

Veterinary Drug Handbook Desk Edition Ebook

A practical reference for the general veterinary clinician, *Small Animal Pediatrics: The First 12 Months of Life* compiles into a single location the latest information in the rapidly developing field of canine and feline pediatrics. Editors Michael Peterson, DVM, MS, and Michelle Kutzler, DVM, PhD, DACT are joined by more than 40 expert contributors in providing coverage from prenatal care to one year of age. For ease of use, the text is divided into four sections. A General Considerations section opens the book by covering prenatal care of the bitch and queen, birth, normal physical examinations, growth, husbandry, nutrition, care of orphans, neonatal mortality, behavior, emergency and critical care, and immunology. The second section, Common Infectious Diseases, covers bacterial, viral, fungal, rickettsial, and parasitic infections. The third section describes diagnostic and therapeutic approaches to the young patient including radiology, ultrasound, aesthetic and surgical considerations, pain management, pharmacology, and clinical pathology. Finally, the fourth section covers a variety of organ systems with discussions on normal development, congenital conditions, and acquired diseases. The text also includes information that is usually difficult to find, including a pediatric formulary, care of orphan puppies, clinical pathology values, prenatal care, and normal growth and development guidelines. This book will be a significant

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asset to any veterinary library! Offers a practical, clinically oriented resource for the unique diagnostic and treatment challenges posed by pediatric and juvenile animal patients. Includes comprehensive coverage of all special problems encountered in pet management from birth through the first 12 months of life. Provides clear, step-by-step guidelines for important clinical procedures and techniques for the most vulnerable of small animal patients. Covers procedures such as intraosseous catheterization and fluid therapy, venipuncture, and tube feeding. Includes guidelines for designing and implementing a successful pediatric wellness program tailored to your own practice. Discusses infectious diseases in young animals, zoonotic potential, and human public health concerns. Provides key new information on puppy and kitten behavioral development including guidance for prevention and intervention for problem behaviors, the leading cause of pet euthanasia. Includes guidelines for kennel and cattery health management as well as shelter medicine health considerations. Discusses controversial health and ethical issues in veterinary pediatrics, such as ear cropping, tail docking, declawing, and early spay/neuter surgery (including both pro and con positions). Includes the latest recommendations for nutritional care of healthy and "special needs" puppies and kittens as well as the post-parturient and nursing dam. Offers an easy-to-use, well-organized format for quick and easy access to the most relevant information.

Small Animal Critical Care Medicine is a comprehensive, concise guide to critical care, encompassing not only

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triage and stabilization, but also the entire course of care during the acute medical crisis and high-risk period. This clinically oriented manual assists practitioners in providing the highest standard of care for ICU patients. More than 150 recognized experts offer in-depth, authoritative guidance on clinical situations from a variety of perspectives. Consistent, user-friendly format ensures immediate access to essential information. Organ-system, problem-based approach incorporates only clinically relevant details. Features state-of-the-art invasive and non-invasive diagnostic and monitoring procedures, as well as an extensive section on pharmacology. Appendices provide conversion tables, continuous rate infusion determinations, reference ranges, and more.

Small Animal Medical Differential Diagnosis, 2nd Edition is a practical, concise guide to the differential diagnosis, etiology, laboratory abnormalities, and classification of clinical signs and medical disorders in dogs and cats. By covering nearly every possible sign and clinical disorder relevant to small animal medical practice, this pocket-sized, rapid reference helps you make more reliable on-the-scene decisions. More than 400 lists bring the most important medical diagnostic information from multiple resources into a single rapid reference. An organized presentation of differential diagnoses by sign and symptom, disorder, and body system, facilitates quick and flexible access to information at many stages of the diagnostic work-up. Alphabetical listing of all relevant laboratory tests makes information easy to find for students and experienced practitioners alike. Easily

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identify the likeliest diagnosis by reviewing the possibilities listed in order of incidence. Pocket-sized for portability, practicality, and quick reference. NEW! Coverage of new disorders and syndromes expands the span of differential diagnoses to help you effectively evaluate more signs and symptoms. NEW! Addition of new and more widely used diagnostic and laboratory tests keeps you up-to-date as lab tests become more specialized and sophisticated.

The leading reference for the diagnosis and management of fluid, electrolyte, and acid-base imbalances in small animals, *Fluid, Electrolyte, and Acid-Base Disorders in Small Animal Practice, 4th Edition* provides cutting-edge, evidence-based guidelines to enhance your care of dogs and cats. Information is easy to find and easy to use, with comprehensive coverage including fluid and electrolyte physiology and pathophysiology and their clinical applications, as well as the newest advances in fluid therapy and a discussion of a new class of drugs called vaptans. Lead author Stephen DiBartola is a well-known speaker and the "go-to" expert in this field, and his team of contributors represents the most authoritative and respected clinicians and academicians in veterinary medicine. Over 30 expert contributors represent the "cream of the crop" in small animal medicine, ensuring that this edition provides the most authoritative and evidence-based guidelines. Scientific, evidence-based insights and advances integrate basic physiological principles into practice, covering patient evaluation, differential diagnosis, normal and abnormal clinical features and

