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Canine and Feline Infectious Diseases - E-BOOK Jane E. Sykes 2013-06-06 Canine and Feline Infectious Diseases is a practical, up-to-date resource covering the most important and cutting-edge advances in the field. Presented by a seasoned educator in a concise, highly visual format, this innovative guide keeps you current with the latest advances in this ever-changing field. 80 case studies illustrate the clinical relevance of the major infectious disease chapters. Well-organized Major Infectious Diseases chapters break down content by etiologic agent and epidemiology, clinical signs and their pathophysiology, physical examination findings, diagnosis, treatment and prognosis, immunity, prevention, and public health implications. Over 80 case studies illustrate how the information provided can be applied in everyday practice. Logical approach to laboratory diagnosis guides you through all the steps needed to accurately diagnose and treat viral, bacterial, fungal, protozoal, and algal diseases. Practical protocols provided by expert clinicians guide you in the management of canine and feline patients suspected to have infectious diseases, including handling, disinfection, isolation, and vaccination protocols. Over 500 full color images – geographic distribution maps, life cycle drawings, and hundreds of color photographs – visually illustrate and clarify complex issues. Easy-to-understand tables and boxes make content quickly accessible, eliminating the need to sort through dense text for critical information in the clinical setting.

Chronic Kidney Disease, Dialysis, and Transplantation E-Book Jonathan Himmelfarb 2018-11-06 Contains expanded content on economics and outcomes of treatment, as well as acute kidney injury. Covers hot topics such as the genetic causes of chronic kidney disease, ethical challenges and palliative care, and home hemodialysis. Discusses the latest advances in hypertensive kidney disease, vitamin D deficiency, diabetes management, transplantation, and more. Provides a clear visual understanding of complex information with high-quality line drawings, photographs, and diagnostic and treatment algorithms.

Expanding Tertiary Education for Well-Paid Jobs Andreas Blom 2016-06-02 Expanding Tertiary education with quality, relevance and equity is one of the most decisive challenges for Kenya's future, including the achievement of the ideals of the 2010 Constitution and, especially, its 2030 vision, which aims at transforming Kenya into a "newly industrializing, middle income, globally competitive and prosperous country". That is because tertiary education can contribute in a critical manner to successfully overcome several of the country's challenges. This book provide analysis and policy recommendations to Government of Kenya, tertiary education leaders and the many stakeholders on managing the massive tertiary education expansion facing the country. This book, first, discusses the motivation for the analysis and its choice of three critical topics: quality and relevance; governance, and student financing. Secondly, it reviews findings on each area, and, third, it ends with a set of policy recommendations.

Hands-On Ablation, Second Edition Amin Al-Ahmad 2017-05-01

OECD Reviews of Health Care Quality: Japan 2015 Raising Standards OECD 2015-08-21 This report reviews the quality of health care in Japan, and seeks to highlight best practices, and provides a series of targeted assessments and recommendations for further improvements to quality of care.

Substance Misuse and Young People Ilana Crome 2019-12-19 Substance Misuse and Young People: Critical Issues is a comprehensive source of information on young people's requirements for assessment, treatment and other interventions because of their misuse of substances. It highlights approaches that enhance understanding of the routes that lead young people to substance misuse and also the routes away from it. The emergence of new substances and methods of misuse makes this ever more relevant. The authors are international experts in the fields of psychiatry, paediatrics, medicine, psychology, genetics, resilience, neuropharmacology and epidemiology. This book acknowledges how widespread both substance misuse and psychiatric disorders are and explores the complex, challenging links between co-occurring conditions. Use of substances is associated with illness and premature mortality, and more so for people who have combined disorders. The authors critically assess the vital need for intervention during adolescence and early adulthood. They provide detailed clinical views of the psychosocial interventions and medications currently available and illustrate them with case studies that emphasise adolescents' experiences and thoughtful lifestyle-specific interventions. This book provides theoretical knowledge and indicates the practical skills that practitioners require for work with young people who misuse substances. It is highly applicable to medical practitioners, psychologists, pharmacists, social workers, police officers, probation officers, educationalists and related social and healthcare professionals.

An Introduction to Bioanalysis of Biopharmaceuticals Seema Kumar 2022-08-23 The book provides a comprehensive review of the fundamental and practical aspects of bioanalytical support and the integral role it plays in the development of safe and efficacious biopharmaceutical drugs with speed and cost-effectiveness. The book focuses on a broad range of conventional and emerging biopharmaceutical modalities including monoclonal antibody-based therapeutics, gene therapy, cell therapy, peptides and oligonucleotides. The book starts with an introductory overview of bioanalysis showcasing the integral role it plays in understanding the drug disposition (pharmacokinetics/pharmacodynamics and immunogenicity) and the progression of bioanalytical strategy as the drug progresses through discovery and development stages of the program, taking into consideration the continually evolving regulatory landscape. The book further diversifies into individual biopharmaceutical modalities - monoclonal antibodies, antibody-drug conjugates, bispecifics, Fc-fusion proteins, gene therapies, cell therapies, peptides and oligonucleotides. The individual chapters focus on modality-specific bioanalytical assay strategies, critical reagents, assay formats, analytical platforms, associated bioanalytical challenges and mitigation strategies, industry best practices, and the latest understanding of regulatory guidance as applicable to the fast-growing biopharmaceutical landscape.

