

Book Reviews: For Your Library

Emerging Diseases of Animals

Reviewed by Roland A. Thompson, DVM, PhD



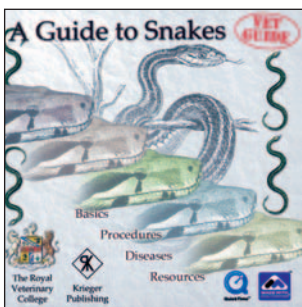
With a flow between molecular detail and descriptive epidemiology, this book is well worth reading. The text supplies relevant information on zoonotic pathogens from a veterinary perspective, but assumes that readers are familiar with veterinary pathogens and animal husbandry. Not only is much of the information new, in several cases the pathogens themselves are recently discovered and not familiar.

Each of the pathogens selected provides a global disease threat with potentially worldwide distribution. Each chapter synthesizes the recent information and supplies good references, yet does not lose the general reader in details. The editors set a good framework by which readers can understand how these emerging pathogens (new and ancient) may have entered the human ecologic sphere, been discovered by new techniques, and pose a high-risk disease threat because of intense and globally connected agricultural production systems.

The authors' styles blend and move well between molecular biological detail, clinical applications, and epidemiology. Each author emphasizes the zoonotic potential for a specific pathogen but remains focused on the animal implications and not the human syndromes caused by the pathogen.—*Edited by Carrie Brown & Carole Bolin. 324 pages; illustrated. American Society for Microbiology, 1752 North Street Northwest, Washington, DC 20036-2804. 2000. Price \$99.95.*

A Guide to Snakes

Reviewed by C. Max Lang, DVM, DACLAM



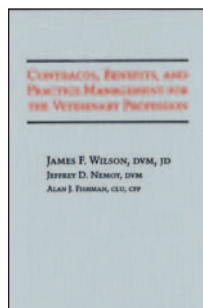
Through the use of text, graphics, and photographs, this CD-ROM provides a comprehensive guide to the care and treatment of snakes. It includes the basics, such as taxonomy, anatomy, and husbandry; procedures for examination, diagnostic tests, and therapy; information on skin, eye, viral,

and systemic diseases; and an extensive bibliography including Internet resources. The text is clear and provides practical advice; the photographs and illustrations are superb. Each chapter has interactive case challenges to quiz the viewer's knowledge. Each chapter takes about 15 minutes to view, but it is easy to access sections of interest. The entire program takes about 2 hours. Priced reasonably, this CD-ROM is highly rec-

ommended for veterinarians who see the occasional snake in their practices, care for them in zoological parks, or use them in research.—*By Michael Waters, Peernel Zwat, & Frederic L. Frye. CD-ROM. Krieger, PO Box 9542, Melbourne, FL 32902. 2000. Price \$49.50.*

Contracts, Benefits, and Practice Management for the Veterinary Profession

Reviewed by Harold W. Hannah, JD

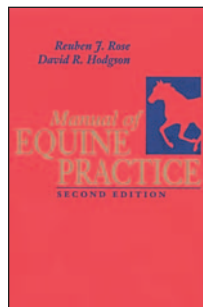


Veterinary practice as a business is the focus of this book. An earlier book by the senior author deals with veterinary practice as a profession and considers malpractice and other issues stemming from the veterinarian's treatment of animals. The 2 books are complementary. This second book recognizes that success in practice depends on more than the number of animals treated. One chapter

deals with compensation and fees, another with employment issues, including a chapter devoted to discussion of the role and effectiveness of restrictive covenants. Employment issues are discussed in a separate chapter. There is a comprehensive discussion of a veterinarian's insurance needs, advice on planning for retirement, liability, employment, and taxation issues arising out of independent contractor status, and guidelines for determining when a veterinarian is an independent contractor. These are discussed in detail in a separate chapter. This book accomplishes its objective of informing veterinarians about issues impacting the economics of their practice as affected by legal, business, and ethical considerations. This reviewer recommends this book to members of the veterinary profession.—*By James F. Wilson, Jeffrey D. Nemoy, & Alan J. Fishman. 422 pages; illustrated. Priority Press Ltd, PO Box 306, Yardley, PA 19067. 2000. Price \$89.95.*

