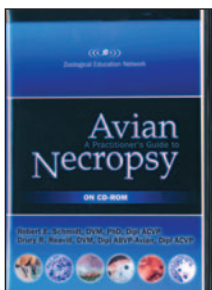


# Book Reviews: For Your Library

## A Practitioner's Guide to Avian Necropsy

Reviewed by Keven Flammer, DVM, DABVP



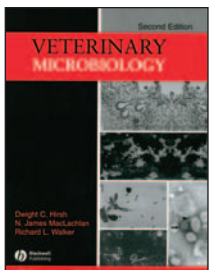
*A Practitioner's Guide to Avian Necropsy* includes text and images formatted for display by Adobe Acrobat. This is not a basic how-to manual; readers will need to look elsewhere for information on general topographic anatomy and step-by-step instructions on removal of organs from birds. Instead, this guide provides an organ-system approach to identifying the common lesions and diseases that a practitioner may encounter when doing a necropsy in birds. Psittacine diseases are emphasized, with a few mentions of diseases that affect other orders of birds.

The guide is organized into chapters on the basis of organ systems. Each chapter describes the typical appearance of normal organs within the system; this is followed by a brief discussion of diseases affecting that organ system, which are grouped on the basis of cause (eg, inflammatory diseases or congenital diseases). More than 350 color images, mostly gross necropsy photographs, are linked to the text by a hot key. The text provides useful information about gross necropsy changes associated with a given disease and organ system. Text statements are not referenced, but a list of references (most are dated before 2000) is included at the end of each chapter. Each image is accompanied by a brief caption, and general image quality is good. A minor criticism is that a few images are unfocused and some lack arrows to direct a reader's attention to the lesion indicated by the caption.

This guide is easy to use and attractively formatted. It will be highly valuable to veterinarians performing necropsies on birds and those who wish to see color photographic evidence of lesions caused by common diseases. The large number of color images makes this guide a valuable investment.—By Robert E. Schmidt & Drury Reavill. 1 CD-ROM; illustrated. Zoological Education Network, PO Box 54179, Lake Worth, FL 33545-1749. ISBN 0-9706395-0-3. 2003. Price \$49.00.

## Veterinary Microbiology (2nd edition)

Reviewed by Kenneth E. Nusbaum, DVM, PhD, DACVM



With *Hagan and Bruner's Microbiology and Infectious Disease of Domestic Animals* stopping after its eighth edition in 1988, teachers of veterinary infectious disease have been challenged to find a textbook common to the basic disciplines of microbiology (ie, virology, bacteriology, and mycology). At the same time, specialization in the

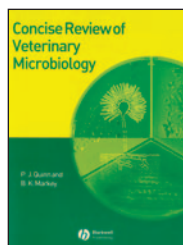
profession has produced an outpouring of valuable species-specific texts such as *Greene's Infectious Diseases of the Dog and Cat* and *Virus Infections of Vertebrates*. Thus, as an instructor, I am pleased to see the second edition of *Veterinary Microbiology*.

This textbook is divided into 4 parts. Part I (Introduction) covers basic topics from pathogenesis to microbial treatment and vaccination. Part II (Bacteria and Fungi) incorporates the most up-to-date nomenclature in a discussion of agents. Part III (Viruses) covers the major families, frequently by grouping closely related agents. Part IV (Clinical Applications) provides descriptions of the defenses of various body systems and consequences of infection. It also provides lists of pathogens of major systems for each of the important domestic species, which are valuable tools for veterinary students and practitioners.

Given the breadth of agents and syndromes covered, the detail included is pertinent but not rich. For a textbook, the amount of detail is satisfactory; illustrations are primarily good photomicrographs of diagnostic specimens supplemented with clear descriptive tables. For veterinary practitioners, this textbook will serve as an aid for client education, differential diagnoses, and diagnoses based on examinations of gram-stained and wet-mount specimens.—By Dwight C. Hirsch, N. James MacLachlan, & Richard L. Walker. 536 pages; illustrated. Blackwell Publishing Professional, 2121 State Ave, Ames, IA 50014-8300. ISBN 0-8138-0379-9. 2004. Price \$79.99.

## Concise Review of Veterinary Microbiology

Reviewed by Anthony E. Catro, DVM, PhD, DACVM



*Concise Review of Veterinary Microbiology* is divided into 4 sections (I, Introductory Bacteriology; II, Pathogenic Bacteria; III, Mycology; and IV, Viruses, Prions, and Disinfection). The chapters are noteworthy for their brevity (2 pages) but contain a plethora of updated information. The text covers in detail pathogenic bacteria and addresses specific

microbial diseases seen throughout the world. The tables at the end of chapters are inclusive, and the illustrations complement the text by delineating complex concepts into understandable formats. The 2 chapters on antibacterial agents address the mode of action of most antimicrobial compounds via their action at the cellular level. Chapters on mycoplasma, chlamydia, and rickettsia are included.