Handbook on Wellbeing, Happiness and the Environment David Maddison 2020-05-29 This topical and engaging Handbook brings together cutting-edge research on the relationship between happiness and the natural environment. With interdisciplinary contributions from top scholars, it explores the role of happiness research as a new approach to environmental social science, illustrating the critical links between human wellbeing, happiness and the environment.

Huether and McCance's Understanding Pathophysiology, Canadian Edition - E-Book Kelly Power-Kean 2022-01-08 Introduction to Pathophysiology provides an entrance to the science of pathophysiology and explains why it is important. Lifespan coverage includes nine separate chapters on developmental alterations in pathophysiology and special sections with aging and pediatrics content. Canadian drug and treatment guidelines familiarize you with aspects of clinical practice you will encounter. Coverage of diseases includes their pathophysiology, clinical manifestations, and evaluation and treatment. Canadian lab values provide the core fundamental information required for practice in Canada. Canadian morbidity statistics provide you with the Canadian context in which you will be practising. Algorithms and flowcharts of diseases and disorders make it easy to follow the sequential progression of disease processes. Health Promotion boxes emphasize evidence-based care and align with the Canadian curriculum. Risk Factors boxes highlight important safety considerations associated with specific diseases. Quick Check boxes test your understanding of important chapter concepts. End-of-chapter Did You Understand? summaries make it easy to review the chapter's major concepts. Key Terms are set in blue, boldface type and listed at the end of each chapter Glossary of approximately 1,000 terms is included on the Evolve website with definitions of important terminology.

Canadian Immunization Guide Canada. National Advisory Committee on Immunization 2006 The seventh edition of the Canadian Immunization Guide was developed by the National Advisory Committee on Immunization (NACI), with the support of the Immunization and Respiratory Infections Division, Public Health Agency of Canada, to provide updated information and recommendations on the use of vaccines in Canada. The Public Health Agency of Canada conducted a survey in 2004, which confirmed that the Canadian Immunization Guide is a very useful and reliable resource of information on immunization.

CDC Yellow Book 2018: Health Information for International Travel Centers for Disease Control and Prevention CDC 2017-04-17 THE ESSENTIAL WORK IN TRAVEL MEDICINE -- NOW COMPLETELY UPDATED FOR 2018 As unprecedented numbers of travelers cross international borders each day, the need for up-to-date, practical information about the health challenges posed by travel has never been greater. For both international travelers and the health professionals who care for them, the CDC Yellow Book 2018: Health Information for International Travel is the definitive guide to staying safe and healthy anywhere in the world. The fully revised and updated 2018 edition codifies the U.S. government's most current health guidelines and information for international travelers, including pretravel vaccine recommendations, destination-specific health advice, and easy-to-reference maps, tables, and charts. The 2018 Yellow Book also addresses the needs of specific types of travelers, with dedicated sections on: · Precautions for pregnant travelers, immunocompromised travelers, and travelers with disabilities · Special considerations for newly arrived adoptees, immigrants, and refugees · Practical tips for last-minute or resource-limited travelers · Advice for air crews, humanitarian workers, missionaries, and others who provide care and support overseas Authored by a team of the world's most esteemed travel medicine experts, the Yellow Book is an essential resource for travelers -- and the clinicians overseeing their care -- at home and abroad.

Sarcoidosis, An Issue of Clinics in Chest Medicine, Robert P. Baughman 2016-01-07 This issue of Clinics in Chest Medicine focuses on Sarcoidosis. Drs. Baughman and Culver

have put together an expert roster of authors for articles concerning: Etiology of sarcoidosis, Immunology of sarcoidosis, Genetics of Sarcoidosis, Diagnosis of sarcoidosis, Chest imaging, Biomarkers and genetic profiles, Pulmonary Sarcoidosis, Neurosarcoidosis, Cardiac Sarcoidosis, Ocular Sarcoidosis, Quality of life assessments, and more!