Manual of Equine Practice

Reviewed by John A. Malark, DVM, DACVS, DABVP



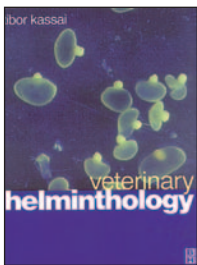
Needs of the practicing equine veterinarian and veterinary students continue to be the focus of the second edition of this book. A body systems approach is used to organize this book, and a variety of notable veterinarians with expertise in each specific area have been added as authors.

The strength of the book lies in that it is easily readable and organized in a logical fashion so that

information can be accessed quickly. Each body system chapter is divided into a clinical diagnostic area and a clinical condition section containing a long list of differential diagnoses. Although advanced diagnostic techniques like scintigraphy and thermography are covered, I was especially pleased to see the emphasis made on diagnosis by physical examination. Appendices with drugs and dosages continue to be a useful section. In summary, the second edition of this book is a useful addition to any experienced practitioner's library and is a very useful tool for the young practitioner and veterinary student.—By *Reuben J. Rose & David R. Hodgson*. Second edition; 818 pages; illustrated. W. B. Saunders Company, The Curtis Center, Independence Square West, Philadelphia, PA 19106. 2000. Price \$85.00.

Veterinary Helminthology

Reviewed by **Linda S. Mansfield, VMD, PhD**



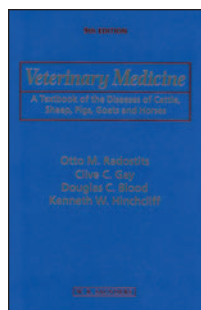
A concise overview of parasitic helminths that are important to the practice of veterinary medicine worldwide is provided in this book. Each parasite is described in outline format in an organized fashion with a diagrammatic life cycle that is standard throughout, making the book easy to use. Topics covered for each parasite include cause, site, life cycle, pathogenesis, diagnosis, treatment, and control. The material is up-to-date, especially diagnostic techniques and treatment regimen. Illustrations are of good quality and include black and white pictures of the parasites, diagrams of important morphologic features, and pictures of important clinical syndromes. A central section of high-quality color photographs that show pathologic findings in the host resulting from helminth infections is included. The book would serve as an ideal adjunct to a standard textbook of parasitology for the veterinary student, because coverage of each parasite is limited. The organized outline style, short format, and reasonable price makes the book a logical choice for students as a review and pocket text of helminths.—By *Tibor Kassai*. 260 pages; illustrated. Butterworth-Heinemann, 225 Wildwood Avenue, Unit B (PO Box 4500), Woburn, MA 01801-2041. 1999. Price \$35.00.

Veterinary Medicine: A Textbook of the Diseases of Cattle, Sheep, Pigs, Goats, and Horses

Reviewed by **W. Kent Scarratt, DVM, DACVIM**

The ninth edition of this text contains new information published worldwide since 1993 and has approximately 5% more pages than the eighth edition. Notable changes to the ninth edition include the addition of an author and two contributors. Page numbers in this edition are highlighted, more headings and sub-headings are used, and an additional column of information per page makes this edition easy to read.

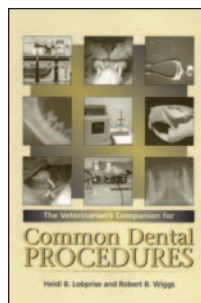
The format of the ninth edition is similar to that of



the eighth edition with a section of general medicine followed by a section of special medicine. Topics have been added to various chapters in general medicine, including clinical medicine and making a diagnosis, practical antimicrobial therapeutics, diseases of the alimentary tract, and diseases of the nervous system, and to chapters in special medicine, including mastitis, diseases caused by viruses and chlamydia, diseases caused by helminth parasites, and diseases caused by the inheritance of undesirable characteristics. The number of tables and illustrations has increased by approximately 20% and are identified by the chapter in which they appear. The appendix contains more than 10 pages of drug doses, intervals, and routes of administration for horses, cattle, sheep, goats, and swine. The ninth edition of this textbook contains information that is current and easy to read and is a valuable reference for students and veterinarians practicing large animal medicine.—By *Otto M. Radostits, Clive C. Gay, Douglas C. Blood, & Kenneth W. Hinchcliff*. Ninth edition; 1,908 pages; illustrated. W. B. Saunders Company, The Curtis Center, Independence Square West, Philadelphia, PA 19106. 2000. Price \$139.00.

