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KEY=YSIS - BERRY HATFIELD

The American Psychiatric Association Practice Guideline for the Pharmacological Treatment of Patients With Alcohol Use Disorder

American Psychiatric Pub Alcohol use disorder (AUD) is a major public health problem in the United States. The estimated 12-month and lifetime prevalence values for AUD are 13.9% and 29.1%, respectively, with approximately half of individuals with lifetime AUD having a severe disorder. AUD and its sequelae also account for significant excess mortality and cost the United States more than \$200 billion annually. Despite its high prevalence and numerous negative consequences, AUD remains undertreated. In fact, fewer than 1 in 10 individuals in the United States with a 12-month diagnosis of AUD receive any treatment. Nevertheless, effective and evidence-based interventions are available, and treatment is associated with reductions in the risk of relapse and AUD-associated mortality. The American Psychiatric Association Practice Guideline for the Pharmacological Treatment of Patients With Alcohol Use Disorder seeks to reduce these substantial psychosocial and public health consequences of AUD for millions of affected individuals. The guideline focuses specifically on evidence-based pharmacological treatments for AUD in outpatient settings and includes additional information on assessment and treatment planning, which are an integral part of using pharmacotherapy to treat AUD. In addition to reviewing the available evidence on the use of AUD pharmacotherapy, the guideline offers clear, concise, and actionable recommendation statements, each of which is given a rating that reflects the level of confidence that potential benefits of an intervention outweigh potential harms. The guideline provides guidance on implementing these recommendations into clinical practice, with the goal of improving quality of care and treatment outcomes of AUD.

Nutritional Management of Renal Disease

Academic Press Nutritional Management of Renal Disease, Fourth Edition, offers in-depth reviews of the metabolic and nutritional disorders prevalent in patients with renal disease and serves as an in-depth reference source concerning nutrition and kidney disease. This classic translational reference provides correct diagnosis - and therefore correct treatment - of renal, metabolic, and nutritional disorders. Nephrologists, diabetologists, endocrinologists, dieticians, and nutritionists depend on a strong understanding of the molecular basis for the disease. This fourth edition includes thorough new case reports, offering expert advice on how to use the latest research and clinical findings in counseling patients about dietary and lifestyle options. Readers gain insight into which treatments, medications, and diets to use based on the history, progression, and genetic make-up of a patient. Includes the latest comprehensive KDOQI clinical practice guidelines for the nutritional management of kidney disease from the National Kidney Foundation and the Academy of Nutrition and Dietetics, covering recommendations for each essential nutrient, as well as for some nonessential nutrients. Presents a comprehensive, translational look at all aspects of metabolic and nutritional disorders in one reference. Provides a common language for nephrologists, nutritionists, endocrinologists, and other interested physicians to assimilate information and discuss the underlying research and translation of best practices for the nutritional management and prevention of renal disease. Saves clinicians and researchers time in quickly accessing the very latest details on nutritional practice as opposed to searching through thousands of journal articles. ~

Management of High Altitude Pathophysiology

Academic Press Management of High Altitude Pathophysiology presents a comprehensive overview on the various therapeutic practices and ongoing research relating to the development of more potent and novel formulations for managing high altitude pathophysiology. It provides a detailed application of both herbal and non-herbal therapeutic agents, including their nanoformulations. This important reference provides benefits to the medical and herbal scientific communities, doctors treating patients with high altitude complications, individuals travelling to high altitudes for recreation or work, and scientists working on future drug development. Provides the recent advances and potential therapeutic agents for ameliorating the high-altitude complications. Includes herbal remedies for the prophylaxis and treatment of the high-altitude maladies. Elucidates the significance of Yogic practices and

ergonomics in managing stress at high altitude

Advances in Diagnosis and Management of Cutaneous Adverse Drug Reactions

Current and Future Trends

Springer This resource guides prescribers, pharmacists, and regulators with an update on the recent expansion of basic and clinical knowledge that forms a framework for understanding cutaneous reactions. This understanding will lead, in turn, to better outcomes and decisions in treatment and management, both in the clinic and in the life cycle of drug development. The skin is a common target for adverse drug events and even mild rashes can be part of life-threatening syndromes. Patients and practitioners often face important decisions about therapy after a drug eruption, including treatment, cross-reactivity with future pharmaceuticals, genetic considerations and dealing with long-term sequelae after a reaction. An international team of experts and leaders in the field share their story and insights into the scientific details and relevant clinical context.

