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Hunter's Tropical Medicine and Emerging Infectious Disease E-Book Equine Reproduction Textbook of Clinical Parasitology Atlas of Head and Neck Pathology E-Book Veterinary Microbiology Technical Note Experiment Station Record Manual of Arthroscopic Surgery Nursing Care of Children Medical Microbiology E-Book Experiment Station Record Pathology for the Physical Therapist Assistant - E-Book The Mouse in Biomedical Research Encyclopedia of Food Microbiology A Practical treatise on genito-urinary and venereal diseases and syphilis Saunders Manual of Small Animal Practice - E-Book Infectious Diseases of the Dog and Cat - E-Book Textbook of Hepatology Diseases of Poultry, 2 Volume Set Clinical Ophthalmology: A Systematic Approach Principles and Practice of Pediatric Infectious Diseases E-Book Nursing Diagnosis All-in-One Care Planning Resource Global Virology II - HIV and NeuroAIDS Core Curriculum for Oncology Nursing - E-Book Core Curriculum for Oncology Nursing Nursing Diagnosis Reference Manual Principles of Medicine in Africa Diagnostic Microbiology of the Immunocompromised Host Medical Problems in Dentistry E-Book Diseases of the Digestive System Diagnostic Ultrasound E-Book Primary Care, Second Edition Harrison's Principles of Internal Medicine Principles and Practice of Endocrinology and Metabolism Textbook of Diagnostic Sonography - E-Book Diseases of the stomach and upper alimentary tract Oxford Textbook of Medicine: Infection Tropical Infectious Diseases: Principles, Pathogens and Practice E-Book Swaiman's Pediatric Neurology - E-Book

Published in collaboration with the ONS, this text is the definitive source for concepts and practices in oncology nursing and can be used for orientation of nurses to oncology, inservice and continuing education programs for practicing nurses, a basis for curriculum development in graduate programs, and as a review tool for certification. Based on the blueprint of the certification examination by the ONCC (Oncology Nursing Certification Corporation), the book is in outline format to help readers focus on the most important information. Instructor resources available; contact your sales representative for details. Covers the entire scope of the specialty ensuring comprehensive coverage Outline format helps the reader focus on the most important information Effective guide for teaching and learning for in-service, continuing education, and academic programs Powerful study tool for the ONCC certification exam Tables and figures illustrate complex concepts * Entirely revised, updated, and expanded to reflect the current state of oncology nursing practice. * Expanded pain management content. * New content on nonpharmacologic interventions (e.g. heat massage, imagery). * New content on alternative therapies. The Oxford Textbook of Medicine: Infection is selected from the infection section of the renowned Oxford Textbook of Medicine, Fifth Edition. The book is an authoritative resource on infectious diseases. Comprehensive in its coverage and beautifully illustrated in full colour, it is an essential guide to the present-day management and prevention of a wide variety of infectious diseases. Covering diseases that are both familiar and tropical as well as those that continue to emerge, medical professionals will find it immensely valuable when diagnosing and preventing infection in their day-to-day practice. In 121 chapters, experts in infectious diseases from across the world review the essentials of current infectious disease practice and provide a wealth of practical advice that medical professionals can use in clinical situations. In addition, background information on epidemiology, pathogenesis and pathophysiology encourages a fuller understanding of conditions, and over 250 full colour images help with diagnosis when treating patients. A commanding discussion of infectious diseases from both Western and tropical countries, the Oxford Textbook of Medicine: Infection provides detailed information on a extensive range of viruses, bacteria, fungi, protozoa and helminths. Vast in scope and truly global in reach, chapters span a variety of topics including, pathogenic microorganisms and the host, the patient with suspected infection, travel and expedition medicine, and non-venomous arthropods. They reflect the globalization of disease that has resulted from the unprecedented increase in international travel and immigration, as well as natural/man-made disasters that demand massive international aid efforts. This up-to-date and essential reference tool, supports all medical professionals in the treatment and prevention of infectious diseases. It will be of particular value to clinicians working in, or seeing patients from the developing world, due to the wide range of pathogens discussed. It also supports those taking diploma courses in Tropical Medicine and Hygiene, and HIV medicine. No infectious disease specialist or trainee should be without a copy of this definitive resource. Now fully updated with more than 2,000 new images and new content throughout, Diagnostic Ultrasound, 5th Edition, by Drs. Carol M. Rumack and Deborah Levine, remains the most comprehensive and authoritative ultrasound resource available. Spanning a wide range of medical specialties and practice settings, it provides complete, detailed information on the latest techniques for ultrasound imaging of the whole body; image-guided procedures; fetal, obstetric, and pediatric imaging; and much more. Up-to-date guidance from experts in the field keep you