

Veterinary Clinics Of North America Advances In Feline Medicine The Clinics Veterinary Medicine

This issue of *Veterinary Clinics: Small Animal Practice*, guest edited by Dr. Elisa Mazzaferro, focuses on Emergency and Critical Care of Small Animals. This is one of six issues each year. Articles in this issue include, but are not limited to: Cardiopulmonary Resuscitation in Small Animals; Transfusion Medicine in Small Animals; Extracorporeal Therapies in the ER and ICU; Respiratory Emergencies; Ocular Emergencies in the Small Animal Patient; Biosecurity Measures in Small Animal Practice; Albumin Therapy in Critical Illness; Canine Parvoviral Enteritis; Therapeutic Strategies in IMHA; Use of Antithrombotics in Critical Illness; Use of Intravenous Immunoglobulin in Clinical Practice; Use of Intravenous Immunoglobulin in Clinical Practice; Resuscitative Strategies for the Small Animal Trauma Patient; Use of Thromboelastography in Clinical Practice; Nutritional Support of the Critical Patient; Update on Anticonvulsant Therapy for the Small Animal Patient; Total Intravenous Anesthesia for the Small Animal Critical Patient; and Cageside Ultrasound in the ER and ICU.

This issue contains cutting edge information on the diagnosis and treatment of urolithiasis in small animals. Topics will include idiopathic lower urinary tract disease, compound uroliths, drug-induced uroliths, uroliths in exotic animals, diagnosis of inherited defects, dietary

management of urolith risk, treatment of uroliths by lithotripsy, and much more.

This issue of *Veterinary Clinics of North America: Food Animal Practice* focuses on Bovine Surgery. Article topics include: Local, regional, and spinal anesthesia in ruminants; Field sedation and anesthesia of ruminants; Respiratory Surgery; Surgery of the sinuses and eyes; Surgical procedures of the forestomachs; Surgical Management of Abomasal disease; Intestinal surgery; Surgery of the Umbilicus and Related Structures; Female reproductive surgery; Male reproductive surgery; Surgical management of the teats and udder; and more!

In this issue of *Veterinary Clinics: Food Animal Practice*, Guest Editor Jeffery R. Applegate brings his considerable expertise to the topic of Honey Bee Veterinary Medicine. Top experts in the field cover key topics such as Apiculture, Diseases of the Honey Bee, Population Medicine, Immunology, Nutrition, and more. Provides in-depth, reviews in Honey Bee Veterinary Medicine, providing actionable insights for veterinary 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 these timely topic-based reviews. Contains 15 relevant, practice-oriented topics including Pesticides and the Impact on Honey Bees; Practical Applications in Honey Bee Genetics; Foreign Pests and Diseases as Potential Threats to North American Apiculture; Honey Bee Welfare and Standards of Humane Euthanasia; and more.

Small Ruminants, An Issue of *Veterinary Clinics of North America: Food Animal Practice*
Honey Bee Veterinary Medicine, An Issue of *Veterinary Clinics of North America: Food*

Animal Practice , E-Book

Honey Bee Veterinary Medicine, an Issue of Veterinary Clinics of North America: Food Animal Practice, 37

Equine Neurology

Ruminant Surgery, An Issue of Veterinary Clinics of North America: Food Animal Practice, E-Book

Cardiology of the Horse is a multi-author, contemporary reference on equine cardiology. The first section reviews the physiology, pathophysiology and pharmacology of the equine cardiovascular system. The second section describes diagnostic methods from basic to specialist examination skills and the third section addresses the investigation and management of common clinical problems using a problem-orientated approach. Suitable for students, general and specialist practitioners and teachers. An up-to-date account of current clinical practice in equine cardiology covering: recent developments in research and practice problem-orientated approaches helpful to both general and specialist practitioners clinical management of specific groups from foals and racehorses to geriatric patients cardiac problems related to exercise, anaesthesia and intensive care A superb companion DVD of clinical cases with extensive footage combining theory and clinical practice: echocardiograms heart sounds and

murmurs ECGs radiography pathology Extensive linking of text to DVD, integrating fundamental principles and diagnostic data with information on clinical management of specific problems.

Fully revised and expanded, *Goat Medicine, Second Edition* includes discussions on new diseases ranging from bovine spongiform encephalopathy to floppy kid disease as well as major updates on important diseases such as scrapie, mycoplasmosis, paratuberculosis, and urolithiasis. Information has also been added on management of transgenic goats and organic goat production. The text begins by outlining fundamentals of goat practice and moves on to systems-based coverage of the goat. Each chapter provides clinical anatomy and physiology of every system alongside information on relevant clinical signs, differential diagnosis, and system-specific disease.

