

Reptile Medicine And Surgery 2nd Edition

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Diseases and Pathology of Reptiles - Elliott Jacobson 2021-08-29

This two-volume set represents a second edition of the original Infectious Diseases and Pathology of Reptiles alongside a new book that covers noninfectious diseases of reptiles. Together, these meet the need for an entirely comprehensive, authoritative single-source reference. The volumes feature color photos of normal anatomy and histology, as well as gross, light, and electron microscopic images of infectious and noninfectious diseases of reptiles. The most detailed and highly illustrated reference on the market, this two-volume set includes definitive information on every aspect of the anatomy, pathophysiology, and differential diagnosis of infectious and noninfectious diseases affecting reptiles.

Select Topics in Dermatology, An Issue of Veterinary Clinics: Exotic Animal Practice, - Peter G. Fisher 2013-09-17

The latest information on dermatology of exotic pet animals for the exotic animal veterinarian. Topics to be covered include diagnostic approach to dermatologic disease, behavioural dermatopathies, ectoparasites, bumblefoot, erythema multiforme in the ferret, yellow fungus disease, dermatitis of reptiles, viral skin diseases of the rabbit, dermal neoplasias in small animals and avians, dermatologic conditions involving the feet, beak and claws, viral dermatopathies of ornamental and pet fish, alopecia in the guinea pig, amphibian chytridiomycosis, sebaceous adenitis in rabbits, and more.

Noninfectious Diseases and Pathology of Reptiles - Michael M. Garner 2020-09-03

This book accompanies Infectious Diseases and Pathology of Reptiles, Second Edition to cover noninfectious diseases of reptiles, meeting the need for a similar, authoritative single-source reference. The volume features color photos of normal anatomy and histology, as well as gross, light, and electron microscopic imagery of diseases. Subjects range from neoplasia, nutrition, and metabolic disease, and deposition disorders to developmental anomalies, trauma, and physical diseases, and the unique contribution of paleopathology and diseases of bone. Each chapter is supported by numerous figures, many of which are unique and cannot be found in the published literature. Readers will note that some of the chapters are based on organ system, a trend that will continue into the next edition to encompass all of the basic organ systems. This book holds the most information ever accrued into one publication on noninfectious diseases and pathology of this class of animals, providing information on every aspect of the anatomy, pathophysiology, and differential diagnosis. With up-to-the-minute data, a never-before-seen collection of images, and a stellar panel of contributors, Noninfectious Diseases and Pathology of Reptiles is the definitive resource for veterinarians, biologists, and researchers involved in the study of reptile diseases.

Hematology, An Issue of Veterinary Clinics of North America: Exotic Animal Practice, - Terry Campbell 2014-12-24

This issue, Guest Edited by Dr. Terry Campbell, focuses on Hematology in Exotic Animals. The comprehensive list of topics includes: Hematology of the Domestic Ferret (*Mustela putorius furo*), Hematological Assessment in Pet Rabbits: Blood Sample Collection and Blood Cell Identification, Hematological Assessment in Pet Guinea Pigs (*Cavia porcellus*): Blood Sample Collection and Blood Cell Identification, Hematology of Camelids, Avian Hematology, Fish Hematology and Associated Disorders, and more!

Reptile Medicine and Surgery - Douglas R. Mader 2006

This outstanding clinical reference provides valuable insights into solving clinical dilemmas, formulating diagnoses, developing therapeutic plans, and

verifying drug dosages for both reptiles and amphibians. The information is outlined in an easy-to-use format for quick access that is essential for emergency and clinical situations. Discusses veterinary medicine and surgery for both reptiles and amphibians Features complete biology of snakes, lizards, turtles, and crocodylians Provides step-by-step guidelines for performing special techniques and procedures such as anesthesia, clinical pathology, diagnostic imaging, euthanasia and necropsy, fracture management, soft tissue surgery, and therapeutics Covers specific diseases and conditions such as anorexia, aural abscesses, and digit abnormalities in a separate alphabetically organized section 53 expert authors contribute crucial information to the study of reptiles and offer their unique perspectives on particular areas of study The expansive appendix includes a reptile and amphibian formulary A new full-color format features a wealth of vivid images and features that highlight important concepts and bring key procedures to life 29 new chapters covering diverse topics such as stress in captive reptiles, emergency and critical care, ultrasound, endoscopy, and working with venomous species Many new expert contributors that share valuable knowledge and insights from their experiences in practicing reptile medicine and surgery Unique coverage of cutting-edge imaging techniques, including CT and MRI

