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This book presents a detailed guide to hand-rearing techniques for raising young birds, providing complete coverage of a wide variety of avian species and taxonomic groups for all avian care professionals. Chapters are written by expert rehabilitation, aviculture, and zoo professionals, and include useful references and bibliographies for further reading and research. Each chapter provides valuable information on appropriate intervention, housing, feeding, and care. Hand-Rearing Birds, Second Edition presents 50 chapters, including 12 new chapters on species or groups of species not featured in the previous edition. It also features color photographs that help illustrate many concepts pertinent to birds. This important reference: Offers a detailed guide to hand-rearing techniques including species-specific guides to caring for and raising young birds Covers a wide variety of avian species and taxonomic groups Discusses how to examine a chick to identify problems such as hypothermia, dehydration, injuries, and common diseases, and what to do Combines information on the science and skill needed to successfully hand-rear birds Presents full-color photographs throughout Hand-Rearing Birds, Second Edition is an essential resource for avian rehabilitators, breeders, veterinarians, and zoo staff. This remains the Foundation Manual for information across the range of exotic pets, from small mammals, through birds, reptiles and amphibians, to invertebrates. Commoner pets, such as rabbits, rodents and budgies retain their place. However, the ever-increasing range of non-traditional pets encountered by the veterinary surgeon in practice is reflected in coverage of some new groups, such as marsupials, ratites and crocodylians. This brand-new, full-color reference is a foundational text for veterinarians and veterinary students learning about companion exotic animal diseases. Organized by body system, Current Therapy in Exotic Pet Practice walks students through the most relevant information concerning the diagnosis and treatment of exotic animals - including the most relevant information on anatomy, physical examination, diagnostic testing, disease conditions, therapeutics, epidemiology of diseases, and zoonoses. Topics such as captive care, current standards of care for all exotic species, veterinary clinical epidemiology, and the effective prevention and management of infectious diseases are also included. Expert guidance on treating various disease conditions provides authoritative support for veterinarians who are less experienced in companion exotic pet care. Renowned authors and editors carefully selected topics of real clinical importance. Detailed coverage on how to identify and treat diseases (from common to rare) helps alleviate apprehension a veterinarian may feel when treating an unfamiliar species. Includes the latest information from the current scientific literature and addresses hot topics associated with treating companion exotic animals today. Vivid full-color images demonstrate the unique anatomic and medical features of each group of animals covered. A current and cutting-edge reference, Current Therapy in Avian Medicine and Surgery takes the popular Current Therapy approach in providing succinct and clear information pertinent to the medical care of avian species. Most chapters include an up-to-date delivery of the current state of knowledge on their subject material, and provide practical approaches and thought processes applicable to diagnosis and therapy where appropriate. Information is always easy to find, with topics including the latest advances in internal medicine; behavioral medicine; anesthesia, analgesia, and surgery. Sections dedicated to welfare, conservation, and practice risk management explore important, but less commonly discussed aspects of avian practice; and the pattern recognition portion of the text offers readers a view of what companion bird conditions are likely to be seen in practice in different parts of the world. Written by a team of highly regarded contributors from around the world, this text helps readers, regardless of location and current knowledge, develop and augment skills in the medical and surgical care of avian species. The Current Therapy format provides current, up-to-date, succinct and clear information pertinent to the medical and surgical care of avian species. Coverage of clinically significant topics includes current veterinary scientific literature and hot topics relating to today's avian medicine and surgery. Coverage of a wide variety of bird species includes psittacines, pigeons, raptors, ratites, waterfowl, gallinaceous birds, and less common species. More than 800 full-color images show avian disease, management strategies and thought processes, and aid in formulating guidelines to care. World-renowned, expert contributors provide cutting-edge information, offering authoritative, accurate, and sometimes controversial opinions in many areas of study. Summary tables simplify the lookup of key facts and treatment guidelines. References