Rheumatology E-Book Marc C. Hochberg 2022-07-29 Covering both the scientific basis of rheumatology and practical, clinical information for rheumatologists and trainees, Rheumatology, 8th Edition, remains a leading text in this fast-changing field. Dr. Marc Hochberg and his team of worldwide editors and authors keep you abreast of recent advances in the field—all in a user-friendly, accessible manner. Fully updated from cover to cover, this two-volume text is designed to meet the needs of all practicing and academic rheumatologists as well as arthritis-related health care professionals and scientists interested in rheumatic and musculoskeletal diseases. Covers the epidemiology, pathogenesis, clinical manifestations, therapeutic approach, and management of all major as well as rarely encountered rheumatic and musculoskeletal diseases. Discusses clinical examination, imaging principles, differential diagnosis, established and novel therapies, perioperative evaluation, pain management, basic science, and genetics of rheumatic and musculoskeletal diseases. Uses a consistent, logical, reader-friendly format with templated chapters, concise text, and large-scale, state-of-the-art illustrations for efficient visual reference. Contains new chapters covering pre-clinical disease and how to address these patients, common comorbidities in rheumatoid arthritis; emerging therapies for systemic sclerosis; immune mediated complications of checkpoint inhibitors; the epidemiology of COVID-19 and rheumatic and musculoskeletal diseases, emerging treatments for osteoarthritis, and big data analytics. Provides updates to key topics such as systems biology and its impact on our understanding of the pathogenesis of rheumatic and musculoskeletal diseases, the microbiome in rheumatic musculoskeletal diseases, how to manage chronic pain in the patient with a rheumatic disease, drugs and reproductive health, and emerging therapies for patients with RA, SLE, spondyloarthritis, inflammatory muscle disease, and vasculitis. Shares the knowledge and expertise of numerous new contributing authors, as well as new co-editor Dr. Désirée van der Heijde, who is an expert in psoriatic arthritis, spondyloarthritis, imaging, and clinical epidemiology. Provides access to concise videos depicting the use of ultrasound for diagnosis and treatment.

African Handbook of Climate Change Adaptation Nicholas Ogue 2021-05-20 This open access book discusses current thinking and presents the main issues and challenges associated with climate change in Africa. It introduces evidences from studies and projects which show how climate change adaptation is being - and may continue to be successfully implemented in African countries. Thanks to its scope and wide range of themes surrounding climate change, the ambition is that this book will be a lead publication on the topic, which may be regularly updated and hence capture further works. Climate change is a major global challenge. However, some geographical regions are more severely affected than others. One of these regions is the African continent. Due to a combination of unfavourable socio-economic and meteorological conditions, African countries are particularly vulnerable to climate change and its impacts. The recently released IPCC special report "Global Warming of 1.5o C" outlines the fact that keeping global warming by the level of 1.5o C is possible, but also suggested that an increase by 2o C could lead to crises with crops (agriculture fed by rain could drop by 50% in some African countries by 2020) and livestock production, could damage water supplies and pose an additional threat to coastal areas. The 5th Assessment Report produced by IPCC predicts that wheat may disappear from Africa by 2080, and that maize—a staple—will fall significantly in southern Africa. Also, arid and semi-arid lands are likely to increase by up to 8%, with severe ramifications for livelihoods, poverty eradication and meeting the SDGs. Pursuing appropriate adaptation strategies is thus vital, in order to address the current and future challenges posed by a changing climate. It is against this background that the "African Handbook of Climate Change Adaptation" is being published. It contains papers prepared by scholars, representatives from social movements, practitioners and members of governmental agencies, undertaking research and/or executing climate change projects in Africa, and working with communities across the African continent. Encompassing over 100 contributions from across Africa, it is the most comprehensive publication on climate change adaptation in Africa ever produced.

Epidemiology and Prevention of Vaccine-Preventable Diseases, 13th Edition E-Book Jennifer Hamborsky, MPH, MCHES 2015-10-19 The Public Health Foundation (PHF) in partnership with the Centers for Disease Control and Prevention (CDC) is pleased to announce the availability of Epidemiology and Prevention of Vaccine-Preventable Diseases, 13th Edition or "The Pink Book" E-Book. This resource provides the most current, comprehensive, and credible information on vaccine-preventable diseases, and contains updated content on immunization and vaccine information for public health practitioners, healthcare providers, health educators, pharmacists, nurses, and others involved in administering vaccines. "The Pink Book E-Book" allows you, your staff, and others to have quick access to features such as keyword search and chapter links. Online schedules and sources can also be accessed directly through e-readers with internet access. Current, credible, and comprehensive, "The Pink Book E-Book" contains information on each vaccine-preventable disease and delivers immunization providers with the latest information on: Principles of vaccination General recommendations on immunization Vaccine safety Child/adult immunization schedules International vaccines/Foreign language terms Vaccination data and statistics The E-Book format contains all of the information and updates that are in the print version, including: · New vaccine administration chapter · New recommendations regarding selection of storage units and temperature monitoring tools · New recommendations for vaccine transport · Updated information on available influenza vaccine products · Use of Tdap in pregnancy · Use of Tdap in persons 65 years of age or older · Use of PCV13 and PPSV23 in adults with immunocompromising conditions · New licensure information for varicella-zoster immune globulin Contact bookstore@phf.org for more information. For more news and specials on immunization and vaccines visit the Pink Book's Facebook fan page