Drug-Induced Liver Injury

Academic Press Drug-Induced Liver Injury, Volume 85, the newest volume in the Advances in Pharmacology series, presents a variety of chapters from the best authors in the field. Chapters in this new release include Cell death mechanisms in DILI, Mitochondria in DILI, Primary hepatocytes and their cultures for the testing of drug-induced liver injury, MetaHeps an alternate approach to identify IDILI, Autophagy and DILI, Biomarkers and DILI, Regeneration and DILI, Drug-induced liver injury in obesity and nonalcoholic fatty liver disease, Mechanisms of Idiosyncratic Drug-Induced Liver Injury, the Evaluation and Treatment of Acetaminophen Toxicity, and much more. Includes the authority and expertise of leading contributors in pharmacology Presents the latest release in the Advances in Pharmacology series

The Rise and Fall of the Age of Psychopharmacology

Oxford University Press In The Rise and Fall of the Age of Psychopharmacology, esteemed historian Edward Shorter proposes that the recent history of psychiatry is that of a failed scientific discipline of medicine. Medicine generally is about the story of progress, but psychiatry's story is that of failure in diagnosis, in therapeutics, and in the ability to deliver science-based care to suffering individuals.

The Top 100 Drug Interactions

A Guide to Patient Management

H & H Publishing Company

Schlossberg's Clinical Infectious Disease

Oxford University Press Preceded by Clinical infectious disease / [edited by] David Schlossberg. Second edition. 2015.

Addiction Medicine: A Multidisciplinary Approach

Clinics Collections

Elsevier Health Sciences The Clinics Collections titles take a multidisciplinary approach to today's practice of medicine, selecting the most recent and relevant articles from the Clinics series and combining them into a single source of information on a focused topic. Articles are chosen from multiple Clinics to highlight the range of specialties covering major medical issues, delivering the information needed for successful interdisciplinary teamwork and effective patient care. Written from a variety of medical perspectives, these articles offer deeper insight into how each specialty cares for its patients and provide a unique entry into sharing best concepts for the entire medical team. Clinics Collections: Addiction Medicine draws from Elsevier's Clinics Review Articles database to provide today's medical teams with practical clinical advice and insights on this complex condition and its comorbidities. It guides readers on how to apply current primary research findings to everyday practice, keep up with new and improved treatment methods, and improve patient outcomes. Areas of focus include opioids, alcoholism, cannabis, and prescription medicine. Each article begins with keywords and key points for immediate access to the most critical information. Articles are presented in an easy-to-digest and concisely worded format.

Behavior Management in Dentistry for Children

John Wiley & Sons Guiding patient behavior is as important as ever for the practicing dentist, and the behavior of pediatric patients is perhaps the most challenging to manage. Drs. Wright and Kupietzky here update Dr. Wright's classic work on managing pediatric dental patients. Behavior Management in Dentistry for Children, 2nd Edition, has been entirely rewritten and includes the latest and

most effective management strategies from an international team of experts in the field. The book addresses the influence of family and parenting styles on children's behavior and the factors that determine how children behave in the dental office. Pharmacological and non-pharmacological management techniques are described in depth, as are techniques for dealing with special needs patients. Clinical scenarios are described throughout the book, with practical application of the taught principles. The final part of the book covers the dental environment—training office personnel to manage children's behavior, practical considerations for behavior guidance, and the effects of the physical dental office environment. *Behavior Management in Dentistry for Children, 2nd Edition*, is ideal for pediatric residents, dental students, and practicing dentists who see children on a regular basis.

Management Information Systems

Managing the Digital Firm

Pearson Educación *Management Information Systems* provides comprehensive and integrative coverage of essential new technologies, information system applications, and their impact on business models and managerial decision-making in an exciting and interactive manner. The twelfth edition focuses on the major changes that have been made in information technology over the past two years, and includes new opening, closing, and Interactive Session cases.

