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Cardiovascular and Pulmonary Physical Therapy - E-Book
Advances in Abrasive Technology XIMosby's Drug Guide for Nursing Students - E-Book
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Updates in HIV and AIDS: Part II, An Issue of Infectious Disease Clinics, E-Book
Saunders Nursing Drug Handbook 2015 - E-Book
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All-In-One Care Planning Resource - E-Book
Advanced Medical Life Support
Sandra Smith's Review for NCLEX-PN
Introduction to Maternity and Pediatric Nursing - E-Book
New Approaches to the Governance of Natural Resources
Rennie & Roberton's Textbook of Neonatology E-Book

2014 Intravenous Medications - E-Book

Ferri's Clinical Advisor is the fastest, most effective way to access current diagnostic and therapeutic information on more than 700 common medical conditions. Dr. Fred Ferri's popular "5 books in 1" format provides quick guidance on menorrhagia, Failure to Thrive (FTT), Cogan's syndrome, and much more. Now featuring expanded online components, it makes the answers you need for your family practice even easier to find - anytime, anywhere. Rapidly find the answers you need with separate sections on diseases and disorders, differential diagnosis, clinical algorithms, laboratory results, and clinical preventive services, plus an at-a-glance format that uses cross-references, outlines, bullets, tables, boxes, and algorithms to expedite reference. Review normal values and interpret results for more than 200 lab tests. Get the insurance billing codes you require, including ICD-9-CM codes, to expedite insurance reimbursements. Improve your family

healthcare practice's efficiency with cost-effective referral and consultation guidelines. Identify and treat a broader range of disorders, including renal and epidural abscess and cardio-renal syndrome, with 23 new topics in the Diseases & Disorders section. Improve your interpretation of presenting symptoms with 39 new topics in the Differential Diagnosis section, and optimize patient care with 12 new tables in the Clinical Practice Guidelines section. Rapidly find the answers you need with separate sections on diseases and disorders, differential diagnosis, clinical algorithms, laboratory results, and clinical preventive services, plus an at-a-glance format that uses cross-references, outlines, bullets, tables, boxes, and algorithms to expedite reference. Get the insurance billing codes you require for your family healthcare practice with ICD-9-CM codes, to expedite insurance reimbursements. Access full-color images and 65 online-only topics at Expert Consult, as well as online-only contents including EBMs, Suggested Reading, Patient Teaching Guides, and additional algorithms.

Cardiovascular and Pulmonary Physical Therapy - E-Book

The #1 IV drug handbook for 40 years, *Intravenous Medications: A Handbook for Nurses and Health Professionals* is trusted for its accuracy and comprehensive coverage. Whether you prefer the portable print version or the convenient electronic format, this new edition provides essential data on administering more than 350 intravenous (IV) drugs, entries for new IV drugs recently approved by the

FDA, hundreds of new drug facts, a detailed index of generic and trade names and more — all alphabetically organized to help you find drug information quickly and easily. UNIQUE! Published annually to ensure you have essential information on the most recently approved IV drugs as well as updated information on existing drugs. UNIQUE! Contains thorough coverage of more than 350 IV drugs — supplying you with far more than any other comparable handbook. UNIQUE! Time-tested page layout keep all dosage information for each drug on either a single page or a two-page spread to prevent hand contamination by having to turn a page. Consistent, easy-to-use format provides all the essential clinical information you need on IV drug administration. Lists IV drugs alphabetically by generic name for quick clinical reference. Updated IV drug dilution and dosage charts within monographs provide quick access to essential information. Special sections highlight dosage variances for geriatric, pediatric, infant, and neonatal patients. Black Box Warnings, screening, and highlighting make locating key information quick and easy. Printed thumb tabs help you find information faster. "A companion website at <http://evolve.elsevier.com/IVMeds/> provides alerts, monographs for selected agents not included in the book, a step-by-step tutorial for calculating IV drug dosages, IV drug dosage calculators, interactive IV drug dosage examples, printable general dilution and solution compatibility charts, and more." NEW! Four new drug monographs provide you with current, clinically relevant drug information for new IV drugs recently approved by the FDA. NEW! Updated drug monographs reflect the latest changes in IV drug therapy.

Advances in Abrasive Technology XI

More than two million medical students, doctors and other health professionals from around the globe have owned a copy of Davidson's Principles and Practice of Medicine since it was first published. Today's readers rely on this beautifully illustrated text to provide up-to-date detail of contemporary medical practice, presented in a style that is concise and yet easy to read. Davidson's provides the factual knowledge required to practise medicine, explaining it in the context of underlying principles, basic science and research evidence, and shows how to apply this knowledge to the management of patients who present with problems rather than specific diseases. The book has won numerous prizes including being highly commended in the British Medical Association book awards. Davidson's global perspective is enhanced by the input of an international team of authors and a distinguished International Advisory Board from 17 countries. Building on the foundations laid down by its original editor, Davidson's remains one of the world's leading and most respected textbooks of medicine. The underlying principles of medicine are described concisely in the first part of the book, and the detailed practice of medicine within each sub-specialty is described in later system-based chapters. Most chapters begin with a two-page overview of the important elements of the clinical examination, including a manikin to illustrate the key steps in the examination of the relevant system. A practical, problem-based clinical approach is described in the 'Presenting Problems' sections, to complement the detailed

descriptions of each disease. The text is extensively illustrated, with over 1000 diagrams, clinical photographs, and radiology and pathology images. 1350 text boxes present information in a way suitable for revision, including 150 clinical evidence boxes summarising the results of systematic reviews and randomised controlled trials and 65 'In Old Age' boxes highlighting important aspects of medical practice in the older population. A combined index and glossary of medical acronyms contains over 10 000 subject entries. The contents can also be searched comprehensively as part of the online access to the whole book on the StudentConsult platform. Access over 500 self-testing questions with answers linked to the book's content for further reading. The text uses both SI and non-SI units to make it suitable for readers throughout the globe. A new chapter specifically on Stroke Disease recognises the emergence of Stroke Medicine as a distinct clinical and academic discipline. A rationalisation of the 1350 boxes used throughout the book gives a simpler and clearer presentation of the various categories. New 'In Adolescence' boxes recognise the fact that many chronic disorders begin in childhood and become the responsibility of physicians practising adult medicine. These boxes acknowledge the overlap 'transitional' phase and highlight the key points of importance when looking after young people. The regular introduction of new authors and editors maintains the freshness of each new edition. On this occasion Dr Ian Penman has joined the editorial team and 18 new authors bring new experience and ideas to the content and presentation of the textbook. An expanded International Advisory Board of 38 members includes

new members from several different countries.

