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Handbook on Constructing Composite Indicators: Methodology and User Guide

OECD Publishing A guide for constructing and using composite indicators for policy makers, academics, the media and other interested parties. In particular, this handbook is concerned with indicators which compare and rank country performance.

The Infectious Diseases Manual

John Wiley & Sons The Infectious Diseases Manual is a concise and up-to-date guide to infectious diseases, medical microbiology and antibiotic prescribing "I have no hesitation in recommending this book to practitioners of all grades." Journal of Hospital Infection ".....a valuable companion.....should not be missing in any medical library." Infection "..... an excellent and extremely portable reference text..." Journal of Medical Microbiology WHY BUY THIS BOOK? Invaluable source of reference for day-to-day clinical use Integrated information about clinical infectious diseases, microbiology and antibiotic prescribing Clear and systematic layout using a standard format for each section allowing rapid access to key information

Manage Software Testing

CRC Press Whether you are inheriting a test team or starting one up, Manage Software Testing is a must-have resource that covers all aspects of test management. It guides you through the business and organizational issues that you are confronted with on a daily basis, explaining what you need to focus on strategically, tactically, and operationally. Using a risk-based approach, the author addresses a range of questions about software product development. The book covers unit, system, and non-functional tests and includes examples on how to estimate the number of bugs expected to be found, the time required for testing, and the date when a release is ready. It weighs the cost of finding bugs against the risks of missing release dates or letting bugs appear in the final released product. It is imperative to determine if bugs do exist and then be able to metric how quickly they can be identified, the cost they incur, and how many remain in the product when it is released. With this book, test managers can effectively and accurately establish these parameters.

The ADA Practical Guide to Substance Use Disorders and Safe Prescribing

John Wiley & Sons Dentists have been inundated by patients with an array of complicated medical conditions and pain/sedation management issues. This is in addition to a variety of legal regulations dentists must follow regarding the storage and recordkeeping of controlled substances. Avoid unknowingly putting your practice at risk by becoming victim to a scam or violating a recordkeeping requirement with The ADA Practical Guide to Substance Use Disorders and Safe Prescribing. This Practical Guide is ideal for dentists and staff as they navigate: • Detecting and deterring substance use disorders (SUD) and drug diversion in the dental office (drug-seeking patients) • Prescribing complexities • Treating patients with SUD and complex analgesic and sedation (pain/sedation management) needs and the best use of sedation anxiety medication • Interviewing and counselling options for SUD • Federal drug regulations Commonly used illicit, prescription, and over-the-counter drugs, as well as alcohol and tobacco, are also covered. Special features include: • Clinical tools proven to aid in the identification, interviewing, intervention, referral and treatment of SUD • Basic elements of SUD, acute pain/sedation management, and drug diversion • Summary of evidence-based literature that supports what, when and how to prescribe controlled substances to patients with SUD • Discussion of key federal controlled substance regulations that frequently impact dental practitioners • Checklists to help prevent drug diversion in dental practices • Chapter on impaired dental professionals • Case studies that examine safe prescribing and due diligence

Official (ISC)2® Guide to the CISSP®-ISSEP® CBK®

CRC Press The Official (ISC)2 Guide to the CISSP-ISSEP CBK provides an inclusive analysis of all of the topics covered on the newly created CISSP-ISSEP Common Body of Knowledge. The first fully comprehensive guide to the CISSP-ISSEP CBK, this book promotes understanding of the four ISSEP domains: Information Systems Security Engineering (ISSE); Certifica

Guidelines for the management of symptomatic sexually transmitted infections

World Health Organization The WHO global health sector strategy on sexually transmitted infections, 2016–2021, endorsed by the World Health Assembly in 2016, aims to eliminate STIs as a public health threat by 2030. In 2019, WHO published estimates of new cases of chlamydia, gonorrhoea, syphilis and trichomoniasis. Recent changes in the epidemiology of STIs and progress in prevention, diagnosis and treatment of STIs and HIV have necessitated changes in approaches to STI prevention and management. To address these STIs, the most widely used approach in clinical settings is the syndromic management of STIs. In most resource-limited settings, the syndromic management flow charts are still the standard of care where laboratory diagnosis is not available or is hard to access. The objectives of these guidelines are to provide updated, evidence-informed clinical and practical recommendations on the case management of people with symptoms of STIs; and to support countries in updating their national guidelines for the case management of people with symptoms of STIs. These guidelines include the management of symptomatic infections related to urethral discharge syndrome, including persistent urethral discharge syndrome; vaginal discharge syndrome, including persistent vaginal discharge; anorectal infection; genital ulcer disease syndrome; and lower abdominal pain syndrome. These guidelines are intended for programme managers for STI prevention and control at the national level and the health-care providers at the frontline – primary, secondary and tertiary health care.