Drug Interactions

Analysis and Management

Facts & Comparisons *Drug Interactions Analysis and Management* assists in the prevention and management of drug interactions, achieving improved patient outcomes. Each interaction monograph includes a ranking system clearly indicating the level of patient risk. Noninteractions are also included. Monographs contain a summary, risk factors, related drugs, management options, and references. The authors offer guidance for managing the interaction and recommendations for alternative medications, if appropriate. Based on clinical as well as case-study findings, the book includes a clinical evaluation section enabling review and assessment of published data via the reference list.

Essential Practical Prescribing

John Wiley & Sons Highly Commended in Medicine in the 2017 BMA Medical Book Awards *Essential Practical Prescribing* is an important new textbook with a clinical, ward-based focus. It is specifically designed to help new foundation doctors working on the hospital wards and in the community, as well as medical students preparing for the Prescribing Safety Assessment. Using an accessible format, *Essential Practical Prescribing* demonstrates how to manage common medical conditions, and explains the logic behind each decision. It also emphasises common pitfalls leading to drug errors, and highlights drugs that could cause harm in certain situations. Organised by hospital department, it outlines the correct management of conditions, as well as highlighting the typical trials of a junior doctor. *Essential Practical Prescribing*: Contains a range of learning methods within each chapter including: key topics, learning objectives, case studies, DRUGS checklists, "Top-Tips", advice on guidelines and evidence, and key learning points Uses patient histories to set the scene and enhance the clinical emphasis Offers examples of correctly completed drug charts throughout, which are also available online Is an ideal companion for Prescribing Safety Assessment (PSA) preparation Includes a companion website at www.wileyessential.com/prescribing featuring MCQs and downloadable DRUGS checklists and drug charts

Drug Absorption Studies

In Situ, In Vitro and In Silico Models

Springer Science & Business Media This is a well thought-out, highly practical text covering contemporary 'in vitro' techniques for drug absorption studies. Starting at the molecular level of investigation, it continues with cell monolayer models (both primary and cell lines) and culminates with in situ techniques as a final testing format. In addition, chapters on high-throughput assays, in vitro-in vivo correlation, bioinformatics and regulatory issues are covered, giving a comprehensive overview of available models and techniques. Moreover, an appendix consisting of a number of practical protocols is available online, updated as needed, and should prove very helpful to apply the techniques directly to the benchside.

Frequently Prescribed Medications

Jones & Bartlett Learning Health Sciences & Professions

Transplantation, An Issue of Anesthesiology Clinics

Elsevier Health Sciences This issue of *Anesthesiology Clinics* focuses on Transplantation. Editors Aman Mahajan and Christopher Wray have assembled an expert team of authors on topics such as: Immunology and Pharmacology of Transplantation; Infectious Diseases and Malignancies in Transplantation; Anesthesia Management of the Organ Donor; Transfusion Medicine and Coagulation Management in Organ Transplantation; Pediatric Transplantation; Anesthesia for Kidney and Pancreas Transplantation; Anesthesia for Heart Transplantation; Anesthesia for Lung Transplantation; Anesthesia for Liver Transplantation; Anesthesia for Small Bowel and

Multivisceral Transplantation; Anesthesia for hand and face transplantation; Anesthesia considerations in Transplant recipients for Non-transplant surgery.

Fundamentals of Business Process Management

Springer This textbook covers the entire Business Process Management (BPM) lifecycle, from process identification to process monitoring, covering along the way process modelling, analysis, redesign and automation. Concepts, methods and tools from business management, computer science and industrial engineering are blended into one comprehensive and inter-disciplinary approach. The presentation is illustrated using the BPMN industry standard defined by the Object Management Group and widely endorsed by practitioners and vendors worldwide. In addition to explaining the relevant conceptual background, the book provides dozens of examples, more than 230 exercises - many with solutions - and numerous suggestions for further reading. This second edition includes extended and completely revised chapters on process identification, process discovery, qualitative process analysis, process redesign, process automation and process monitoring. A new chapter on BPM as an enterprise capability has been added, which expands the scope of the book to encompass topics such as the strategic alignment and governance of BPM initiatives. The textbook is the result of many years of combined teaching experience of the authors, both at the undergraduate and graduate levels as well as in the context of professional training. Students and professionals from both business management and computer science will benefit from the step-by-step style of the textbook and its focus on fundamental concepts and proven methods. Lecturers will appreciate the class-tested format and the additional teaching material available on the accompanying website.