abreast of expanding applications of this versatile imaging modality and help you understand the "how" and "why" of ultrasound use and interpretation. Covers all aspects of diagnostic ultrasound with sections for Physics; Abdominal, Pelvic, Small Parts, Vascular, Obstetric, and Pediatric Sonography. Uses a straightforward writing style and extensive image panels with correlative findings. Features 5,000 images - more than 2,000 brand-new - including new 2D and 3D imaging as well as the use of contrast agents and elastography. Includes a new virtual chapter on artifacts with individually labelled images from throughout the book, displaying artifacts with descriptive legends by category and how they can be used in diagnosis or corrected for better quality imaging. Features more images and new uses for contrast agents in the liver, breast, and in pediatric applications. Includes current information on imaging more diagnostic dilemmas, such as Zika virus in the fetus and newborn. Meticulously organized by body system for optimal readability and ease of reference, the 3rd edition of this best-selling manual provides quick, comprehensive, and practical guidance on evaluating and managing a full range of common medical and surgical conditions encountered in small animal practice. Medical chapters discuss etiology, clinical signs, diagnoses and treatment, while surgical chapters discuss anatomy, preoperative considerations, procedures and postoperative care. It also contains an entire section devoted to avian and exotic pets and a comprehensive drug formulary. A consistent outline format provides easy access to information on etiology, clinical signs, diagnosis, and treatment for each disease or disorder, as well as anatomy, preoperative conditions, techniques, and postoperative care for surgical procedures. Key Points draw attention to helpful tips and key concepts. Includes a comprehensive section covering diagnosis, treatment, and surgery for avian and exotic pets. Features new chapters that cover key topics such as physical therapy and rehabilitation, pain management, vaccination guidelines, and syncope. Includes the latest information on drugs and clinical equipment throughout. Established as the foremost text in the field, Principles and Practice of Endocrinology and Metabolism is now in its thoroughly revised, updated Third Edition. This practical, clinically relevant, and comprehensive text covers the entire field of endocrinology and metabolism, including the diffuse endocrine system; morphology and physiology; diagnosis and treatment of endocrine diseases; endocrinology of the female; hormones and cancer; and much more. The Third Edition contains new chapters reflecting the latest advances and features expanded coverage of genetics and the endocrinology of sepsis. More than 1,400 illustrations complement the text. A drug formulary appears at the back of the book. Hunter's Tropical Medicine and Emerging Infectious Disease is your comprehensive, go-to resource on the health conditions that arise in the tropics! From infectious diseases through environmental issues, poisoning and toxicology, animal injuries, and nutritional and micronutrient deficiencies, this medical reference book provides you with all the guidance you need to diagnose and manage even the most exotic health concerns. Stay at the forefront of this ever-changing field with Hunter's Tropical Medicine and Emerging Infectious Disease! Consult this title on your favorite e-reader, conduct rapid searches, and adjust font sizes for optimal readability. Understand the common characteristics and methods of transmission for each disease, and learn all the applicable diagnosis, treatment, control, and prevention techniques. Get the information you need in the most organized way with infectious agents arranged by syndromes, as they typically present. Stay abreast of the latest maladies seen in returning travelers through useful chapters on

delusional parasitosis, international adoptions, transplant patients, medical tourism, and more. Access the most up-to-date information on emerging and re-emerging diseases (such as H1N1), and see how progression occurs through all-new illustrative life cycles. Hone your techniques with a new skills-based section which includes dentistry, neonatal pediatrics and ICMI, and surgery in the tropics, and a service-based section covering transfusion in resource-poor settings, microbiology, and imaging. Learn everything you need to know about infrequently encountered tropical drugs and their practical application in the clinical setting. The definitive reference for the diagnosis, treatment, and prevention of small animal infections, *Infectious Diseases of the Dog and Cat, 4th Edition* delivers current, comprehensive information essential to the management of infectious diseases caused by viruses, rickettsiae, chlamydiae, mycoplasmas, bacteria, fungi, algae, protozoa, and unknown agents. Each section guides you through diagnostic testing for specific microorganisms, from sample collection to laboratory submission to interpretation of results, then details appropriate treatment measures and pharmacologic considerations for the various related infections. Full-color illustrations and hundreds of tables provide quick, convenient access to diagnostic and therapeutic guidelines, and thoroughly updated drug information helps you confidently administer appropriate dosages for the most effective treatment and prevention. The most comprehensive infectious disease coverage available helps you confidently address clinical problems