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laboratory test results, approaches to therapy, technical aspects of therapy, patient monitoring, assessing risk, and prediction of outcomes for each disorder. Hundreds of tables, algorithms, and schematic drawings demonstrate the best approaches to diagnosis and treatment, highlighting the most important points in an easy-access format. Drug and dosage recommendations are included with treatment approaches in the Electrolyte Disorders section. Clear formulas in the Fluid Therapy section make it easier to determine the state of dehydration, fluid choice, and administration rate and volume in both healthy and diseased patients. Updated chapters cover the latest advances in fluid therapy in patient management, helping you understand and manage a wide range of potentially life-threatening metabolic disturbances. Expanded Disorders of Sodium and Water chapter includes information on a new class of drugs called vaptans, vasopressin receptor antagonists that may soon improve the ability to manage patients with chronic hyponatremia. Hundreds of new references cover the most up-to-date advances in fluid therapy, including renal failure and shock syndromes. Designed to be a concise, quick reference for veterinarians and anyone working with exotic animals, this portable formulary addresses common questions and medical situations encountered in clinical practice. Coverage of all drugs -- including antimicrobial, antifungal, and antiparasitic agents -- provides appropriate dosage information and comments for all exotic species. This resource features extensive coverage of birds, as well as recommendations on

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therapies and diets in the appendices. Covers all exotic species in a quick-reference format. User-friendly layout is formatted in columns with the agent, dosage, and comments easy to locate on the page. Features an extensive section on birds, the most common of exotic pets. Detailed appendices include classification of select antimicrobials used in exotic animal medicine, therapies commonly used in exotic animals, and selected laboratories conducting avian and reptile diagnostic procedures Many new drugs have been added. All drug dosages have been re-checked to ensure accuracy. Twelve excellent contributing authors have joined this edition.

Handbook of Veterinary Neurology provides quick access to vital information on neurologic conditions in a wide range of species, including canine, feline, bovine, caprine, equine, ovine, and porcine. A problem-oriented approach makes it easy to diagnose and treat neurologic problems in small and large animals. The coverage of disorders by problem, not by established disease diagnosis, emulates how animals present to the veterinary hospital and simplifies the formulation of a correct diagnosis. Within each chapter, discussions of neurologic disease include a review of the localization criteria and the diseases that can cause that problem, plus treatment and surgical techniques. Lead author Michael D. Lorenz brings decades of experience to neurologic assessment, using a diagnostic approach that requires minimal knowledge of neuroanatomy. A problem-based approach is organized by presenting sign rather than by condition, guiding you to logical conclusions

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regarding diagnosis and treatment. Algorithms diagram the logic necessary to localize lesions and to formulate diagnostic plans. Coverage of current diagnostic techniques includes the use of diagnostic tools, such as radiology, spinal fluid analysis, electrodiagnosis, and MR imaging. Case histories in each chapter present a problem and the results of the neurologic examination, then ask you to solve the problem by localizing the lesion, listing probable causes, and making a diagnostic plan. Answers are provided at the back of the book. A consistent format for each case history includes signalment, history, physical examination findings, and neurologic examination. A comprehensive appendix describes species and breeds that have a congenital predisposition for particular neurologic diseases. Extensive references make it easy to pursue in-depth research of more advanced topics. A companion website includes 20 narrated video clips with accompanying PowerPoint slides that correlate to the case histories in the book, covering neurologic assessment and clinical problems such as paresis of one limb, tetraparesis, stupor, seizures, ataxia of the head and limbs, and cranial nerve disorders. Two new co-authors, Jean Coates and Marc Kent, board-certified in neurology, enhance the credibility of this edition. A full-color design and numerous illustrations include enhanced images of neuroanatomy and pathology.

A pharmaceutical handbook for the practicing veterinarian. The authors have divided the book into sections: small animal, large animal, exotic and avian. Each section provides both a summary of common

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dosages and a detailed description of drugs used. These descriptions, organized alphabetically, include indications, routes of administration, adverse and common side effects, drug interactions, source of supply and, in many cases, both the US and Canadian generic names.

Treat the diseases affecting large animals! *Veterinary Medicine, 11th Edition* provides up-to-date information on the diseases of horses, cattle, sheep, goats, and pigs. Comprehensive coverage includes the principles of clinical examination and making a diagnosis, along with specific therapy recommendations. For easier use, this edition has been divided into two volumes and restructured into a logical, anatomically based approach to disease. From internationally known veterinary experts Peter Constable, Kenneth Hinchcliff, Stanley Done, and Walter Grünberg, this book is the definitive, one-stop reference for farm animal and equine care.

Comprehensive coverage includes information essential to any large-animal veterinarian, especially those working with horses, cattle, sheep, goats, or pigs.