in each chapter facilitate further reading and research on specific topics. The BSAVA Small Animal Formulary continues to be one of the Association's most valued practical resources for veterinary surgeons. This new Part A, devoted to cats and dogs, has been fully reviewed and updated with 26 new drugs added, reflecting the extensive choice of products now available. Additionally, the protocol section has been revised and updated. This edition has been produced as a soft bound book, unlike the previous spiral bound editions, helping it to fit the lab coat pocket. Part B of the 9th edition is dedicated to exotic pets. This work contains all the preparations that are used as veterinary drugs and medicines. It describes them according to their pharmacological and therapeutic classifications, including the mechanisms of action of the drugs, side effects and dosages. MANUAL OF AVIAN MEDICINE presents a concise overview of avian medicine and is the first text on this topic to use a practical format based on symptoms. The first half is devoted to diagnosis based on clinical problems, followed by specific diseases. In addition, chapters on special topics such as surgery, anesthesia, endoscopy, pediatrics, behavior, and necropsy are included. The book concludes with an invaluable and extensive drug formulary with indications, dosages, and side effects and appendices with vital statistics, normal values, and conversion tables. * Presents a concise overview of all facets of avian medicine. * Features a practical outline format, allowing readers to find information quickly. * Includes a problem-oriented approach, which focuses on presenting complaint/clinical manifestations, thereby helping practitioners and students develop diagnostic skills. * Contains "Hot topic" chapters, which include avian behavior, anesthesia, and toxicology. * Offers an outstanding drug formulary, which features a comprehensive listing of drugs, indications, dosages, side effects, and more. * Integrates discussion of species, with differences discussed as necessary, reducing redundancy. * Includes an appendix on normal blood values. Jetzt auch in englischer Sprache! Dieser Atlas ist eine bislang einmalige Zusammenstellung aller bildgebenden Verfahren für die drei großen „Heimtierklassen“ Vögel, Kleinsäuger und Reptilien. Separate Sektionen des Buches behandeln die drei Tierklassen, was ein schnelles und spezifisches Nachschlagen von Informationen und Bildreferenzen ermöglicht. Jede Sektion beginnt mit der anatomischen Darstellung der Körperregionen in den einzelnen Diagnostikverfahren. In einem zweiten Teil werden die häufigsten pathologischen Befunde nach den Organsystemen dargestellt und im Vergleich besprochen. Die vergleichende Darstellung ermöglicht die schnelle und richtige Diagnose mit dem adäquaten Diagnostikverfahren. Alle Röntgen-, Ultraschall-, CT- und MRT-Bilder sind eindeutig beschriftet. Mit rund 1500 Abbildungen ist dieser Atlas ein konkurrenzloses diagnostisches Archiv für die Heimtierpraxis. This new edition continues to be the classic core textbook for

veterinary nursing students and a useful resource for qualified veterinary nurses. The edition has been revised and updated throughout and provides information covering the 'Day 1 Competencies' (D1Cs) and 'Day 1 Skills' (D1Ss), as set by the Royal College of Veterinary Surgeons (RCVS), and which every veterinary nurse graduate is expected to meet. This edition focuses on dogs, cats, small mammals, birds and reptiles. Learning objective boxes, references and further reading, and self-assessment questions accompany each chapter. Pain Management for Veterinary Technicians and Nurses guides readers through the important concepts of animal pain management, providing specific approaches to managing pain in a wide variety of veterinary conditions. Emphasizing the technician's role in advocating for the patient, the book equips technicians with the knowledge needed to manage pain in dogs, cats, horses, livestock, exotics, and zoo animals. Logically and comprehensively covering this difficult subject, Pain Management for Veterinary Technicians and Nurses provides both introductory material on the tenets of pain management and specific techniques to apply in the clinical setting. With information on recognizing and understanding pain, the physiology of pain, pharmacology, and analgesia in different settings, the book outlines how to practice good pain management as an integral part of nursing care. Pain Management for Veterinary Technicians and Nurses provides both basic and advanced information, allowing students, practicing veterinary technicians and nurses, and veterinary staff alike to take a more active role in pain management and develop a more thorough understanding of this complex subject. Authored by vets with experience in all aspects of avian care, this manual is an essential tool for those in general practice who do not often see birds. Subjects including anatomy and physiology, husbandry, behaviour, examination, surgical techniques are covered in detail; common presentations are also dealt with in individual chapters. Includes Quick Reference Guides Informative and detailed appendices Clinical signs-based section, exploring particular conditions in detail "This concise, one-of-a-kind reference provides expert coverage of the drugs and dosages you need to treat birds, fish, amphibians, reptiles, sugar gliders, hedgehogs, rodents, rabbits, ferrets, miniature pigs, primates, and wildlife."