related to infectious diseases in dogs and cats, and includes: Immunization strategies and environmental control of infections Immunodeficiency disorders Prevention of infection in multi-pet and shelter settings Immunocompromised people and their pets Vibrant full-color illustrations clarify disease features and modes of disease transmission for enhanced diagnostic accuracy and disease prevention. Convenient tables deliver therapeutic recommendations and drug dosages at a glance. Complete antimicrobial drug formulary provides fast, easy access to indications, recommended dosages, and pharmacologic considerations essential for all relevant pharmaceuticals. State-of-the-art diagnostic testing procedures help you ensure accurate diagnoses for all clinically relevant pathogens. Content reflects the expert insight and vast clinical experience of a panel of trusted authorities on small animal infectious diseases. Easy-to-use companion website provides convenient online access to additional images, tables, boxes, appendices, and references linked directly to original PubMed abstracts. Expanded coverage of zoonoses, zoonotic potential, and precautions helps you effectively monitor and treat zoonotic infections. Fully updated drug formulary reflects the most current pharmacokinetics, indications, contraindications, handling and administration guidelines, and dosage recommendations available. Updated content throughout the text details current diagnostic testing regimens and therapeutic and preventive considerations for all pathogens you're likely to encounter in the clinical setting. Special focus on disease incidence and susceptibility in traveling animals helps you alert animal owners to potential risks associated with pet travel. *Swaiman's Pediatric Neurology*, by Drs. Kenneth Swaiman, Stephen Ashwal, Donna Ferriero, and Nina Schor, is a trusted resource in clinical pediatric neurology with comprehensive, authoritative, and clearly-written guidance. Extensively updated to reflect advancements in the field, this fifth edition covers new imaging modalities such as pediatric neuroimaging, spinal fluid examination, neurophysiology, as well as the treatment and management of epilepsy, ADHD, infections of the nervous system, and more. The fully searchable text is now available online at www.expertconsult.com, along with downloadable images and procedural videos demonstrating intraventricular hemorrhage and white matter injury, making this an indispensable multimedia resource in pediatric neurology. Gain a clear visual understanding from the numerous illustrations, informative line drawings, and summary tables. Tap into the expertise of an authoritative and respected team of editors and contributors. Get comprehensive coverage of all aspects of pediatric neurology with a clinical focus useful for both the experienced clinician and the physician-in-training. Access the fully searchable text online at www.expertconsult.com, along with 16 additional online-only chapters, downloadable images, videos demonstrating intraventricular hemorrhage and white matter injury, and links to PubMed. Stay current on recent developments through extensive revisions: a new chapter on paraneoplastic syndromes in children; a new section on congenital brain malformations written by leading international authorities; and another one on cutting-edge pediatric neuroscience concepts relating to plasticity, neurodegeneration of the developing brain, and neuroinflammation. Apply the latest information on diagnostic modalities, including pediatric neuroimaging, spinal fluid examination, and neurophysiology *Nursing Diagnosis Reference Manual, Sixth Edition* helps nursing students and practicing nurses prepare care plans accurately and efficiently for every NANDA-approved nursing diagnosis. The book features a life-cycle format, with sections on adult, adolescent, child, maternal-neonatal, and geriatric health. Sections on community-based health (care plans on home health, health promotion, and more) and psychiatric/mental health round out the volume. Each care plan includes clear-cut criteria for identifying the right nursing diagnosis, assessment guidelines, outcome statements, rationales with all interventions, and documentation guidelines. *THE encyclopedic guide to hepatology - for consultation by clinicians and basic scientists* Previously the *Oxford Textbook of Clinical Hepatology*, this two-volume textbook is now with Blackwell Publishing. It covers basic, clinical and translational science (converting basic science discoveries into the practical applications to benefit people). Edited by ten leading experts in the liver and biliary tract and their diseases, along with outstanding contributions from over 200 international clinicians, this text has global references, evidence and extensive subject matter - giving you the best science and clinical practice discussed by the best authors. It includes unique sections on: Symptoms and signs in liver disease Industrial diseases affecting the liver The effects of diseases of other systems on the liver The effects of liver diseases on other systems It's bigger and more extensive than other books and discusses new areas in more depth such as stem cells, genetics, genomics, proteomics, transplantation, mathematics and much more. Plus, it comes with a fully searchable CD ROM of the entire content. Click here to view a sample chapter on the liver and coagulation This text offers an authoritative account of general medical and surgical conditions as they apply to the practice of dentistry and oral healthcare. Now