Lifestyle Medicine, Third Edition James M. Rippe 2019-04-17 The field of lifestyle medicine, which is the study of how daily habits and actions impact on both short- and long-term health and quality of life, continues to expand globally. The scientific and medical literature that supports the success of these lifestyle habits and actions is now overwhelming. Thousands of studies provide evidence that regular physical activity, maintenance of a health body weight, following sound nutritional practices, stress reduction, and other good practices all profoundly impact both health and quality of life. Following its predecessors, Lifestyle Medicine, Third Edition, is edited by lifestyle medicine pioneer, cardiologist Dr. James Rippe. This edition has been thoroughly updated and represents the expert opinions of 20 section editors as well as more than 150 expert chapter authors whose knowledge span all aspects of this emerging discipline. Topics cover lifestyle medicine practices including regular physical activity, proper nutrition, and weight management. These principles are applied to the prevention and/or treatment of a wide variety of chronic conditions ranging from heart disease and diabetes to cancer, mental health, addiction, and injury prevention. This book serves as evidence base for individuals who wish to practice lifestyle medicine or incorporate some of its principles into either general medicine or subspecialty practice. It provides valuable information to healthcare workers in the fields of nutrition, exercise physiology, psychology, behavioral medicine, health promotion, and public policy where lifestyle medicine principles play an ever-increasing role.

Textbook of Pediatric Rheumatology E-Book Ross E Petty 2020-12-03 Offering up-to-date, comprehensive coverage of disease progression, diagnosis, management, and prognosis, Textbook of Pediatric Rheumatology is the definitive reference in the field. For physicians caring for children with rheumatic diseases, this revised 8th Edition is an unparalleled resource for the full spectrum of rheumatologic diseases and non-rheumatologic musculoskeletal disorders in children and adolescents. Global leaders in the field provide reliable, evidence-based guidance, highlighted by superb full-color illustrations that facilitate a thorough understanding of the science that underlies rheumatic disease. Offers expanded coverage of autoinflammatory diseases, plus new chapters on Takayasu Arteritis and Other Vasculitides, Mechanistic Investigation of Pediatric Rheumatic Diseases, Genetics and Pediatric Rheumatic Diseases, and Global Issues in Pediatric Rheumatology. Reflects the changes in diagnosis, monitoring, and management that recent advances have made possible. Covers the latest information on small molecule treatment, biologics, biomarkers, epigenetics, biosimilars, and cell-based therapies, helping you choose treatment protocols based on the best scientific evidence available today. Features exhaustive reviews of the complex symptoms, signs, and lab abnormalities that characterize these clinical disorders.

Kucers' The Use of Antibiotics M. Lindsay Grayson 2017-10-02 Kucers' The Use of Antibiotics is the definitive, internationally-authored reference, providing everything that the infectious diseases specialist and prescriber needs to know about antimicrobials in this vast and rapidly developing field. The much-expanded Seventh Edition comprises 4800 pages in 3 volumes in order to cover all new and existing therapies, and emerging drugs not yet fully licensed. Concentrating on the treatment of infectious diseases, the content is divided into four sections - antibiotics, anti-fungal drugs, anti-parasitic drugs, and anti-viral drugs - and is highly structured for ease of reference. Each chapter is organized in a consistent format, covering susceptibility, formulations and dosing (adult and pediatric), pharmacokinetics and pharmacodynamics, toxicity, and drug distribution, with detailed discussion regarding clinical uses - a feature unique to this title. Compiled by an expanded team of internationally renowned and respected editors, with expert contributors representing Europe, Africa, Asia, Australia, South America, the US, and Canada, the Seventh Edition adopts a truly global approach. It remains invaluable for anyone using antimicrobial agents in their clinical practice and provides, in a systematic and concise manner, all the information required when prescribing an antimicrobial to treat infection.

International VAT/GST Guidelines OECD 2017-04-12 The International VAT/GST Guidelines present a set of internationally agreed standards and recommended approaches for the consistent application of VAT to international trade, with a particular focus on trade in services and intangibles.

Youmans and Winn Neurological Surgery H. Richard Winn 2022-01-21 Widely regarded as the definitive reference in the field, Youmans and Winn Neurological Surgery offers unparalleled, multimedia coverage of the entirety of this complex specialty. Fully updated to reflect recent advances in the basic and clinical neurosciences, the 8th Edition covers everything you need to know about functional and restorative neurosurgery, deep brain stimulation, stem cell biology, radiological and nuclear imaging, and neuro-oncology, as well as minimally invasive surgeries in spine and peripheral nerve surgery, and endoscopic and other approaches for cranial procedures and cerebrovascular diseases. In four comprehensive volumes, Dr. H. Richard Winn and his expert team of editors and authors provide updated content, a significantly expanded video library, and hundreds of new video lectures that help you master new procedures, new technologies, and essential anatomic knowledge in neurosurgery. Discusses current topics such as diffusion tensor imaging, brain and spine robotic surgery, augmented reality as an aid in neurosurgery, AI and big data in neurosurgery, and neuroimaging in stereotactic functional neurosurgery. 55 new chapters provide cutting-edge information on Surgical Anatomy of the Spine, Precision Medicine in Neurosurgery, The Geriatric Patient, Neuroanesthesia During