Mosby's Drug Guide for Nursing Students - E-Book

No nursing student should leave home without this book! Mosby's Drug Guide for Nursing Students, 10th Edition offers the most reliable information, now presented in full color. With an A to Z organization, you have quick access to information on 50 drug classifications and more than 4,000 individual generic and trade name drugs. The newest NANDA-I nursing diagnoses help you write care plans, and data on interactions and therapeutic outcomes help you prevent errors. Detailed illustrations show how drugs work at the cellular level, and a photo atlas depicts physical landmarks and techniques for safe and effective drug administration. Known for its focus on drug safety, this handbook is compiled by Linda Skidmore-Roth, a well-known expert in nursing pharmacology, which means you will ALWAYS find the latest and most trustworthy drug information. An Evolve companion website includes profiles of several drugs commonly encountered in clinicals, vibrant animations of drug actions, comprehensive list of combination products, patient-teaching guides, clinical calculators, and more!

Laboratory Tests and Diagnostic Procedures - E-Book

Thoroughly revised and updated, the New Edition of this definitive text explains how to care for neonates using the very latest methods. Of diagnosis and treatment. Rennie & Robertson's Textbook of Neonatology, 5th Edition represents the state-of-the-art on neonatal care, providing not only detailed pathophysiology and clinical chapters on every condition of the neonate but also comprehensive chapters on the psychosocial aspects of neonatology, such as handling perinatal death and ethical and legal aspects of neonatal care. Contributions from Fetal Medicine experts and Obstetricians provide valuable peripheral information essential to the practice of neonatology. Rennie & Robertson's Textbook of Neonatology, 5th Edition is the gold standard for neonatal care and will be an invaluable tool for everyone involved in the care of the neonate. It serves as an authoritative reference for practitioners, a valuable preparation tool for neonatal certification exams, and a useful resource for the entire neonatal care team. Improved illustration program throughout –color figures, line drawings. Will facilitate quick review and enhance comprehension. Major changes have been made to the chapters on genomics, screening, and a range of neurologic, respiratory and cardiovascular disorders including: resuscitation and ventilation, chronic lung disease, periventricular leucomalacia. This book continues to provide the user with the latest clinically relevant applications in diagnosis and management to enable user to derive appropriate differential diagnosis and management plans. Latest advances in imaging techniques included (CT, cranial ultrasonography, MRI). There has been tremendous growth in the pace of

development and refinement of imaging techniques. This book will ensure that the user is fully aware of their clinical applications. Incorporates the latest guidelines on clinical governance (as recommended by RCPCH). Helps ensure implementation of appropriate management plans. Selected "key references now included at end of each chapter. Experts carefully select the most important articles for further reading to facilitate further understanding/research

Updates in HIV and AIDS: Part II, An Issue of Infectious Disease Clinics, E-Book

Now in its eighth edition, Engineering Mathematics is an established textbook that has helped thousands of students to succeed in their exams. John Bird's approach is based on worked examples and interactive problems. Mathematical theories are explained in a straightforward manner, being supported by practical engineering examples and applications in order to ensure that readers can relate theory to practice. The extensive and thorough topic coverage makes this an ideal text for a range of Level 2 and 3 engineering courses. This title is supported by a companion website with resources for both students and lecturers, including lists of essential formulae and multiple choice tests.

Saunders Nursing Drug Handbook 2015 - E-Book

This second part of a 2-part issue of Infectious Disease Clinics, edited by Michael S. Saag, MD and Henry Masur, MD, is devoted to HIV/AIDS. This issue will address the prevention of HIV/AIDS with topics such as: Mother to Child Transmission; Treatment as Prevention; Barrier and Microbicides; Prevention of HIV/AIDS: Pre-exposure Prophylaxis; Post-Exposure Prophylaxis; HIV Vaccine, and a final article addressing the cure of HIV/AIDS.

Kinn's The Medical Assistant - E-Book

Quick and convenient, this resource provides a clinical overview of a wide variety of diseases and disorders that affect the cardiovascular system and lungs and the physical therapy management of patients with them. It integrates key concepts of pathophysiology, clinical manifestations, diagnostic tests and laboratory information and findings with clinically important medical and surgical interventions and pharmacologic therapies — then applies the material to physical therapy evaluation and treatment. This edition adds an introductory chapter on the oxygen transport pathway, the effects of dysfunction along the pathway, and the implications for physical therapy. Offers a complete overview including basic cardiopulmonary anatomy and physiology, the pathophysiology of commonly encountered cardiac and pulmonary disorders, diagnostic tests and procedures, therapeutic interventions, pharmacology, physical therapy evaluation and treatment, and clinical laboratory values and profiles. Uses a bulleted format to

make finding information quick and easy. Lists the latest drugs used for the treatment of cardiopulmonary disorders. Includes information on laboratory medicine and pediatrics to help you apply cardiopulmonary principles to practice. Follows the oxygen transport pathway — the delivery, uptake and, extrication of oxygen as it actually functions in a clinical setting — providing a logical framework for understanding cardiopulmonary concepts. Explains the implications of defects in the pathway — essential considerations for clinical practice. Includes a comprehensive listing of common cardiopulmonary diseases, as well as a number of other diseases that are associated with cardiopulmonary dysfunction. Provides new and updated illustrations that depict common pathologies such as the pathophysiology of left ventricular diastolic and systolic dysfunction, volume versus pressure overload, and dilated versus hypertrophies versus restrictive cardiomyopathies. Includes descriptions of important interventions such as lung volume reduction surgery and lung transplantation. Adds a new section on simple anthropometric measurements for determining obesity, with information on this demographic trend and how it impacts assessment.