Maternal Child Nursing Care - E-Book

Elsevier Health Sciences Master the essentials of maternity and pediatric nursing with this comprehensive, all-in-one text! Maternal Child Nursing Care, 7th Edition covers the issues and concerns of women during their childbearing years and children during their developing years. It uses a family-centered, problem-solving approach to patient care, with guidelines supported by evidence-based practice. New to this edition is an emphasis on clinical judgment skills and a new chapter on children with integumentary dysfunction. Written by a team of experts led by Shannon E. Perry and Marilyn J. Hockenberry, this book provides the accurate information you need to succeed in the classroom, the clinical setting, and on the Next Generation NCLEX-RN® examination. Focus on the family throughout the text emphasizes the influence of the entire family in health and illness. Expert authors of the market-leading maternity and pediatric nursing textbooks combine to ensure delivery of the most accurate, up-to-date content. Information on victims of sexual abuse as parents and human trafficking helps you prepare to handle these delicate issues. Nursing Alerts highlight critical information that could lead to deteriorating or emergency situations. Guidelines boxes outline nursing procedures in an easy-to-follow format. Evidence-Based Practice boxes include findings from recent clinical studies. Emergency Treatment boxes describe the signs and symptoms of emergency situations and provide step-by-step interventions. Atraumatic Care boxes describe how to manage pain and provide competent care to pediatric patients with the least amount of physical or psychological stress. Community Focus boxes emphasize community issues, provide resources and guidance, and illustrate nursing care in a variety of settings. Patient Teaching boxes highlight important information nurses need to communicate to patients and families. Cultural Considerations boxes describe beliefs and practices relating to pregnancy, labor and birth, parenting, and women's health. Family-Centered Care boxes draw

[attention to the needs or concerns of families that you should consider to provide family-centered care.](#)

Sexually Transmitted Diseases

Treatment guidelines

Contraceptive Technology

Expert Guide to Infectious Diseases

[ACP Press Heres the expert guidance practitioners need to diagnose and treat the most commonly encountered infections! This fully revised and updated New Edition keeps readers current with the latest etiologic agents, the most appropriate diagnostic tests, and the most effective management options. The 2nd Edition features new chapters on Antimicrobial Agents for the Primary Care Physician and Prosthetic Joint Infections.](#)

The Measurement of Scientific, Technological and Innovation Activities Frascati Manual 2015 Guidelines for Collecting and Reporting Data on Research and Experimental Development

Guidelines for Collecting and Reporting Data on Research and Experimental Development

[OECD Publishing The internationally recognised methodology for collecting and using R&D statistics, the OECD's Frascati Manual is an essential tool for statisticians and science and innovation policy makers worldwide. It includes definitions of basic concepts, data collection guidelines, and classifications](#)

Standard for Automatic Exchange of Financial Account Information in Tax Matters, Second Edition

[OECD Publishing This publication contains the following four parts: A model Competent Authority Agreement \(CAA\) for the automatic exchange of CRS information; the Common Reporting Standard; the Commentaries on the CAA and the CRS; and the CRS XML Schema User Guide.](#)

Measuring Productivity - OECD Manual Measurement of Aggregate and Industry-level Productivity Growth

Measurement of Aggregate and Industry-level Productivity Growth

[OECD Publishing This manual presents the theoretical foundations to productivity measurement, and discusses implementation and measurement issues.](#)

Formal Methods for Mobile Computing

5th International School on Formal Methods for the Design of Computer, Communication, and Software Systems, SFM-Moby 2005, Bertinoro, Italy, April 26-30, 2005, Advanced Lectures

[Springer Science & Business Media This book presents 8 tutorial survey papers by leading researchers who lectured at the 5th International School on Formal Methods for the Design of Computer, Communication, and Software Systems, SFM 2005, held in Bertinoro, Italy in April 2005. SFM 2005 was devoted to formal methods and tools for the design of mobile systems and mobile communication infrastructures. The 8 lectures are organized into topical sections on models and languages, scalability and performance, dynamic power management, and middleware support.](#)

Global Handbook of Quality of Life

Exploration of Well-Being of Nations and Continents

[Springer This handbook provides a comprehensive historical account of the field of Quality of Life. It brings together theoretical insights and empirical findings and presents the main items of global quality of life and wellbeing research. Worldwide in its scope of topics, the handbook examines discussions of demographic and health development, the spread of democracy, global economic accounting, multi-item measurement of perceived satisfaction and expert-assessed quality of life and the well-being of children, women and poor people. It looks at well-being in specific regions, including North and Sub-Saharan Africa, Asia, South America and Eastern and Western Europe. In addition to contributions by leading and younger authors, the handbook includes contributions from International Organizations about their own work with respect to social reporting.](#)

Health Reports

Sexually Transmitted Diseases

A Practical Guide for Primary Care

Springer Science & Business Media This practical guide covers the diagnosis and treatment of Sexually Transmitted Diseases (STDs) and other information critical to patient care in the new millennium. It provides the clinician with the ability to identify and manage Sexually Transmitted Infections (STIs), as well as obtain information about preventing their sequelae. Written by clinicians, this book is packed with evidence-based information steeped in years of practice.