The chapters on fungi contain vivid illustrations of the morphologic characteristics and reproduction of the important pathogens. The 2 chapters on mycotoxins contain especially pertinent information (in table

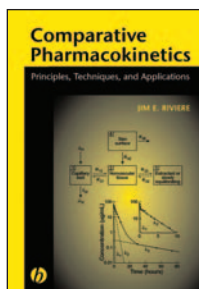
format) for the plethora of mycotoxins in a primer of mycotoxicoses resulting from the various species.

The chapters on virology provide information on the taxonomy of viruses and their resulting diseases. Lucid illustrations of virus structure and tables on the replication of DNA and RNA viruses of veterinary importance are provided. The new viral family, *Asfarviridae*, is also described. Information provided on the retroviruses and orthomyxoviruses (ie, influenza) describes their roles in current diseases and epidemiologic problems. The chapter on diagnostic virology is brief and could have been augmented by additional description of new molecular diagnostic techniques.

The chapter on prions is comprehensive and describes the latest methods for diagnosing prion-caused diseases. The chapter on disinfection is most useful in delineating the methods necessary to inactivate various microorganisms. The concise coverage of veterinary microbiology and the reasonable price of this book will add to its use as a teaching text and a ready-reference textbook for practitioners.—By P. J. Quinn & B. K. Markey. 153 pages; illustrated. Blackwell Publishing Professional, 2121 State Ave, Ames, IA 50014-8300. ISBN 1-405-10898-3. 2003. Price \$39.99.

## Comparative Pharmacokinetics: Principles, Techniques, and Applications

Reviewed by Shashi K. Ramaiah, DVM, PhD, DACVP



*Comparative Pharmacokinetics: Principles, Techniques and Applications* effectively strives to provide a unique and highly practical overview of pharmacokinetics through the use of concise text, tables, and figures. This edition provides succinct, easy-to-read, discipline-appropriate material for the target audience. This is a user-friendly volume that provides a

thorough and clear understanding of the many facets and considerations involved with the application of pharmacokinetics.

In the early stages of my career as a toxicologist and pathologist, I referred to the *Principles of Drug Disposition in Domestic Animals* by Professor Desmond Baggot. In *Comparative Pharmacokinetics: Principles, Techniques and Applications*, Dr. Riviere builds on the approach of Dr. Baggot's textbook and updates it for the modern methods of pharmacokinetic analysis while maintaining the underlying physiologic mechanisms that govern drug disposition. In all chapters, there is updated and simplified information of the concepts. The organization of each chapter is consistent, making it easy to read. The formulas, calculations, figures, and tables are appropriately represented and have been simplified to make them easy to follow.

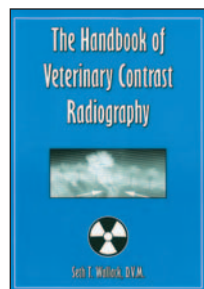
There are 17 chapters in the book, which includes a sequence of topics. The book covers principles and background physiologic information, with subsequent chapters focusing on modeling and practical concepts.

Each chapter is well organized with a brief introduction highlighting pharmacokinetic concepts. The chapter on hepatic biotransformation and biliary excretion contains extensive mechanistic and molecular information involved in drug metabolism. The chapter on compartmental models describes the various models in a reader-friendly manner with simple equations and graphs. The chapter on study design and data analysis has been made completely simple by the extensive use of figures, plots, and computer-fitting examples. The 142 adequately designed and concise figures reinforce concepts in the text. The selected readings after each chapter are an excellent resource for seminal articles on each topic, and the index is extremely user-friendly. There are a few awkward passages, inconsistencies, and misspellings, but overall, the chapters are clearly written and provide an extremely useful textbook for people wanting to understand the principles of pharmacokinetics.

The author has met his objectives in providing this concise, easy-to-read, and efficient textbook that is an excellent addition to other standard textbooks of pharmacokinetics. It should prove to be a valuable reference for veterinarians, pharmacologists, toxicologists, or anyone involved in drug development as well as associated residents and graduate students.—By Jim E. Riviere. 327 pages; illustrated. Blackwell Publishing Professional, 2121 State Ave, Ames, IA 50014-8300. ISBN 0-8138-2138-X. 2004. Price \$49.99.

## The Handbook of Veterinary Contrast Radiography

Reviewed by Sarah A. West, DVM, DACVR



*The Handbook of Veterinary Contrast Radiography* is a compilation of important information previously scattered throughout the literature on veterinary contrast radiography. The primary goal of the textbook is to guide practitioners and technicians in choosing and performing various contrast radiographic examinations. The author has successfully provided a concise reference for use in a number of contrast techniques for small, large, and exotic animals.