Advances in Pharma Business Management and Research

Volume 1

Springer Nature This open access book presents a unique collection of practical examples from the field of pharma business management and research. It covers a wide range of topics such as: 'Brexit and its Impact on pharmaceutical Law - Implications for Global Pharma Companies', 'Implementation of Measures and Sustainable Actions to Improve Employee's Engagement', 'Global Medical Clinical and Regulatory Affairs (GMCRA)', and 'A Quality Management System for R&D Project and Portfolio Management in a Pharmaceutical Company'. The chapters are summaries of master's theses by "high potential" Pharma MBA students from the Goethe Business School, Frankfurt/Main, Germany, with 8-10 years of work experience and are based on scientific know-how and real-world experience. The authors applied their interdisciplinary knowledge gained in 22 months of studies in the MBA program to selected practical themes drawn from their daily business.

The American Psychiatric Association Practice Guidelines for the Psychiatric Evaluation of Adults, Third Edition

American Psychiatric Pub Since the publication of the Institute of Medicine (IOM) report Clinical Practice Guidelines We Can Trust in 2011, there has been an increasing emphasis on assuring that clinical practice guidelines are trustworthy, developed in a transparent fashion, and based on a systematic review of the available research evidence. To align with the IOM recommendations and to meet the new requirements for inclusion of a guideline in the National Guidelines Clearinghouse of the Agency for Healthcare Research and Quality (AHRQ), American Psychiatric Association (APA) has adopted a new process for practice guideline development. Under this new process APA's practice guidelines also seek to provide better clinical utility and usability. Rather than a broad overview of treatment for a disorder, new practice guidelines focus on a set of discrete clinical questions of relevance to an overarching subject area. A systematic review of evidence is conducted to address these clinical questions and involves a detailed assessment of individual studies. The quality of the overall body of evidence is also rated and is summarized in the practice guideline. With the new process, recommendations are determined by weighing potential benefits and harms of an intervention in a specific clinical context. Clear, concise, and actionable recommendation statements help clinicians to incorporate recommendations into clinical practice, with the goal of improving quality of care. The new practice guideline format is also designed to be more user friendly by dividing information into modules on specific clinical questions. Each module has a consistent organization, which will assist users in finding clinically useful and relevant information quickly and easily. This new edition of the practice guidelines on psychiatric evaluation for adults is the first set of the APA's guidelines developed under the new guideline development process. These guidelines address the following nine topics, in the context of an initial psychiatric evaluation: review of psychiatric symptoms, trauma history, and treatment history; substance use assessment; assessment of suicide risk; assessment for risk of aggressive behaviors; assessment of cultural factors; assessment of medical health; quantitative assessment; involvement of the patient in treatment decision making; and documentation of the psychiatric evaluation. Each guideline recommends or suggests topics to include during an initial psychiatric evaluation. Findings from an expert opinion survey have also been taken into consideration in making recommendations or suggestions. In addition to reviewing the available evidence on psychiatry evaluation, each guideline also provides guidance to clinicians on implementing these recommendations to enhance patient care.

Acute Ischemic Stroke Imaging and Intervention

Springer Science & Business Media This updated second edition of *Acute Ischemic Stroke: Imaging and Intervention* provides a comprehensive account of the state of the art in the diagnosis and treatment of acute ischemic stroke. The basic format of the first edition has been retained, with sections on fundamentals such as pathophysiology and causes, imaging techniques and interventions. However, each chapter has been revised to reflect the important recent progress in advanced neuroimaging and the use of interventional tools. In addition, a new chapter is included on the classification instruments for ischemic stroke and their use in predicting outcomes and therapeutic triage. All of the authors are internationally recognized experts and members of the interdisciplinary stroke team at the Massachusetts General Hospital and Harvard Medical School. The text is supported by numerous informative illustrations, and ease of reference is ensured through the inclusion of suitable tables. This book will serve as a unique source of up-to-date information for neurologists, emergency physicians, radiologists and other health care providers who care for the patient with acute ischemic stroke.