Fundamentals of Nursing

The Art and Science of Person-Centered Care

Lippincott Williams & Wilkins Trusted for its holistic, case-based approach, Fundamentals of Nursing: The Art and Science of Person-Centered Nursing Care, 10th Edition, helps you confidently prepare the next generation of nursing professionals for practice. This bestselling text presents nursing as an evolving art and science, blending essential competencies—cognitive, technical, interpersonal, and ethical/legal—and instilling the clinical reasoning, clinical judgment, and decision-making capabilities crucial to effective patient-centered care in any setting. The extensively updated 10th Edition is part of a fully integrated learning and teaching solution that combines traditional text, video, and interactive resources to tailor content to diverse learning styles and deliver a seamless learning experience to every student.

Strengthening Forensic Science in the United States

A Path Forward

National Academies Press Scores of talented and dedicated people serve the forensic science community, performing vitally important work. However, they are often constrained by lack of adequate resources, sound policies, and national support. It is clear that change and advancements, both systematic and scientific, are needed in a number of forensic science disciplines to ensure the reliability of work, establish enforceable standards, and promote best practices with consistent application. Strengthening Forensic Science in the United States: A Path Forward provides a detailed plan for addressing these needs and suggests the creation of a new government entity, the National Institute of Forensic Science, to establish and enforce standards within the forensic science community. The benefits of improving and regulating the forensic science disciplines are clear: assisting law enforcement officials, enhancing homeland security, and reducing the risk of wrongful conviction and exoneration. Strengthening Forensic Science in the United States gives a full account of what is needed to advance the forensic science disciplines, including upgrading of systems and organizational structures, better training, widespread adoption of uniform and enforceable best practices, and mandatory certification and accreditation programs. While this book provides an essential call-to-action for congress and policy makers, it also serves as a vital tool for law enforcement agencies, criminal prosecutors and attorneys, and forensic science educators.

Introduction to Community-based Nursing

Lippincott Williams & Wilkins This text presents foundational concepts pivotal to delivering nursing care in the community setting, with specific attention to the NLN competencies for community-based nursing care. The author examines the variety of settings and situations in which the community-based nurse provides care, highlighting cultural diversities in the patient populations, and emphasizing interactions between the individual and the family. This edition includes more information on disaster management and communicable diseases and expanded, updated Medicare/Medicaid guidelines. A companion Website on thePoint will include student activities, assessment guidelines, and forms. Instructors will have access to an Instructor's Manual, PowerPoint slides, and an expanded testbank.

ABC of Sexually Transmitted Infections

John Wiley & Sons With sexually transmitted infections (STIs) a major cause of morbidity and mortality throughout the world, the new edition of ABC of Sexually Transmitted Infections is a much-needed introduction and reference guide providing concise and practical information on a range of conditions. This sixth edition includes the latest guidance on the prevalence, prevention and treatment of STIs, screening programmes and new testing methods. It features new chapters on service modernisation and new care providers, high risk and special needs groups, the use of the internet for information and education, systemic manifestations and sexually transmitted infections in resource-poor settings. Contraception is also covered, reflecting the increasing integration of STI and contraceptive services. With an international authorship, the ABC of Sexually Transmitted Infections is an authoritative guide and reference for all practitioners, especially those providing community based STI diagnosis and management such as GPs, primary care physicians and contraceptive service providers. Junior doctors, medical students, and nurses working in community or specialist services will also find it a valuable resource as will those working in the fields of obstetrics and gynaecology and public health. This new edition also provides information useful for new STI care providers such as pharmacists, those in the voluntary sector and providers of STI services in resource-poor settings.

The Measurement of Scientific, Technological and Innovation Activities Oslo Manual 2018 Guidelines for Collecting, Reporting and Using Data on Innovation, 4th Edition

Guidelines for Collecting, Reporting and Using Data on Innovation, 4th Edition

OECD Publishing What is innovation and how should it be measured? Understanding the scale of innovation activities, the characteristics of innovative firms and the internal and systemic factors that can influence innovation is a prerequisite for the pursuit and analysis of policies aimed at fostering innovation.