Kirk & Bistner's Handbook of Veterinary Procedures and Emergency Treatment - E-Book

Now fully revised and updated, Dr. Barbara Gladson's Pharmacology for

Rehabilitation Professionals, 2nd Edition, remains your best resource for understanding how various drugs affect patients during therapeutic exercise and rehabilitation. Using case studies and engaging activities, it helps you apply essential pharmacology information directly to rehabilitation practice. New chapters, a new reader-friendly design, new artwork, and more enhance the text and bring you up to date with both basic pharmacologic principles as well as the mechanism of action and side effects of drugs commonly seen in rehabilitation practice. Helps you develop effective exercise programs by providing drug/exercise interactions from a pharmacokinetics perspective. You will clearly see the implications for exercise for each specific condition and medication. Presents case studies in every chapter that demonstrate the effects of various drugs on the diagnosis, prognosis, and interventions in physical therapy, so you can more easily monitor patients for adverse drug effects. Features engaging activities in every chapter, ranging from patient interviews to challenging, real-life questions, helping you retain and apply what you've learned. Encourages you to use the latest research in your clinical decision making with evidence-based content incorporated throughout. Simplifies the complex topic of pharmacokinetics so that you will fully understand how it affects your individual patients and your care plans. Guides you in using the Internet for online drug information with references to specific sites, and when and how to use them to their fullest potential. Discusses lifespan considerations such as age, physical differences, and obesity, as well as the latest information on diabetes and glucose testing. A new chapter on Complementary

and Alternative Medicine in Pharmacology covers popular herbal and alternative products used to promote health, as well as herbal remedies used during menopause and in the treatment of cancer, helping you recognize the impact of herbals on your patients' symptoms and response to therapy. A new chapter on Drugs Affecting the Integumentary System discusses skin disorders and their pharmacological treatment, prophylactic and debriding agents, antiseptics, and more. A new chapter on Nutrition and Pharmacology provides current information on vitamins and minerals, enteral and parenteral nutrition, and food and drug interactions -- important topics that affect rehabilitation outcomes. Updated drug information and new drugs are added throughout the text, keeping you up to date with current pharmacological information as it pertains to rehabilitation.

Clinical Infectious Disease

Provide expert care for cats and dogs! Kirk and Bistner's Handbook of Veterinary Procedures and Emergency Treatment, 9th Edition covers not only the management of emergency conditions, but also strategies for dealing with hundreds of routine diagnostic and treatment challenges in small animals. Its user-friendly format provides instant access to vital information -- making it an ideal resource in emergency situations -- and it is conveniently organized by both body systems and presenting signs to help you easily reach a diagnosis and determine a treatment plan for all clinical situations. Written by veterinary experts Richard Ford

and Elisa Mazzaferro, Kirk and Bistner's Handbook of Veterinary Procedures and Emergency Treatment provides current guidelines for small animal emergency care and the diagnostic procedures most commonly performed in a busy, team-oriented practice. Step-by-step instructions and illustrations are provided for all major emergency and non-emergency clinical procedures. A logical, easy-to-use format lists all emergency conditions in alphabetical order, and includes quick reference boxes calling out key information such as clinical tips and cautions. Clear, concise guidelines help you evaluate clinical signs and laboratory test data. Clinical algorithms make it easier to identify and treat abnormalities. Guidelines for assessment and treatment include practical advice and solutions, how to examine the small animal patient using a body systems and problem list approach, and a review of basic diagnostic procedures used in daily practice. Coverage of toxicological emergencies describes how to manage exposures and poisonings. A quick reference guide to the management of the emergency patient is conveniently located on the inside cover. A comprehensive drug formulary makes lookup easy, and includes proprietary names, actions/use of each drug, formulations, recommended dosages, and special precautions, with emergency medications highlighted for fast reference. This all-in-one reference includes practical coverage of emergency procedures, physical assessment in sickness and health, routine and advanced testing procedures, diagnostic tests sampling, preparation, procedures, and interpretation. Quick Reference boxes include potential causes of each clinical abnormality and associated signs, step-by-step

diagnostic plans, and clinical algorithms. The latest vaccination guidelines include protocols for dogs and cats at low, medium, and high risk of exposure to infectious diseases. Updated coverage keeps you current with the latest on pain assessment, prevention, and treatment.

Ferri's Clinical Advisor 2014 E-Book

Volume is indexed by Thomson Reuters CPCI-S (WoS). Abrasive technology concerns manufacturing processes that involve the use of abrasives in various forms. It has a long history; originating right from the first discovery of minerals. With increasingly stringent requirements for the production of high-precision and high surface-quality components, in applications such as silicon wafers for the semiconductor industry and optical lenses for the precision instrument industry, abrasive technology is becoming an increasingly important factor in precision manufacturing. An understanding of the mechanisms of abrasive technology ensures the soundness and integrity of current component manufacture, as well as leading to the development of new and effective techniques.

Varney's Pocket Midwife

The only textbook approved for use by NAEMT's Advanced Medical Life Support

course, this guide provides comprehensive, evidence-based coverage of basic and advanced concepts with an emphasis on critical thinking, leading to better outcomes for patients. Submit your application to become a Course Site today.

2005 Oncology Nursing Drug Handbook

The purpose of this report is to provide a three-dimensional (3-D) representation of the mineral abundance within the geologic framework model domain. The mineralogic model enables project personnel to estimate mineral abundances at any position, within the model region, and within any stratigraphic unit in the model area. The model provides the abundance and distribution of 10 minerals and mineral groups within 22 stratigraphic sequences or model layers in the Yucca Mountain area. The uncertainties and limitations associated with this model are discussed in Section 6.4. Model validation accomplished by corroboration with data not cited as direct input is discussed in Section 7.