The book begins with an overview of barium and iodinated contrast agents and their physiologic properties and potential adverse effects. It provides information on identification and treatment of animals that have reactions to contrast agents, as well as comparison of the agents in areas such as osmolality and cost. This overview is short and to the point, leaving the remainder of the textbook for procedures.

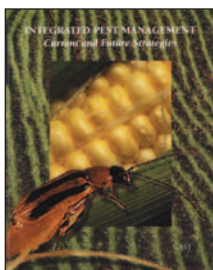
The contrast procedures outlined in the text include, but are not limited to, arthrography, esophagography, evaluations of the proximal portions of the gastrointestinal tract, myelography, excretory urography, and cystography. Each section includes indications, contraindications, acceptable sedation, and proper examination protocol. A number of the proce-

dures outlined address dogs and cats but also include protocols for a myriad of species, including small exotic animals (eg, chinchillas, ferrets, rabbits, and hamsters), reptiles, birds, foals, and sheep. One fact that readers should bear in mind is that this textbook is intended as a reference manual or how-to book for performing the procedures. Except for a few images of an abnormal finding and information such as intestinal transit times, the text is not intended to discuss interpretation of images.

Overall, this textbook is an excellent resource for the proper performance of contrast radiographic examinations in clinical settings. A copy of this textbook would be an important addition to any radiographic reference library.—By *Seth T. Wallack*. 160 pages; illustrated. San Diego Veterinary Imaging Inc, 361 N Sierra Ave, Solana Beach, CA 92075. ISBN 0-9743447-1-0. 2003. Price \$50.00.

### Integrated Pest Management: Current and Future Strategies (Number 140)

Reviewed by **Daniel K. Miller, DVM, PhD**



Because *Integrated Pest Management: Current and Future Strategies (Number 140)* is designed as an updated overview of all phases of integrated pest management (IPM), it covers many areas that will not interest most veterinarians. However, there are several applicable chapters, especially for veterinarians involved in food animal production.

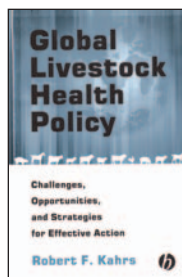
The chapter on rangeland devotes itself mostly to weed control, an area of which ruminant practitioners should be cognizant. The chapter on food animal IPM focuses mainly on the pest problems facing large production facilities. This is an area in which there have been many veterinary IPM investigations, so it is somewhat disappointing that the information is not more in-depth. Similarly, the chapter on wildlife control is extremely superficial. The chapter on ectoparasites of pets provided a fairly good discussion of the subject. However, as the authors pointed out, IPM is not a strategy that pet owners use. It appears that both chapters dealing directly with animal health were written by entomologists. Internal parasites of grazing animals, an area in which IPM has made great strides, are not mentioned.

The shortcomings probably are attributable to a lack of research in animal-related IPM as well as a lack of veterinary input. Judging from the listed affiliations, no veterinarians and few animal scientists are on the task force.

This book is not for those looking for specific information because it is too short and general. However, it does provide an excellent, updated overview of how IPM can be applied in all fields in which humans interact with their biological environment.—By *the Task Force of the Council for Agricultural Science and Technology*. 246 pages; illustrated. Council for Agricultural Science and Technology, 4420 W Lincoln Way, Ames, IA 50014-3347. ISBN 1-887383-23-9. 2003. Price \$50.00.

### Global Livestock Health Policy: Challenges, Opportunities and Strategies for Effective Action

Reviewed by **William D. Hueston, DVM, PhD**



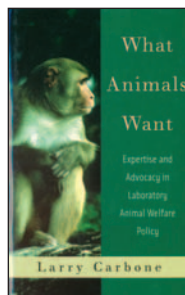
Readers who search the Web for books on animal health policy find only a short list, most of which are narrowly focused on a single issue such as animal welfare or bovine somatotropin. *Global Livestock Health Policy: Challenges, Opportunities and Strategies for Effective Action* is 1 book that provides a broad perspective on policy issues.

The book targets a wide audience comprising animal producers, veterinarians, agribusiness personnel, and government officials. The author reviews key developments in international livestock policy processes within the context of world events during the past century, including the implementation of the World Trade Organization and the increasing visibility of the World Animal Health Organization or Office International des Épizooties. This is not a book that can be easily read from cover to cover, but that was not its intent. The historical discussions are balanced with explanations of the policy-making process and projections of the future of livestock health policy. The book offers a reference for context to current debates on animal health policy. One additional benefit is the extensive glossary and final set of 10 discussion exercises. These modules outline participatory exercises on timely topics that can be used in professional meetings or academic settings.

For veterinarians interested in the policy decisions that affect livestock production, marketing, and trade, this book provides insights and perspectives needed for tackling the increasingly complex issues of animal and public health.—By *Robert F. Kahrs*. 336 pages; illustrated. Iowa State University Press, 2121 State Ave, Ames, IA 50014-8300. ISBN 0-8138-0204-0. 2003. Price \$59.99.