Coverage of diseases addresses major large-animal diseases of all countries, including foreign animal and emerging diseases. User-friendly format makes it easier to quickly absorb key information. Quick review/synopsis sections make important information on complex diseases easy to find. NEW! Convenient, easy-access format is organized by organ systems, and divides the content into two compact volumes with the same authoritative coverage. Nearly 200 new color photographs and line drawings are included in this

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edition. NEW full-color design improves navigation, clarifies subject headings, and includes more boxes, tables, and charts for faster reference. New Diseases Primarily Affecting the Reproductive System chapter is added. Updated and expanded chapter on pharmacotherapy lists therapeutic interventions and offers treatment boxes and principles of antibiotic use. Expanded sections on herd health include biosecurity and infection control, and valuable Strength of Evidence boxes. NEW or extensively revised sections include topics such as the Schmallenberg and Bluetongue viral epidemics of ruminants in Europe, Wesselbron disease in cattle, hypokalemia in adult cattle, equine multinodular pulmonary fibrosis, Hendra virus infection, porcine reproductive and respiratory syndrome, torque teno virus, and numerous recently identified congenital and inherited disorders of large animals. Additional content is provided on lameness in cattle and the diseases of cervids.

Although the United States (U.S.) and the more developed nations of the remainder of the world are blessed with a variety of pharmaceuticals, feed additives, and biological products to treat, prevent, and control animal diseases, there is a healthy desire among persons involved in animal health issues to increase our animal medicine chest. The interest stems from the desire to efficiently produce food that is safe and plentiful and from the desire to have more and better government-approved products available for the prevention and treatment of diseases of dogs, cats, and horses and for an increasing variety of minor animal species. For the animal health industry, increased drug availability means broader markets, increased revenues, and an opportunity to better

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serve their customers. For the veterinarian, more animal health products means that he or she is better able to treat the usual and the unusual conditions, and to prevent animal disease and suffering. No doubt, we are all winners when new technology and industrial and regulatory initiatives hasten the availability of safe and effective animal health products.

Diagnose and manage diseases using the newest information and research! *Pathologic Basis of Veterinary Disease – Expert Consult, 6th Edition* provides complete, illustrated coverage of both general pathology and the pathology of organ systems of domestic animals. Addressing species from dogs and cats to pigs and cattle — and many more — this reference describes the lesions and pathogeneses of diseases, how cells and tissues respond to injury, and the interplay of host defense mechanisms with microbes and injurious agents. Updates include the latest scientific advances and diagnostic information. Written by a team of expert contributors, this book includes an Expert Consult website with access to the complete digital book plus thousands of images and guidelines for sample acquisition and for performing a complete necropsy. Complete coverage of both general pathology and pathology of organ systems is provided in one convenient resource, and includes the latest information available. Over 20 recognized experts deliver the most relevant information for the practitioner, student, or individual preparing for the American College of Veterinary Pathology board examination. UPDATED content on cellular and organ system pathology includes the latest insights into the science of inflammation, healing, and molecular carcinogenesis, as well as expanded coverage of genetics and disease. Over 2,100 full-color illustrations include color schematics, flow charts, and diagrammatic representations of disease processes as well as summary tables and boxes,

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making it easier to understand difficult concepts. Clear, up-to-date explanations of disease mechanisms describe cell, tissue, and organ response to injury and infection. Easy-to-follow organization for each systemic disease chapter includes a brief review of basic principles related to anatomy, structure, and function, followed by congenital and functional abnormalities and discussions of infectious disease responses, helping you apply principles to veterinary practice. Expert Consult website provides the reader with the complete digital text plus: An image collection; guidelines for performing a complete, systematic necropsy and appropriate sample acquisition for all organ systems; a comprehensive glossary; and an appendix of photographic techniques in veterinary pathology. NEW line drawings and schematic diagrams depict current concepts about pathogeneses and lesions of veterinary diseases. NEW! Essential Concept boxes in each basic pathology chapter break down long and complicated topics, making it easier to understand lesions and pathogeneses in the 'organ system' chapters. NEW! Key Readings Index at the beginning of each chapter includes page numbers, making important information easy to locate. Papich Handbook of Veterinary Drugs, 5th Edition includes concise entries for more than 550 drugs, with appendices summarizing clinically relevant information at a glance. Nineteen new drug monographs are added to this edition, and over 100 drug monographs have been updated and revised. An Expert Consult website contains more than 150 instructional handouts that may be customized and printed out for your clients. Written by clinical pharmacology expert Mark Papich, this handy reference makes it easy to find the drug data and dosage recommendations you need to treat small and large animals, right when you need it! Over 550 concise drug monographs are organized alphabetically and cross-referenced by classification, trade, and generic name,

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providing quick and easy access to key information for each drug including:

- Generic and trade names, pronunciation, and functional classification
- Pharmacology and mechanism of action
- Indications and clinical uses
- Precautionary information — adverse reactions and side effects, contraindications and precautions, and drug interactions — all featured in colored boxes for at-a-glance retrieval
- Instructions for use
- Patient monitoring and laboratory tests
- Formulations available
- Stability and storage
- Dosage information for both small and large animals
- Regulatory information

Clinically relevant appendices help you determine appropriate therapeutic regimens and look up safety and legal considerations. NEW! 19 new drug monographs familiarize you with the latest drugs available for veterinary practice. UPDATED drug monographs include new information such as changes in doses, interactions, indications, adverse reactions, and contraindications. NEW! Expert Consult companion website replaces the former website and includes more than 150 customizable client information handouts for commonly prescribed drugs, including information on the prescribed drug and dosage, do's and don'ts, and possible side effects. NEW! Removal of entries for drugs that have been taken off the market. Accompanying CD-ROM contains ... "customizable client information handouts for 125 of the most commonly prescribed small animal drugs, with clear, concise instructions that encourage compliance."--Page 4 of cover.