Dolphin Cognition and Behavior

This two-volume set (CCIS 158 and CCIS 159) constitutes the refereed proceedings of the International Workshop on Computer Science for Environmental Engineering and EcoInformatics, CSEEE 2011, held in Kunming, China, in July 2011. The 150

revised full papers presented in both volumes were carefully reviewed and selected from a large number of submissions. The papers are organized in topical sections on computational intelligence; computer simulation; computing practices and applications; ecoinformatics; image processing information retrieval; pattern recognition; wireless communication and mobile computing; artificial intelligence and pattern classification; computer networks and Web; computer software, data handling and applications; data communications; data mining; data processing and simulation; information systems; knowledge data engineering; multimedia applications.

Mosby's Canadian Manual of Diagnostic and Laboratory Tests - E-Book

Find complete answers to questions such as which laboratory tests to order or what the results might mean. *Laboratory Tests and Diagnostic Procedures*, 6th Edition covers more tests than any other reference of its kind, with over 900 lab tests and diagnostic procedures in all. In Part I, you'll find an alphabetical list of hundreds of diseases, conditions, and symptoms, including the tests and procedures most commonly used to confirm or rule out a suspected diagnosis. In Part II, you'll find descriptions of virtually every laboratory and diagnostic test available. This edition is updated with the latest research and over 20 NEW test

entries. Written by educator Cynthia Chernecky and clinical nurse specialist Barbara Berger, this lab reference covers today's lab tests with concise, easy-to-use information. More than 900 laboratory tests and diagnostic procedures are included — more than any other reference! Over 600 diseases, conditions, and symptoms are listed, along with the tests used to confirm them. Alphabetical organization and A-to-Z thumb tabs make it easy to find the information you're looking for. Alternative test names and acronyms are cross-referenced to simplify lookup. Instructions for client and family teaching help you offer guidance concerning test preparation and follow-up care. Age and gender-specific norms are provided, giving you complete lifespan coverage. Risks and Contraindications are highlighted to help you safeguard your patients and provide effective care. Panic Level Symptoms and Treatment are provided for dangerously increased and decreased levels. Minimum volumes for blood samples are included, useful when a client's blood preservation is essential, as well as information on whether blood specimens can be drawn during hemodialysis. Tests for toxic substances are included, making this a lab, diagnostic, and toxicology book all in one. Abbreviations, measurement prefixes, and symbols are listed on the front and back covers for convenience. Information on herbal supplements indicates when a client's use of natural remedies might affect test results. Over 20 NEW test entries present the latest tests and procedures, with a strong focus on affordable, clinically relevant genetic tests. UPDATED content includes the latest research relating to accuracy of tests, diagnostic value of results, and associated cost-benefit ratios.

Ferri's Clinical Advisor 2015 E-Book

Updated annually with the latest developments in diagnosis and treatment recommendations, Ferri's Clinical Advisor uses the popular "5 books in 1" format to organize vast amounts of information in a clinically relevant, user-friendly manner. This efficient, intuitive format provides quick access to answers on more than 900 common medical conditions, including diseases and disorders, differential diagnoses, and laboratory tests – all updated by experts in key clinical fields. Updated algorithms and current clinical practice guidelines help you keep pace with the speed of modern medicine. Contains significant updates throughout, with more than 500 new figures, tables, and boxes added to this new edition. Features 17 all-new topics including opioid overdose, obesity-Hypoventilation syndrome, acute pelvic pain in women, new-onset seizures, and eosinophilic esophagitis, among many others. Provides current ICD-10 insurance billing codes to help expedite insurance reimbursements. Includes cross-references, outlines, bullets, tables, boxes, and algorithms to help you navigate a wealth of clinical information. Offers access to exclusive online content: more than 90 additional topics; new algorithms, images, and tables; EBM boxes; patient teaching guides, color images, and more.

Davidson's Principles and Practice of Medicine E-Book

These proceedings of the 15th International Conference on Wear of Materials focus on the friction and wear of materials in various applications under different environments from the nanometer scale to the meter scale. The conference provides a unique international forum for researchers and practitioners from different disciplines to exchange latest results. Coverage includes: . Wear assessment and monitoring . Wear modeling, mechanisms, mapping and prediction . Wear-corrosion testing and control . Surface engineering for wear and wear-corrosion control . Development of new wear test methods and wear test methodologies . Wear of materials for biomedical applications . Wear of non-equilibrium materials: from atomic dimensions to the micro-scale . Wear of hard and superhard materials . Wear of materials in the earthmoving, minerals processing and mining industries

15th Wear of Materials

This book provides all the vital information you need to know about tuberculosis, especially in the face of drug-resistant strains of the disease. Coverage includes which patient populations face an elevated risk of infection, as well as which therapies are appropriate and how to correctly monitor ongoing treatment so that patients are cured. Properly administer screening tests, interpret their results, and identify manifestations of the disease, with authoritative guidance from expert clinicians from around the world. Discusses screening tests for tuberculosis so you

can interpret their results and identify not only common manifestations of the disease, but also those that are comparatively rare—such as tuberculosis in pregnant women. Covers all clinical aspects of tuberculosis in children, including current practices on managing those infected with HIV. Provides details on how best to interact with the public health system in both industrialized and developing countries. Addresses the social aspects of tuberculosis and presents the latest advances on new and potential vaccines against tuberculosis. Offers the expertise of internationally recognized tuberculosis clinicians to provide you with well-rounded, global coverage. Features numerous illustrations to provide clear and detailed depictions of rare manifestations of tuberculosis.

