understand the disease but never get around to doing much about therapy. The authors very soon realized that there was essentially no quantitative information available on just where and how innovative therapeutic agents were discovered. There were only anecdotal accounts, and these were able to be selected and presented in ways that could be used to defend any point of view.

The Organic Chemistry of Drug Design and Drug Action

This clearly written, easy-to-use reference manual delivers the evidence-based information nursing students and practicing nurses need to make confident diagnoses and construct care plans that meet patients' healthcare needs. The perfect reference for any clinical, classroom or simulation setting, this updated edition integrates the nursing process throughout and makes it easier than ever to access the latest NANDA-I nursing diagnoses. UPDATED! 2018-2020 NANDA-I diagnosis and standards, Nursing Interventions Classification (NIC) and Nursing Outcomes Classification (NOC) labels incorporated throughout reinforce clinical confidence and quality of care. NEW! 17 new diagnoses keep students on the cutting edge of nursing practice. UPDATED! QSEN competency icons throughout reinforce important considerations for safe care. UPDATED! Alphabetical organization helps students find diagnosis information quickly and easily. Selected Nursing Diagnoses by Medical Diagnosis (Appendix I) delivers clearly written, authoritative care plans for every stage in the life cycle. Related Factors sections strengthen students' diagnostic capabilities. Quick Reference tables list diagnoses by life stages for access at a glance.

Handbook of Recovery in Inpatient Psychiatry

Clinical Handbook of Schizophrenia

Biotechnology is the major technology of the 21st century, yet few people realise how much it impacts on many aspects of human society. The defining aim of this new fifth edition is to re-establish the correct understanding of the term biotechnology. Using the straightforward style that made the previous editions of his textbook so popular, John Smith once again helps students with the deciphering and use of biological knowledge. He explains the historical developments in biotechnology and the range of activities from brewing beer, the treatment of sewage and other wastes, and the creation of biofuels. He also discusses the innovations in molecular biology, genomics and proteomics, systems biology and their impact on new biotechnology. In this edition John Smith also re-examines the ethics and morality of aspects of biotechnology and puts new emphasis on stem

cells and regenerative medicine and micro RNA.

Fluid, Electrolyte, and Acid-Base Disorders in Small Animal Practice - E-Book

This handbook provides a guide for individualized, responsive, and meaningful care to patients with severe mental illness. It begins with an overview of the foundational aspects of recovery – definitions and assessment, recovery principles, recovery research, and applications of recovery principles in inpatient psychiatry. Subsequent chapters offer in-depth analyses of provider competencies, the patient's role in personal choices and decision making, and the deeper healing goals of recovery. The handbook also offers detailed treatment modalities, including cognitive remediation, psychological and psychiatric services, nursing and occupational therapy services, peer support, and pharmacological treatment. Featured topics include: Sexuality and sexual health in the inpatient psychiatric setting. The power of stigma and the usage of SAMHSA (Substance Abuse and Mental Health Services Administration) principles to combat stigma. Legal advocacy. Self-advocacy and empowerment. Methods to enhance resilience and sustain recovery in inpatients. Common errors and solutions during the transformation to recovery-oriented systems. The Handbook of Recovery in Inpatient Psychiatry is a must-have resource for researchers, graduate students, clinicians, and related professionals/practitioners in psychology, psychiatry, social work, nursing, rehabilitation therapy, occupational therapy, physical therapy, and allied professionals in related mental health and medical disciplines.

Lehne's Pharmacotherapeutics for Nurse Practitioners and Physician Assistants

Be prepared to handle life-threatening dental emergencies! Medical Emergencies in the Dental Office, 7th Edition helps you learn the skills needed to manage medical emergencies in the dental office or clinic. It describes how to recognize and manage medical emergencies promptly and proactively, and details the resources that must be on hand to deal effectively with these situations. This edition includes new guidelines for drug-related emergencies, cardiac arrest, and more. Written by respected educator Dr. Stanley Malamed, this expert resource provides dental professionals with the tools for implementing a basic action plan for managing medical emergencies. "It successfully fulfills its aim of stimulating all members of the dental team to improve and maintain their skills in the effective prevention, recognition and management of medical emergencies." Reviewed by European Journal of Orthodontics, March 2015 "very easy to read and provides a very comprehensive reference for a variety of medical emergencies." Reviewed by S.McKernon on behalf of British Dental Journal, July 2015 A logical format reflects the way emergencies are encountered in a dental practice, with chapters organized by commonly seen clinical signs and symptoms, such as unconsciousness or altered consciousness, respiratory distress, seizures, drug-related emergencies, chest pain, and cardiac arrest. Step-by-step procedures include detailed, numbered instructions for stabilizing and treating victims (PCABD) in common medical emergencies. Full-color illustrations demonstrate emergency techniques in realistic clarity. Summary tables and boxes make it easy to find

essential concepts and information. Quick-reference algorithms in the appendix include step-by-step diagrams showing the decision-making process in common emergency situations. A differential diagnosis chapter ends each of the book's parts on common emergencies. UPDATED content includes the most current guidelines for drug-related emergencies, unconsciousness, altered consciousness, and cardiac arrest as well as protocols for obstructed airway management. UPDATED PCABD boxes reflect the American Heart Association's new sequence of steps for stabilizing and treating victims with an easy-to-remember acronym: Positioning, Circulation, Airway, Breathing, and Definitive Management. UPDATED! Emergency drug and equipment kit instructions help you assemble emergency kits and ensure that your dental office has safe, current materials on hand.

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