The Veterinarian's Companion for Common Dental Procedures

Reviewed by **William R. Gengler, DVM, MS, DAVDC**



Written for the practicing veterinarian or veterinary student, this book is a quick and easy reading reference to many of the common dental conditions and procedures that exist in small animal practice. This 7.25 × 10.25-inch paperback is packed with the condensed details that are a must know for those newly initiated to veterinary dentistry.

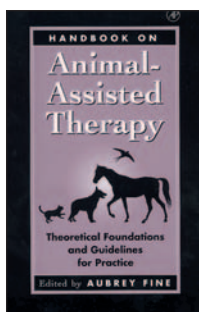
Nineteen color plates of high detail depict common dental disorders. Commonly performed procedures and radiographs are displayed throughout the book in 103 figures. Tables provide information regarding dental eruption times, stages of periodontal disease, orthodontic classifications, and resorptive lesions. Pocket pet dentistry has been included as an added bonus.

A detailed table of contents sets the stage for this quick reference text, and a glossary of commonly used dental terms completes it. The authors' goal is achieved to provide a "companion" to readily assist the student or practitioner in search of dental knowledge.—By *Heidi B. Lobprise & Robert B. Wiggs*. 211 pages; illustrated. American Animal Hospital Association, 2370 Cherry Street, Denver, CO 80207. 2000. Price \$84.00.

Continued on next page.

Handbook on Animal-Assisted Therapy

Reviewed by Mary-Ann Sontag, PhD



Animal-assisted therapy is a cross-disciplinary field that promotes the use of animals in the enhancement of human well-being. Although several books have been published in recent years on the topic, this book provides a scholarly approach to the topic and should prove to be one of the seminal works in the field. Contributions by well-respected professionals from a broad range of disciplines with a

shared interest in the field of animal-assisted therapy give this book depth. Chapters both blend well with each other and stand alone as important contributions to the emerging body of knowledge in this field.

The book begins by establishing the value of the human-animal bond as a context for understanding animal-assisted therapy. The historical perspective offered is interesting and valuable. Subsequent chapters explore models of “Best Practice” in animal-assisted therapy, including chapters examining the impact on special populations such as the elderly and people with HIV/AIDS and other chronic illnesses. The book offers guidelines for implementation of programs as well as discusses theoretic and ethical issues involved with animal-assisted therapy. It is a well-written and interesting book and makes a considerable and important contribution to the field of animal-assisted therapy. This book would make an ideal text for courses in this topic and should be in the personal library of those interested in the human-animal bond and animal-assisted therapy.—*Edited by Aubrey Fine. 481 pages; illustrated. Academic Press, 525 B Street, Suite 1900, San Diego, CA 92101-4495. 2000. Price \$59.95.*

Small Animal ECGs: An Introductory Guide

Reviewed by Patti S. Snyder, DVM, MS, DACVIM



The preface of this new introductory book on electrocardiography describes the author's intention: to introduce (or reintroduce) the practitioner, student, or veterinary technician to electro-

cardiography. Along this line, the author specifically states that the reader should work through the book, cover to cover. It is not meant as a book for the reader to “match up” a patient's ECG with one in the book to obtain an electrocardiographic diagnosis. The text is meant to be introductory and does not include an extensive array of complex arrhythmias. The illustrations, including the ECG, are well thought out and illustrate the text well.