established as the standard reference on the subject, *Medical Problems in Dentistry* is essential for students learning for the first time or practitioners needing to keep up-to-date with their knowledge. Detailed coverage outlines the complete relevance of systemic diseases and their treatment to dentistry - essential knowledge for the whole dental team User-friendly format allows ease of access to information whether for exam revision purposes or for a specific issue confronting staff in a busy clinical environment Clearly written with excellent use of illustrations, the book is an essential, easy to use, reliable source of information Text completely updated and re-organised to increase focus on the more dentally-relevant aspects of medicine and subject areas that have undergone recent change Entries more fully alphabetized to improve access to information Accompanying 'key points boxes' highlight the most crucial aspects of specific medical conditions Content peer-reviewed by a specialist Advisory Board to ensure accuracy of information and the inclusion of the latest advances Additional coverage of autoinflammatory disorders, biological response modifiers, craniofacial transplantation, drug reactions, drug-resistant microbial infections, osteonecrosis, and immune reconstitution syndrome Completely new entries such as alternative and complementary medicine, health promotion, men's issues and occupational health New national and international guidelines, selected recent references and up-to-date websites A fully revised edition of the classic textbook for students and medical practitioners in Africa. *Veterinary Microbiology* Comprehensive reference work on the bacterial, fungal, and viral pathogens that cause animal diseases *Veterinary Microbiology, Fourth Edition* presents comprehensive information based on the most recent research, diagnostic, and clinical publications for bacterial, fungal, and viral animal diseases. The information provided is intended to be most relevant for veterinary students and practitioners. The text is supported throughout by high-quality and full-color images to aid learning. A companion website offers chapter content, supplemental information, and figures from the book in PowerPoint format. Sample topics discussed within the book include: Pathogenic bacteriology: includes major classifications and genera of bacteria associated with veterinary infectious disease Pathogenic mycology: dermatophytes, agents of subcutaneous mycoses, and agents of systemic mycoses Pathogenic virology: includes RNA and DNA viruses as well as prions associated with veterinary infectious disease Now in a much-anticipated two-volume new edition, this gold-standard reference stands as the most comprehensive and authoritative text on equine reproduction. Serving theriogenologists, practitioners and breeders worldwide as a one-stop resource for the reproductive assessment and management of equine patients, *Equine Reproduction, Second Edition* provides detailed information on examination techniques, breeding procedures, pregnancy diagnosis and management, reproductive tract diseases and surgery, and foaling. A companion website offers hundreds of images from the book in color. For the Second Edition, the stallion, mare and foal sections have been thoroughly updated and revised to include the latest information on every subject. New topics include discussion of nutritional and behavioral factors in the broodmare and stallion, parentage testing, fetal sexing and the health and management of older foals, weanlings and yearlings. Additionally, this outstanding Second Edition features a new

section on assisted reproductive techniques, including detailed information on artificial insemination, in-vitro fertilization, embryo transfer and technology. Published in collaboration with the ONS, this text is the definitive source for concepts and practices in oncology nursing and can be used for orientation of nurses to oncology, inservice and continuing education programs for practicing nurses, a basis for curriculum development in graduate programs, and as a review tool for certification. Based on the blueprint of the certification examination by the ONCC (Oncology Nursing Certification Corporation), the book is in outline format to help readers focus on the most important information. Instructor resources available; contact your sales representative for details. Covers the entire scope of the specialty ensuring comprehensive coverage Outline format helps the reader focus on the most important information Effective guide for teaching and learning for in-service, continuing education, and academic programs Powerful study tool for the ONCC certification exam Tables and figures illustrate complex concepts * Entirely revised, updated, and expanded to reflect the current state of oncology nursing practice. * Expanded pain management content. * New content on nonpharmacologic interventions (e.g. heat massage, imagery). * New content on alternative therapies. Strategies for providing optimal care to this high-risk patient group The immunocompromised patient population is increasing throughout the world. Major advances in transplantation techniques have expanded access to lifesaving therapies and improved outcomes in these high-risk populations. An understanding of the biology of these infections, host conditions, and the limitations of technologies used to detect and quantify such pathogens is critical to optimal care. This new edition of Diagnostic Microbiology of the Immunocompromised Host covers all aspects