Tuberculosis E-Book

Begin the task of studying for the NCLEX—one of the most important tests you'll ever take— with Sandra Smith's Review for NCLEX-PN. Sandra brings more than 25 years of teaching experience as a university professor and founder of the original nation-wide NCLEX review course to these popular and highly recommended review aids. This comprehensive PN/VN review is easy-to-read, clear and concise. Questions are based on critical thinking principles, NCLEX procedures, study guidelines, and test-taking tips. A CD-ROM with more than 2300 Q & As are included in this all-in-one resource! What's New: New alternate format NCLEX questions with rationale New content on natural disasters in Emergency Nursing

chapter New quick-reference tables and charts and updated content in all clinical areas

Ferri's Clinical Advisor 2019 E-Book

Kumar & Clark's Clinical Medicine 8 builds on the prize-winning formula that won the first prize in the BMA Book Awards Medicine Category in 2010 (7th edition) and 2006 (6th edition). 'This book is comprehensive, student friendly (if still intimidating in size!) and covers such a vast breadth of knowledge. It still remains the primary 'must-have' text book of any budding doctor, or qualified one at that. This book is stunning in its breadth and in its ease of use. It still remains as the 'gold-standard' thorough guide to clinical medicine its forefathers were.' BMA Judges 2010 'This is one of a select few books that deserves to be in most doctors' personal possession and it's as simple as that.' Dr Harry Brown. New to this edition: New chapter on palliative medicine. Five times the number of margin clinical photos. New echocardiography images. Double the number of dermatological images; including all the major lesion morphologies covered in a single page. 16 new authors. New sections on protein synthesis, energy production and stem cells. New members of the International Advisory Board from India, South Africa, Poland and the Middle East. 7 new online chapters from the International Advisory Board. Key online features: 30 extra short chapters online, written by members of the International Advisory Board to cover key international issues,

such as malaria, envenoming and HIV. Animated practical procedures, including lumbar puncture, central venous and bladder catheterization, arterial cannulation etc. heart and lung sounds, and interactive surface anatomy available online. Full text online through StudentConsult. Add your own notes and bookmarks. Search across all the StudentConsult resources you own online in one place. New to this edition: New chapter on palliative medicine. Five times the number of margin clinical photos. New echocardiography images. Double the number of dermatological images; including all the major lesion morphologies covered in a single page. 16 new authors. New sections on protein synthesis, energy production and stem cells. New members of the International Advisory Board from India, South Africa, Poland and the Middle East. 7 new online chapters from the International Advisory Board.

Mineralogic Model (MM3.0) Report

Stay on top of the latest scientific and therapeutic advances with the new edition of Leibel and Phillips Textbook of Radiation Oncology. Dr. Theodore L. Phillips, in collaboration with two new authors, Drs. Richard Hoppe and Mack Roach, offers a multidisciplinary look at the presentation of uniform treatment philosophies for cancer patients emphasizing the "treat for cure" philosophy. You can also explore the implementation of new imaging techniques to locate and treat tumors, new molecularly targeted therapies, and new types of treatment delivery. Supplement

your reading with online access to the complete contents of the book, a downloadable image library, and more at expertconsult.com. Gather step-by-step techniques for assessing and implementing radiotherapeutic options with this comprehensive, full-color, clinically oriented text. Review the basic principles behind the selection and application of radiation as a treatment modality, including radiobiology, radiation physics, immobilization and simulation, high dose rate, and more. Use new imaging techniques to anatomically locate tumors before and during treatment. Apply multidisciplinary treatments with advice from experts in medical, surgical, and radiation oncology. Explore new treatment options such as proton therapy, which can facilitate precise tumor-targeting and reduce damage to healthy tissue and organs. Stay on the edge of technology with new chapters on IGRT, DNA damage and repair, and molecularly targeted therapies.

Sabiston Textbook of Surgery E-Book

This essential reference provides valuable information on effective symptom management and chemotherapy administration. The only oncology drug book that is updated every year.

Engineering Mathematics

Water Balances in the Eastern Mediterranean

Rapid Review of Clinical Medicine for MRCP Part 2, Second Edition

A companion to Varney's Midwifery, Fourth Edition, this is the only concise but comprehensive pocket guide covering all stages of pregnancy that puts essential information at the midwife's fingertips. The text is divided into 18 sections, including midwifery overview, primary care, gynecology, antepartum, intrapartum, newborn and postpartum, each of which includes content, charts, tables, figures, and the relevant hands-on skills.

Mosby's Diagnostic and Laboratory Test Reference - E-Book

Ferri's Clinical Advisor 2015 is the fastest, most effective way to access current diagnostic and therapeutic information on more than 700 common medical conditions. Dr. Ferri's popular "5 books in 1" format provides quick guidance on short QT syndrome, microscopic polyangiitis, fungal meningitis, and much more. This medical reference makes the answers you need even easier to find - anytime, anywhere. Consult this title on your favorite e-reader, conduct rapid searches, and adjust font sizes for optimal readability. Review normal values and interpret results

for more than 200 lab tests. Improve your family healthcare practice's efficiency with cost-effective referral and consultation guidelines. Identify and treat a broader range of disorders, including diabetic foot infections, hypergonadism, and acute liver failure, with 22 new topics in the Diseases & Disorders section. Improve your interpretation of presenting symptoms with 38 new topics and 40 new images in the Differential Diagnosis section, and optimize patient care with more than 250 new figures and tables. Rapidly find the answers you need with separate sections on diseases and disorders, differential diagnosis, clinical algorithms, laboratory results, and clinical preventive services, plus an at-a-glance format that uses cross-references, outlines, bullets, tables, boxes, and algorithms to expedite your search. Expedite insurance reimbursements with current ICD-9 and future ICD-10 insurance billing codes. Access full-color images and more than 90 online-only topics at Expert Consult, as well as EBMs, Suggested Reading, Patient Teaching Guides, and additional algorithms.

Updates in HIV and AIDS: Part I, An Issue of Infectious Disease Clinics,

Published in 1986, Dolphin Cognition and Behavior is a valuable contribution to the field of Cognitive Psychology.