A minor weakness is that the written description of the ECG abnormality may not be printed on the same page as the ECG itself, making the reader turn pages back and forth to look at the example. Another minor problem is the statement “when the QRS-T com-

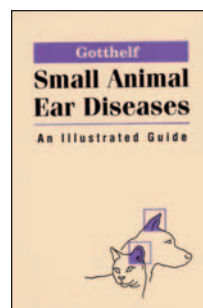
plex is different from the normal complex, the only possible site of origin is a ventricular ectopic focus...,” which is not completely accurate. Although uncommon, intermittent bundle branch blocks and supraventricular premature complexes conducted with aberrancy can also result in this.

A few of the illustrations are duplicated, and these could have been changed or deleted. Lastly, because the other illustrations were so good in explaining concepts, I was hoping for a nice illustration to assist in the understanding of atrial fibrillation, but there were none.

The book can be read cover to cover in a few hours and will assist anyone having difficulty with basic electrocardiography. The book is affordable.—*By Mike Martin. 128 pages; illustrated. Iowa State University Press, 2121 South State Avenue, Ames, IA 50014-8300. 2000. Price \$34.95.*

Small Animal Ear Diseases: An Illustrated Guide

Reviewed by Daniel D. Smeak, DVM, DACVS



As its title implies, this soft-covered book is chiefly devoted to the visual diagnosis and medical treatment of common ear diseases in dogs and cats. It contains one of the best collections of high-quality otoscopic images of small animal external and middle ear diseases available in veterinary literature. Impressive color images include detailed captions describing the clinical case. These provide a good

background of pathologic findings in the ear canal to help identify local ear conditions and tailor specific local treatment.

The text, written by ten contributing authors, provides a largely accurate practical guide aimed at the practicing veterinarian and student. Much of the text, however, reflects the experience and opinion of the editor and is not from well-referenced sources. Chapters do not flow well, because they are not presented in any particular order, and there are areas of redundancy. Although helpful basic techniques such as ear cleansing and preparation of the ear for otoscopic examination are thoroughly described, in many areas such as dermatologic work-up, the discussion is too general to be useful for experienced veterinarians. Notably absent in the text is a discussion about diseases of the pinna and surgical treatment. At the end of the book is a useful formulary organized by the function of the active agent and by product trade-name.

Although there are better textbooks available devoted to the diagnosis and treatment of ear diseases, this inexpensive book provides an excellent visual guide of many external and middle ear disorders in dogs and cats.—*By Louis N. Gotthelf. 288 pages; illustrated. W. B. Saunders Company, The Curtis Center, Independence Square West, Philadelphia, PA 19106. 2000. Price \$45.00.*

Veterinary Ophthalmology

Reviewed by David T. Ramsey, DVM, DACVO



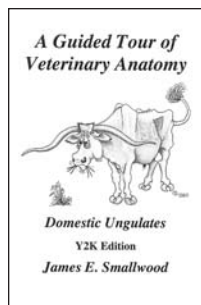
The third edition of this book is an exceptional and comprehensive composition regarding applied clinical ophthalmology and basic vision science. This edition is substantially improved over the second edition, including 4 sections composed of 37 chapters (8 more chapters than the second edition).

The first section consists of chapters that describe ocular development, structure and function, and physical optics in thorough detail. This section is a must read for veterinarians pursuing advanced degree training as a foundation upon which clinical and investigative vision science (presented in succeeding chapters) is based. The second section includes chapters about clinical and molecular genetics of ocular disease, ocular immune responses, microbiology, pharmacology and therapeutics, pathology, diagnostic procedures, imaging, and electrodiagnostic evaluation of vision. This section is well-organized, thorough, and contemporary and identifies specific subjects that strengthen and provide science to the clinical practice of veterinary ophthalmology. The third section is dedicated strictly to canine ophthalmology and targets clinical veterinarians, residents, and interns, and third- and fourth-year veterinary medical students. This section is organized and presented in a logical and concise format. Detailed text and figures simplify the diagnosis and treatment of diseases affecting the canine eye and orbit. The text also provides valuable historical and contemporary information about mechanisms of disease, demographic trends, and future therapeutic strategies for each ocular disease process. Separate surgical chapters have been added in the third edition for the cornea and sclera, lens, and posterior segment. The final section is devoted to ocular abnormalities within a given species (feline, equine) or classification (food animal, poultry, laboratory animal, exotics). Three additional chapters (animal models of ocular disease in humans, neuro-ophthalmology, and ocular manifestations of systemic disease) are included in the fourth section and add substantially to this section.