of state-of-the-art diagnostics for infectious complications in the immunocompromised patient. Editors Randall Hayden, Karen Carroll, Yi-Wei Tang and Donna Wolk, assembled the contributions of a team of preeminent authors to discuss a broad range of topics, including relevant aspects of host biology, antineoplastic, and transplantation techniques and the basis of immunosuppressive conditions ranging from diabetes to age-related immunosuppression approaches, interpretations, and limitations of laboratory diagnosis of infections by a wide range of specific etiologic agents laboratory diagnosis of infections of specific organ systems, such as respiratory tract infections, gastrointestinal tract infections, and central nervous system infections special topics such as prosthetic devices and catheters, healthcare acquired infections, and morphologic considerations (anatomic pathology) future diagnostic technologies and their potential impact on the field Diagnostic Microbiology of the Immunocompromised Host is a resource for laboratory medicine specialists, pathologists, technologists, students, and clinical care professionals who are involved or interested in the care of the immunocompromised host. Ideally suited for rapid reference and efficient, effective recall, Clinical Ophthalmology: A Systematic Approach will keep you up to date with current and evolving practice in the diagnosis and management of ophthalmic disorders, using a visually rich, succinct format that facilitates comprehension for trainees and practitioners. You'll have access to the latest advances in the field. Grasp key information and effectively prepare for examinations with a pictorial, bulleted approach - both highly visual and concise, for more efficient study. Move rapidly throughout the text to find the information you need, with color coding and at-a-glance key points. Learn from two renowned experts in the field. Includes over 2,700 high-quality images, 1,000 of which appear for the first time in this edition. Master the latest advances in ophthalmology: radical changes in the management of macular disease, including the widespread introduction of VEGF inhibitor therapy; recent developments in the investigation and treatment of retinal vascular disease; new pharmaceutical interventions for a range of conditions, including infectious eye disease and glaucoma; and updated surgical procedures and methods, including oculoplastic, corneal, and glaucoma surgery. Guidance on examination, imaging, and recognition of systemic conditions associated with ocular disease. A complete, state-of-the-art bible of interprofessional primary care in one easy-to-use resource for Interprofessional Primary Care A truly interprofessional primary care textbook, created by DNPs/APRNs, MDs, PharmDs, PAs, CNSs, and CNMs Evidence-based practice guidelines for Primary Care Includes community care, team work, and wellness coachings Strong guidance on differential diagnosis, disease prevention, risk reduction and lifestyle management Across the lifespan focus PLUS gender, occupational and palliative care considerations Case Studies in PPT format available to faculty adopting the text This second edition of Primary Care delivers succinct, current, and integrated information on the assessment, differential diagnosis, treatment, and management of individuals with commonly seen conditions in primary care settings. Written and edited by APNs, MDs, PAs, PharmDs and other health professionals, it emphasizes guidance on differential diagnosis, interprofessional primary care, lifestyle management, health promotion, risk reduction, and disease prevention. The text features relationship-centered care, extensive coverage of age, gender, and occupational considerations; complementary approaches; nutritional assessment; violence exposure and vulnerability assessment; family, community, and cultural assessment; palliative care; and evidence-based practice guidelines. This important text presents current diagnostic criteria for each condition and includes relevant anatomy, pathology, and physiology, epidemiology of the condition, including cultural and economic factors, risk identification, and disease prevention strategies. Also included are related laboratory studies, the focused physical exam, wellness coaching, treatment options, potential pitfalls, and much more. Additionally, the book includes clinical "pearls", clinical warnings, referrals and warning points, and references. The text is of value to all interprofessional primary care providers, with a special focus on the needs of advanced practice nurses and MSN/DNP students, and as a course textbook for teaching primary health care topics New to the Second Edition: Increased focus on interprofessional primary care, including community care, team work, and wellness coaching Strong guidance on differential diagnosis, disease prevention, risk reduction and lifestyle management Broad team of interprofessional authors and editors Special focus on elder/geriatric primary care and palliative care Evidence-based practice guidelines Stronger focus on age, gender, and occupational considerations Focus on age, gender, and occupational considerations Case Studies in PPT format available to faculty adopting the text 2 Vol set. Tropical Infectious Diseases: Principles, Pathogens and Practice, by Drs. Richard L. Guerrant, David H. Walker, and Peter F. Weller, delivers the expert, encyclopedic guidance you need to overcome the toughest clinical challenges in diagnosing and treating diseases caused by infectious agents from tropical