This is a fully revised new edition of this essential text covering anaesthesia and analgesia in all large and small animal species. The new edition has greatly expanded sections on anaesthesia of exotic species such as small mammals, llamas, camels and many more, and also has a new section on anaesthesia of wild animals, both large and small, and birds. The book is divided into 3 sections; the first,

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Principles and Procedures covers pharmacology and pharmacokinetics, monitoring, sedation and premedication and much more. The second section comprises chapters on anaesthesia in all the main species and the third section covers anaesthesia in special cases, complications and crises ! Almost 200 prints and line illustrations enhance the comprehensive text, and make the new edition of Veterinary Anaesthesia 10/e an essential purchase for all vets ! all large and small animal species covered in one book: includes new advances in anaesthesia in horses, birds, lab animals and wild animals glossary of USA and UK drug names: up-dated coverage of all new anaesthetic agents in Europe and the USA first section covers principles of drug action, pharmacokinetics and pharmacodynamics the only book to discuss anaesthesia of individual species in detail: lot of info on anaesthesia of goats, sheep and other herbivores such as camels and llamas also covers analgesia in all species chapter on special cases such as anaesthesia in obstetrics chapter on anaesthetic accidents and crises ! the new edition will be made more student-friendly by adding special boxes in the text which will be relevant for this group. Full revision and update of content

No veterinary technician should be without this pocket-sized reference! Ideal for the clinical setting, Mosby's Veterinary PDQ, 2nd Edition provides quick access to hundreds of veterinary medicine facts, formulas, lab values, and procedures. Coverage includes key topics such as pharmacology, math, animal care, common diseases, diagnostic procedures, imaging techniques, parasite identification, urinalysis, blood tests, and other lab work. This full-color, practical guide makes it easy to find the information that is most useful in practice! Easy-to-read charts and tables provide quick access to key information that is commonly used but rarely memorized. Valuable formulas, conversions,

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and lab values make it easy to look up the data needed to deliver safe and effective veterinary care. Quick-access format is organized into 10 tabbed, color-coded sections, and makes it easy to find facts quickly. Full-color photos and line drawings illustrate procedures and tests, dental and surgical instruments, parasites, and urine and blood analysis.

Compact size easily fits in the busy vet tech's pocket. Spiral binding allows you to lay the book flat or keep it open to a page that is commonly referred to. Durable pages can endure the wear and tear of the clinical setting, and may be easily wiped clean. NEW step-by-step procedures include blood collection and injection techniques. NEW drug information covers the newest pharmacologic agents, ensuring you are up to date with uses, adverse side effects, and dosage forms. Coverage of NEW test kits describes the newest testing products available. Increased coverage of capnography and monitoring of patients under anesthesia provides information on these key topics. Added photos of cells and urine sediment show urinalysis and fecal examinations, which are both routinely performed.

The application of evidence-based veterinary medicine (EBVM) can assist in improving and optimising the diagnosis, prognosis, control, treatment and ultimately the welfare of animals. It can also provide the user with a methodology for appropriate, patient orientated life-long, self-directed, learning. To practise evidence-based veterinary medicine we require a range of skills that we may not have. This book explains what evidence-based veterinary medicine is and shows how it can be applied to veterinary practice to improve the quality of care for patients and provide informed choices for owners. It provides the reader with a toolkit of skills necessary to practise evidence-based veterinary medicine. This book is aimed at practitioners but will be of interest to veterinary surgeons at any stage of their training or career

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wishing to learn about EBVM.

The Veterinary Drug Handbook: Client Information Edition helps veterinarians and pharmacists bridge the drug information gap between themselves and the people (clients; owners) who are treating their animals. Several studies have demonstrated that people receiving verbal information from health professionals retain very little of that information once they leave the premises of their health provider. The information provided in this book will supplement the actual care provided and help in the task at hand, namely to improve the health of animals. The authors have included drugs that are commonly prescribed by small animal and equine practitioners, both those that are veterinary and “human” labeled medications. The authors also provide this information in a format that can be understood by any reader. The information presented in these monographs will enable the animal caregiver to be better informed about the medication in question and to work with their veterinarian and pharmacist on the journey to positive therapeutic outcomes. Revision of: Brinker, Piermattei, and Flo's handbook of small animal orthopedics and fracture repair / Donald L. Piermattei, Gretchen L. Flo, Charles E. DeCamp. c2006. 4th ed.