### What Animals Want: Expertise and Advocacy in Laboratory Animal Welfare Policy

Reviewed by **Veronica M. Jennings, DVM, PhD, DACLAM**



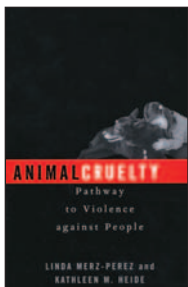
*What Animals Want: Expertise and Advocacy in Laboratory Animal Welfare Policy* is truly a behind-the-scenes textbook on animal research that should be of interest to laboratory animal veterinarians as well as general practitioners or readers seeking to expand their knowledge on the history and philosophy of animal welfare issues. Dr. Carbone has been in the laboratory animal field for almost 20 years and also has experience as a laboratory animal veterinary technician.

Anyone interested in laboratory animal welfare policy will be drawn by the author's views on this issue from

a historical, philosophic, scientific, and personal perspective. In particular, the philosophic and historical evolution of animal welfare policy emanates from almost every chapter. The author reminds readers that laboratory animal veterinarians are strong and effective advocates for the care and use of research animals. Furthermore, the author encourages scientists, technicians, and members of institutional animal care and use committees to assist with this enormous task. The textbook also covers controversial topics in the field, such as management of pain and distress in animals, methods of euthanasia, appropriate exercise for dogs, and environmental enrichment for nonhuman primates. The author carefully brings the views and perspectives from animal rights advocates and the scientific community into the equation, making the book extremely balanced. As a final note, the author acknowledges that some versions of knowing what animals want are surely more correct than others, but the trouble is that we don't always know which ones those are. This book is a must for anyone interested in exploring welfare issues faced by laboratory animal veterinarians, biomedical scientists, and animal welfare advocates.—By *Larry Carbone*. 291 pages; illustrated. OXFORD University Press, 198 Madison Ave, New York, NY 10016. ISBN 0-19-516196-3. 2004. Price \$29.95.

## Animal Cruelty: Pathway to Violence Against People

Reviewed by *D. Duane Flemming, DVM, JD*



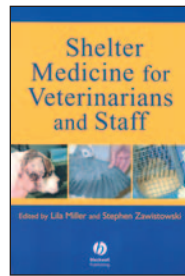
Although *Animal Cruelty: Pathway to Violence Against People* is not really directed toward veterinarians and is somewhat difficult to read, it should be a reasonably good resource for those with more than an average interest in this subject matter. The word “veterinarian” is not in the index, and the only reference to veterinarians comes from the authors interpreting other writers, along

with society and existing institutions, as giving veterinarians some critical but undefined responsibility to intervene in or prevent animal cruelty and provide safe housing for the animals of, and solace to, families fleeing domestic violence.

The authors initially review and interpret much of the published research directed at establishing an association between human cruelty to animals and human cruelty to other humans. They provide a new study addressed to the same end. The authors are candid in concluding that although there is undoubtedly some relationship between animal abuse and human abuse, animal cruelty is a “complex phenomenon” with “diverse and complicated motivations” that “in and of itself, is not a definitive predictor of violence against humans.”—By *Linda Merz-Perez & Kathleen M. Heide*. 191 pages; illustrated. Rowman & Littlefield Publishing Group, 4501 Forbes Blvd, Ste 200, Lanham, MD 20706. ISBN 0-7591-0304-6. 2003. Price \$24.95.

## Shelter Medicine for Veterinarians and Staff

Reviewed by *Linda K. Lord, DVM, MS*



*Shelter Medicine for Veterinarians and Staff* is the first major textbook in the veterinary literature solely dedicated to the issues involved in shelter medicine. The authors have done an excellent job of organizing the book into the major areas that veterinarians must deal with when working with animal shelters.

The first section of the book provides a broad overview of animal shelters. It includes interesting information on the history of animal shelters, current pet population dynamics, and legal or political issues that are part of working with animal shelters. The second and third sections provide a good introduction to husbandry and disease management strategies that need to be addressed in a shelter setting. The information on building management, sanitation, and housing and care issues in a group setting should be extremely helpful, particularly to those who are new to shelter medicine. The chapters on vaccination and disease management are a good review for most veterinarians, with a slant toward specifics for shelter settings. Future editions of the book would benefit from case scenarios and problem-solving exercises to document implementation strategies in various shelter environments.

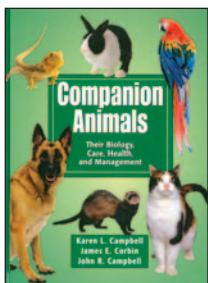
The fourth section on shelter and community programs provides a wide variety of information that many veterinarians would not be familiar with, unless they have extensive experience with animal shelters. In particular, the information on behavior programs, feral-cat management, and complexities of euthanating animals in a shelter setting is extremely useful. The fifth section on animal cruelty provides a wealth of information on a subject that is foreign to most veterinarians. Even for those who work in a shelter environment, the review of dog fighting, types of animal cruelty, and approaches to a good medical evaluation of a cruelty case discussed in that section are invaluable.