regions. Sweeping updates to this 3rd edition include vaccines, SARS, hepatitis A-E, Crimean-Congo hemorrhagic fever virus, tick-borne encephalitis and Omsk hemorrhagic fever, human papilloma virus, and mucormycosis. New full-color images throughout allow you to more accurately view the clinical manifestations of each disease and better visualize the life cycles of infectious agents. Definitive, state-of-the-art coverage of pathophysiology as well as clinical management makes this the reference you'll want to consult whenever you are confronted with tropical infections, whether familiar or unfamiliar! Obtain complete and trustworthy advice from hundreds of the leading experts on tropical diseases worldwide, including cutting-edge summaries of pathophysiology and epidemiology as well as clinical management. Get the latest answers on vaccines, SARS, hepatitis A-E, Crimean-Congo hemorrhagic fever virus, tick-borne encephalitis and Omsk hemorrhagic fever, human papilloma virus, mucormycosis, and much more. Implement best practices from all over the world with guidance from almost twice as many international authors - over 100 representing more than 35 countries. Accurately view the clinical manifestations of each disease and visualize the life cycles of infectious agents with new full-color images throughout. The most complete and definitive reference to all aspects of poultry diseases, Diseases of Poultry, Fourteenth Edition has been fully revised and updated to offer a comprehensive survey of current knowledge. Updates the definitive reference of poultry health and disease Provides more clinically relevant information on management of specific diseases, contributed by clinical poultry veterinarians Offers information on disease control in organic and antibiotic-free production Presents more concise, streamlined chapters for ease of use Incorporates advances in the field, from new diagnostic tools and information to changes brought about by the increasing globalization and the re-emergence of zoonotic pathogens Principles and Practice of Pediatric Infectious Disease provides the comprehensive and actionable coverage you need to understand, diagnose, and manage the ever-changing, high-risk clinical problems caused by pediatric infectious diseases. With new chapters, expanded and updated coverage, and increased worldwide perspectives, this authoritative medical reference offers the latest need-to-know information in an easily-accessible, high-yield format for quick answers and fast, effective intervention! Spend less time searching thanks to a consistent, easily-accessible format featuring revised high-yield information boxes, highlighted key points, and an abundance of detailed illustrations and at-a-glance tables. Be prepared for the unexpected! A veritable "who's who" of global authorities provides practical knowledge to effectively diagnose and manage almost any infectious disease you may encounter. Quickly look up the answers you need by clinical presentation, pathogen, or type of host. Get expanded coverage for all types of infectious diseases including new chapters on infection related to pets and exotic animals, and tickborne infections. Apply the latest recommendations and treatments for emerging and re-emerging diseases including the H1N1 virus. Diseases, the second volume in the four volume set, The Mouse in

Biomedical Research, departs from the first edition, by discussing specific disease causing microorganisms, rather than the format used in the first edition which discussed infectious diseases affecting specific organs and tissues. As such, the volume consists of 26 chapters subdivided into RNA viruses and DNA viruses, as well as bacterial, mycotic, and parasitic infections. These chapters not only provide updates on pathogenesis, epidemiology and prevention of previously recognized murine pathogens, but also include information on newly recognized disease-causing organisms: mouse parvovirus, cilia associated respiratory bacilli and *Helicobacter* spp. A separate category, consisting of 3 chapters, discusses zoonoses, tumor pathology of genetically engineered mice, and spontaneous diseases in commonly used mouse strains. This book on NeuroAIDS, a collection of chapters written by experts and specialists from around the world, provides a global perspective on HIV and NeuroAIDS in the field, clinic, and laboratory. The chapters address the comorbidity of HIV and other infectious agents, including Zika virus, Ebola, Chagas disease, TB and HCV. Also discussed are key topics, such as: · Molecular socioepidemiology · Global HIV and NeuroAIDS · Neuropathology · cART and blood-brain barrier penetration · HIV replicative oscillations · HIV and SIV evolution · Psychiatric comorbidities · Neurosyphilis · The examination of current and innovative models of translational research to translational effectiveness

The Manual of Arthroscopic Surgery provides the most up to date state of the art for all those dealing with arthroscopic diagnosis and treatment. A standardised structure of the individual chapters facilitates the retrieval of information: Diagnosis, therapeutic management including decision-making for conservative and operative treatment, arthroscopic results and surgical techniques. The latter are described in a practical how-to-do step-by-step manner. 2,000 brilliant figures illustrate each operative step. The comprehensive manual includes rare conditions as well and provides detailed information on tricks and pitfalls. In its entirety it reflects the most up to date high-tech standard of arthroscopy.