With a unique focus on the most effective interventional techniques, Withrow & MacEwen's Small Animal Clinical Oncology, 5th Edition tells the full story of cancer in dogs and cats — what it is, how to diagnose it, and how to treat many of the most common cancers encountered in clinical practice. Nearly 500 color photographs, diagrams, x-rays, and gross views depict the clinical manifestations of various cancers. This edition covers the latest advances in clinical oncology, including

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chemotherapy, surgical oncology, and diagnostic techniques. With contributions from 65 veterinary oncology experts, this authoritative reference is a must-have for current, evidence-based therapeutic strategies on canine and feline oncology. "I really love this book. If you are interested in veterinary oncology, have a flick through this book online or at a conference when you get the chance. I hope that you agree with me that this is the definitive oncology reference source for the early 21st century and that you feel compelled to buy it. Your patients will thank you for it." Reviewed by: Gerry Polton MA VetMB MSc(Clin Onc) DipECVIM-CA(Onc) MRCVS, UK Date: July 2014 Cutting-edge information on the complications of cancer, pain management, and the latest treatment modalities prepares you to diagnose and treat pets with cancer rather than refer cases to a specialist. A consistent format for chapters on body system tumors includes coverage of incidence and risk factors, pathology, natural behavior of tumors, history and clinical signs, diagnostic techniques and workup, treatment options, and prognosis for specific malignancies. A systems approach to the diagnosis and management of cancer facilitates access to information about the many malignancies affecting small animal patients. Nearly 500 color images provide accurate depictions of specific diseases and procedures. Helpful drug formularies provide quick access to information on indications, toxicities, and recommended dosages for chemotherapeutic and analgesic drugs used in cancer treatment. Expert contributors provide in-depth coverage of the most current information in his or her respective

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specialty in veterinary oncology. Chemotherapy protocols are included when case studies prove clinical efficacy. Discussion of compassion and supportive care for the management of pain, nutritional needs, and grief includes methods for handling the pet's pain and nutritional complications as well as the pet owner's grief when treatment is not successful. Thoroughly UPDATED chapters cover the most recent changes in the clinical management of melanoma, mast cell tumors, tumors of the skeletal system, tumors of the endocrine system, tumors of the mammary gland, urinary cancers, nervous system cancers, lymphoma, and histiocytic diseases. NEW Clinical Trials and Developmental Therapeutics chapter discusses the various phases of clinical trials as well as current challenges and opportunities in oncology drug development. NEW! A focus on the best recommended treatment options highlights therapeutic strategies that have been vetted by veterinary oncology experts. NEW co-author Dr. Rodney L. Page adds his valuable perspective, expertise, and research experience.

Plumb's Veterinary Drug Handbook, Ninth Edition updates the most complete, detailed, and trusted source of drug information relevant to veterinary medicine. Provides a fully updated edition of the classic veterinary drug handbook, with carefully curated dosages per indication for clear guidance on selecting a dose Features 16 new drugs Offers an authoritative, complete reference for detailed information about animal medication Designed to be used every day in the fast-paced veterinary setting Includes dosages for a wide

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range of species, including dogs, cats, exotic animals, and farm animals

An essential guide to the health care of honey bees
Honey Bee Medicine for the Veterinary Practitioner offers an authoritative guide to honey bee health and hive management. Designed for veterinarians and other professionals, the book presents information useful for answering commonly asked questions and for facilitating hive examinations. The book covers a wide range of topics including basic husbandry, equipment and safety, anatomy, genetics, the diagnosis and management of disease. It also includes up to date information on Varroa and other bee pests, introduces honey bee pharmacology and toxicology, and addresses native bee ecology. This new resource: Offers a guide to veterinary care of honey bees Provides information on basic husbandry, examination techniques, nutrition, and more Discusses how to successfully handle questions and 'hive calls' Includes helpful photographs, line drawings, tables, and graphs Written for veterinary practitioners, veterinary students, veterinary technicians, scientists, and apiarists, Honey Bee Medicine for the Veterinary Practitioner is a comprehensive and practical book on honey bee health.

This title is directed primarily towards health care professionals outside of the United States. Designed and written specifically for veterinary nurses, it focuses on the practical application of knowledge and encourages a problem-solving approach by introducing a discussion of the potential uses of drugs and exploring a variety of therapies. The text builds upon a general background of

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anatomy and physiology, chemical sciences and microbiology enabling the reader to understand and engage with the topic more fully. Photographs and detailed line drawings illustrate the more complex areas of pharmacology and aid comprehension of the general action mechanisms of the various drugs discussed. Complicated concepts are presented in a user-friendly way to maximise understanding. The first book on pharmacology that meets the needs of every veterinary nurse - from student to qualified Each chapter is headed with a list of learning outcomes for easy use Inclusion of self-test questions to aid revision A useful reference tool in clinical situations Offers practical advice on pharmacy management Recent research into drug therapy is included and future pharmacological therapies and recommended treatment protocols are discussed 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

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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

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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.