The Water Resource Implications of Changing Climate in the Volta River Basin

The very first resource of its kind, written exclusively for Canada, Mosby's Canadian Manual of Diagnostic and Laboratory Tests provides clear, concise coverage of more than 700 of the most commonly performed tests, with Canadian lab values, SI units, Canadian cultural considerations, and more unique Canadian content. Its many user-friendly features include an easy-to-understand writing style, full-colour illustrations, and a logical organization. Each test entry is presented in a consistent format to provide quick access to information on specimen collection, normal findings, indications, test explanation, procedure and patient care, and test results and clinical significance, as well as any applicable contraindications, potential complications, interfering factors, and related tests. UNIQUE! Test Results and Clinical Significance sections explain pathophysiology and how test results may indicate certain disease processes. Critical values are emphasized to alert you to situations requiring immediate intervention. UNIQUE! Related Tests sections list tests that provide similar information or are used to evaluate the same body system, disease process, or symptom. UNIQUE! SI units in the Normal Findings section of appropriate tests offer quick and easy reference (conventional units also included). UNIQUE! Cultural Considerations boxes highlight important aspects of working with people from the diverse cultural and racial

backgrounds of the Canadian population, such as First Nations communities. Includes Canadian generic and trade drug names to comply with Health Canada and the Compendium of Pharmaceuticals and Specialties (CPS). Addresses Canadian privacy laws and legislation (including PHIPA and PIPEDA), the Canadian Labour Code, and policies for DNA collection, reporting of infections such as Chlamydia, and much more. Provides information on Canadian test-tube colouring classifications and guidelines for the correct order and process of collecting blood samples in Canada. Follows Canadian standard precautions and procedures such as those set forth by the Canadian Nuclear Safety Commission, as well as Canadian screening protocols such as those set out in the Canadian Cancer Society Screening Guidelines. Canadian statistics are provided for topics such as STDs and C. difficile. New full-colour photographs and enhanced illustrations clarify key concepts and reflect the latest procedures, equipment, and techniques. Completely updated content covers 30 new tests, including ductoscopy, thyroglobulin, lactoferrin, and human papillomavirus.

Leibel and Phillips Textbook of Radiation Oncology - E-Book

Written by expert nursing and pharmacy clinicians and organized alphabetically by generic drug name, Saunders Nursing Drug Handbook 2015 provides essential information for over 1,000 generic name and 4,000 trade name drugs in one quick, convenient source. With comprehensive coverage of IV drug administration as well

as guidance through clinical priorities in the practice setting, this resource offers the precautionary information you need to provide safer patient care. Over 1,000 generic name drugs (encompassing over 4,000 trade name drugs) organized alphabetically with A to Z tabs to make accessing important information quick and easy. Detailed drug information distinguishing side effects and adverse reactions helps you identify which are most likely to occur. Special text treatment for "High Alert" drugs that pose the greatest risk for patient harm promotes safe drug administration. Top 200 Drugs helps you identify the most frequently administered drugs. Lifespan and disorder-related dosage variations content equips you with special considerations for specific patient populations. Therapeutic and toxic blood level information shows you patient implications for drug administration. Comprehensive IV Compatibility Chart foldout arms you with compatibility information for 65 intravenous drugs. Pageburst eBook works on any mobile device giving you access to drug information from virtually anywhere. UNIQUE! (for ebook only) Frequently-used herb monographs as well as additional herb information keep you informed of commonly encountered herbs. NEW! Drug monographs for approximately 21 newly approved drugs by the FDA provide you with the most current drug information. NEW! Updated monographs with new interactions, precautions, alerts and patient teaching instructions boost your confidence in accuracy and help prevent medication dispensing errors. NEW! Nearly 300 Black Box Alerts highlight drugs found to carry a significant risk of serious or even life-threatening adverse effects.

Application of the Water Evaluation and Planning (WEAP) Model to Assess Future Water Demands and Resources in the Olifants Catchment, South Africa

Get fast access to important diagnostic tests and procedures with Mosby's Diagnostic & Laboratory Test Reference, 12th Edition by Kathleen Deska Pagana, Timothy J. Pagana, and Theresa N. Pagana. In this bestselling handbook, concise test entries are arranged alphabetically and reflect the latest in research and diagnostic testing. Each test entry includes vital information such as type of test, alternate or abbreviated test names, test explanation, normal and abnormal findings, possible critical values, contraindications, potential complications, interfering factors, and patient care. To simplify lookup, related tests are cross-referenced. A compact size, durable cover, and A-to-Z thumb tabs make this book ideal for quick reference on the job. Alphabetically organized tests offer quick reference with A-to-Z thumb tabs, so you'll never have to search for a test by having to first determine its correct category or body system. UNIQUE! Each test entry begins on a new page, making tests easy to find. User's Guide to Test Preparation and Performance provides an overview and guidelines for each type of laboratory test and diagnostic procedure, so you can minimize worry about having to repeat a test due to an error. Normal findings for adult (male and female), elderly, and pediatric patients are included where applicable. Increased and

decreased abnormal findings are highlighted with directional arrows. Possible critical values are highlighted to alert you to situations requiring immediate intervention. Patient care sections provide step-by-step instructions for care before, during, and after the test. Symbol next to drug-related interfering factors alerts you to the effects of pharmacologic agents on tests. Lists of tests by body system and test type make it easy to cross-reference related studies. Abbreviations for tests are listed in the front and the back of the book, and symbols and units of measurement are listed in an appendix. A durable cover with round edges helps prevent the book from being damaged and makes it easier to handle. UPDATED coverage reflects current research relating to accuracy of testing, diagnostic values of results, and the patient care and education associated with each test. 14 NEW test entries present the latest tests and procedures with an emphasis on new, more affordable (and thus more common) genetic tests.

Kumar and Clark's Clinical Medicine E-Book

The book provides an in-depth analysis of the governance of Africa's natural resource sectors (oil, biofuels, forestry, fisheries, minerals) and new insights for readers as they navigate the burgeoning research on global governance initiatives and regional/national strategies that seek to improve the governance of the continent's natural resources.