With the exception of the eyelid chapter, the illustrations are of excellent quality and demonstrate exceptionally well specific ocular tissue structure, disease conditions, and surgical procedures. References cited are current and pertinent to the text, and the index is exceptional. As an authority on veterinary ophthalmology, weighing 4.6 kg, this book should not be considered a pocket reference.—*Edited by Kirk N. Gelatt. Third edition; 1,544 pages; illustrated. Lippincott Williams & Wilkins, 12105 Insurance Way, Hagerstown, MD 21740-5176. 1999. Price \$198.00.*

Guided Tour of Veterinary Anatomy: Domestic Ungulates (Y2K ed)

Reviewed by Vic Cox, DVM, PhD



It is not wise to judge a book by its cover, but anatomy books are often judged by their illustrations. In this regard, there is nothing remarkable about this laboratory manual. Beyond the illustrations, however, is a well-written guide for dissection of hooved (ungulate) animals. The tough spiral binding allows it to lie flat on a dissection table, and the plain paper withstands spills and smudges better

than glossy pages.

A generous infusion of humorous comments quickly destroys common stereotypes of anatomic books. Although most orthodox editors insist that scientific writers avoid use of the first person, the author's colloquial style has no rigid rules. This is a laboratory manual that students will find enjoyable to read.

Numerous clinical correlations add to the usefulness and appeal of this manual. The first chapter is devoted to the principles of radiography and interpretation with regard to normal anatomy. The author makes a good case for radiography being one of the most common applications of anatomic knowledge. The basics of radiology, which are presented in the first chapter, provide excellent preparation for the numerous radiographs of limbs in subsequent chapters. In addition, readers will find the manual full of numerous discussions of function not found in many anatomic textbooks.

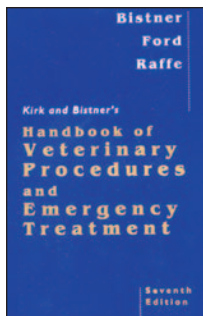
Although the large animal hospitals of many veterinary schools are slanted in an equine direction, the manual has a strong ruminant emphasis. Most of the drawings of dissections are based on the newborn calf, which is an excellent animal choice for easy dissection because of the convenient size, lack of fat, and plentiful availability. However, the most obvious deficiency of the manual is a shortage of drawings of dissected equine limbs and heads. Otherwise, the coverage of equine anatomy is well done, and ample reference is made to the pig. No mention is made of camelids or antlers.

The laboratory manual is to be used in conjunction with the *Textbook of Veterinary Anatomy*. Although this is a reasonable approach to the need for countless illustrations to learn veterinary anatomy, student preference is to have every possible illustration in one guide for laboratory use. In a real world assessment of what is available for ungulate dissection, however, this manual is without a doubt the best source available.—*By James E. Smallwood. 359 pages; illustrated. Laser Image Corporate Publishing, 2810 Meridian Pkwy, Durham, NC 27713-0524. 1999. Price \$42.50.*

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Kirk and Bistner's Handbook of Veterinary Procedures and Emergency Treatment

Reviewed by Dennis T. Crowe, DVM, DACVS, DACVECC



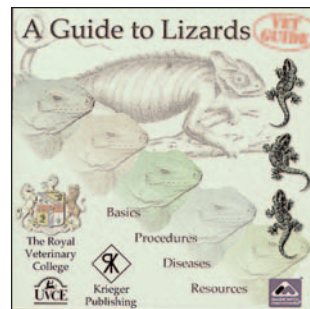
The most recent edition of this book is improved and now contains new information about many of the most common emergency conditions seen in small animal medicine and surgery. An example of new material is the addition of prehospital management of the injured animal in the front of the book. The book also has information not easily found elsewhere, such as a French conversion table, tail docking and dewclaw removal guidelines, and epiphyseal fusion times table.