Basics in Adolescent Medicine

A Practical Manual of Signs, Symptoms and Solutions

World Scientific This practical manual reviews salient topics in Adolescent Medicine. The volume is practitioner-centered, focusing on the symptoms that bring a teenager to the clinician. Every chapter begins with a very brief clinical vignette, highlighting the patient's chief complaint or primary issue of concern. The handbook is divided into five primary sections: (1) Well Adolescent Care to include chapters such as the Annual Physical and Immunizations in Adolescence; (2) Common Problems of Adolescence such as Acne and Low Back Pain; (3) Reproductive Health Care issues such as Menstrual Disorders and Teen Pregnancy/Options Counseling; (4) Urgent Care matters including Acute Chest Pain and Scrotal Pathology: Pain and Masses; and finally, (5) Special Considerations to include chapters such as Cyberbullying and Sexting and Tobacco Use and Cessation Counseling. Chapters follow a uniform format with vignette as described above, followed by multiple choice questions designed to test the readers knowledge. Salient features related to the chapter topic follow, including relevant clinical "pearls" such as history, physical exam, laboratory and diagnostic studies and treatment strategies. For each chapter, issues that are unique to managing illness in adolescents are highlighted to distinguish them from adults and younger children. When applicable, a broad differential diagnosis is provided to help guide the reader. Easy to read tables are included to highlight and clearly summarize key aspects of the topic and the chapters end with answers to the Board-Style questions presented at the start. Contents:Well Adolescent Care:The Annual Physical (Krishna White and Rita Hagler)Adolescent Consent and Confidentiality (Kirsten B Hawkins)Normal Nutrition through Adolescence (Erin Wolf-Barnett)Immunizations in Adolescents (Lawrence J D'Angelo)Taking Care of Adolescent Males (Daniel E Korin)Taking Care of Lesbian, Gay, Bisexual, Transgender and Questioning (LGBTQ) Teens (William M Barnes and David S Reitman)The Pre-Participation Sports Physical (Nailah Coleman)Sports Supplements (Gregg Joseph Montalto)Adolescent Driving (Tiffany L Meyer)The Transition to College (Isabel Goldenberg and Harshita J Saxena)The Adolescent Traveler and Immigrant (Natwarlal Shah)Common Problems:Short Stature/Delayed Onset of Puberty (Karen Bernstein)Tall Stature (Karen Bernstein)Abnormal Weight Gain (Harshita J Saxena)Abnormal Weight Loss/Malnutrition (Tomas J Silber)Bulimia (Rosina Pellerano)Anemia (Carleen Townsend-Akpan)Headaches: Common, Chronic and Recurrent (Stephanie Addison)Bell's Palsy (7th Nerve or Facial Nerve Palsy) (Jonathan Fanburg)Asthma, Exercise Induced Bronchospasm (EIB) and Vocal Cord Dysfunction (VCD) (Anthony P Acquavella)Gynecomastia (Amy L Weiss)Recurrent or Chronic Abdominal Pain (Oscar Taube)Constipation and Encopresis (Promise Ahlstrom)Enuresis (Promise Ahlstrom)Dysuria, Urinary Tract Infections and Pyelonephritis (Amy E Klamburg)Proteinuria (Lawrence J D'Angelo)Hematuria (Lawrence J. D'Angelo)Low Back Pain (Alan Morrison)Sports Medicine: Musculoskeletal Injuries (Nailah Coleman)Acne (Karen Rosewater and Harshita J Saxena) Vague Somatic Complaints (Tomas J Silber)Sleep Disorders (Jose J Casas-Rivero)Tics and Tourette Syndrome (Jonathan Fanburg)Attention Deficit Hyperactivity Disorder (ADHD) (Barbara K Snyder)Anxiety Disorders (Michele D Wilson)Depression (Michele D Wilson)Reproductive Health Care:Breast Pathology: Masses and Nipple Discharge (Amy L Weiss)Dysmenorrhea, PMS and PMDD (Nneka A Holder)Amenorrhea (Maria Trent)Vaginal Bleeding (Maria Trent)Vaginal Discharge (Karen E Simpson)Pelvic Inflammatory Disease (PID)/Tuboovarian Abscess (TOA) (Avril Melissa Houston)Urethritis in Males (Karen E Simpson)Genital Warts: Condylooma Accuminata (Liana R Clark)Genital Ulcer Syndrome (GUS) (Avril Melissa Houston)Condoms (Mariana Kastrinakis)Hormonal Contraception (Evelyn Simpkins Evans)Emergency Contraception (EC) (Jennifer Maehr)Teen Pregnancy and Options Counseling (Karen Soren)Urgent Care:Heat Exhaustion and Heat Stroke (Noel V Pesce)Syncope (Rick Place)Concussion and Post Concussion Syndrome (Michael A Lee)Acute Chest Pain (Dana Kornfeld and Rick Place)Acute Abdominal Pain (Rick Place)Hematemesis (Leslie A Hayes)Bloody Stools: Melena or Hematochezia (Leslie A Hayes)Scrotal Pathology: Pain and Masses (David S Reitman)Hip Pain and Limping (Elizabeth G Cius)Neurological Emergencies: Severe Headaches, Weakness, Incoordination and Altered Mental Status (Rick Place)Seizures (Robyn Miller)Adolescent Sexual Assault/Rape (KathyWoodwar)The Suicidal Adolescent (Maureen E Lyon)Special Care:Chronic Illness and Adherence to Treatment (Daniel N Davidow)Difficult Conversations: Bad News, Disclosure and Advance Directives (Donna Marschall)Screening for Violence and Abuse (Anisha Abraham)Cyberbullying and Sexting (Sadhana Dharmapuri)Tobacco Use and Cessation Counseling (Brooke Bokor)Substance Use and Abuse (David S Reitman and Gregg Joseph Montalto)Judicious Use of Psychopharmacologic Agents (Daniel N Davidow) Readership: Medical students, residents, fellows and other health care professionals in training (such as nurse practitioners and physician's assistants) on their Adolescent Medicine rotations; physicians such as internists, general and family practitioners or pediatricians. Key Features:Information is rapidly accessible. Uses bulleted lists format (as opposed to dense textbook paragraphs) and easy to read tables to allow for quick review in real time (while the clinician is with their patient)Interspersed multiple choice questions will enable readers to test their knowledge as they progress through the handbook. These questions, stylized after standard board questions, will thereby serve clinicians in real time while delivering patient care, but also serve as board-review material as students/clinicians prepare for in-service or board examinations for school or licensureRather than a rapidly aging bibliography, the volume provides a wide array of responsible web resources for the clinician to accessKeywords:Adolescent Medicine;Common Complaints;Screening;Assessments;Treatment Strategies;Practical Manual;Rapid Access Information;Multiple-Choice Board Style Questions