Antipsychotics and their Side Effects

This first part of a 2-part issue of Infectious Disease Clinics, edited by Michael S. Saag, MD and Henry Masur, MD, is devoted to HIV/AIDS. This issue will cover global epidemiology; testing, staging, and evaluation; linkage to care, retention in care; antiretroviral therapy: current drugs, when to start, what to start, failure; update on opportunistic infections; HIV co-morbidities; and co-infection Hepatitis B and Hepatitis C.

Pharmacology for Rehabilitation Professionals - E-Book

The only book featuring nursing care plans for all core clinical areas, Swearingen's All-In-One Nursing Care Planning Resource, 4th Edition provides 100 care plans with the nursing diagnoses and interventions you need to know to care for patients in all settings. It includes care plans for medical-surgical, maternity/OB, pediatrics, and psychiatric-mental health, so you can use just one book throughout your entire nursing curriculum. This edition includes a new care plan addressing normal labor and birth, a new full-color design, new QSEN safety icons, new quick-reference color tabs, and updates reflecting the latest NANDA-I nursing diagnoses and collaborative problems. Edited by nursing expert Pamela L. Swearingen, this book is known for its clear approach, easy-to-use format, and straightforward rationales.

NANDA-I nursing diagnoses are incorporated throughout the text to keep you current with NANDA-I terminology and the latest diagnoses. Color-coded sections for medical-surgical, maternity, pediatric, and psychiatric-mental health nursing care plans make it easier to find information quickly. A consistent format for each care plan allows faster lookup of topics, with headings for Overview/Pathophysiology, Health Care Setting, Assessment, Diagnostic Tests, Nursing Diagnoses, Desired Outcomes, Interventions with Rationales, and Patient-Family Teaching and Discharge Planning. Prioritized nursing diagnoses are listed in order of importance and physiologic patient needs. A two-column format for nursing assessments/interventions and rationales makes it easier to scan information. Detailed rationales for each nursing intervention help you to apply concepts to specific patient situations in clinical practice. Outcome criteria with specific timelines help you to set realistic goals for nursing outcomes and provide quality, cost-effective care. NEW! Care plan for normal labor and birth addresses nursing care for the client experiencing normal labor and delivery. UPDATED content is written by practicing clinicians and covers the latest clinical developments, new pharmacologic treatments, patient safety considerations, and evidence-based practice guidelines. NEW full-color design makes the text more user friendly, and includes NEW color-coded tabs and improved cross-referencing and navigation aids for faster lookup of information. NEW! Leaf icon highlights coverage of complementary and alternative therapies including information on over-the-counter herbal and other therapies and how these can interact with

conventional medications.

Computer Science for Environmental Engineering and EcoInformatics

A fully updated version of this popular, clinically oriented, user-friendly text on infectious disease, with even more helpful graphics, tables, algorithms and images. It is packed full of information on diagnosis, differential diagnosis and therapy. In addition to the traditional organization of organ-system and pathogen-related information, this text also includes clinically helpful sections on the susceptible host (with individual chapters, for example, on the diabetic, the elderly, the injection drug user and the neonate), infections related to travel, infections related to surgery and trauma, nosocomial infection and bioterrorism. Positioned between the available encyclopedic tomes and the smaller pocket guides, this is a convenient, comprehensive and highly practical reference for all those practising in infectious diseases as well as internal or general medicine.

Water Balances in the Eastern Mediterranean

With the remarkable expansion in the use of antipsychotics, concerns about their immediate, intermediate, and long-term adverse effects have intensified. Despite

this, studies consistently show that monitoring of patients taking antipsychotics can be inadequate, haphazard, or worse. This book provides a comprehensive review of the adverse effects of this pharmacologically complex therapeutic class, covering all commonly used conventional and atypical agents. In the first section, each chapter provides background information about an adverse effect, reviews the evidence linking the effect to various antipsychotics, and provides specific detection and monitoring recommendations. The second section provides unique monitoring guides for each antipsychotic. The third section provides the clinician with a program to monitor patients over the long-term. By supporting rational treatment decisions and systematic adverse effect monitoring, *Antipsychotics and their Side Effects* provides the clinician with the necessary information and tools for optimizing the safe and effective long-term use of antipsychotic drugs.

All-In-One Care Planning Resource - E-Book

Sabiston Textbook of Surgery is your ultimate foundation for confident surgical decision making. Covering the very latest science and data affecting your treatment planning, this esteemed medical reference helps you make the most informed choices so you can ensure the best outcome for every patient. Consult it on the go with online access at expertconsult.com, and get regular updates on timely new findings and advances. Overcome tough challenges, manage unusual situations, and avoid complications with the most trusted advice in your field.

Prepare for tests and exams with review questions and answers online. Keep up with the very latest developments concerning abdominal wall reconstruction, tumor immunology and immunotherapy, peripheral vascular disease, regenerative medicine, liver transplantation, kidney and pancreas transplantation, small bowel transplantation, the continually expanding role of minimally invasive and robotic surgery, and many other rapidly evolving areas. Weigh your options by reviewing the most recent outcomes data and references to the most current literature.