Herd/Flock Health and Medicine for the Exotic Animal Practitioner, An Issue of Veterinary Clinics of North America: Exotic Animal Practice, E-Book - Shangzhe Xie 2021-08-08

This issue of Veterinary Clinics: Exotic Animal Practice, guest edited by Dr. Shangzhe Xie, is focused on Herd/Flock Health and Medicine for the Exotic Animal Practitioner. This is one of three issues each year selected by the series consulting editor, Dr. Jörg Mayer. Article topics include: Principles of herd/flock health and medicine; Therapeutics in herd/flock medicine; Managing the health of captive flocks of birds; Managing disease outbreaks in captive flocks of birds; Managing the health of captive herds of exotic companion mammals; Managing disease outbreaks in captive herds of exotic companion mammals; Managing the health of captive groups of reptiles and amphibians; Prevention is Better Than Cure: an Overview of Disease Outbreak Management in Herptiles; Reproduction management of herds/flocks of exotic animals; and Disease prevention programs in herds/flocks of exotic animals

Avian Medicine and Surgery in Practice - Bob Doneley 2018-09-03

Avian Medicine and Surgery in Practice is an invaluable quick reference resource for clinicians and a useful study guide for veterinary students. In this practical and beautifully illustrated book, early chapters cover 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, incubation of eggs, paediatrics and surgery. Written by an expert with more than 30 years of clinical experience in avian medicine, the new edition is thoroughly revised with updated diseases, new and expanded clinical techniques, and over 100 new color illustrations. 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.

Medicine and Surgery of Tortoises and Turtles - Stuart McArthur 2008-04-30

Medicine and Surgery of Tortoises and Turtles is an innovative and exciting

new reference book on the management of chelonians. Covering everything from species identification to virus isolation techniques, it is an indispensable source of information for veterinary practitioners treating sick or injured chelonians and all those involved in captive chelonian care, chelonian conservation medicine, and scientific research. Written by leading chelonian veterinarians from around the world, this definitive book includes: Detailed sections on anatomy, physiology, husbandry, nutrition, diagnosis, diseases, anaesthesia, surgery, therapeutics and conservation. Over 1000 full-colour photographs, which take the reader through disease recognition, practical nursing, captive husbandry and common surgical conditions. Down-to-earth clinical information presented in a user-friendly format. *Medicine and Surgery of Tortoises and Turtles* is both a step-by-step photographic guide and a detailed source of clinical and scientific data. As well as this, it contains fascinating material that has never been published before, ensuring that it will become the primary chelonian reference book.

Infectious Diseases and Pathology of Reptiles - Elliott R. Jacobson 2007-04-11
Far from the line drawings and black-and-white photos of the past, *Infectious Diseases and Pathology of Reptiles* features high-quality, color photos of normal anatomy and histology, as well as gross, light, and electron microscopic images of pathogens and diseases. Many of these images have never before been published, and come directly from

Exotic Animal Formulary - James Wyman Carpenter 2005

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.

Farm Animal Medicine and Surgery - Graham R. Duncanson 2013-01-01
Small animal veterinarians are increasingly taking on caseloads that include farm animals, with cases being presented by local hobby farmers, smallholders, and novelty pet owners. Recognizing this trend, this book provides a quick reference guide for small-animal trained veterinarians in the basics of surgery and treatment of farm animals. Popular animals such as cattle, sheep, goats, camelids and backyard poultry are covered, and basic techniques such as anaesthesia, clinical examination techniques, breeding, surgery and euthanasia are discussed. The book is an essential resource for practicing small animal veterinarians, veterinary and animal management students, for continuing professional development and as a refresher guide.