Gantz's Manual of Clinical Problems in Infectious Disease

Lippincott Williams & Wilkins Gantz's Manual of Clinical Problems in Infectious Disease Sixth Edition Since publication of the First Edition in 1979, much has changed in the way we view, diagnose, and treat infectious diseases. The Sixth Edition of this respected reference focuses on challenging clinical situations faced by practitioners of all levels who deal with infectious diseases. The latest advances in the field are covered--from descriptions of newly recognized infectious agents, to the latest diagnostic tests and emerging treatments. Topics of interest include: diagnostic and resistance testing in patients with AIDS, management of West Nile virus, malaria in travelers, pacemaker-related infections, needlestick injuries in healthcare workers, antibiotic dosing of obese patients, interpretation of MICs, and planning for bioterrorism defense. Look inside and discover... * Actionable information from respected authors focused on the areas that trainees most often find challenging. * Thoroughly revised and updated content--virtually all chapters are new to this edition. * Selected annotated references focus on papers that provide clinical guidance. * Problem-oriented approach promotes critical thinking. Pick up your copy today!

Successful Health & Safety Management

The costs of failure to manage health and safety successfully are high. This manual was prepared by HSE's Accident Prevention Advisory Unit as a practical guide for directors, managers and health and safety professionals intent on improving health and safety performance. The advice given here will be increasingly used by HSE inspectors as a basis for testing the performance of organizations against the general duties of the Health and Safety at Work etc Act 1974.

Guide for the Care and Use of Laboratory Animals

Eighth Edition

National Academies Press A respected resource for decades, the Guide for the Care and Use of Laboratory Animals has been updated by a committee of experts, taking into consideration input from the scientific and laboratory animal communities and the public at large. The Guide incorporates new scientific information on common laboratory animals, including aquatic species, and includes extensive references. It is organized around major components of animal use: Key concepts of animal care and use. The Guide sets the framework for the humane care and use of laboratory animals. Animal care and use program. The Guide discusses the concept of a broad Program of Animal Care and Use, including roles and responsibilities of the Institutional Official, Attending Veterinarian and the Institutional Animal Care and Use Committee. Animal environment, husbandry, and management. A chapter on this topic is now divided into sections on terrestrial and aquatic animals and provides recommendations for housing and environment, husbandry, behavioral and population management, and more. Veterinary care. The Guide discusses veterinary care and the responsibilities of the Attending Veterinarian. It includes recommendations on animal procurement and transportation, preventive medicine (including animal biosecurity), and clinical care and management. The Guide addresses distress and pain recognition and relief, and issues surrounding euthanasia. Physical plant. The Guide identifies design issues, providing construction guidelines for functional areas; considerations such as drainage, vibration and noise control, and environmental monitoring; and specialized facilities for animal housing and research needs. The Guide for the Care and Use of Laboratory Animals provides a framework for the judgments required in the management of animal facilities. This updated and expanded resource of proven value will be important to scientists and researchers, veterinarians, animal care personnel, facilities managers, institutional administrators, policy makers involved in research issues, and animal welfare advocates.

Textbook of Family Medicine

Elsevier Health Sciences 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.

Textbook of Family Medicine E-Book

Elsevier Health Sciences 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.

Maternal Child Nursing Care in Canada - E-Book

Elsevier Health Sciences Featuring the most accurate, current, and clinically relevant information available, Perry's Maternal Child Nursing Care in Canada combines essential maternity and pediatric nursing information in one text. Comprehensive coverage includes promotion of wellness and the care for persons experiencing common health concerns throughout the lifespan, care in childbearing, as well as the health care of children and child development in the context of the family. Health concerns, including physiological dysfunctions and special needs and illnesses, are also featured. This text provides a family-centred care approach that recognizes the importance of collaboration with families when providing care. Medication Alerts stress medication safety concerns for better therapeutic management. Safety Alerts highlighted and integrated within the content draw attention to developing competencies related to safe nursing practice. Research Focus boxes identify best practices by presenting evidence and how to apply the knowledge learned. Atraumatic Care boxes in the pediatric unit teach you how to provide competent and effective care to pediatric patients with the least amount of physical or psychological stress. Community Focus boxes emphasize community issues, supply resources and guidance, and illustrate nursing care in a variety of settings. Clinical reasoning case studies offer you opportunities to test and develop your analytical skills and apply knowledge in various settings. Cultural Awareness boxes explore beliefs and practices about pregnancy, childbirth, parenting, women's health concerns, and caring for sick children. Evidence-Informed Practice boxes highlight findings that confirm effective practices or that identify practices with unknown, ineffective, or harmful effects. Emergency boxes alert you to emergency situations and guide you step-by-step through emergency procedures. Family-Centred Care boxes highlight the needs or concerns of families that you should consider in providing family-centred care. Guidelines boxes outline nursing procedures in an easy-to-follow format. Home Care boxes detail important information that you need to deliver care to patients and families in the home setting. Medication Guide boxes include key information about medications used in maternity and newborn care, including their indications, adverse effects, and nursing considerations. Patient Teaching boxes assist you in helping patients and families become involved in their own care with optimal outcomes.