Advanced Medical Life Support

Part of the popular LPN Threads series, Introduction to Maternity ; Pediatric Nursing provides a solid foundation in obstetrics and pediatric nursing. An easy-to-follow organization by developmental stages, discussion of disorders by body system from simple-to-complex and health-to-illness, and a focus on family health make it a complete guide to caring for maternity and pediatric patients. Written in a clear, concise style by Gloria Leifer, MA, RN, this edition reflects the current NCLEX test plan with additional material on safety, health promotion, nutrition, and related psychosocial care. " provides clinical information and insights in a concise, structured and informative way that encourages critical thinking." Reviewed by Kim Shrieves on behalf of Nursing Times, April 2015 Concise, yet comprehensive, content is presented within the scope of practice for the LVN/LPN, but with sufficient depth to facilitate students in a ladder program allowing them to be

successful with the ADN program requirements for the specialties. Step-by-step procedure lists throughout the text help you master important maternity and pediatric nursing processes with Skills Performance Checklists available on the Evolve website. Nursing Care Plans with Critical Thinking Questions reinforce the nursing process and strengthen problem-solving skills as applied to maternity nursing. Logical organization of content from simple-to-complex and health-to-illness makes locating and accessing information easy. Key terms with phonetic pronunciations and text page references help improve terminology and language skills of English-as-a-Second-Language (ESL) students and students with limited proficiency in English, before they enter clinical practice. Health Promotion boxes emphasize the importance of family-centered care, health promotion and illness prevention, women's health issues, and growth and development of child and parent to help you understand and teach wellness and disease prevention to patients in your care. Nutrition content highlights the importance of proper nutrition for women before, during, and after pregnancy (for those who are breastfeeding), as well as critical information about the nutrition needs and problems of newborns, infants, and children. Nursing Tips throughout provide pertinent information applicable in the clinical setting that reinforces what you have just learned while building on previously learned information. NEW! Unfolding case studies with illustrations follow first-time parents Tess and Luis throughout the stages of pregnancy and birth of their twins, with a series of critical thinking questions. NEW! Updated NCLEX exam-style review questions have been revised to

a higher cognitive level to better reflect the NCLEX examination. NEW! Expanded coverage of bioterrorism and natural disasters better reflects the evolving role of the nurse in disaster situations. NEW! Enhanced appendix includes Pediatric Lab Values for quick and easy reference.

Sandra Smith's Review for NCLEX-PN

This book is an invaluable resource with 400 self-assessment cases and data interpretation questions covering all aspects of internal medicine. It has great breadth of coverage, superb illustration, lively presentation, precise answers and detailed discussion.

Introduction to Maternity and Pediatric Nursing - E-Book

The Olifants catchment is one of 19 Catchment Management Areas in South Africa. Different water users (i.e., rural, urban, mining, subsistence and commercial irrigated agriculture, commercial forestry, industry and power generation) are present in the catchment. Rising population and increasing water provision in rural areas, in conjunction with the development of the mining industry, the construction of new power generation plants, the implementation of environmental flows and the need to meet international flow requirements are going to greatly exacerbate the

complexity of future water resources management in what is already a water-stressed catchment. Being able to assess the ability of the catchment to satisfy potential water demands is crucial in order to plan for the future and make wise decisions. In this study, a scenario analysis approach was used in conjunction with the Water Evaluation And Planning model, in order to assess the impacts of possible water demands on the water resources of the Olifants catchment in 2025. For each scenario, the water resource implications were compared to a 1995 “baseline.” The model enabled analyses of unmet water demands, streamflows and water storage for each scenario. The model results show that for the different scenarios considered in this study the implementation of the Environmental Reserve (an instream requirement to guarantee the health of the riverine ecosystems) will increase the shortages for other sectors. The construction of the main water storage infrastructure proposed by the Department of Water Affairs and Forestry, in conjunction with the application of Water Conservation and Demand Management practices, can reduce the unmet demands and shortfalls to levels lower than, or similar to, those experienced in the 1995 baseline. However, in all cases these interventions will be insufficient to completely meet the demands of all the sectors. A tight control of the growth in future demands is essential, although this may be difficult in a rapidly developing country like South Africa.

New Approaches to the Governance of Natural Resources

The Volta River is one of the major rivers in Africa. In this study, a dynamic regional climate model (CCLM), a hydrological model (SWAT) and a water resource model (WEAP) were used to provide an assessment of one downscaled 'middle impact' climate change scenario on the performance of existing and planned irrigation and hydropower schemes. The results indicate that, by the middle of the twenty-first century, altered climate is likely to undermine the technical performance of existing and planned reservoirs, which will, in turn, affect development outcomes. Future water resources development in the basin requires interventions that bolster resilience and water security. Much more systematic planning of water storage, greater cooperation between the riparian states and consideration of innovative approaches to water storage are needed.

Rennie & Roberton's Textbook of Neonatology E-Book

Prepare for a successful career in medical assisting! Kinn's The Medical Assistant, 12th Edition helps you learn the real-world administrative and clinical skills essential to working in the health care setting. Administrative coverage ranges from professionalism and interpersonal skills to billing and coding and electronic health records; clinical content teaches how to assist with medications, diagnostic procedures, and surgeries. And no other comprehensive medical assisting text can match its coverage of assisting with medical specialties! Written by medical assisting experts Alexandra Adams and Deborah Proctor, this classic resource also

includes an Evolve companion website with practical exercises and activities, videos, and review questions for the CMA and RMA certification exams. More chapters on assisting with medical specialties than any other Medical Assisting text prepare you to assist in specialty exams and make you better qualified to work in specialty fields like cardiology, dermatology, ophthalmology, gynecology, and neurology. Step-by-step, illustrated procedures make it easier to learn and understand medical assisting skills, and include rationales for each step. Threaded case scenarios help you develop critical thinking skills and apply concepts to realistic administrative and clinical situations. Patient education and legal and ethical issues are described in relation to the Medical Assistant's job. A Portfolio Builder on the Evolve website helps you demonstrate proficiency to potential employers. Detailed learning objectives and vocabulary with definitions in each chapter help you study more effectively, with connections icons linking concepts in the text to exercises in the study guide and on the Evolve companion website. Study Guide includes a variety of exercises to test your knowledge and critical thinking skills, case scenarios from the book, and a Procedure Checklists Manual. Sold separately. NEW! Charting examples within the procedures are highlighted for easier learning. UPDATED coverage of the Electronic Health Record ensures that you are familiar with the technology you'll use on the job. UPDATED content on alternative therapies and treatment includes the latest herbal remedies such as red rice yeast for lowering cholesterol, St. John's Wort for depression, and probiotic bacteria for GI maladies.

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