This book should be a great reference for any veterinarian or veterinary student interested in shelter medicine. Shelter medicine is a growing field that deservedly is receiving increasing attention in the veterinary profession. This book provides an excellent resource for those looking to expand their knowledge of shelter medicine.—By *Lila Miller & Stephen Zawistowski*. 546 pages; illustrated. Blackwell Publishing Professional, 2121 State Ave, Ames, IA 50014-8300. ISBN 0-8138-2448-6. 2004. Price \$74.99.

## Companion Animals: Their Biology, Care, Health, and Management

Reviewed by *Sandy Sanford, DVM, DABVP*

*Companion Animals: Their Biology, Care, Health, and Management* is a well-written textbook. As stated in the preface, the text is intended especially for



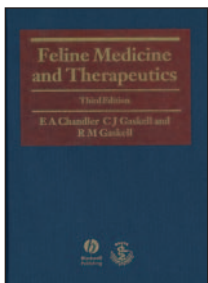
students enrolled in companion-animal biology courses, veterinary technician or veterinary technology programs, and companion-animal management courses; those wishing to pursue a professional career in veterinary medicine; persons planning a career in the rapidly expanding pet food, pet-care products and services, and related industries;

breeders, exhibitors, groomers, owners, and trainers of companion animals; current and prospective owners or managers of pet shops, boarding kennels, and catteries; future professionals preparing to work as animal-assisted therapists or representatives of pharmaceutical companies; persons interested in teaching or conducting research related to life enhancement of humans and animals through contributions to science by companion or laboratory animals; and those preparing for other career opportunities associated with companion animals. The scope and purpose of this book have been greatly surpassed.

I found each chapter to be organized, concise, and appropriately referenced. I found the added bits of factual data (or trivia as I like to call it) extremely interesting and useful. Obvious care was taken in organizing the text into a user-friendly format that highlights each subject with helpful references. The last 9 chapters of the book are novel and refreshing. As a veterinarian, I found the chapter on Therapeutic and Service Uses of Companion Animals extremely informative and appropriately referenced. The summary at the end of each chapter is a nice addition, and the list of related Web sites is wonderful. The book is fairly priced and will be a welcome addition to the libraries of veterinarians, veterinary students, veterinary technicians, and anyone interested in companion animal health care and management.—*By Karen L. Campbell & James E. Corbin. 612 pages; illustrated. Pearson Prentice Hall, One Lake St, Upper Saddle River, NJ 07458. ISBN 0-13-113610-0. 2004. Price \$93.33.*

## Feline Medicine and Therapeutics (3rd edition)

Reviewed by Marcia A. Carothers, DVM, DACVIM



The third edition of *Feline Medicine and Therapeutics* was written for the British Small Animal Veterinary Association. This edition is divided into 3 parts (General Considerations, Major Systems, and Infectious Diseases). Forty-four contributors, most of whom are from the United Kingdom, provide information on various feline medical topics.

The book contains 31 chapters. Part 1 (General Considerations) focuses on special considerations

unique to the feline species, vaccination, chemotherapy, toxicology, and feline behavior. Part 2 (Major Systems) contains 15 chapters that cover major body systems (skin, nervous system, blood, kidneys, lower urinary tract, respiratory system, reproductive system, pediatrics, oral cavity, gastrointestinal tract, liver and pancreas, eyes, cardiovascular system, and endocrine system). Part 3 (Infectious Diseases) describes common diseases (feline panleukopenia, infectious respiratory disease, FeLV, FIV, coronavirus, rabies, chlamydia, toxoplasmosis, infectious anemia, other infections, and endoparasites).

This text provides readers with a good general overview of most medical diseases of cats. As a consequence, in-depth discussion of the disease processes is lacking. There are numerous useful tables with etiologic considerations, differential diagnoses, diagnostic techniques, and drug dosages. Overall, the authors accomplished the goal of providing an easy-to-read, quick reference for feline medicine and therapeutics.—*By E. A. Chandler, C. J. Gaskell, & R. M. Gaskell. 724 pages; illustrated. Blackwell Publishing Professional, 2121 State Ave, Ames, IA 50014-8300. ISBN 1-405-10032-X. 2004. Price \$169.99.*

## Feline Behavior: A Guide for Veterinarians (2nd edition)

Reviewed by Gary Landsberg, DVM, DACVB



The second edition of *Feline Behavior: A Guide for Veterinarians* offers an updated and comprehensive review of the fascinating field of feline behavior. This text is an invaluable resource for any veterinary practice because it provides a quick reference for virtually every aspect of normal feline behavior in 1 textbook. Its greatest strength is in the way each chapter covers 1 aspect of feline behavior completely and concisely, including communicative, social, sexual, ingestive, eliminative, locomotive, grooming, and neural and sensory behaviors. This is further complemented by appendices that review feline vocal patterns and provide time lines on the development of motor, sensory, social, sexual, and elimination behaviors. With hundreds of references and additional suggested readings at the end of every chapter, readers can gain further insight into the original studies on which the information is based and the authors who conducted those studies. Although much of the original research dates back many decades, this second edition of Dr. Beaver's text also incorporates many recent studies that have increased and in some cases modified our understanding of feline behavior, especially with respect to social behavior.