Communicating Risks and Benefits

An Evidence Based User's Guide

Government Printing Office Effective risk communication is essential to the well-being of any organization and those people who depend on it. Ineffective communication can cost lives, money and reputations. Communicating Risks and Benefits: An Evidence-Based User's Guide provides the scientific foundations for effective communications. The book authoritatively summarizes the relevant research, draws out its implications for communication design, and provides practical ways to evaluate and improve communications for any decision involving risks and benefits. Topics include the communication of quantitative information and warnings, the roles of emotion and the news media, the effects of age and literacy, and tests of how well communications meet the organization's goals. The guide will help users in any organization, with any budget, to make the science of their communications as sound as the science that they are communicating.

Manual of Gender Dermatology

Jones & Bartlett Publishers The Manual of Gender Dermatology is a research-based guide to the mechanisms of gender differentiation for common dermatologic conditions. Key topics include hormonal differences, genetic background, gender psychology, environmental effects, and a wide range of skin disorders that may have a gender bias. Written by experts in the fields of dermatology and cutaneous biology, this is an essential resource for practicing dermatologists and family practitioners, as well as for physician extenders, nurses, and students.

Color Atlas & Synopsis of Sexually Transmitted Diseases, Third Edition

McGraw-Hill Education / Medical An unmatched collection of full-color clinical images of common and rare sexually transmitted diseases More than 200 full-color photographs From the author's extensive private collection of clinical photographs comes the latest edition of this classic atlas of sexually transmitted diseases. The third edition of Color Atlas & Synopsis of Sexually Transmitted Diseases offers a succinct outline presentation that features color photographs for each disorder, accompanied by a concise overview of epidemiology, clinical manifestations, the physical examination, diagnosis and management, and prevention. Coverage of each condition includes one more clinical case studies. Color Atlas & Synopsis of Sexually Transmitted Diseases, 3e includes about twenty percent new photographs, and the text has been entirely rewritten to include the latest information on epidemiology and treatment. A new chapter reviews the global epidemiology of HIV and AIDS as well as other STDs, and the chapter on HIV and AIDS has been substantially expanded. You will also find an important overview section on the clinical approach to patients with STDs. While written primarily for the clinician, it is an excellent resource for patient education and for nonprofessionals interested in STDs. This unique atlas covers: Bacterial sexually transmitted diseases Viral sexually transmitted diseases Clinical syndromes An outstanding clinical guide to confirm your next diagnosis and a quick source of up-to-date information on tests and treatment. Color Atlas & Synopsis of Sexually Transmitted Diseases, 3e offers a collection of images that cannot be duplicated in print or online.

MITRE Systems Engineering Guide

Clinical Manual of Emergency Pediatrics

Cambridge University Press User-friendly handbook providing critical guidance at point of care; for practitioners and trainees caring for sick and injured children.

Primary Care for the Physical Therapist Examination and Triage

Elsevier Health Sciences Specifically designed to address the expanding role of physical therapists in primary care, *Primary Care for the Physical Therapist: Examination and Triage, 3rd Edition* covers all the information and skills you need to be successful in the field. Updated content throughout the text helps you stay up to date on the best practices involving patient examination, medical screening, patient management, and communication. This new third edition also features a new chapter on electrodiagnostic testing, a new chapter on patients with a history of trauma, and updated information on how to screen and examine the healthy population. It's a must-have resource for any physical therapist wanting to obtain the technical expertise and clinical decision-making abilities to meet the challenges of a changing profession. Tailored content reflects the specific needs of physical therapists in primary care. Emphasis on communication skills underscores this essential aspect of quality patient care. Overview of the physical examination is provided in the text to ground therapists in the basis for differential diagnosis and recognizing conditions. NEW! Updated content throughout the text reflects the current state of primary care and physical therapy practice. NEW! New chapter on electrodiagnostic testing helps familiarize physical therapists with indications for electrodiagnostic testing and implications of test results to their clinical decision-making. NEW! New chapter on patients with a history of trauma emphasizes the red flags that physical therapists need to recognize for timely patient referral for appropriate tests. NEW! Updated information on how to screen and examine the healthy population enhances understanding of the foundations of practice and the role that physical therapists can fill in primary care models.