Pregnancy, Laser Interstitial Thermal Therapy for Epilepsy, Fetal Surgery for Myelomeningocele, Rehabilitation of Acute Spinal Cord Injury, Surgical Considerations for Patients with Polytrauma, Endovascular Approaches to Intracranial Aneurysms, and much more. Hundreds of all-new video lectures clarify key concepts in techniques, cases, and surgical management and evaluation. Notable lecture videos include multiple videos on Thalamotomy for Focal Hand Dystonia and a video to accompany a new chapter on the Basic Science of Brain Metastases. An extensive video library contains stunning anatomy videos and videos demonstrating intraoperative procedures with more than 800 videos in all. Each clinical section contains chapters on technology specific to a clinical area. Each section contains a chapter providing an overview from experienced Section Editors, including a report on ongoing controversies within that subspecialty.

Firestein & Kelley's Textbook of Rheumatology - E-Book Gary S. Firestein 2020-07-05 Through 10 outstanding editions, Kelley & Firestein's Textbook of Rheumatology has provided authoritative, in-depth guidance in rheumatology with an ideal balance of basic science and clinical application. The 11th Edition of this classic text continues this tradition of excellence, while keeping you abreast of recent advances in genetics and the microbiome, new therapies such as biologics and biosimilars, and other rapid changes in the field. It provides comprehensive, global coverage of all aspects of diagnosis, screening, and treatment in both adults and children, in a user-friendly, full color reference. Covers everything from basic science, immunology, anatomy, and physiology to diagnostic tests, procedures, and specific disease processes—including key data on therapeutic outcomes to better inform clinical decision making. Includes new chapters on Innate Lymphoid Cells and Natural Killer Cells, Pathogenesis of Inflammation Mediated Diseases, Bisphosphonates, Ultrasound Evaluation of the Musculoskeletal System, and Evaluation of Monoarticular and Polyarticular Arthritis. Features 1,200 high-quality illustrations, including superb line art, quick-reference tables, and full-color clinical photographs. Shares the knowledge and expertise of internationally renowned scientists and clinicians, including new editor Dr. Gary Koretzky, specialist in immunology and rheumatology. Demonstrates the complete musculoskeletal exam in online videos, including abnormal findings and the arthroscopic presentation of diseased joints.

The Eye in Pediatric Systemic Disease Alex V. Levin 2017-06-20 ??This book is the first of its kind to describe ocular manifestations of systemic diseases in the pediatric population. Written and edited by experts in areas of pediatric ophthalmology and genetics, this new text covers a multitude of topics in a comprehensive and cataloged fashion. The Eye in Pediatric Systemic Disease is designed as an in-depth and up-to-date reference work that is heavily referenced, thus allowing the reader ready access to the international supporting literature. Everything from ocular manifestations of hematologic disease, child abuse, psychiatric diseases, renal disorders, and vitamin disorders are covered, allowing readers to know what to look for in the eyes of children with a given systemic disorder. The Eye in Pediatric Systemic Disease is written in language that is accessible to ophthalmologists and pediatricians, as well as allied health care professionals.

Taylor and Hoyt's Pediatric Ophthalmology and Strabismus E-Book Scott R. Lambert 2016-09-14 New chapters, new editors and contributors make Taylor and Hoyt's Pediatric Ophthalmology and Strabismus, 5th Edition, the most current and complete reference available in this evolving field. Editors Scott R. Lambert and Christopher J. Lyons, both globally recognized leaders, provide authoritative coverage of all the pediatric ophthalmic conditions you're likely to encounter in practice, including the latest clinical advances in etiology, diagnosis, and medical and surgical management. Expert guidance on the complete spectrum of childhood eye disorders and strabismus, including a unique "practical problems" section designed to help you handle difficult patient situations. More than 1,800 high-quality images and artworks provide visual guidance in diagnosis and management. A practical "how to" perform strabismus surgery chapter with extensive step-by-step artworks for complete visual guidance. Consult this title on your favorite e-reader, conduct rapid searches, and adjust font sizes for optimal readability. Comprehensive updates of all topics, with nine brand-new chapters covering significant advances in the management of refractive errors in children; binocular vision; conjunctival tumors; optimal approaches to patient-family communication, and a unique chapter on the impact of mobile apps for the pediatric ophthalmologist. State-of-the-art coverage of key areas such as OCT and all of the newest imaging techniques for the eye, orbit and visual pathways; anti-VEGF treatment for retinopathy of prematurity; and minimally invasive strabismus surgery.