Advances and Updates in Internal Medicine, An Issue of Veterinary Clinics: Exotic Animal Practice - E-Book - Kembra Marshall 2010-08-31

A current review of important internal medicine topics for the exotic animal practitioner! Articles will review metabolic bone disease, avian hepatic disorders, avian female reproductive disorders, proventricular dilatation disease, avian renal disorders, ferret neoplasia, amphibian internal disorders, koi reproductive disorders, thyroid tumors and lymphadenopathies in guinea pigs, reproductive reptilian disorders, disseminated idiopathic myositis in ferrets, gastric stasis in rabbits, and much more!

Clinical Veterinary Advisor - E-Book - Joerg Mayer 2012-11-13

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.

Small Animal Dermatology - E-Book - Keith A. Hnilica 2016-08-01

Streamlined for practical, everyday use in the clinic, *Small Animal Dermatology: A Color Atlas and Therapeutic Guide, 4th Edition* provides concise, thorough information on more than 250 skin diseases affecting small animals. More than 1,400 high-quality images help to ensure accurate diagnoses, with coverage including recognizable clinical signs, top differentials, diagnostic tests, treatment recommendations, and prognosis for each disorder. The differential diagnosis chapter adds clarity to the difficult task busy students and practitioners face every day – identifying what dermatologic condition is causing a dog, cat, or exotic animal to suffer. Chapters list diseases based upon the frequency of their occurrence in the pet population, and detailed procedures include helpful illustrations of key techniques. Well-organized, concise, yet comprehensive, coverage of over 250 skin diseases in dogs, cats, birds, and exotic pets like rabbits, ferrets, hamsters, guinea pigs, gerbils, chinchillas, turtles, snakes, and lizards allows for quick and easy reference. Comprehensive drug appendices highlight information about dosage, adverse reactions, indications, and contraindications for antimicrobial, antiseborrheic, and antipruritic shampoo therapy, topical, otic, and systemic therapeutic drugs. Detailed procedures include helpful illustrations of key techniques. Thoroughly covers each disorder with recognizable clinical signs, top differentials, diagnostic tests, treatment recommendations, and prognoses. More than 1,450 vivid, full-color images in atlas format clearly demonstrate clinical appearance of skin lesions to facilitate accurate diagnosis and treatment. An atlas of before- and after-treatment images provides you with a compelling client communication tool to promote treatment acceptance and compliance. Emphasizes important information on the continuing emergence of zoonotic skin diseases in each chapter.

Emergency and Critical Care, An Issue of Veterinary Clinics of North

America: Exotic Animal Practice, E-Book - Margaret Fordham 2016-05-27
This issue of *Veterinary Clinics of North America: Exotic Animal Practice* focuses on Emergency and Critical Care. Articles include: Basic Shock Physiology and Critical Care; Common Emergencies in Pet Birds; Emergency and Critical Care in Pet Birds; Common Emergencies of Small Mammals; Critical Care, Analgesia and Anesthesia of Small Mammals; Toxicologic Emergencies in Exotics; Common Wildlife Emergencies; Arachnid and Insect Emergency Care, Rabbit Physiology and Treatment for Shock? and more!

Exotic Animal Formulary - eBook - James W. Carpenter 2012-09-02

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.

Essentials of Tortoise Medicine and Surgery - John Chitty 2013-07-11

Reach for this book whenever a sick or injured tortoise comes into the surgery. *Essentials of Tortoise Medicine and Surgery* is designed as a concise and practical quick reference for the busy practitioner seeing chelonians as part of their caseload. Covering everything from species identification to common basic surgery for tortoises and freshwater turtles, the emphasis is on the more common and likely diagnoses. The first section of the book gives an overview of the basics of tortoise and semi-aquatic/aquatic freshwater turtle husbandry and keeping, as well as a guide to general investigation and diagnostic techniques open to clinicians. The second section provides a clinical guide based on clinical signs and differential diagnoses. Based upon the experience of authors who have been practicing with these species for several decades, this book is a useful guide to veterinarians, students, veterinary nurses and technicians new to working with these fascinating creatures. It will also serve as a useful aide memoire to more experienced clinicians.