Recognition and Management of Pesticide Poisonings (5th Ed.)

DIANE Publishing This 5th ed. is an update and expansion of the 1989 4th ed. This EPA manual provides health professionals with information on the health hazards of pesticides currently in use, and current consensus recommendations for management of poisonings and injuries caused by them. As with previous updates, this new ed. incorporates new pesticide products that are not necessarily widely known among health professionals. Contents: (1) General Information: Introduction; General Principles in the Management of Acute Pesticide Poisonings; Environmental and Occupational History; (2) Insecticides; (3) Herbicides; (4) Other Pesticides; (5) Index of Signs and Symptoms; Index of Pesticide Products. Charts and tables.

Clinical Pharmacy and Therapeutics

A practical guide for the treatment of common diseases, this updated edition includes the very latest information. It covers the treatment of disease by drug therapy and uses case studies to illustrate the application of the principles discussed

Index Medicus

The Social Determinants of Mental Health

American Psychiatric Pub *The Social Determinants of Mental Health* aims to fill the gap that exists in the psychiatric, scholarly, and policy-related literature on the social determinants of mental health: those factors stemming from where we learn, play, live, work, and age that impact our overall mental health and well-being. The editors and an impressive roster of chapter authors from diverse scholarly backgrounds provide detailed information on topics such as discrimination and social exclusion; adverse early life experiences; poor education; unemployment, underemployment, and job insecurity; income inequality, poverty, and neighborhood deprivation; food insecurity; poor housing quality and housing instability; adverse features of the built environment; and poor access to mental health care. This thought-provoking book offers many beneficial features for clinicians and public health professionals: Clinical vignettes are included, designed to make the content accessible to readers who are primarily clinicians and also to demonstrate the practical, individual-level applicability of the subject matter for those who typically work at the public health, population, and/or policy level. Policy implications are discussed throughout, designed to make the content accessible to readers who work primarily at the public health or population level and also to demonstrate the policy relevance of the subject matter for those who typically work at the clinical level. All chapters include five to six key points that focus on the most important content, helping to both prepare the reader with a brief overview of the chapter's main points and reinforce the "take-away" messages afterward. In addition to the main body of the book, which focuses on selected individual social determinants of mental health, the volume includes an in-depth overview that summarizes the editors' and their colleagues' conceptualization, as well as a final chapter coauthored by Dr. David Satcher, 16th Surgeon General of the United States, that serves as a "Call to Action," offering specific actions that can be taken by both clinicians and policymakers to address the social determinants of mental health. The editors have succeeded in the difficult task of balancing the individual/clinical/patient perspective and the population/public health/community point of view, while underscoring the need for both groups to work in a unified way to address the inequities in twenty-first century America. *The Social Determinants of Mental Health* gives readers the tools to understand and act to improve mental health and reduce risk for mental illnesses for individuals and communities. Students preparing for the Medical College Admission Test (MCAT) will also benefit from this book, as the MCAT in 2015 will test applicants' knowledge of social determinants of health. The social determinants of mental health are not distinct from the social determinants of physical health, although they deserve special emphasis given the prevalence and burden of poor mental health.

Hypertensive Heart Disease, An Issue of Heart Failure Clinics

Elsevier Health Sciences This issue of Heart Failure Clinics, Guest Edited by Drs. George L. Bakris and Ragavendra R. Baliga, will focus on Hypertensive Heart Disease. Areas covered include Epidemiology and Natural History, Pathophysiology and Natural History, Special Populations, and Prognostic Markers and Management. Topics include, but are not limited to, Progression of Hypertensive Heart Disease, Diagnosis and Prevention of Hypertensive of Heart Failure, Evolution from Hypertension to Heart Failure, Changes in Kidney Function in Heart Failure, Implication of Acute Kidney Injury in heart failure, Myocardial fibrosis in hypertensive patients with heart failure, Hypertensive Heart Failure in the Very Old, Hypertension in the Cardio-Oncology Clinic, Hypertension after Cardiac Transplantation, Hypertensive Heart Failure in Women, Hypertensive Heart Failure in Obesity and Obstructive Sleep Apnea, Hypertensive Heart Failure in African Americans, Reverse J-curve relationship between on-treatment blood pressure and mortality in patients with heart failure, Hypertension and Heart Failure with Ejection Fraction, Hypertension and Arrhythmias, Hypertension Treatment in Diabetes: Focus on Heart Failure Prevention, and Management of Acute Hypertensive Heart Failure.