Best Practices and Challenges to the Practice of Rheumatology, An Issue of Rheumatic Disease Clinics of North America Daniel J. Wallace 2018-11-21 Guest edited by Drs. Daniel J. Wallace and R. Swamy Venuturupalli, this issue of Rheumatic Disease Clinics will cover several key areas of interest related to Best Practices and Challenges to the Practice of Rheumatology. This issue is one of four selected each year by our series Consulting Editor, Dr. Michael Weisman of Cedars-Sinai. Articles in this issue include, but are not limited to: The Economics of Rheumatology Practice in the United States, Manpower trends in rheumatology, Challenges to practicing rheumatology in an academic center, Challenges in practicing rheumatology in a government setting, Challenges to practicing rheumatology in a small private practice setting, Challenges to working in a large multispecialty organization, Challenges to practicing pediatric rheumatology, Clinical trials in rheumatology, Challenges in having an infusion center, Implementing treatment to target in the clinic, Future directions: implementing new technologies in clinical practice, Possible Challenges in Optimizing Medical Education for Rheumatologists, and the challenges of approaching and managing gout.

Medicine in a Day - E-Book Berenice Aguirrezabala Armbruster 2022-06-11 Medicine in a Day: Revision Notes for Medical Exams, Finals, UKMLA and Foundation Years covers all conditions in the UK Medical Licensing Assessment and more, within just one book! Prepared by a unique combination of authors – including early career stage doctors still close to what is required for exam success, expert educators and senior specialists – Medicine in a Day provides the trusted information you need most when time is short. Each chapter can be read in an hour, covering the medical and surgical specialties, Radiology, Anaesthetics and Critical Care, Emergency Medicine, Paediatrics, Obstetrics and Gynaecology, Psychiatry, Infectious Diseases, Clinical Epidemiology, commonly prescribed medications and more. The essential knowledge for each topic is presented simply and concisely, supported by bespoke illustrations. A large, carefully selected image collection reflects the views most commonly seen in exams, and includes X-rays, ECGs, CTs and clinical photographs, with dermatological conditions shown for diverse skin tones. Reach for Medicine in a Day when you need to study efficiently, prepare for medical exams, or refresh your memory at any stage of your career. The (printed) book also comes with access to the complete, downloadable eBook version, for easy quick reference, anytime, anywhere!

Advanced Technologies, Systems, and Applications IV -Proceedings of the International Symposium on Innovative and Interdisciplinary Applications of Advanced Technologies (IAT 2019) Samir Avdakovi? 2019-07-12 This book presents the scientific outcomes of the conference 11th Days of Bosnian-Herzegovinian American Academy of Arts and Sciences, held in Sarajevo, Bosnia and Herzegovina, June 20–23, 2019. Including innovative applications of advanced technologies, it offers a uniquely comprehensive, multidisciplinary and interdisciplinary overview of the latest developments in a broad range of technologies and methodologies, viewed through the prism of computing, networking, information technology, robotics, complex systems, communications, energy, mechanical engineering, economics and medicine, among others.

Global Perspectives on Childhood Obesity Debasish Bagchi 2019-02-06 Global Perspectives on Childhood Obesity: Current Status, Consequences and Prevention, Second Edition examines the current childhood obesity epidemic, outlines the consequences of this crisis, and develops strategies to forestall and prevent it. This book provides a thorough investigation of the causes of childhood obesity and, more importantly, offers specific prevention strategies that can be used by medical and mental health professionals, policymakers, community organizers, and individuals. New chapters on BMI and cardiovascular disease, exercise, neurotransmitters, neurocognition, nutrigenomics and combined prevention strategies are included, making this a solid introduction on the childhood obesity crisis. Researchers, practitioners, and advanced students in public health, health policy, and health economics, as well as those working in medicine, pharmacy, nutrition, school health, physiology, and neuroscience related to obesity will find this to be a comprehensive resource. Covers the multifaceted factors contributing to the rapidly growing childhood obesity epidemic Includes new chapters on BMI and cardiovascular disease, exercise, neurotransmitters, self-regulation, and prevention strategies Examines strategies for childhood obesity prevention and treatment, such as physical activity and exercise, personalized nutrition plans, and school and community involvement

The Science and Regulations of Naturally Derived Complex Drugs Ram Sasisekharan 2019-04-23 This volume in the AAPS Advances series covers various quality, safety and clinical aspects of drug development that are relevant to new and/or generic drugs containing a complex mixture of molecules. Specific topics discussed include: raw materials sourcing; manufacturing controls; characterization; identification of critical product quality components and attributes; identification of impurities, particularly as they bear on toxicity and immunogenicity; clinical trial study design considerations, and the regulatory science applications to development of such complex mixtures. Complex mixtures are challenging to characterize and analyze using standard methods. Further challenges extend throughout the product development cycle from raw material control to clinical study design. The regulatory landscape is rapidly changing as new types of complex mixtures are introduced into clinical trials and to the market (e.g., traditional Chinese medicines and medical marijuana products), while older products are facing generic competition for the first time (e.g., enoxaparin). The future outlook for complex generic drug products, as opposed to the more commonly developed targeted single agent drug products is not clear. The risks pertaining to lack of a full understanding of raw material control, process and controls in manufacture, as well as characterization of a complex mixture were seen vividly during the heparin crisis of 2008. As such powerful lessons have been learned about the regulatory science specific to complex products. The Science and Regulations of Naturally Derived Complex Drugs addresses the interests among industry, academics, and government on the issues surrounding the future development of mixtures for medicinal use.