Many controlled release veterinary drug delivery systems (CRVDDS) are presently in use, and recently there has been a host of new CRVDDS within veterinary medicine. The challenges of this area of drug delivery arise from the unique anatomy and physiology of the target animal, the cost constraints associated with the value of the animal being treated and the extended periods of time that delivery must be sustained for (often measured in months). The purpose of this book is to introduce the reader to the unique opportunities and challenges of the field of CRVDDS and to explain and discuss the basic controlled release principles underlying the development of CRVDDS. Its aim is to provide an overview of many of the areas where CRVDDS have application, and to highlight the opportunities and prospects for controlled release technology in the veterinary field. Controlled Release Veterinary Drug Delivery comprises chapters that provide workers in the field (and those interested in this area) with information on the design, development and assessment of a variety of CRVDDS. The book contains chapters that describe the relevant animal physiological and anatomical considerations alongside descriptions of current and emerging controlled release delivery systems for a variety of routes for drug delivery, and present overviews on the physical and chemical assessment of veterinary controlled release delivery systems. The veterinary area is abound with

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opportunities for the development of controlled release drug delivery technologies. It is an area of medicine that is open to the acceptance of novel drug delivery devices, and which readily encompasses the use of novel routes of administration. It is an area of many unmet needs, most of which offer opportunities and unique challenges for the innovative formulation scientist to provide solutions. This book will provide an insight into the biological, clinical and pharmaceutical challenges that face the formulation scientist in this interesting and diverse area of research.

The fourth edition of Donald Plumb's "Veterinary Drug Handbook" remains the resource every veterinarian needs within reach. This one-volume comprehensive coverage of the systemic drugs used in veterinary medicine and an extensive appendix makes it an essential tool.

Laser Therapy in Veterinary Medicine: Photobiomodulation is a complete guide to using therapeutic lasers to treat veterinary patients, focusing on practical information. Offers a comprehensive resource for incorporating therapeutic lasers in veterinary practice Focuses on practical information tailored for the veterinary clinic Written by 37 leading experts in veterinary laser therapy Provides a thorough foundation on this standard-of-care modality Emphasizes clinical applications with a real-world approach

Small Animal Clinical Pharmacology is a practical, clinically-oriented pharmacology text designed to provide the veterinary student and practitioner with all the relevant information needed when designing drug treatment regimens for pets in small animal veterinary practice. Comprehensively updated and revised, the second edition of this core text

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covers essential new information on drugs used in the management of a range of presenting conditions including heart disease and cardiac arrhythmias. For the second edition new authors, superb new illustrations and a second colour have all been introduced. With its unique approach combining a thorough understanding of the pharmacological action of drugs with a basic understanding of the relevant physiology and pathophysiology of systems and tissues affected, *Small Animal Clinical Pharmacology* continues to be an indispensable book for all veterinary students and practitioners. Organised by drug class in a uniform and detailed structure which means it is easy to locate key information on dose rates, routes of administration, drug interactions and special considerations at a glance Key chapters based around treatment of disorders of particular body systems, eg cardiovascular and thyroid disorders Essential introductory chapters covering pharmacokinetics, general pharmacological principles and adverse reactions for a thorough basic grounding in the subject All authors are experienced clinicians and recognised experts in their field who bring a down to earth and practical approach to the text The seventh edition of *Boothe's Small Animal Formulary* includes information on more than 950 small animal drugs—all within a convenient, pocket-sized resource. Featuring more than 50 additional drugs, this updated version includes a new appendix on clinically relevant drug interactions, as well as other new appendices on ophthalmic preparations and scheduled drug classifications. And, the user-friendly design makes it easier than ever to find the information you need fast. New to Seventh Edition:

- Five new appendixes with data on significant drug interactions, ophthalmic preparations, and scheduled drug classifications
- Over 50 new drugs added
- New electronic version (sold separately) sold as an app that contains information from the Orange Book and Adverse Drug

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Experience Reports

Fenner's Veterinary Virology, Fourth Edition, is the long awaited new edition of Veterinary Virology, 3e, which was published in 1999. Fully revised and updated by the new author team, part I presents the fundamental principles of virology related to animal infection and disease, and part II addresses the clinical features, pathogenesis, diagnosis, epidemiology and prevention of individual diseases. New to this Edition New author team - one main author to ensure that the book reads like an authored book but with the benefit of using experts to contribute to specific topics Text has been refocused - part I has been condensed and where appropriate incorporated into part II to make it more user friendly The number of figures have been increased and are now in full color Fully revised and updated to include the latest information in the field of veterinary virology Beautifully illustrated color figures throughout Organized and current information provided by an expert team of authors

Handbook of Veterinary Pharmacology is a clear and concise guide to pharmacology concepts and commonly used veterinary drugs. Providing a succinct overview of veterinary pharmacology, this book presents information in a user-friendly outline format to allow quick access to practical drug information. With chapters covering the basic principles, specific drugs, interactions, and legal considerations, Handbook of Veterinary Pharmacology offers up-to-date information on basic and clinical veterinary pharmacology. As an aid to student comprehension, simple line drawings depict the mechanisms of action and study questions with explanations are included at the end of each chapter. Appendices on withdrawal times for drugs in production animals and drug dosages in domestic species are a valuable tool, allowing quick decisions on drug therapy. Handbook of Veterinary Pharmacology is an indispensable text for

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veterinary students and practitioners.