From a practical standpoint, this textbook provides detailed insight into the reasons that cats behave the way they do, how behavior problems develop, and how they might be prevented or managed. In addition,

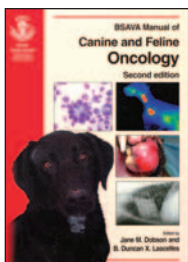
from a humane standpoint, veterinarians and staff personnel can gain an increased knowledge base of typical feline behavior so that they are better equipped to advise cat owners on how to create an optimum home environment that provides for all of a cat's innate needs. In fact, this book provides a wealth of practical and interesting feline facts that should prove useful to cat owners and students of animal behavior and would even make excellent fodder for a game of feline "Trivial Pursuit."

Although the primary focus of this textbook is in the description of typical feline behavior, the author also provides an overview of the management of some of the more common forms of undesirable feline behavior that some practitioners may confront. The introductory chapter reviews the basics of history taking and behavior modification, and there is new information on drug therapy, including an appendix of drug dosages.

Every practitioner should have a sound understanding of the typical behavior of each species for which they provide care. A number of excellent veterinary behavior textbooks are currently available; however, they have been designed to help guide practitioners in the prevention, diagnosis, and treatment of behavior problems in pets. Dr. Beaver's text is unique in that its primary focus is on the typical behavior of the feline species. This textbook is therefore the ideal complement to any veterinary clinic library as well as an excellent reference for anyone interested in the behavior of cats.—By Bonnie V. Beaver. 304 pages; illustrated. WB Saunders Co, The Curtis Center, Independence Square West, Philadelphia, PA 19106. ISBN 0-7216-9498-5. 2003. Price \$39.95.

## BSAVA Manual of Canine and Feline Oncology (2nd edition)

Reviewed by Tracy L. Gieger, DVM, DACVIM



The *BSAVA Manual of Canine and Feline Oncology* is a comprehensive oncology textbook with several chapters devoted to the principles of oncology and the remaining chapters focused on specific tumor types. There are excellent chapters on tumor biology, gene therapy, and other new approaches to cancer treatment that are not found in other textbooks.

Chapters focusing on oncologic surgery and pain associated with cancer convey important practical information that should be used when managing cancer patients on a day-to-day basis. The chapter on tumor pathology provides a concise overview of histologic grading and its importance. The chapter on tumor imaging provides a review of indications for ultrasonography, computed tomography or magnetic resonance imaging, and nuclear scintigraphy. The chapter on nutritional management of patients with cancer outlines specific instructions about placement of feeding tubes and calculation of nutritional requirements.

The chapters regarding specific tumor types provide a comprehensive review of the veterinary litera-

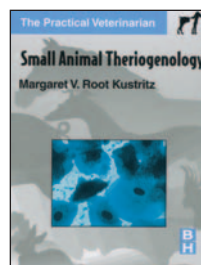
ture. The chapter on tumors of the skeletal system is a thorough review that considers all aspects of treatment, including limb-sparing techniques for animals with osteosarcoma. In the chapter on oral tumors, surgical techniques are described in detail and photographs taken at each stage of the various procedures are included. The chapter on mammary gland tumors provides an excellent overview of the pathogenesis and treatment of this common disease. Tumors of the nervous system are described, and there are outstanding images that illustrate most tumor types.

This textbook is filled with useful information that veterinarians can use on a daily basis. It is written in an easy-to-follow outline format, and the index provides a quick link to specific topics. The book contains numerous diagrams, tables, and illustrations to emphasize important topics. There are many color photographs in every chapter. The chapter on cytologic examination provides examples of all major tumor types.

This book is recommended as a highly useful addition to the library of veterinary students, general practitioners, and veterinary oncologists. It is reasonably priced, especially considering the large number of color photographs throughout the text.—By Jane Dobson & B. Duncan X. Lascelles. 344 pages; illustrated. Blackwell Publishing Professional, 2121 State Ave, Ames, IA 50014-8300. ISBN 0-905214-69-2. 2003. Price \$139.99.