Current Therapy in Exotic Pet Practice - Mark Mitchell 2016-01-05

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.

Current Therapy in Reptile Medicine and Surgery - Douglas R. Mader 2014
Current Therapy in Reptile Medicine and Surgery is a valuable reference that emphasizes topics of real clinical relevance in reptile and amphibian medicine. With details on therapeutic regimens, this text also features coverage of infectious diseases, anesthesia, surgery, and advances in biology and conservation. Colorful illustrations showcase exotic animals, and numerous tables and figures provide quick access to essential information. "This is a great book for anyone interested in herpetile medicine and surgery, worth every penny and I am sure will go on to become a regular series." Reviewed by:

Jonathan Cracknell. Date: 25/07/2014 Selected topics of real clinical significance from the latest veterinary scientific literature explore today's reptile and amphibian practice. A discussion of the most current theory and practical applications of diagnostic endoscopy in reptiles provides insight into minimally-invasive endoscopic procedures, including biopsy techniques. Expert contributors combine forces to bring you the most cutting-edge information available, offering authoritative and sometimes controversial opinions in particular areas. Expert contributors offer the most current thoughts on diagnosing new and emerging diseases, including a thorough review of molecular diagnostics. The latest therapeutics are discussed, and the most up-to-date formulary and library of normal clinical pathology values is provided. The most current and comprehensive discussion of amphibian medicine in print in the last decade!

Exotic Pet Behavior E-Book - Teresa Bradley Bays 2006-06-28

In addition to coverage of all normal behavior patterns -- sensory, communication, social and antisocial, reproductive, eating, and elimination -- this resource helps you identify medical implications of abnormal behavior, pain-associated behaviors, and effects of captivity. Client education handouts provide important information about caring for a variety of avian and exotic pets. A user-friendly format includes bulleted lists indicating how normal and abnormal behavior applies to species kept in captivity. Includes coverage of all normal behavior patterns, including sensory, communication, social and antisocial, sexual, eating, and elimination. Client education handouts are a convenient resource for providing clients with important information about caring for their pets. Expert authors provide the most current information in the field of avian and exotic pet behavior.

Medical and Surgical Management of Ocular Surface Disease in Exotic Animals, An Issue of Veterinary Clinics of North America: Exotic Animal Practice, Ebook - Sarah L. Czerwinski 2018-11-21

This issue of *Veterinary Clinics: Exotic Animal Practice*, Guest Edited by Dr. Sarah Czerwinski, is devoted to the Medical and Surgical Management of Ocular Surface Disease in Exotic Animals. Dr. Czerwinski has assembled a list of articles that covers ocular surface disease in a wide range of animals, including: Rabbits; Rodents (Guinea pigs, mice, rats, and chinchillas); Ferrets; Marine mammals; Birds; New world camelids; Fish; Amphibians; and Reptiles (crocodilians, lizards, chelonians, and snakes).

Current Techniques in Small Animal Surgery, Fifth Edition - M. Joseph Bojrab 2014-10-24

Current Techniques in Small Animal Surgery, Fifth Edition provides current information regarding surgical techniques from the perspective of clinicians who are performing specific procedures on a regular basis. It is intended to be concise, well illustrated, and reflective of the writer's experience, both good and bad. The emphasis with this volume is technique. The pathophysiologic principles and applications are covered in the companion volume, *Mechanisms of Disease in Small Animal Surgery, Third Edition*. These two books are regarded by most practitioners and students as being a two-volume set.

Current Therapy in Reptile Medicine and Surgery - E-Book - Douglas R. Mader 2013-12-12