Anesthesia and Uncommon Diseases E-Book

Elsevier Health Sciences Your awareness of uncommon diseases and possible complications is vital to successful anesthetic patient management. Anesthesia and Uncommon Diseases, 6th Edition, brings you up to date with new information on less commonly seen diseases and conditions, including the latest evidence and management guidelines. This unique medical reference book is essential for a complete understanding of today's best options and potential difficulties in anesthesia. Improve your ability to successfully manage every patient, including those with rare diseases or conditions. Avoid complications with unique coverage of an important aspect of anesthetic management. Stay current with all-new chapters on adult congenital heart disease, rheumatic diseases, and the cancer patient, plus many more revisions throughout. Get outstanding visual guidance with hundreds of illustrations, now in full color.

Governance Networks in the Public Sector

Routledge Governance Networks in the Public Sector presents a comprehensive study of governance networks and the management of complexities in network settings. Public, private and non-profit organizations are increasingly faced with complex, wicked problems when making decisions, developing policies or delivering services in the public sector. These activities take place in networks of interdependent actors guided by diverging and sometimes conflicting perceptions and strategies. As a result these networks are dominated by cognitive, strategic and institutional complexities. Dealing with these complexities requires sophisticated forms of coordination: network governance. This book presents the most recent theoretical and empirical insights into governance networks. It provides a conceptual framework and analytical tools to study the complexities involved in handling wicked problems in governance networks in the public sector. The book also discusses strategies and management recommendations for governments, business and third sector organisations operating in and governing networks. Governance Networks in the Public Sector is an essential text for advanced students of public management, public administration, public policy and political science, and for public managers and policymakers.

Pharmacotherapy Casebook: A Patient-Focused Approach, 9/E

McGraw-Hill Education / Medical More than 150 cases help develop the skills you need to identify and resolve the most common drug therapy problems The perfect study companion to DiPiro's Pharmacotherapy: A Pathophysiologic Approach More than 40 all-new cases! Pharmacotherapy Casebook: A Patient-Focused Approach delivers 157 patient cases designed to teach you how to apply the principles of pharmacotherapy to real-world clinical practice. The case chapters in this book are organized into organ system sections that correspond to those of the DiPiro textbook. By reading the relevant chapters in Pharmacotherapy: A Pathophysiologic Approach you will be able to familiarize yourself with the pathophysiology and pharmacology of each disease state included in this casebook. Each case teaches you how to: Identify real or potential drug therapy problems Determine the desired therapeutic outcome Evaluate therapeutic alternatives Design an optimal individualized pharmacotherapeutic plan Develop methods to evaluate the therapeutic outcome Provide patient education Communicate and implement the pharmacotherapeutic plan Everything you need to develop expertise in pharmacotherapy decision making: Realistic patient presentations include medical history, physical examination, and laboratory data, followed by a series of questions using a systematic, problem-solving approach Compelling range of cases - from the uncomplicated (a single disease state) to the complex (multiple disease states and drug-related problems) Diverse authorship from more than 190 clinicians from nearly 100 institutions Coverage that integrates the biomedical and pharmaceutical sciences with therapeutics Appendices containing valuable information on pharmacy abbreviations, laboratory tests, mathematical conversion factors, anthropometrics, and complementary and alternative therapies

Disease Control Priorities, Third Edition (Volume 4)

Mental, Neurological, and Substance Use Disorders

World Bank Publications Mental, neurological, and substance use disorders are common, highly disabling, and associated with significant premature mortality. The impact of these disorders on the social and economic well-being of individuals, families, and societies is large, growing, and underestimated. Despite this burden, these disorders have been systematically neglected, particularly in low- and middle-income countries, with pitifully small contributions to scaling up cost-effective prevention and treatment strategies. Systematically compiling the substantial existing knowledge to address this inequity is the central goal of this volume. This evidence-base can help policy makers in resource-constrained settings as they prioritize programs and interventions to address these disorders.