Phytotechnology Wanderley Pereira Oliveira 2022-02-16 Herbal products have traditionally been used in several industrial sectors and have gained a notable reputation in recent years due to the current trend in society, which seeks natural, healthier, and more sustainable products. The processing of these products, however, is multiplex but important for the production of a high-quality standardised product. Phytotechnology: A Sustainable Platform for the Development of Herbal Products highlights the complex, multidisciplinary process of phytopharmaceutical technology used to create herbal remedies. Organised into four parts, various experts in the field clearly and objectively address the fundamental and technological concepts involved in the manufacturing of high-quality herbal products. Additional Features Emphasises how herbal products have traditionally been used in

several industrial sectors, including pharmaceutical science, food, cosmetics, chemical engineering, and agroindustry Provides a much-needed update of the current information regarding phytopharmaceutical technology and focuses on industrial applications Written using a multidisciplinary approach, to include all subjects involved in the processing of herbal products The information presented is valuable reference material for professionals of different specialties who wish to enter this fascinating and innovative area.

Controversies in Neuro-Ophthalmic Management Amanda D. Henderson 2021-06-25 This book functions as a resource for providers who treat patients with neuro-ophthalmic conditions. Using an evidence-based approach to controversial management decisions, the material is presented in a digestible, case-based format. Divided into six sections, the book begins with an introduction to its framework, format, and purpose. Following this, sections two, three, and four discuss various optic neuropathies, ocular motility disorders, and transient visual symptoms. The concluding sections then address neuro-ophthalmic manifestations of pain, including migraine and post-concussive syndrome, and systemic diseases, such as giant cell arteritis. Each chapter focuses on cases that are historically complex, or which have undergone a recent shift in traditional management due to new scientific discoveries or newly available therapies. *Controversies in Neuro-Ophthalmic Management* presents essential, thorough information on management options and the data for their use to provide the best care for patients.

Drugs and Society Hanson 2017-01-26 Updated to keep pace with the latest data and statistics, *Drugs and Society*, Thirteenth Edition, contains the most current information available concerning drug use and abuse. Written in an objective and user-friendly manner, this best-selling text continues to captivate students by taking a multidisciplinary approach to the impact of drug use and abuse on the lives of average individuals.

Exploration of the Physiological Effects of Exercise in Cardiovascular Diseases Markos Klonizakis 2020-11-18

Immunisation against infectious diseases David Salisbury 2006-12-11 This is the third edition of this publication which contains the latest information on vaccines and vaccination procedures for all the vaccine preventable infectious diseases that may occur in the UK or in travellers going outside of the UK, particularly those immunisations that comprise the routine immunisation programme for all children from birth to adolescence. It is divided into two sections: the first section covers principles, practices and procedures, including issues of consent, contraindications, storage, distribution and disposal of vaccines, surveillance and monitoring, and the Vaccine Damage Payment Scheme; the second section covers the range of different diseases and vaccines.

Marketing Moxie for Librarians: Fresh Ideas, Proven Techniques, and Innovative Approaches Paula Watson-Lakamp 2015-05-07 Fun and easy to read, this marketing and promotion guide offers you the "big picture" of how best to spend your limited funds and energy to create a successful marketing strategy—from traditional promotions such as advertising and posters to social media marketing. • Takes you through a step-by-step process of creating a marketing campaign that meets the needs of your patrons and your library • Covers conventional marketing strategies such as print and broadcast media along with new social media venues • Includes a guide to marketing plans and content calendars • Offers chapter-by-chapter "Moxie Tips and Tricks" to help you get started and succeed in marketing your library • Presents ways to bolster your creativity toolkit when the ideas just won't come

The Selection and Use of Essential Medicines World Health Organization 2015 This report presents the recommendations of the WHO Expert Committee responsible for updating the WHO Model Lists of Essential Medicines. The goal of the meeting was to review and update the 18th WHO Model List of Essential Medicines (EML) and the 4th WHO Model List of Essential Medicines for Children (EMLc). In accordance with approved procedures, the Expert Committee evaluated the scientific evidence on the basis of the comparative effectiveness, safety and cost effectiveness of the medicines. Both lists went through major revisions this year, as the Committee considered 77 applications, including 29 treatment regimens for cancer, and innovative hepatitis C and tuberculosis (TB) medicines. The Expert Committee recommended the addition of 36 new medicines to the EML (15 to the core list and 21 to the complementary list); and recommended the addition of 16 new medicines to the EMLc (five to the core list and 11 to the complementary list). Annexes to the main report include the revised version of the WHO Model List of Essential Medicines (19th edition) and the WHO Model List of Essential Medicines for Children (5th edition). In addition there is a list of all the items on the Model List sorted according to their Anatomical Therapeutic Chemical (ATC) classification codes.