Maternal Child Nursing Care

Elsevier Health Sciences Written by the foremost experts in maternity and pediatric nursing, *Maternal Child Nursing Care, 5th Edition* offers the accurate, practical information you need to succeed in the classroom, the clinical setting, and on the NCLEX® examination. This new edition offers numerous content updates throughout the text to keep you up-to-date on the latest topics and best practices. Plus hundreds of illustrations, alert boxes, and tables clarify key content and help you quickly find essential information. Atraumatic Care boxes in the pediatric unit teach you how to provide competent and effective care to pediatric patients with the least amount of physical or psychological stress. Community Focus boxes emphasize community issues, supply resources and guidance, and illustrate nursing care in a variety of settings. Critical thinking case studies offer opportunities to test and develop your analytical skills and apply knowledge in various settings. Emergency boxes in the maternity unit guide you through step-by-step emergency procedures. Expert authors of the market-leading maternity and pediatric nursing textbooks combine to ensure delivery of the most accurate, up-to-date content. Family-Centered Care boxes highlight the needs or concerns of families that you should consider to provide family-centered care. NEW! Content updates throughout the text give you the latest information on topics such as the late preterm infant, fetal heart rate pattern identification, obesity in the pregnant woman, shaken baby syndrome/traumatic brain injury, Healthy People 2020, car restraints, immunizations, and childhood obesity. NEW! Updated Evidence-Based Practice boxes including QSEN KSAs (knowledge, skills, attitudes) provide the most current practice guidelines to promote quality care. NEW! Medication Alerts stress medication safety concerns for better therapeutic management. NEW! Safety Alerts highlighted and integrated within the content draw attention to developing competencies related to safe nursing practice.

Synchronous data acquisition with wireless sensor networks

Universitätsverlag der TU Berlin Wireless sensor networks (WSN) are predicted to play a key role in future technological developments like the internet of things. Already they are beginning to be used in many applications not only in the scientific and industrial domains. One of the biggest challenges, when using WSN, is to fuse and evaluate data from different sensor nodes. Synchronizing the data acquisition of the nodes is a key enabling factor for this. So far research has been focused on synchronizing the clocks of the nodes, largely neglecting the implications for the actual measurement results. This thesis investigates the relation between synchronization accuracy and quality of measurement results. Two different classes of time synchronous data acquisition are investigated: event detection and waveform sampling. A model is developed that describes a WSN as a generic multi-channel data acquisition system, thus enabling direct comparison to other existing systems. With the help of this model it is shown, that synchronization accuracy should best be expressed as uncertainty of the acquired timing information. This way, not only the contribution of the synchronization to the overall measurement uncertainty can be assessed, but also the synchronization accuracy required for an application can be estimated. The insights from the uncertainty analysis are used to develop two distinct approaches to synchronous data acquisition: a proactive and a reactive one. It is shown that the reactive approach can also be used to efficiently implement synchronous angular sampling, i.e. data acquisition synchronous to the rotation of a machine's shaft. Furthermore, testing methods are suggested, that evaluate the synchronized data acquisition of an existing WSN as a whole. These methods can be applied to other data acquisition systems without changes, thus enabling direct comparisons. The practical realization of a WSN is described, on which the developed data acquisition methods have been implemented. All implementations were thoroughly tested in experiments, using the suggested testing methods. This way it was revealed, that a system's interrupt handling procedures may have a strong influence on the data acquisition. Furthermore, it was shown that the effective use of fixed-point arithmetic enables synchronous angular sampling in real-time during a streaming measurement. Finally, two application examples are used to illustrate the utility of the implemented data acquisition: the acoustic localization of two sensor nodes on a straight line and a simple order tracking at an induction motor test bench. Diese Dissertation untersucht die Zusammenhänge zwischen Synchronisationsgenauigkeit und Qualität der Messergebnisse. Zwei Klassen von zeitsynchroner Datenerfassung werden dabei betrachtet: die Detektion von Ereignissen und die Aufnahme von Kurvenformen. Es wird ein Modell entwickelt, welches ein WSN als ein allgemeines mehrkanaliges Datenerfassungssystem beschreibt. Dies ermöglicht den direkten Vergleich zwischen WSN und anderen Messsystemen. Weiter wird mit Hilfe des Modells gezeigt, dass die Synchronisationsgenauigkeit vorzugsweise als Unsicherheit der Zeitinformation angegeben werden sollte. Hierdurch kann nicht nur der Beitrag der Synchronisation zur gesamten Messunsicherheit bestimmt sondern auch die von einer Anwendung tatsächlich benötigte Synchronisationsgenauigkeit abgeschätzt werden. Ausgehend von den durch die Unsicherheitsbetrachtung gewonnenen Erkenntnissen werden ein proaktiver und ein reaktiver Ansatz zur synchronen Datenaufnahme entwickelt. Mit dem reaktiven Ansatz können Messdaten auch effizient drehwinkelsynchron, d. h. synchron zur Drehbewegung einer Maschinenwelle, aufgenommen werden. Es werden Testverfahren vorgeschlagen, mit denen sich die Synchronizität der Datenerfassung für ein WSN als Ganzes überprüfen lässt. Diese Verfahren lassen sich unverändert auf andere Messsysteme anwenden und ermöglichen somit direkte Vergleiche. Es wird die praktische Umsetzung eines WSN beschrieben, auf dem die entwickelten Methoden zur Datenerfassung implementiert wurden. Alle Implementierungen wurden mit den vorgeschlagenen Testverfahren untersucht. Hierdurch konnte gezeigt werden, dass die Interrupt-Bearbeitung der Sensorknoten entscheidenden Einfluss auf die Messdatenerfassung hat. Weiter konnte durch den Einsatz von Fixed-Punkt-Arithmetik die drehwinkelsynchrone Datenerfassung in Echtzeit realisiert werden. Schließlich wird die Nützlichkeit der implementierten Datenerfassung an zwei Anwendungen gezeigt: der akustischen Ortung zweier Sensorknoten sowie einer einfachen Ordnungsanalyse.