Logistics Transportation Systems

Elsevier Logistics Transportation Systems compiles multiple topics on transportation logistics systems from both qualitative and quantitative perspectives, providing detailed examples of real-world logistics workflows. It explores the key concepts and problem-solving techniques required by researchers and logistics professionals to effectively manage the continued expansion of logistics transportation systems, which is expected to reach an estimated 25 billion tons in the United States alone by 2045. This book provides an ample understanding of logistics transportation systems, including basic concepts, in-depth modeling analysis, and network analysis for researchers and practitioners. In addition, it covers policy issues related to transportation logistics, such as security, rules and regulations, and emerging issues including reshoring. This book is an ideal guide for academic researchers and both undergraduate and graduate students in transportation modeling, supply chains, planning, and systems. It is also useful to transportation practitioners involved in planning, feasibility studies, consultation and policy for transportation systems, logistics, and infrastructure. Provides real-world examples of logistics systems solutions for multiple transportation modes, including seaports, rail, barge, road, pipelines, and airports Covers a wide range of business aspects, including customer service, cost, and decision analysis Features key-term definitions, concept overviews, discussions, and analytical problem-solving

American Psychiatric Association Practice Guidelines

American Psychiatric Publishing The aim of the American Psychiatric Association Practice Guideline series is to improve patient care. Guidelines provide a comprehensive synthesis of all available information relevant to the clinical topic. Practice guidelines can be vehicles for educating psychiatrists, other medical and mental health professionals, and the general public about appropriate and inappropriate treatments. The series also will identify those areas in which critical information is lacking and in which research could be expected to improve clinical decisions. The Practice Guidelines are also designed to help those charged with overseeing the utilization and reimbursement of psychiatric services to develop more scientifically based and clinically sensitive criteria.

Bradley's Neurology in Clinical Practice E-Book

Elsevier Health Sciences A practical, dynamic resource for practicing neurologists, clinicians and trainees, Bradley and Daroff's Neurology in Clinical Practice, Eighth Edition, offers a straightforward style, evidence-based information, and robust interactive content supplemented by treatment algorithms and images to keep you up to date with all that's current in this fast-changing field. This two-volume set is ideal for daily reference, featuring a unique organization by presenting symptom/sign and by specific disease entities—allowing you to access content in ways that mirror how you practice. More than 150 expert contributors, led by Drs. Joseph Jankovic, John C. Mazziotta, Scott L. Pomeroy, and Nancy J. Newman, provide up-to-date guidance that equips you to effectively diagnose and manage the full range of neurological disorders. Covers all aspects of today's neurology in an easy-to-read, clinically relevant manner. Allows for easy searches through an intuitive organization by both symptom and grouping of diseases. Features new and expanded content on movement disorders, genetic and immunologic disorders, tropical neurology, neuro-ophthalmology and neuro-otology, palliative care, pediatric neurology, and new and emerging therapies. Offers even more detailed videos that depict how neurological disorders manifest, including EEG and seizures, deep brain stimulation for PD and tremor, sleep disorders, movement disorders, ocular oscillations, EMG evaluation, cranial neuropathies, and disorders of upper and lower motor neurons, as well as other neurologic signs.

Brunner & Suddarth's Textbook of Medical-Surgical Nursing

Project Management in Practice

John Wiley & Sons Project Management in Practice, 4th Edition focuses on the technical aspects of project management that are directly related to practice.

Knowledge Management in Organizations

13th International Conference, KMO 2018, Žilina, Slovakia, August 6–10, 2018, Proceedings

Springer This book contains the refereed proceedings of the 13th International Conference on Knowledge Management in Organizations, KMO 2018, held in Žilina, Slovakia, in August 2018. The theme of the conference was "Emerging Research for Knowledge Management in Organizations." The 59 papers accepted for KMO 2018 were selected from 141 submissions and are organized in topical sections on: Knowledge management models and analysis; knowledge sharing; knowledge transfer and learning; knowledge and service innovation; knowledge creation; knowledge and organization; information systems and information science; knowledge and technology management; data mining and intelligent science; business and customer relationship management; big data and IoT; and new trends in IT.