## Small Animal Theriogenology (The Practical Veterinarian Series)

Reviewed by Margaret L. Casal, DVM, PhD



*Small Animal Theriogenology* (The Practical Veterinarian Series) is an accurate and concise summary of the original *Canine and Feline Theriogenology* by Drs. Johnston, Root Kustritz, and Olson, which is the most complete small animal reproduction book in the English language. All of the important aspects of reproduction in dogs and cats are

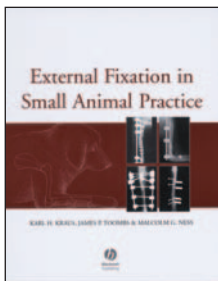
brought together in an outline format. Topics covered include normal reproductive anatomy and physiology, breeding management, artificial insemination, contraception, and pregnancy termination. Special examinations specific to the reproductive system of male and female animals are reviewed, including semen evaluation and vaginal cytologic examination; these are key techniques used in developing an optimal breeding protocol. Furthermore, the text provides guidelines with regard to the management and treatment of infertility and other reproductive disorders. Tables, graphs, and schematic drawings highlight and clarify a number of normal and abnormal reproductive processes.

This quick-reference guide is complete, concise, and to the point. It is inexpensive, which will particularly appeal to students and practicing veterinarians who have a small base of reproduction-oriented clients. Unfortunately, the size of the book precludes it from

being a true pocket textbook because it does not fit into the pocket of a standard laboratory coat. Nevertheless, it thoroughly covers the basics of small animal theriogenology and is recommended for veterinary students and veterinarians in practice who have a small to moderate interest in small animal obstetrics and reproduction.—By Margaret V. Root Kustritz. 667 pages; illustrated. Butterworth-Heinemann, 11830 Westline Industrial Dr, St Louis, MO 63146. ISBN 0-7506-7408-3. 2003. Price \$34.95.

## External Fixation in Small Animal Practice

Reviewed by Terri A. Zachos, DVM, DACVS



In *External Fixation in Small Animal Practice*, the authors have created an extremely thorough and much-needed review of the principles and use of linear external fixation systems. At \$127.99, this book is reasonably priced, particularly considering the excellent quality of the numerous images of radiographs, fixator-artificial bone

construct models, and patients. Also worthy of mention are the discussions on alternatives to use of external fixation and the attention given to economics in orthopedic practice.

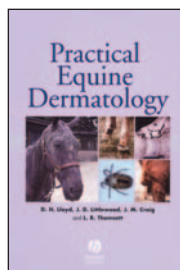
In general, the organization of the book is one of its greatest strengths. In the introduction, the authors state that one of their objectives is to discuss the basic principles of linear external fixation. In the first 5 chapters, they admirably accomplish this with a practical provision of data accumulated through the use of the Kirschner-Ehmer fixator system. The 3 chapters that follow, which describe the newer commercially available external fixator systems, are easy to understand, even for readers unfamiliar with these systems.

The case studies greatly increase the value of this book. The authors chose a wide array of patients without the tendency to select only those that had perfect clinical outcomes. These patients and the thorough, detailed criticisms of the postoperative and follow-up radiographs associated with them are a great asset. This book will be an excellent, practical reference for practitioners as well as a valuable educational resource for veterinary students and veterinarians in surgical residency programs.—By Karl H. Kraus, James P. Toombs, & Malcolm G. Ness. 320 pages; illustrated. Iowa State Press, 2121 State Ave, Ames, IA 50014-8300. ISBN 0-632-05989-3. 2003. Price \$127.99.

## Practical Equine Dermatology

Reviewed by Philip Johnson, BVSc, MS, DACVIM

*Practical Equine Dermatology* is intended to be an accessible and practical source of information for the diagnosis and management of skin disease in

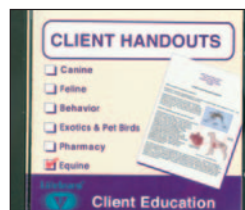


horses. The objective is largely achieved in this book. Although the book was written primarily for veterinary practitioners in the United Kingdom, it should also serve as an excellent review for US veterinarians as well as veterinary students. The book is well illustrated with high-quality and appropriately representative photographs.

Moreover, its concise and problem-oriented approach to dermatologic diagnosis will prove extremely helpful for practitioners in field situations. In light of the extent to which the controversial practice of allergy testing (in all of its guises) is a common approach for the management of immune-mediated dermatitis, there is discussion of this practice in this book, which may reflect possible differences between the United States and the United Kingdom. The chapter on the foot and associated structures is disappointing in that it is too brief and fails to mention the effects of laminitis on the appearance of the equine hoof. Nevertheless, in short, this textbook is an excellent, quick reference for equine practitioners.—By David Lloyd, Janet Littlewood, Mark Craig, & Robert Thomsett. 160 pages; illustrated. Blackwell Publishing Professional, 2121 State Ave, Ames, IA 50014-8300. ISBN 0-632-04807-7. 2003. Price \$59.99.

## Client Handouts: Equine (Client Education Series)

Reviewed by A. Rick Williams, DVM, DABVP



*Client Handouts: Equine* consists of a CD-ROM that contains handouts suitable for distribution to equine clients. This product will be greatly appreciated by mobile clinicians with laptop computers.