Among the book's shortcomings is a missing warning that electrical defibrillation should be available if the high epinephrine dose recommended in the text is used in CPR. Another is the lack of a warning that the use of a tourniquet for the treatment of bleeding in an intact limb substantially increases the risk for amputation. There are also emergency drug dosages and calculations that require further explanations. An example is the use of epinephrine for anaphylactic shock. The text only mentions IV administration as a bolus. However, it also is effective if given early subcutaneously or intramuscularly deep in the epaxial muscles, and in some cases where arterial blood pressure is persistently low, it may be necessary to give it by a continuous rate infusion. There is also concern about including diagrams of techniques that are outdated (eg, proper placement of a pharyngostomy tube). Although there is much new material, there is still old information that is no longer applicable or is only partially correct. An example is the recommendation of using a Harleco CO₂ apparatus for the determination of acid-base status in animals. Today there are many hand-held instruments available that make determinations of PCO₂, pH, and HCO₃. The importance of strong-ion difference, which is also important in the determination of acid-base status of patients, is not addressed in the text.

It is recommended that this book be considered a valuable resource for information needed in the management of emergency patients and as a valuable resource for much more general and practical information. Because of the book's shortcomings, it should not be used alone but rather as a guide. Despite its faults, it is my opinion this book should be on the desk of every practicing small animal or mixed animal veterinarian.—By Stephen I. Bistner, Richard B. Ford, & Mark R. Raffé. Seventh edition; 1,040 pages; illustrated. W. B. Saunders Company, The Curtis Center, Independence Square West, Philadelphia, PA 19106. 2000. Price \$57.00.

A Guide to Lizards

Reviewed by James D. Letcher, DVM, MPVM



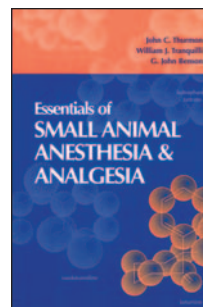
As a concise informative CD-ROM, material is presented in four sections: basics, procedures, diseases, and resources. Each section provides an interactive format that allows for a progressive accumulation of information. Photographs, short video, and short audio clips are amply inter-

perspersed to illustrate points made in the text. Working through each section takes about an hour. In the basics section, lizard anatomy, physiology, and taxonomy are well treated. A succinct overview of lizard husbandry is useful and is supplemented by specific information for those species commonly kept in captivity. Illustrations of common clinical techniques, especially diagnostic sample collection and physical examination, will be of great help to veterinarians unfamiliar with saurian medicine. The disease section comprehensively discusses renal disease, metabolic bone disease, cystic calculus, and dystocia. Other disease conditions receive abbreviated or no coverage; for example, little reference is made to specific infectious or parasitic agents. References, a bibliography, and many useful form charts and informational handouts covering dietary and husbandry requirements of individual species are provided in the resource section.

Overall, this is an easy to use and effective CD-ROM that provides an excellent basic overview of lizard medicine. It is reasonably priced. I strongly recommend this CD-ROM for any individual seeking to develop or review their clinical competence and knowledge of saurian medicine.—By Michael Waters, Michael Voyce, Peernel Zwat, & Frederic L. Frye. CD-ROM. Krieger, PO Box 9542, Melbourne, FL 32902. 1999. Price \$55.00.

Essentials of Small Animal Anesthesia & Analgesia

Reviewed by Robert E. Meyer, DVM, DACVA



This soft-covered handbook has distinguished editors and contributing authors and is written in an outline format with text, tables, and figures. As the title indicates, this book provides information on anesthesia of dogs, cats, birds, reptiles, and amphibians. A stated goal was to provide a concise source of important physiologic and pharmacologic principles to provide an understanding of how anesthetic

drug administration influences normal body function. In this regard, this book is more complete than most similar manuals or handbooks of small animal anes-

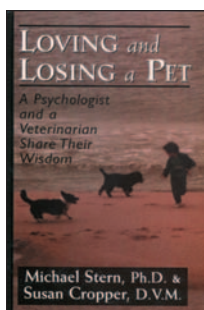
thetia currently available. The index is well cross-referenced.