The Changing Role of the Hospital in European Health Systems

Cambridge University Press A team of world-leading policy experts and clinicians analyse the changing role of the hospital across Europe.

Principles of Medical Biochemistry E-Book

Elsevier Health Sciences For nearly 30 years, Principles of Medical Biochemistry has integrated medical biochemistry with molecular genetics, cell biology, and genetics to provide complete yet concise coverage that links biochemistry with clinical medicine. The 4th Edition of this award-winning text by Drs. Gerhard Meisenberg and William H. Simmons has been fully updated with new clinical examples, expanded coverage of recent changes in the field, and many new case studies online. A highly visual format helps readers retain complex information, and USMLE-style questions (in print and online) assist with exam preparation. Just the right amount of detail on biochemistry, cell biology, and genetics – in one easy-to-digest textbook. Full-color illustrations and tables throughout help students master challenging concepts more easily. Online case studies serve as a self-assessment and review tool before exams. Online access includes nearly 150 USMLE-style questions in addition to the questions that are in the book. Glossary of technical terms. Clinical Boxes and Clinical Content demonstrate the integration of basic sciences and clinical applications, helping readers make connections between the two. New clinical examples have been added throughout the text.

Merenstein & Gardner's Handbook of Neonatal Intensive Care

Elsevier Health Sciences Merenstein & Gardner's Handbook of Neonatal Intensive Care, 8th Edition, is the leading resource for collaborative, interprofessional critical care of newborns. Co-authored by physicians and nurses, it offers concise, comprehensive coverage with a unique multidisciplinary approach and real-world perspective that make it an essential guide for both neonatal nurses and physicians. The 8th edition features the latest neonatal research, evidence, clinical guidelines, and practice recommendations - all in a practical quick-reference format for easy retrieval and review of key information. UNIQUE! Multidisciplinary author and contributor team consists of two physicians and two nurses, with each chapter written and reviewed by a physician-nurse team to ensure that information mirrors current, real-world practice in a neonatal intensive care unit. Critical Findings boxes and tables outline symptoms and diagnostic findings that require immediate attention, helping you prioritize assessment data and steps in initial care. UNIQUE! Clinical content highlighted in color allows you to quickly scan for information that directly affects patient care. UNIQUE! Parent Teaching boxes highlight relevant information to share with a patient's caregivers. Clinical images, graphs, and algorithms illustrate clinically relevant concepts in neonatal intensive care. Streamlined references include only the most current or classic sources. NEW! Coverage of the latest neonatal research, evidence, clinical guidelines, and practice recommendations addresses topics such as: women with chronic illnesses becoming pregnant; maternal obesity; hypotension and shock in premature infants; pain and sedation; dedicated feeding sets vs. IVs for safety; MRSA; pediatric stroke; autism screening; discharge coordination; and more. NEW! The latest AAP recommendations and guidelines for hypoglycemia, jaundice, herpes, respiratory syncytial virus, and neonatal transport team composition. EXPANDED! Revised Evidence-Based Clinical Practice chapter focuses on evidence-based practice and quality improvement and the role of qualitative research in EBP. EXPANDED! Updated Infection in the Neonate chapter features new GBS guidelines and CRP research.

Binocular Vision and Ocular Motility

Theory and Management of Strabismus

Principles of Inventory Management

When You Are Down to Four, Order More

Springer Science & Business Media Inventories are prevalent everywhere in the commercial world, whether it be in retail stores, manufacturing facilities, government stockpile material, Federal Reserve banks, or even your own household. This textbook examines basic mathematical techniques used to sufficiently manage inventories by using various computational methods and mathematical models. The text is presented in a way such that each section can be read independently, and so the order in which the reader approaches the book can be inconsequential. It contains both deterministic and stochastic models along with algorithms that can be employed to find solutions to a variety of inventory control problems. With exercises at the end of each chapter and a clear, systematic exposition, this textbook will appeal to advanced undergraduate and first-year graduate students in operations research, industrial engineering, and quantitative MBA programs. It also serves as a reference for professionals in both industry and government worlds. The prerequisite courses include introductory optimization methods, probability theory (non-measure theoretic), and stochastic processes.