The CD comprises 54 of the questions most commonly asked by horse owners. Whether it is orphan foals or behavioral problems, the authors cover each subject thoroughly in a readable format. Some of the complications listed are downplayed, and users may wish to add some of their own concerns for certain conditions.

Each topic is provided as text only or text with visual images. There is a search mode included that allows faster access to each topic. Even for the uninitiated, this listing is extremely user-friendly. Most of the handouts will be easily understood by laypersons. One exception is the handout on arthritis, which seems to be more complex than necessary.

Veterinarians can now toss out all of those brochures that they used to carry around in their practice vehicles and simply print out the ones that are needed for each client. The information can be printed on letterhead paper, which gives a professional look to the handouts. Users may edit or add to the text to fit each individual patient.

I recommend this CD-ROM to any equine practitioner who wants the best possible communication with his or her clients.—By *Deidre M. Carson & Sidney W. Ricketts*. 1 CD-ROM; illustrated. Lifelearn Inc, McNabb House, University of Guelph, Guelph, ON, Canada N1G 2W1. ISBN 1-896985-31-9. 2003. Price \$89.00.

## Client Handouts: Supplements & Alternative Medicine

Reviewed by *Narda G. Robinson, DO, DVM*



In *Client Handouts: Supplements & Alternative Medicine*, the authors tackle the daunting challenge of creating client handouts for the ever-changing, controversial field of complementary and alternative veterinary medicine (CAVM). They compiled 65 client hand-

outs with seemingly straightforward facts and attractive images of herbs, dietary supplements, and treatment modalities, including acupuncture, homeopathy, and chiropractic. Macros embedded in the CD-ROM allow placement of a practice heading on all handouts.

Although this noble effort affords busy practitioners readily adaptable CAVM handouts, veterinarians should

scrutinize and spellcheck each handout and evaluate the claims and advice before distributing them to clients. Whether the CD-ROM warrants the \$89 price tag will depend on whether this weeding-out process becomes a time-saving or time-consuming procedure.

For example, a large credibility gap arises in the document on whole food supplements or glandular therapy for pets; this document advocates feeding glands, organs, or tissues obtained from healthy animals to patients. The underlying rationale of glandular therapy is that liver extracts benefit the liver, thyroid extracts benefit the thyroid gland, adrenal extracts benefit the adrenal gland, and so on, regardless of whether the gland has hyperactive or hypoactive function, as in hyper- or hypothyroidism or hyper- or hypoadrenocorticism. By stating that there are no apparent adverse effects, the authors ignore the evidence of harm that has been documented time and again for unregulated glandular supplements that possess active hormones and can transmit disease.

Many recommendations in this CD-ROM are unproblematic. However, touting a dangerous herb such as ephedra for back pain and chiropractic treatment for cervical instability should make even diehard CAVM practitioners think twice before endorsing all recommendations.—By *Steve Marsden, Shawn Messonnier, & Cheryl Yuill*. 1 CD-ROM; illustrated. Lifelearn Inc, McNabb House, University of Guelph, Guelph, ON, Canada N1G 2W1. ISBN 1-896985-50-5. 2004. Price \$89.00.



## Book Reviews: For Your Client's Library

### Zoonoses and the Contribution of Disease-Free Pets to Human Health: A Guide for Pet Owners (Advances in Medical & Veterinary Virology, Immunology, and Epidemiology Series)

Reviewed by *Dana J. Dane, DVM, MPH, DACVPM*



*Zoonoses and the Contribution of Disease-Free Pets to Human Health: A Guide for Pet Owners* (Advances in Medical & Veterinary Virology, Immunology, and Epidemiology Series) introduces readers to common zoonotic diseases and the impacts healthy pets can have on the human condition, both physiologically and psychologically. Drs. Barbour and

Mathew have distilled volumes of detailed historical and scientific medical information into 1 easy-to-read, relatively short, and reasonably priced book. Although this book was written to meet the needs of a wide range of readers, pet-industry workers and entry-level

veterinary health professionals will find it most interesting and useful. Readers are cautioned that discussion on some topics, such as bovine spongiform encephalopathy and its relationship to human variant Creutzfeldt-Jakob disease, have intentionally and necessarily been simplified, perhaps at the expense of clarity. Overall, this book should be considered a welcome addition to any basic companion animal health library.—By *Elie K. Barbour & Thankam Mathew*. 114 pages; not illustrated. Thajema Publishing, 31 Glenview Dr, West Orange, NJ 07052-1010. ISBN 0-9727597-3-5. 2004. Price \$22.99.

### The Complete Holistic Dog Book: Home Health Care for Our Canine Companions

Reviewed by *Lois Sargent, DVM*

The authors of *The Complete Holistic Dog Book: Home Health Care for Our Canine Companions* have undertaken a monumental task in an attempt to edu-