Retinal Pharmacotherapeutics Q.D. Nguyen 2015-10-27 The use of pharmacotherapeutics in the management of retinal diseases is rapidly evolving, and a favorable therapy for the patient. Today anti-VEGF agents are used for a range of indications from inflammation-related choroidal neovascularization to macular edema secondary to retinal vein occlusion or diabetic retinopathy. Beyond VEGF, there is an array of target areas under investigation – not only for vascular pathologies such as age-related macular degeneration and diabetic eye disease, but also for degenerative, infectious and inflammatory retinal conditions. This publication discusses many aspects from basic research on the retina, to animal models for retinal drug delivery, retinal diseases that are amenable to pharmacotherapy and also drugs and mechanisms in retinal diseases. Anyone concerned with the management of retinal diseases - the general ophthalmologist and the retina specialist alike – will find this book indispensable reading.

Peyman's Principles & Practice of Ophthalmology N Venkatesh Prajna 2019-04-30 This two-volume set is a complete guide to the diagnosis and management of ophthalmic diseases and disorders. Volume One begins with an overview of basic sciences, ocular pathology, and clinical examination. The remainder of this volume and Volume Two discuss numerous diseases that may occur in different parts of the eye. The second edition has been fully revised and features many new topics including innovative techniques in cataract surgery, imaging modalities, pharmacotherapy, new surgical procedures, and much more. This comprehensive text is highly illustrated with nearly 1900 clinical photographs, radiological images, diagrams, tables and boxes. Key points Two-volume guide to diagnosis and management of ophthalmic disorders and diseases Fully revised, second edition with many new topics Highly illustrated with nearly 1900 photographs, diagrams and tables Previous edition (Vol 1 9780721672113 and Vol 2 9780721672120) published in 1980

Sport Injury Prevention Anatomy David Potach 2022-06-13 Develop a body that can withstand the rigorous pressures of competitive sport and physical activity! *Sport Injury Prevention Anatomy* offers you a detailed look into some of the most common sport injury conditions and the best exercises to help prevent their occurrence. Throughout the text, stunning full-color medical illustrations paired with the latest sport injury science guide you in reducing the likelihood of an injury before it happens. Reduce the risk of common injuries like ACL tears, shoulder instability, concussions, and strains of the hamstring and low back. The book's comprehensive coverage presents injuries by body segments—beginning with the head and neck and continuing all the way down through the lower leg and foot. *Sport Injury Prevention Anatomy* helps you design your own exercise programs by exploring the key components of an injury prevention program: needs analysis, exercise selection, training frequency, timing, and intensity and volume. Focusing on resistance training as an ideal injury prevention method, you'll find sample programming templates as well as advice on how to incorporate the various exercises into an existing training plan. You'll also learn the important role the warm-up plays in injury prevention and discover methods to prime your body for optimal performance. No one wants to be sidelined by injury. *Sport Injury Prevention Anatomy* provides you with the know-how to protect your body from damage and stay in competitive form. CE exam available! For certified professionals, a companion continuing education exam can be completed after reading this book. *Sport Injury Prevention Anatomy Online CE Exam* may be purchased separately or as part of the *Sport Injury Prevention Anatomy With CE Exam* package that includes both the book and the exam.

Primary Care Ophthalmology, An Issue of Primary Care: Clinics in Office Practice 42-3, Joel J. Heidelbaugh 2015-09-07 This issue of *Primary Care: Clinics in Office Practice*, Guest Edited by Dr. Joel J. Heidelbaugh, is devoted to Primary Care Ophthalmology. Dr. Heidelbaugh has assembled a group of expert authors to review the following topics: Approach to Red Eye for the Primary Care Practitioner; Ophthalmic Herpes/Shingles; Diabetic Retinopathy; Uveitis; Age-related Macular Degeneration; Glaucoma; Conjunctivitis; Corneal Abrasion; Strabismus; Cataract; Causes of Acute Visual Loss; and Flashes and Floaters.

ASA S3/SC1.4 TR-2014 Sound Exposure Guidelines for Fishes and Sea Turtles: A Technical Report prepared by ANSI-Accredited Standards Committee S3/SC1 and registered with ANSI Arthur N. Popper 2014-07-07 This Technical Report presents the outcome of a Working Group that was established to determine broadly applicable sound exposure guidelines for fishes and sea turtles. After consideration of the diversity of fish and sea turtles, guidelines were developed for broad groups of animals, defined by the way they detect sound. Different sound sources were considered in terms of their acoustic characteristics and appropriate metrics defined for measurement of the received levels. The resultant sound exposure guidelines are presented in a set of tables. In some cases numerical guidelines are provided, expressed in appropriate metrics. When there were insufficient data to support numerical values, the relative likelihood of effects occurring was evaluated, although the actual likelihood of effects depends on the received level. These sound exposure guidelines, which are based on the best scientific information at the time of writing, should be treated as interim. The expectation is that with more research the guidelines can be refined and more cells in the tables completed. Recommendations are put forward defining the research requirements of highest priority for extending these interim exposure guidelines.