Medical microbiology concerns the nature, distribution and activities of microbes and how they impact on health and wellbeing, most particularly as agents of infection. Infections remain a major global cause of mortality and in most hospitals around one in ten of those admitted will suffer from an infection acquired during their stay. The evolution of microbes presents a massive challenge to modern medicine and public health. The constant changes in viruses such as influenza, HIV, tuberculosis, malaria and SARS demand vigilance and insight into the underlying process. Building on the huge success of previous editions, Medical Microbiology 18/e will inform and inspire a new generation of readers. Now fully revised and updated, initial sections cover the basic biology of microbes, infection and immunity and are followed by a systematic review of infective agents, their associated diseases and their control. A final integrating section addresses the essential principles of diagnosis, treatment and management. An unrivalled collection of international contributors continues to ensure the relevance of the book worldwide and complementary access to the complete online version on Student Consult further enhances the learning experience. Medical Microbiology is explicitly geared to clinical practice and is an ideal textbook for medical and biomedical students and specialist trainees. It will also prove invaluable to medical laboratory scientists and all other busy professionals who require a clear, current and most trusted guide to this fascinating field. Explains the role of nursing diagnosis in clinical practice; provides information on definitions, characteristics, related factors, and interventions for nursing diagnoses; and offers information on collaborative problems. Master the art of caring for children with most effective, efficient, and affordable title on pediatric nursing care. Taking on a family focus, this student-friendly text teaches growth, development, and information on the major body system alterations. Plus, dramatically streamlined content and new learning tools make this new edition even more tailored to your learning needs. Expert reviews of chapter content ensure all chapters include current practices, terms, and updated information. Health Promotion boxes summarize information from the American Academy of Pediatrics to teach you how to perform a comprehensive assessment of well infants and children at various ages. Illustrated Procedure boxes include step-by-step instructions for common nursing tasks. Pathophysiology boxes explain changes in physiology that occur in a variety of diseases and disorders in children. Nursing process highlighted in nursing care plans and in-text discussions. Clinical Reference pages provide students with easy-to-find reference sections, including basic anatomy and physiology, pediatric differences, related laboratory and diagnostic tests, and commonly prescribed medications. Safety Alert boxes highlight patient safety as part of the QSEN initiative for better outcomes of nursing care. Updated Evidence-Based Practice boxes (formerly Using Research to Improve Practice) assist you in determining best practices in your future care of children. Patient-Centered Care boxes guide you in teaching the parents and child about self-care in the home and follow-up care in community-based health care settings. Streamlined Nursing Care Plans have been reformatted to make them easier to read and use. Updated photos throughout the book keep the text up-to-date and visually appealing. Key concepts are highlighted in the book and their definitions are provided in a glossary. Stay up to date with the rapidly changing field of medical sonography! Heavily illustrated and extensively updated to reflect the latest developments in the field, Textbook of Diagnostic Sonography, 7th Edition equips you with an in-depth understanding of general/abdominal and obstetric/gynecologic sonography, the two primary divisions of sonography, as well as vascular sonography and echocardiography. Each chapter includes patient history, normal anatomy (including cross-sectional anatomy), ultrasound techniques, pathology, and related laboratory findings, giving you comprehensive insight drawn from the most current, complete information available. Full-color presentation enhances your learning experience with vibrantly detailed images. Pathology tables give you quick access to clinical findings, laboratory findings, sonography findings, and differential considerations. Sonographic Findings highlight key clinical information. Key terms and chapter objectives help you study more efficiently. Review questions on a companion Evolve website reinforce your understanding of essential concepts. New chapters detail the latest clinically relevant content in the areas of: Essentials of Patient Care for the Sonographer Artifacts in Image Acquisition Understanding Other Imaging Modalities Ergonomics and Musculoskeletal Issues in Sonography 