--Publisher. The only drug formulary on the market created solely for the treatment of exotic animals, Exotic Animal Formulary, 5th Edition addresses the most common questions and medical situations encountered in clinical practice. Using clear, current recommendations on drugs, indications, and dosages, this text helps you find the information you need fast. Written by clinical and research veterinarian James Carpenter, it includes biological tables with details on therapies and diets, normal blood parameters of common species, venipuncture sites, differential diagnosis, and medical protocols for common conditions. This thoroughly revised edition includes coverage of antimicrobial, antifungal, and antiparasitic agents, along with new chapters on invertebrates, backyard poultry and waterfowl, compound medications, and more! Nearly 200 drug tables provide clear, current recommendations on drugs, indications, and dosages used in treating exotic animals. Biological tables provide details on therapies and diets, normal blood parameters of common species, venipunctures sites, and medical protocols for common conditions. More than 20 expert authors contribute to this edition. All drug information is reviewed for accuracy, ensuring that this reference remains authoritative and current. NEW! Chapter on backyard poultry and waterfowl, an increasingly popular pet in the U.S. UPDATED Chapter on wildlife includes new information on: considerations for developing a wildlife policy in private practice; recommendations for safe restraint of native wildlife; recommendations for meat withdrawal times in game species for select medications; agents used in wild mammal emergencies; and much more. NEW! Information details the euthanasia agents used in fish. NEW! Information on amphibians includes the blood collection sites and the selected disinfectants for equipment and cage furniture. NEW! Information on hedgehogs includes common differential diagnoses based on physical examination findings and confirmed zoonotic diseases carried by hedgehogs. NEW Information on the constant rate infusion (CRI) protocols used in rabbits. NEW! Information on the protein electrophoresis values for ferrets. NEW! Information on compounding pharmacies. This reference gives the small animal practitioner a complete information source for the basics of avian medicine and surgery. It pulls together the international expertise of the avian veterinary community by incorporating the knowledge of authors world-wide. The first six chapters cover the basic medical information needed to run a primary care avian practice. The focus here is on introductory level material and the average companion animal practice. If you see between one and five birds a week, this text is for you. The later chapters are species-specific and help the veterinarian in evaluating, treating, and/or referring various bird species. The new edition builds on the success of the first edition and includes full colour illustrations throughout. First 6 chapters: cover basic information needed to run a primary care avian practice Later chapters: species-specific helping veterinarians to build up their knowledge in order to evaluate, treat and/or refer Multi-author text combining best practice tips and different techniques from avian experts worldwide: the editors are from 3 different countries and the chapter authors from many more Provides quick access to crucial information for the non-specialist Offers the basics of avian medicine and surgery Fully up-dated throughout Full colour throughout Increase of line drawings and illustrations in general Better quality images Includes practice tip highlights throughout Designed for workers and students in small animal practice, this pocket-sized reference contains a wealth of essential information on the categorization and prescription of drugs, along with diagnostic guidelines and explanations for standard laboratory procedures. Extensively updated, this new edition covers the most current medicines and dosages now recommended for small mammals. It includes a description of the use of the formulary and clearly lays out the indication for each drug, the forms in which it is available, dosage rates, adverse effects, contra-indications and drug interactions. The final section provides information on products. It also includes three indexes: a list of drugs for exotic species, a list organized by therapeutic uses, and a main index listing all drugs and their trade names. A handy reference designed for ease of use, this volume will be invaluable material for practitioners in every consulting room. The BSAVA Formulary has been one of the Association's most trusted and highly valued publications for over a quarter of