This single-volume reference contains essential information that veterinary practitioners and students need to know about hundreds of systemic drugs currently available. Veterinary Drug Handbook covers drugs approved for use in veterinary medicine as well as non-approved human drugs routinely used in veterinary practice today. Intended as a rapid reference, it features more than 370 drug monographs that include information on: chemical characteristics; storage, stability, and physical compatibility; pharmacology; pharmacokinetics; uses and indications; contraindications, precautions, and reproductive safety; and adverse effects and warnings. New to the third edition are: more than 25 new drug monographs, information on prescription diets for dogs and cats, and an additional index of drugs by use/indication.

Every day veterinarians in practice are asked to treat pets exhibiting problem behaviors. In the last several years pharmacologic treatments of behavior have made significant advances and can serve as a critical part of therapy.

Veterinary Psychopharmacology is a complete source of current knowledge on the subject of pharmacologic behavior modification that veterinarians can turn to for the answers they need. Classification of disorders is eschewed in favor of in-depth explanations of pharmacologic options in inducing behavior changes. Special emphasis is given to explaining the underlying mechanism of pharmacologic agents used in therapy; thus, veterinarians will know not only which drugs to prescribe but why they should be prescribed and how they work. Veterinary behaviorists, their students and residents, veterinary practitioners of all levels, and veterinary students will find this book invaluable in providing information about their patients' behavior problems and the psychoactive medications that might help them.

Laboratory Animal Medicine is a compilation of papers that

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deals with the diseases and biology of major species of animals used in medical research. The book discusses animal medicine, experimental methods and techniques, design and management of animal facilities, and legislation on laboratory animals. Several papers discuss the biology and diseases of mice, hamsters, guinea pigs, and rabbits. Another paper addresses the dog and cat as laboratory animals, including sourcing of these animals, housing, feeding, and their nutritional needs, as well as breeding and colony management. The book also describes ungulates as laboratory animals, including topics on sourcing, husbandry, preventive medical treatments, and housing facilities. One paper addresses primates as test animals, covering the biology and diseases of old world primates, Cebidae, and ferrets. Some papers pertain to the treatment, diseases, and needed facilities for birds, amphibians, and fish. Other papers then deal with techniques of experimentation, anesthesia, euthanasia, and some factors (spontaneous diseases) that complicate animal research. The text can prove helpful for scientists, clinical assistants, and researchers whose work involves laboratory animals.

You can trust this user-friendly guide to help you meet the increasing need for effective pain management in the animals you treat. It provides instant access to clinically relevant information on pain assessment, pharmaceutical and non-pharmaceutical treatment options, guidelines for managing acute and chronic pain, and unique aspects of pain management in dogs, cats, horses, cattle, birds, reptiles, ferrets, and rabbits. User-friendly format helps you quickly and easily find essential pain management information. Helpful boxes and tables provide at-a-glance access to pharmacologic protocols and clinical applications, including dosages, indications, contraindications, and side effects. Complementary and alternative treatment strategies are

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included throughout to assist you in using the latest non-pharmacological pain interventions. Case studies clearly illustrate the practical applications of key concepts in the clinical setting and help you sharpen your pain assessment and management skills. New contributors — many of the most respected experts in the field — share their insights and experiences to bring you the most current thinking in this ever-changing discipline. Completely revised and updated content throughout ensures you are using the best and most current information available on analgesic drugs and pain management techniques. An expanded chapter on Pain Management in Horses and Cattle explores the latest advances in treating this group of animals. Eight new chapters offer cutting-edge coverage of hot topics in the field, including: Pain Management in the Cat Pain Management for the Pet Bird Clinical Approaches to Analgesia in Reptiles Clinical Approaches to Analgesia in Ferrets and Rabbits Physical Therapy and Rehabilitation in Dogs Rehabilitation Methods and Modalities for the Cat Quality of Life Issues Hospice and Palliative Care

Backyard Poultry Medicine and Surgery is a practical resource offering guidance on developing diagnostic and treatment plans for individual companion poultry or small flocks. Organized by body system to aid in developing a differential diagnosis list for common presenting signs, the book provides all the information clinicians need to effectively treat backyard poultry. Written by experts from both the commercial poultry field and the companion avian field, the book provides thorough coverage of both common and less common diseases of backyard chickens, ducks, and other poultry. The book begins with introductory chapters covering general information, an overview of US laws, and basic husbandry concerns, then moves into specific disease chapters organized by system. The book takes an individual

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medicine perspective throughout, with photographs, radiographs, and histopathological photomicrographs to illustrate principles and diseases. Backyard Poultry Medicine and Surgery is an invaluable guide to diseases and treatments for any practitioners treating backyard poultry. Key Features Offers a practical reference on diseases and treatment of backyard poultry, with clinically relevant information veterinarians need to care for backyard flocks Takes an easy-to-use body system approach to help differentiate between diseases Focuses on individual diagnostic and treatment options for the individual bird or small flock Presents a special chapter on regulatory considerations for medication use in backyard poultry Provides more than 200 photographs, radiographs, and histopathological photomicrographs to illustrate the concepts discussed Includes access to an accompanying website with photographs, videos, and linked references and websites at www.wiley.com/go/greenacre/poultry Cheryl B. Greenacre, DVM, DABVP-Avian, DABVP-ECM, is Professor of Avian and Zoological Medicine at the University of Tennessee's college of Veterinary Medicine in Knoxville, Tennessee, USA. Teresa Y. Morishita, DVM, MPVM, MS, PhD., DACPV, is Associate Dean for Academic Affairs and Professor of Poultry Medicine & Food Safety at Western University college of Veterinary Medicine in Pomona California, USA.