3D and 4D Evaluation of Fetal Anomalies More than 700 new images (350 in color) clarify complex anatomic concepts. Extensive content updates reflect important changes in urinary, liver, musculoskeletal, breast, cerebrovascular, gynecological, and obstetric sonography. No other textbook provides coverage of the essential concepts of disease processes and disorders with the specific needs of the physical therapy assistant in mind. Pathology for the Physical Therapist Assistant provides coverage of disease processes and systemic disorders as well as guidelines, precautions, and contraindications for physical therapy interventions. Catherine Goodman, Kenda Fuller, and Robbie O'Shea share their expertise in a consistent, well-organized approach that defines each disorder, describes the appropriate physical therapy assessment and intervention, and rounds out the discussion with relevant case study examples based on established practice patterns. Chapters follow a consistent organization, first defining a disorder and then describing the appropriate physical therapy assessment and intervention. Full-color art throughout clearly depicts pathologies and interventions. Case studies provide examples of physical therapy applications to help you connect theory and practice and build strong clinical reasoning skills. Special boxes highlight Clinical Signs, Interventions, and Case Studies to alert you to important information within the text. Terminology and language from the Guide to Physical Therapy Practice is used throughout to familiarize you with standardized terminology used in practice. A companion Evolve website provides additional online learning activities including online chapters, references linked to Medline, case studies, and self-test questions. With its consistent, practical organization and succinct bulleted format, Atlas of Head and Neck Pathology, 4th Edition, is an ideal resource for pathologists in training and in practice. High-quality illustrations with extensive figure legends depict the histological, immunohistochemical, cytologic and diagnostic imaging appearances of every type of head and neck pathology, while the user-friendly format allows for quick access to information. From cover to cover, this comprehensive reference is designed to help you effectively and accurately diagnose a wide range of head and neck disorders, improve your turnaround time when diagnosing a specimen, and facilitate clear reports on prognosis and therapeutic management options to surgical and medical colleagues. Uses a templated approach with standard headings in each chapter, as well as bulleted text for fast retrieval of information. Explores each entity's clinical features, pathologic features, ancillary studies, differential diagnoses, and prognostic and therapeutic considerations. Covers recent advances in molecular diagnostic testing, including capabilities, limitations, and targeted/personalized medicine. Includes clinical information on treatment and prognosis for a better understanding of the clinical implications of diagnosis. Incorporates the most current WHO classification systems, as well as new diagnostic biomarkers and their utility in differential diagnosis, newly described variants, and new histologic entities. Shares the knowledge and expertise of new co-author Dr. Juan C. Hernandez-Prera. Written by the world's leading scientists and spanning over 400 articles in three volumes, the Encyclopedia of Food Microbiology, Second Edition is a complete, highly structured guide to current knowledge in the field. Fully revised and updated, this encyclopedia reflects the key advances in the field since the first edition was

published in 1999 The articles in this key work, heavily illustrated and fully revised since the first edition in 1999, highlight advances in areas such as genomics and food safety to bring users up-to-date on microorganisms in foods. Topics such as DNA sequencing and E. coli are particularly well covered. With lists of further reading to help users explore topics in depth, this resource will enrich scientists at every level in academia and industry, providing fundamental information as well as explaining state-of-the-art scientific discoveries. This book is designed to allow disparate approaches (from farmers to processors to food handlers and consumers) and interests to access accurate and objective information about the microbiology of foods Microbiology impacts the safe presentation of food. From harvest and storage to determination of shelf-life, to presentation and consumption. This work highlights the risks of microbial contamination and is an invaluable go-to guide for anyone working in Food Health and Safety Has a two-fold industry appeal (1) those developing new functional food products and (2) to all corporations concerned about the potential hazards of microbes in their food products 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.

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