a century. The Formulary provides an alphabetical list of drugs available for veterinary use in dogs and cats. Several new drug monographs have been added to this edition, including additional chemotherapeutic agents. Other additions include updated information on antibacterial use and a flowchart designed to clarify the prescribing cascade. The Canine and Feline Formulary is accompanied by a range of useful Client Information Leaflets which BSAVA members can access via the BSAVA Library (bsavalibrary.com/CIL) or the BSAVA app - these leaflets have been updated alongside the new edition. Trusted information on drugs available for veterinary use in cats and dogs Revised throughout with the newest drugs added Additional chemotherapeutic agents Update on antibacterial use Prescribing cascade flowchart There is currently a lot of interest within veterinary medicine in both dermatology and exotics, yet, despite this interest, there is no single text available that focuses on both these key areas. This book, for the first time, provides a practical guide to dermatological problems in birds, reptiles, fish and mammals. Divided into the four groups, each section has a chapter introducing the structure and function of the skin of each group, a chapter on examination and diagnostic tests, and further chapters on species specific skin diseases and treatments. Written in a quick reference format and including almost 200 colour photographs, this book is a handy resource for veterinary practitioners, veterinary students and veterinary dermatologists alike. Easy-to-use, comprehensive reference covering the less common species encountered in general veterinary practice Handbook of Exotic Pet Medicine provides easy-to-access, detailed information on a wide variety of exotic species that can be encountered in general veterinary practice. Offering excellent coverage of topics such as basic techniques, preventative health measures, and a formulary for each species, each chapter uses the same easy-to-follow format so that users can find information quickly while working in the clinic. Presented in full colour, with over 400 photographs, the book gives small animal practitioners the confidence to handle and treat more familiar pets such as budgerigars, African grey parrots, bearded dragons, corn snakes, tortoises, pygmy hedgehogs, hamsters and rats. Other species that may be presented less frequently including skunks, marmosets, sugar gliders, koi carp, chameleons and terrapins are also covered in detail to enable clinicians to quickly access relevant information. Provides comprehensive coverage of many exotic pet species that veterinarians may encounter in general practice situations Presents evidence-based discussions of topics including biological parameters, husbandry, clinical evaluation, hospitalization requirements, common medical and surgical conditions, radiographic imaging, and more The Handbook of Exotic Pet Medicine is an ideal one-stop reference for the busy general practitioner seeing the occasional exotic animal, veterinary surgeons with an established exotic animal caseload, veterinary students and veterinary nurses wishing to further their knowledge. This book covers physical examination, advice on interpreting diagnostic tests and avian anatomy and physiology. Disorders affecting the different body regions and systems make up the majority of the book from the external--skin, feathers, eyes, legs and feet--to the internal including the gastrointestinal tract and the cardiovascular system. Further aspects of avian medicine discussed in the book include behavioural problems, surgery, and formulary. It also adds four important new chapters: Husbandry, Grooming and Nutrition,

Diagnostic Imaging, Endoscopy, and Oncology as well as new sections on cardiovascular anatomy and neuroanatomy. The new edition has been thoroughly revised with updated diseases, new and expanded clinical techniques. Exotic Animal Formulary - E-Book The sixth edition of The Veterinary Formulary has been updated and revised by 51 expert contributors and reviewed by an advisory committee of veterinarians and pharmacologists. A very well constructed book which is especially necessary to the veterinary practitioner for the day to day management of all diseases, it is also useful to academics, pharmacists and researchers for a quick reference. Providing accurate, at-a-glance information on managing the diseases of birds and exotic pets, Clinical Veterinary Advisor: Birds and Exotic Pets is the only comprehensive resource on the market covering birds, reptiles, small mammals, and other non-traditional pets. Concise summaries of hundreds of common medical problems help you consider differential diagnoses, recommend diagnostic tests, interpret results mindful of unique species differences, utilize important concepts of species-specific husbandry and nutrition, prescribe treatments, and provide follow-up care. With contributions from recognized avian and exotics experts and edited by Jörg Mayer and Thomas M. Donnelly, this clinical reference provides all the information you need in one