Current Therapy in Reptile Medicine and Surgery is a valuable reference that emphasizes topics of real clinical relevance in reptile and amphibian medicine. With details on therapeutic regimens, this text also features coverage of infectious diseases, anesthesia, surgery, and advances in biology and conservation. Colorful illustrations showcase exotic animals, and numerous tables and figures provide quick access to essential information. "This is a great book for anyone interested in herpetile medicine and surgery, worth every penny and I am sure will go on to become a regular series." Reviewed by: Jonathan Cracknell. Date: 25/07/2014 Selected topics of real clinical significance from the latest veterinary scientific literature explore today's reptile and amphibian practice. A discussion of the most current theory and practical applications of diagnostic endoscopy in reptiles provides insight into minimally-invasive endoscopic procedures, including biopsy techniques. Expert contributors combine forces to bring you the most cutting-edge information available, offering authoritative and sometimes controversial

opinions in particular areas. Expert contributors offer the most current thoughts on diagnosing new and emerging diseases, including a thorough review of molecular diagnostics. The latest therapeutics are discussed, and the most up-to-date formulary and library of normal clinical pathology values is provided. The most current and comprehensive discussion of amphibian medicine in print in the last decade!

Endoscopy, An Issue of Veterinary Clinics of North America: Exotic Animal Practice 18-3, - Stephen J. Divers 2016-07-27

Drs. Stephen Divers and Laila Proença have assembled an expert team of authors focused on Endoscopy and Exotic Animals. Articles include: Definitive diagnosis in exotic animal practice: the essential value of endoscopy, Guinea pig cystoscopy and urolith removal, Flexible endoscopy including gastroscopy in ferrets with a section on Percutaneous Endoscopic Gastrostomy (PEG) Tube Placement and Use, Endoscopic rabbit sterilization, Endoscopy of small NH primates, Pulmonoscopy of snakes, and more!

Common Diseases of Companion Animals E-Book - Alleice Summers 2019-04-26

Solidify your understanding of the most common diseases you'll encounter as a veterinary technician! *Common Diseases of Companion Animals, 4th Edition* is an easy-to-use reference that's divided into sections by species, with chapters in each section organized by body system. Each disease is presented in monograph form, with clinical signs, diagnostic laboratory work-up, treatment options, and client information to ensure the information you need is always available. New to this edition is coverage of backyard chickens and potbellied pigs. This succinct text provides invaluable coverage for veterinary technology students and also serves as a handy reference for working practitioners. Coverage of the common diseases veterinary technicians are likely to encounter in practice keeps students up-to-date with the diseases and disorders they are most likely to assist in diagnosing and managing. Diseases organized by body system enables students to quickly refer to the most accurate information. Consistent, monograph format includes a description, clinical signs, laboratory work-up, treatment, medications, after care, client information, and prevention for each disease. Clearly defined role of technician helps students understand what is expected of them as a working professional. Tech Alerts emphasize key information on the process of caring for pets. Introductory chapter on pathophysiology provides information on the foundations of disease and the body's response to disease before proceeding to the specific diseases of each system. Full-color design and illustration program reinforces what diseases look like — such as signs exhibited in the animal, in lab specimens, and in surgical corrections — and demonstrates techniques, such as urethral catheter placement in a female cat. Nursing care sections include descriptions of changes in clinical signs with improvement or decline that will affect treatment, as well as more Tech Alerts to highlight the veterinary technician's responsibilities. A variety of review questions, including open-ended critical thinking questions. Vet Tech Threads direct learning by outlining key terms, learning objectives, and the glossary. NEW! Chapters on backyard chickens and potbellied pigs. NEW! EXPANDED content includes the latest information on disease prevention. NEW! Coverage of new veterinary diseases ensures that you have the most up-to-date information available.

Handbook of Avian Medicine - Thomas N. Tully 2009

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.

Behavior of Exotic Pets - Valarie V. Tynes 2013-05-31

Behavior of Exotic Pets is the first book on the subject to be written by behavioral experts, all with a wealth of practical experience. Divided into species-specific chapters, the book explains the normal behavior for each group of animals, including reproduction, parenting, communication and social behavior. The book also addresses animals' environmental needs based on their behavior to enable owners to provide better husbandry and avoid potential problems. Descriptions of common behavioral problems are included, with practical recommendations for their treatment or management. This text is essential for any veterinary professional who would like to improve their knowledge of exotic animal behavior. It also serves as a valuable reference for animal behaviorists, exotic animal veterinarians, veterinary students, and anyone caring for these animals in captivity. Key features: The first and only book on exotic pet behavior written by behaviorists. Covers a wide range of exotic pet species. Discusses methods for treating and managing common behavioral problems. Offers practical advice on topics such as housing and handling of animals. Includes separate chapters on learning, welfare, and behavioral pharmacology.