The Fifth Edition of Antimicrobial Therapy in Veterinary Medicine, the most comprehensive reference available on veterinary antimicrobial drug use, has been thoroughly revised and updated to reflect the rapid advancements in the field of antimicrobial therapy. Encompassing all aspects of antimicrobial drug use in animals, the book provides detailed coverage of virtually all types of antimicrobials relevant to animal health. Now with a new chapter on antimicrobial therapy in zoo animals, Antimicrobial Therapy in Veterinary

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Medicine offers a wealth of invaluable information for appropriately prescribing antimicrobial therapies and shaping public policy. Divided into four sections covering general principles of antimicrobial therapy, classes of antimicrobial agents, special considerations, and antimicrobial drug use in multiple animal species, the text is enhanced by tables, diagrams, and photos. Antimicrobial Therapy in Veterinary Medicine is an essential resource for anyone concerned with the appropriate use of antimicrobial drugs, including veterinary practitioners, students, public health veterinarians, and industry and research scientists.

Using a practical approach, the Manual of Veterinary Transfusion Medicine and Blood Banking provides veterinary practitioners with evidence-based guidelines to refer to at the clinical practice level. Provides evidence-based information on transfusion medicine and blood banking practices Presents sections on recipient screening, donor selection, blood collection and storage, and how to meet blood product demands Includes useful protocols for transfusions and blood banking relevant to clinical practice Incorporates the balanced perspectives of veterinarians and veterinary technicians Contains information pertaining to large, small, and exotic animals

Veterinary Pharmacology and Therapeutics, Tenth Edition is a fully updated and revised version of the gold-standard reference on the use of drug therapy in all major veterinary species. Provides current, detailed information on using drug therapies in all major domestic animal species Organized logically by drug class and treatment indication, with exhaustive information on the rational use of drugs in veterinary medicine Includes extensive tables of pharmacokinetic data, products available, and dosage regimens Adds new chapters on pharmaceuticals, ophthalmic pharmacology, food animal pharmacology, and aquatic

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animal pharmacology Includes access to a companion website with the figures from the book in PowerPoint Learn to calculate dosages accurately and administer drugs safely! Applied Pharmacology for Veterinary Technicians, 6th Edition shows you how to determine drug dosages, administer prescribed drugs to animals, and instruct clients about side effects and precautions. Coverage of drugs includes pharmacokinetics, pharmacodynamics, clinical uses, dosage forms, and adverse effects. An Evolve companion website offers animations of pharmacologic processes, practice with dosage calculations, narrated videos demonstrating drug administration techniques, and more. Written by veterinary technology educator Lisa Martini-Johnson, this resource provides the pharmacology knowledge you need to succeed as a vet tech! Quick-access format makes it easy to find important drug information, including clinical uses, dosage forms, and adverse side effects. Body systems organization follows a logical sequence of study. Illustrated, step-by-step procedures demonstrate proper administration techniques for common drug forms. Key terms, chapter outlines, Notes boxes, and learning objectives focus your learning and make studying easier. Proprietary drug names are listed with the generic drug names, highlighting drugs that have generic options. Companion Evolve website includes drug administration videos, drug calculators with accompanying word problems, animations of pharmacologic processes, and dosage calculation exercises. Dosage calculation exercises provide practice immediately after new information is presented. Review questions reinforce your understanding of key concepts, with answers located in the back of the book. Technician Notes provide useful hints and important reminders to help you avoid common errors and increase your efficiency on the job. NEW! Emergency Drugs chapter is added. UPDATED drug information keeps

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veterinary students current with the newest pharmacologic agents and their uses, adverse side effects, and dosage forms. NEW! Case studies at the end of every chapter provide students with real-world scenarios.

Confidently utilize the rapidly growing selection of pharmaceuticals used to treat small animals. *Small Animal Pharmacology and Therapeutics, 2nd Edition* helps you understand both the therapeutic uses of common pharmaceuticals and the pharmacology behind them, giving you all of the information you need to design and modify dosing regimens, identify factors that cause drugs to fail, and anticipate adverse drug reactions. Comprehensive approach emphasizes the use of drugs for prevention as well as treatment. Clear, consistent organization makes it easy to find the information you need when you need it. Dosage tables help you find essential pharmaceutical information at a glance. Pharmacogenetics chapter helps you understand how to use this emerging science to find the right dose for each patient, optimizing efficiency and minimizing toxicity. Routes of administration and sample pharmaceutical calculations provide fast, efficient access to comprehensive drug administration all in one inclusive resource. Multiple chapters on Antimicrobial Drugs and Antimicrobial Therapy highlight the impact of antimicrobial resistance on current practice.

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