book! Six-books-in-one format includes six separate sections: Diseases and Disorders, Procedures and Techniques, Differential Diagnosis, Laboratory Tests, Clinical Algorithms, and Zoonoses. In-depth, cutting-edge coverage includes all exotic species - birds, reptiles, pocket pets, amphibians, and fish - in one comprehensive resource. Concise summaries feature a definition of each problem, epidemiology, physical findings and clinical presentation, etiology, differential diagnosis, diagnostic workup (such as laboratory tests and imaging studies), treatment, prognosis and patient follow-up, zoonotic potential, and references. Diagnostic and treatment algorithms provide easy-to-follow, step-by-step guidance to clinical assessment and treatment planning. A companion website includes the complete text from the book, making the entire contents fully searchable, along with 250 full-color illustrations, client handouts, and the ability to print out any pages. This work contains all the preparations that are used as veterinary drugs and medicines. It describes them according to their pharmacological and therapeutic classifications. Information is included in the text concerning the mechanisms of action of the drugs, side effects and dosages. 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 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. The 2nd Edition of this very popular pocket guide provides quick, convenient access to essential pharmacology information. Fully updated, it presents the latest medications and dosages for fish, reptiles, birds, rodents, amphibians, primates, and other exotic species. What's more, appendices offer biologic and physiologic norms, antibiotic classifications and indications, and conversion tables. Treatment of exotic pets can be challenging because of the wide variety of species and conditions that may be encountered. Although knowledge is progressing all the time, there remains a lack of data on commonly used drugs in these species. This new edition includes new drugs and expanded information on other drugs, reflecting the latest knowledge, with primary references where available. Dosages cover small mammals (including primates, sugar gliders and hedgehogs as well as rodents, rabbits and ferrets), birds, reptiles, fish and amphibians. Trusted information on drugs available for veterinary use in exotic pets Covers small mammals, birds, reptiles, fish and amphibians Revised throughout with the newest drugs added Primary references provided where available The only book of its kind with in-depth coverage of the most common exotic species presented in practice, this comprehensive guide prepares you to treat invertebrates, fish, amphibians and reptiles, birds, marsupials, North American wildlife, and small mammals such as ferrets, rabbits, and rodents. Organized by species, each chapter features vivid color images that demonstrate the unique anatomic, medical, and surgical features of each species. This essential reference also provides a comprehensive overview of biology, husbandry, preventive medicine, common disease presentations, zoonoses, and much more. Other key topics include common health and nutritional issues as well as restraint techniques, lab values, drug dosages, and special equipment needed to treat exotics. Brings cutting-edge information on all exotic species together in one convenient resource. Offers essential strategies for preparing your staff to properly handle and treat exotic patients. Features an entire chapter on equipping your practice to accommodate exotic species, including the necessary equipment for housing, diagnostics, pathology, surgery, and therapeutics. Provides life-saving information on CPR, drugs, and supportive care for exotic animals in distress. Discusses wildlife rehabilitation, with valuable information on laws and regulations, establishing licensure, orphan care, and emergency care. Includes an entire chapter devoted to the emergency management of North American wildlife. Offers expert guidance on treating exotics for practitioners who may not be experienced in exotic pet care. Celebrating its twentieth anniversary, the BSAVA Small Animal Formulary remains the indispensable guide to drugs used in veterinary practice. This edition has been fully revised and updated by an editorial panel of experts. As with previous editions, a number of new drug monographs have been added, including cetirizine, cisapride, moxifloxacin and torasemide, whilst those drugs no longer authorized for use in veterinary practice have been removed. The inclusion of examples of immunosuppressive protocols in the Appendix enhances the complementary information provided in the Formulary. This book updates completely the information on birds of prey and pigeons and doves found in the BSAVA Manual of Raptors, Pigeons and Waterfowl, published twelve years ago. The advent of the new BSAVA Manual of Farm Pets, which encompasses waterfowl, has allowed a change in focus to feature passerine birds in detail for the first time. The Manual starts with the all-important area of husbandry for the three groups, including