Exotic Animal Formulary - E-Book - James W. Carpenter 2017-09-20

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, venipuncture 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.

Laboratory Animal and Exotic Pet Medicine - E-Book - Margi Sirois 2022-01-01

Learn the veterinary technician's role in the care of exotic pets and animals used in biomedical research! *Laboratory Animal and Exotic Pet Medicine: Principles and Procedures, 3rd Edition* helps you gain the knowledge and skills needed to ensure animal health and well-being. It covers animal husbandry, restraint and handling, and diseases, and provides guidelines to

key clinical procedures such as blood collection, medication administration, anesthesia, and diagnostic imaging. Research-related information addresses the ethical concerns of exotic pet ownership, as well as the benefits and humane use of animals in research. Written by noted veterinary technology educator Margi Sirois, this text is a must-have resource for all caretakers of lab animals. Comprehensive coverage prepares you to work with all types of animals by addressing a wide variety of species including rats, mice, rabbits, guinea pigs, ferrets, hamsters, gerbils, nonhuman primates, amphibians, fish, reptiles, birds, farm animals, and cats and dogs; it also covers topics such as animal species, the laboratory setting, regulatory guidelines, and ethical considerations. Consistent organization of each species chapter makes it easy to quickly identify similarities and differences among various laboratory animals. Current information on legal, moral, and ethical issues includes legal requirements, the protocols guiding lab animal use, animal exploitation, and animal rights. Discussion of specific uses for each species in biomedical research provides a perspective that helps you explain the benefits of animal use in providing high-quality research data. Technician Notes highlight important points and provide helpful tips to improve your knowledge and skills. Learning objectives, key points, and chapter review questions make studying easier. NEW! Comprehensive coverage of poultry includes the increasingly popular backyard chickens, as well as commonly performed procedures and in-depth information on housing, restraint, nutrition, common diseases, diagnostics, and therapeutics. NEW photographs show the latest technology available in laboratory and exotic animal medicine.

Reproductive Medicine, An Issue of Veterinary Clinics of North America: Exotic Animal Practice E-Book - Vladimir Jekl 2017-03-30

This issue of Veterinary Clinics of North America: Exotic Animal Practice, Edited by Dr. Vladimir Jekl, focuses on Reproductive Medicine. Topics include: Reproductive disorders in aquarium fish; Reproductive disorders in amphibians; Imaging methods in the diagnostics of reproductive tract disorders in reptiles; Management of reproductive disorders in sea turtles; Reproductive medicine in fresh water turtles and tortoises; Diseases of the reproductive tract in snakes; Perinatology in reptiles; Reproductive medicine in lizards; Reproductive medicine in birds of prey; Reproductive disorders in parrots; Reproductive disorders in commonly kept fowl; Reproductive medicine in rabbits; Reproductive medicine in guinea pigs, chinchillas and degus; Reproductive disorders in marsupials; Reproductive medicine in ferrets; Reproductive disorders of rescue animals.

Veterinary Laboratory Medicine: Small and Exotic Animals, An Issue of Clinics in Laboratory Medicine - 2015-09-03

This issue of Clinics in Laboratory Medicine provides approaches and diagnostic techniques relating to the assessment of small and exotic animals. Topics covered include: Clinical Approach to Advanced Renal Function Testing in Dogs and Cats; A Laboratory Diagnostic Approach to Hepatobiliary Disease in Small Animals; Diagnosis of Small Intestinal Disorders in Dogs and Cats; Practical Interpretation and Application of Exocrine Pancreatic Testing in Small Animals; Using Cardiac Biomarkers in Veterinary Practice; Use of Lactate in Small Animal Practice; Diagnosis of Disorders of Iron Metabolism in Dogs and Cats; Making Sense of Lymphoma Diagnostics in Small Animal Patients; Hematology of Domestic Ferret; Hematological Assessment in Pet Rabbits: Blood Sample Collection and Blood Cell Identification; Hematological Assessment in Pet Rats, Mice, Hamsters, and Gerbils: Blood Sample Collection and Blood Cell Identification; Hematological Assessments in Pet Guinea Pigs: Blood Sample Collection and Blood Cell Identification; Avian Hematology; Reptile Hematology; Fish Hematology and Associated Disorders; Evaluation of the Blood Film.