The book contains some misprints and outdated material. For example, the dose of mannitol for treatment of renal failure is given as 0.25 to 0.5 mg/kg of body weight (pp 457–458); the usual dose for this purpose is 0.25 to 0.5 g/kg. Innovar-Vet is listed in Tables 9.4 and 9.5 for use in controlling aggressive dogs, but this drug combination has not been available in the United States since 1994.

Book Reviews: For Your Client's Library

Loving and Losing a Pet: A Psychologist and a Veterinarian Share Their Wisdom

Reviewed by James M. Harris, DVM



The combined experience of a clinical psychologist and veterinarian has produced an excellent volume for the veterinary audience and our clients. Both authors' writing styles are clear and easily read and complement each other. The topics of attachment and loss are covered in detail with examples from the clinical experience of a psychologist and a veterinarian.

Much has been written in the veterinary literature on loss, but little has appeared on attachment. This volume covers both.

Principles of attachment are explained and its value to human development covered. Attachment is a human need that changes from childhood to advanced age. Loss at the various stages can be quite complex, especially when the client has special needs and a special relationship with the animal. The section on selection is carefully crafted and gives useful pointers, as does the section on legal issues. Finally, the authors collaborate on loss: unexpected loss, missing pets, accidents, and disasters.

The question of euthanasia is presented and is accompanied by a list of questions a person should consider. Grief and bereavement, with its reactions both normal and abnormal, are well covered, and a special section on children and the loss of a pet completes this section. Knowing that recovery from loss can at times be difficult, the book discusses prolonged grief, helping someone, support groups, and professional help from both a veterinarian and a therapist.

The book has useful references and related readings and is well-indexed. I highly recommend this volume for all veterinarians caring for pets and their people.—By Michael Stern & Susan Cropper. 232 pages; illustrated. Jason Aronson Publishers, 230 Livingston Street, Northvale, NJ 07647. 1999. Price \$25.00.

Practitioners and students are identified as the target audience for this book. For those solely interested in small animal anesthesia, this book would be reasonable to consider adding to your library. A more inclusive textbook of veterinary anesthesia, however, would likely better serve students, interns, and residents.—*Edited by John C. Thurmon, William J. Tranquilli, & G. John Benson. 580 pages; illustrated. Lippincott Williams & Wilkins, 12105 Insurance Way, Hagerstown, MD 21740-5176. 1999. Price \$42.95.*

Hands-On Dog Care

Reviewed by Thomas K. Day, DVM, DAVCA, DACVECC



As a source that can offer medical information to dog owners and initial approaches to first aid, this book is well-written. The most impressive aspect of this book is that owners can obtain basic information about most common problems.

The first section covers common problems based on the body system and is complete. The most important aspect of this section is that owners become educated on the problems but are also directed to seek veterinary advice on nearly every occasion. The book does not imply that owners should take action without consulting a veterinarian. Major emergency problems are explained in concise detail (eg, gastric-dilatation volvulus), and most owners will benefit from these detailed sections. A minor weakness in this section is that there are home care treatments that are listed for some problems. Although it is clear in the text that owners should seek veterinary attention, some of the home care treatments will invariably be performed by some owners and could potentially cause harm.

The second section offers preventative medicine tips and suggestions that are complete and exemplify the importance of general veterinary care. The only concern in this section is the detailed description of how to place bandages, especially around the head and abdomen. More emphasis could have been placed on the need to still seek veterinary attention after these bandages are placed. The chapter on toxic substances is complete and valuable.

The final section contains a veterinary medical glossary. This section is one of the best aspects of this book. Clients should be able to follow along and prompt their veterinarians for more information based on the contents of this section. Clients are becoming more and more educated, and this section will only help educate them further.

Overall, this book is extremely valuable for all dog