those kept as working birds as well as ornamental and pet species. More general topics, such as handling, examination, diagnostic procedures and surgery are dealt with across the groups, with notes as required on specific differences. An excellent chapter is included on endoscopy and endosurgery - a major technique for avian patients. The specialist section on raptor disease is very detailed, including an in-depth chapter on foot disease, especially bumblefoot. Recent interest in captive breeding is reflected in detailed chapters on reproduction and paediatrics. The sections dedicated to pigeons and passerine birds look at birds at both the individual and flock level. A wealth of international expert authors, and the BSAVA Manual trademark practical approach and superb full-colour images throughout make this book a wonderful addition to the practice bookshelf. The first book to provide veterinarians with in-depth guidance on exotic animal surgical principles and techniques As the popularity of exotic animals continues to grow, it is becoming increasingly important for veterinarians to be knowledgeable and skilled in common surgical procedures for a wide range of exotic species. Written for practitioners and board-certified surgeons with a working knowledge of domestic animal surgery, Surgery of Exotic Animals is the first clinical manual to provide comprehensive guidance on surgical principles and common procedures in exotic pets, zoo animals, and wildlife. Edited by internationally recognized leaders in exotic animal surgery and zoological medicine, this much-needed volume covers invertebrates, fish, amphibians, reptiles, birds, and both terrestrial and marine mammals. Contributions from a team of surgery and zoo specialists offer detailed descriptions of common surgeries and provide a wealth of color images demonstrating how each procedure is performed—including regional anatomy and surgical approaches. An invaluable one-stop source of authoritative surgical information on exotic species, this book: Provides illustrated guidance on surgical principles and common surgeries performed in exotic species Describes general principles, instrumentation, equipment, suture materials, and magnification surgery Covers a wide range of procedures such as small and large mammal dental surgery, avian soft tissue surgery, reptile orthopedic surgery, and primate surgery Includes chapters on surgical oncology, megavertebrate laparoscopy, and minimally invasive surgery techniques Surgery of Exotic Animals is an indispensable clinical guide and reference for all private veterinary practitioners; exotic, zoo, and wildlife veterinarians; laboratory animal veterinarians; veterinary students; and veterinary technicians. Exotic Animal Emergency and Critical Care Medicine delivers the most relevant and current information required by general veterinary practitioners and veterinary specialists in treating emergent and critical exotic patients. Covering the management of common emergency presentations in exotic companion mammals, birds, reptiles, and amphibians, each section discusses triage and stabilization, diagnostics, nutrition and fluid therapy, analgesia, anesthesia, monitoring, CPR, and euthanasia. The book includes quick reference tables, species-specific drug formularies, and illustrations of exotic animal emergency

procedures and techniques. The information contained within is based on an extensive review of the most current literature and the combined knowledge and expertise of international leaders in the field of exotic animal medicine and surgery. A one-stop resource like no other, *Exotic Animal Emergency and Critical Care Medicine* makes it easy to find the information needed to effectively treat urgent and life-threatening conditions in pet exotic animals. The book covers a wide range of species, encompassing: Exotic companion mammals, including ferrets, rabbits, guinea pigs, chinchillas, rats, mice, hamsters, gerbils, hedgehogs, and sugar gliders Birds, including psittacines, passerines, doves and pigeons, as well as backyard poultry and waterfowl Reptiles, including turtles and tortoises, snakes and lizards Amphibians Equally useful for general practitioners, specialists in emergency and critical care and exotic animal medicine, veterinary students, and trainees, *Exotic Animal Emergency and Critical Care Medicine* is an essential resource for the emergent and critical care of exotic animals. This is a Pageburst digital textbook; 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 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. Formulary for Laboratory Animals is an invaluable reference for treatment of laboratory animals and pocket pets. Drugs are listed alphabetically and categorized in five sections based on pharmacologic activity and animal species. This at-a-glance pocket reference is valuable for students and practitioners of veterinary medicine, researchers and laboratory technicians who prescribe or administer drugs used on common laboratory animals. The third edition includes a stronger international component, coverage of several