Respiratory Medicine, An Issue of Veterinary Clinics of North America: Exotic Animal Practice - Vladimir Jekl 2021-04-28

This issue of Veterinary Clinics: Exotic Animal Practice, guest edited by Dr. Vladimír Jekl, is dedicated to Respiratory Medicine. This issue is one of three selected each year by the series consulting editor, Dr. Jörg Mayer. Topics discussed in this issue include—but are not limited to—Respiratory Tract Disorders in Fishes, Computed tomography and MRI of the respiratory tract of the reptile and avian patient, Snake Pulmonology, Respiratory disorders in

chelonians, Respiratory Diseases in Parrots, Respiratory disorders in Back-yard Poultry, Respiratory Disorders in Guinea pigs, Chinchillas and Degus, Respiratory Disorders in Rabbits, Diagnostics of infectious respiratory pathogens in reptiles, and Respiratory Disorders in Ferrets.

Reptile Medicine and Surgery - E-Book - Stephen J. Divers 2005-12-13

This outstanding clinical reference provides valuable insights into solving clinical dilemmas, formulating diagnoses, developing therapeutic plans, and verifying drug dosages for both reptiles and amphibians. The information is outlined in an easy-to-use format for quick access that is essential for emergency and clinical situations. Discusses veterinary medicine and surgery for both reptiles and amphibians Features complete biology of snakes, lizards, turtles, and crocodylians Provides step-by-step guidelines for performing special techniques and procedures such as anesthesia, clinical pathology, diagnostic imaging, euthanasia and necropsy, fracture management, soft tissue surgery, and therapeutics Covers specific diseases and conditions such as anorexia, aural abscesses, and digit abnormalities in a separate alphabetically organized section 53 expert authors contribute crucial information to the study of reptiles and offer their unique perspectives on particular areas of study The expansive appendix includes a reptile and amphibian formulary A new full-color format features a wealth of vivid images and features that highlight important concepts and bring key procedures to life 29 new chapters covering diverse topics such as stress in captive reptiles, emergency and critical care, ultrasound, endoscopy, and working with venomous species Many new expert contributors that share valuable knowledge and insights from their experiences in practicing reptile medicine and surgery Unique coverage of cutting-edge imaging techniques, including CT and MRI

Fowler's Zoo and Wild Animal Medicine, Volume 8 - E-Book - R. Eric Miller 2014-07-31

Logically organized by taxonomic groups, this up-to-date text covers the diagnosis and treatment of all zoo animal species and free-ranging wildlife, including amphibians, reptiles, birds, mammals, and fish, unlikely to be seen by private practice veterinarians. Featuring full-color images, the consistent, user-friendly format supplies information on each animal's biology, unique anatomy, special physiology, reproduction, restraint and handling, housing requirements, nutrition and feeding, surgery and anesthesia, diagnostics, therapeutics, and diseases. Global authorship includes multinational contributors who offer expert information on different species from around the world. "Veterinary care of non-traditional species is a rapidly progressing field and this title is the much awaited updated version of this zoo and wildlife practitioner's 'bible'. Reviewed by: Charlotte Day on behalf of The Veterinary Record, Oct 14 Global authorship includes internationally recognized authors who have contributed new chapters focusing on the latest research and clinical management of captive and free-ranging wild animals from around the world. Zoological Information Management System chapter offers the latest update on this brand new system that contains a worldwide wealth of information. General taxonomy-based format provides a comprehensive text for sharing information in zoo and wildlife medicine. Concise tables provide quick reference to key points in the references. NEW! All new authors have completely revised the content to provide fresh perspectives from leading experts in the field on the latest advances in zoo and wild animal medicine. NEW! Color images vividly depict external clinical signs for more accurate recognition and diagnosis.