Essentials of Pediatric Emergency Medicine

Brush Education Provide the best care for young patients with this essential reference. - Sharpen your practice with a guided approach to pathophysiology, history taking, physical examinations, diagnostic imaging, differential diagnoses, and treatment options. - Keep a comprehensive review of common pediatric emergencies at your fingertips. Find what you need quickly and easily in clear, bulleted points. - Sharpen your readiness for board exams with this valuable supplemental resource. This high-yield resource provides residents and physicians with a powerful tool to help diagnose and treat the most common pediatric emergencies. Whether you're a clinician staying current with the latest information or a resident studying for your board exams, *Essentials of Pediatric Emergency Medicine* will help you stay on top of your field. Sections include: General Assessment and Management; Acute Presentations; Cardiac Emergencies; Neurologic Emergencies; Respiratory Emergencies; Musculoskeletal Emergencies; Endocrine Emergencies; Hematology/Oncology Emergencies; Rheumatological Emergencies; Infectious Disease Emergencies; Ophthalmology Emergencies; Dermatology Emergencies; Otorhinolaryngology Emergencies; Gastrointestinal Emergencies; Neonatal Emergencies; Genitourinary Emergencies; Renal Emergencies; Trauma; Toxicology; and Environmental Emergencies.

The Open Group Architecture Framework TOGAF Version 9

Van Haren The Open Group Architecture Framework (TOGAF) is a framework a detailed method and a set of supporting tools for developing an enterprise architecture, developed by members of The Open Group Architecture Forum (www.opengroup.org/architecture). As a comprehensive, open method for enterprise architecture, TOGAF Version 9 complements, and can be used in conjunction with, other frameworks that are more focused on specific aspects of architecture or for vertical sectors such as Government, Defense, and Finance. TOGAF may be used freely by any organization wishing to develop an enterprise architecture for use within that organization (subject to the Conditions of Use). This book is divided into seven main parts: PART I (Introduction) This part provides a high-level introduction to the key concepts of enterprise architecture and in particular the TOGAF approach. It contains the definitions of terms used throughout TOGAF and release notes detailing the changes between this version and the previous version of TOGAF. PART II (Architecture Development Method) This is the core of TOGAF. It describes the TOGAF Architecture Development Method (ADM) a step-by-step approach to developing an enterprise architecture. PART III (ADM Guidelines & Techniques) This part contains a collection of guidelines and techniques available for use in applying TOGAF and the TOGAF ADM. PART IV (Architecture Content Framework) This part describes the TOGAF content framework, including a structured metamodel for architectural artifacts, the use of re-usable architecture building blocks, and an overview of typical architecture deliverables. PART V (Enterprise Continuum & Tools) This part discusses appropriate taxonomies and tools to categorize and store the outputs

of architecture activity within an enterprise. PART VI (TOGAF Reference Models) This part provides a selection of architectural reference models, which includes the TOGAF Foundation Architecture, and the Integrated Information Infrastructure Reference Model (III-RM). PART VII (Architecture Capability Framework) This part discusses the organization, processes, skills, roles, and responsibilities required to establish and operate an architecture function within an enterprise.

Multicriteria Analysis in Agriculture

Current Trends and Recent Applications

Springer This book outlines the latest trends in the use of multicriteria analysis in agriculture by highlighting recent applications for modeling agricultural decision-making. It introduces specific case studies using multicriteria analysis as a method for selecting multiattribute discrete alternatives or solving multiobjective planning problems. The book is intended for a broad readership, including agricultural and environmental economists, engineers and all scientists whose work involves the management of agricultural resources and decision-making in agriculture. The methods and applications presented in this book cover decision-making processes in agricultural and environmental contexts. The methodologies described consider multiple criteria simultaneously in a wide range of complex decision-making contexts by taking into account multiple, conflicting criteria. Given the wide range of case studies covered, the book offers a comprehensive guide to decision-making in the agricultural context and beyond.