new drugs, hundreds of additional dosages, and a thorough update throughout based on the most current research. The third edition also includes a chapter describing how to estimate drug dosages among species using allometric scaling methodology. *Essentials of Avian Medicine and Surgery* is designed as a concise quick reference for the busy practitioner and animal nurse. Eminently practical, this classic avian text is prized for its down-to-earth approach. new contributions from world renowned experts in avian medicine new chapter on the special senses of birds, an understanding of which is crucial when giving advice on avian welfare problems fully up-to-date on the latest diagnostic and imaging techniques avian zoonotics are highlighted in infectious diseases section A quick, concise reference to the drugs and dosages used to treat exotic animals, *Exotic Animal Formulary, 4th Edition* addresses the most common questions and medical situations you encounter in clinical practice. Species covered include birds, fish, amphibians, reptiles, primates, wildlife, and all kinds of small mammals and "pocket pets." This edition is updated with a new chapter on invertebrates, information on the latest drugs, and a colorful new design. Written by clinical and research veterinarian James Carpenter, this book is the only drug formulary on the market created solely for the treatment of exotic animals. Nearly 200 drug tables provide clear, current recommendations on drugs, indications, and dosages used in treating exotic animals, including biological tables with details on therapies and diets, normal blood parameters of common species, venipuncture sites, differential diagnosis, and medical protocols for common conditions. All drug information is reviewed for accuracy, ensuring that this reference remains authoritative and current. Easy-to-use organization divides drug monographs into quick-reference chapters including: Invertebrates, Fish, Amphibians, Reptiles, Birds, Sugar Gliders, Hedgehogs, Rodents, Rabbits, Ferrets, Miniature Pigs, Primates, and Wildlife. Additional drug topics include antimicrobial, antifungal, and antiparasitic agents. More than 20 expert authors contribute to this edition. References in each chapter provide resources for further research and study. Convenient appendices provide a single source for information such as classes of drugs used to treat specific exotic animal conditions; efficacy of selected agents used to treat exotic animals; location of select laboratories to perform procedures; normal lab values; conversions; and equivalents. New Invertebrates chapter has been added. New two-color design makes information easier to access at a glance, with drug and biological tables shaded differently for fast lookup. Updated information includes coverage of the latest drugs introduced into the market. Electronic access is available via Pageburst, making it easy to search topics and drugs. Sold separately. In this issue of *Veterinary Clinics: Exotic Animal Practice*, guest editor Dr. Michael Pees brings his considerable expertise to the topic of Cardiology. Top experts in the field cover key topics such as comparative and functional anatomy of the sauropsid heart, heart diseases in reptiles, heart disease diagnosis and therapy in pet birds, ferret cardiology, and more. Contains 10 relevant, practice-oriented topics including spectral-CT contrast study: demonstration of the avian cardiovascular anatomy and function; histopathological findings in the cardiovascular system of psittacidae in routine diagnostics; more. Provides in-depth clinical reviews on cardiology in exotic animal practice, offering actionable insights for clinical practice. Presents the latest information on this timely, focused topic under the leadership of experienced editors in the field. Authors synthesize and distill the latest research and practice guidelines to create clinically significant, topic-based reviews. This book provides fundamental information on pet birds, menaces, and advances made in the diagnosis and treatment of menaces. It is the only book covering all species of pet birds, menaces and their individual management. The handful of related books available worldwide are largely outdated and focus on a single species or breed of pet bird. The book encompasses the history of bird keeping, common breeds of birds, their nutritional requirements, list of zoonotic diseases transmitted by birds and guideline for their prevention. It covers infectious, non-infectious clinical and metabolic diseases, and toxicity in detail with a special focus on the history of diseases, etiology, affected hosts, pathogenesis, clinical signs, diagnosis and treatment. Separate chapters detail relevant diagnostic techniques, management and care practices, including updated information. The book offers an invaluable guide for students and teachers in the field of (avian) veterinary medicine, scientists/research scholars working in related fields, and avian medicine practitioners, as well as all those progressive bird owners who want to know the basics of their care and management.