Exotic Animal Medicine for the Veterinary Technician - Bonnie Ballard 2013-03-15

Exotic Animal Medicine for the Veterinary Technician, Second Edition is a comprehensive yet clear introduction to exotic animal practice for technicians in the classroom and clinic setting alike. With an emphasis on the exotic species most likely to present to a veterinary practice, the book offers easy-to-follow descriptions of common procedures and techniques. Covering information ranging from anatomy, restraint, and common diseases to radiology, surgical assisting, and parasitology, Exotic Animal Medicine for the Veterinary Technician provides technicians with all the information necessary to confidently and competently treat exotic patients. This book's companion Web site includes review questions and figures for download in

PowerPoint at www.wiley.com/go/ballard.

Reptile Medicine and Surgery in Clinical Practice - Bob Doneley 2018-02-05

A concise and practical quick reference guide to treating reptiles in first opinion veterinary practice. **Reptile Medicine and Surgery in Clinical Practice** is the ideal guide for the busy veterinarian treating reptile cases. Designed as a quick reference guide, but with comprehensive coverage of all the topics needed for first opinion practice, the book presents the principles of reptile medicine and surgery. Richly illustrated chapters cover anatomy, physiology, behaviour, husbandry, reproduction, common diseases and disorders, and much more. Application in a clinical setting is emphasized throughout, including guidance on the physical examination, diagnostic testing and imaging, treatment options, and anaesthetic and surgical techniques. Practical quick-reference guide—ideal for the busy, first-opinion veterinary practitioner. Richly illustrated in full colour throughout. Edited by a team of highly experienced exotic animal veterinarians. Useful reference for those studying for postgraduate certificates in exotic animal medicine. With contributions from experts around the globe, **Reptile Medicine and Surgery in Clinical Practice** is a valuable reference offering a balanced international view of herpetological medicine.

Reptiles and Amphibians - Fredric L. Frye 2015-10-05

Much has happened in the 19 years since the publication of the first edition of **Reptiles and Amphibians: Self-Assessment Color Review**. Many more scientists and clinicians have taken an interest in reptiles and amphibians, novel radiographic techniques have been developed, and veterinary surgeons have devised operative solutions to numerous serious

Soft Tissue Surgery, An Issue of Veterinary Clinics of North America: Exotic Animal Practice, - Kurt K. Sladky 2016-01-19

This issue of **Veterinary Clinics of North America: Exotic Animal Practice** focuses on Soft Tissue Surgery. Articles include: Update on Surgical Principles and Equipment, Updates on Principles of Perioperative Care, Updates on

Principles of Wound management, Enucleation techniques in exotic pets, Reptile Soft Tissue Surgery, Fish surgical procedures, Rabbit Soft Tissue Surgery, and more!

Mader's Reptile and Amphibian Medicine and Surgery- E-Book - Stephen J. Divers 2018-11-30

Known as "the bible" of herpetological medicine and surgery, **Mader's Reptile and Amphibian Medicine and Surgery**, 3rd Edition edited by Stephen Divers and Scott Stahl provides a complete veterinary reference for reptiles and amphibians, including specific sections on practice management and development; taxonomy, anatomy, physiology, behavior, stress and welfare; captive husbandry and management including nutrition, heating and lighting; infectious diseases and laboratory sciences; clinical techniques and procedures; sedation, anesthesia and analgesia; diagnostic imaging; endoscopy; medicine; surgery; therapy; differential diagnoses by clinical signs; specific disease/condition summaries; population health and public health; and legal topics. Well-organized and concise, this new edition covers just about everything related to reptiles and amphibians by utilizing an international array of contributing authors that were selected based on their recognized specialization and expertise, bringing a truly global perspective to this essential text!

Zoo Animal and Wildlife Immobilization and Anesthesia - Gary West 2008-04-15

Zoo Animal and Wildlife Immobilization and Anesthesia is the definitive, comprehensive reference for the growing fields of zoo, wildlife, and exotic animal veterinary medicine. This book covers key aspects of immobilization and anesthesia from pharmacology and restraint to supportive care. Alongside these chapters, the editors have brought together an impressive collection of species-specific chapters that will be an invaluable resource to those called upon to treat these animals.