This issue of *Veterinary Clinics: Equine Practice*, guest edited by Dr. Sally DeNotta and Dr. Tracy Stokol, focuses on Clinical Pathology for the Equine Practitioner. This is one of three issues each year selected by the series consulting editor, Dr. Thomas J. Divers. Articles in this issue include, but are not limited to: practical tips on sample handling for hematology, biochemistry and cytology, what a hemogram can tell you, bone marrow, update on coagulation, inflammatory markers, point-of-care diagnostics, clinical pathology in the foal,

synovial, CSF, peritoneal, and pericardial fluids, airway diagnostics, liver and GI clinical pathology in sick adult horses, renal clinical pathology and urinalysis in sick adult horses, and clinical pathology in the performance horse.

This issue of *Veterinary Clinics: Food Animal Practice*, guest edited by Dr. Ray M. Kaplan, focuses on Ruminant Parasitology. This is one of three issues each year selected by the series consulting editor, Dr. Robert A. Smith. Articles in this issue include, but are not limited to: biology and epidemiology of GI nematode parasites in cattle, epidemiology and control of GI parasites of cattle in southern climates, epidemiology and control of GI parasites of cattle in northern climates, anthelmintic resistance and strategies for sustainable control of parasites, refugia-based strategies for parasite control in livestock, epidemiology and control of liver flukes, diagnostic methods in livestock parasitology, parasite vaccines, what Modeling parasites, transmission and resistance can teach us, fecal egg count reduction tests in cattle and small ruminants, ectoparasites of ruminants, ruminant coccidiosis, neosporosis, toxoplasmosis, and sarcocystosis in ruminants, giardiasis and cryptosporidiosis in ruminants, biology, epidemiology and control of GI nematodes in small ruminants, and realistic approaches to parasite control in ruminant livestock.

Common Toxicologic Issues in Small Animals: An Update, An Issue of *Veterinary*

Clinics of North America: Small Animal Practice

Ruminant Parasitology, An Issue of Veterinary Clinics of North America: Food Animal Practice

Equine Nutrition, An Issue of Veterinary Clinics of North America: Equine Practice

Veterinary Clinics: Equine Practice,, An Issue of Veterinary Clinics of North America: Equine Practice, E-Book

Advances in Gastroenterology, An Issue of Veterinary Clinics of North America: Small Animal Practice, E-Book

This issue of Veterinary Clinics: Exotic Animal Practice, guest edited by Dr. Christal Pollock, focuses on Renal Disease. This is one of three issues each year selected by the series consulting editor, Dr. Jorg Mayer. Articles in this issue include, but are not limited to: Anatomy and physiology of the avian renal system; Diseases of the avian renal system; Laboratory evaluation of renal function; Diagnostic imaging of the avian renal system; Clinical management of avian renal disease; Anatomy and physiology of the reptile renal system; Clinical management of reptile renal disease; Diagnostic imaging of the renal system in exotic companion mammals; Renal disease in amphibians; Renal disease in fish; Diseases of the reptile renal system; Diagnostic imaging of the reptile urinary system; and Renal disease in exotic companion mammals.

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In this issue of *Veterinary Clinics: Small Animal Practice*, guest editor Dr. Nicole J. Buote brings her considerable expertise to the topic of Soft Tissue Surgery. Many of the common illnesses and injuries occurring in cats and dogs are in a soft tissue organ. In this issue, top experts in the field provide comprehensive coverage of many of the key surgeries a practicing veterinarian might be expected to perform. Contains 13 relevant, practice-oriented topics including updates in upper respiratory surgery; updates in hepatobiliary surgery: new data on PSS and cholecystectomy; concepts in sterilization; current concepts in gastrointestinal surgery; updates in laparoscopy; and more. Provides in-depth clinical reviews on small animal soft tissue surgery, 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.

Equine Neurology, Second Edition provides a fully updated new edition of the only equine-specific neurology book, with comprehensive, clinically oriented information. Offers a complete clinical reference to neurologic conditions in equine patients Takes a problem-based approach to present a clinically oriented perspective Presents new chapters on imaging the nervous system, neuronal physiology, sleep disorders, head shaking, differential diagnosis of muscle trembling and weakness, and cervical articular process joint disease Covers the basic principles of neurology, clinical topics such as the

initial exam, differentials, and neuropathology, and specific conditions and disorders
Includes access to a companion website offering video clips demonstrating presenting signs

This issue of *Veterinary Clinics of North America: Small Animal Practice*, with Editor Dr. Joao S. Orvalho, focuses on Topics in Cardiology. Article topics include: Feline Aortic Thromboembolism: Prevention and Therapy; Atrial fibrillation: Current Therapy; Cardiorenal Syndrome: Diagnosis and Management; Asymptomatic Canine Degenerative Valve Disease: Current and Future Therapies; Feline Congestive Heart Failure: Current therapies; Right Ventricular Function: Imaging Techniques; Arrhythmogenic Right Ventricular Cardiomyopathy: An Update; Real-Time 3-D Echocardiography: From Diagnosis to Intervention; Gene Therapy: Applications in Veterinary Cardiology; Interventional Cardiology: An Update; Asymptomatic Hypertrophic Cardiomyopathy: Diagnosis and Therapy.

Geriatrics, An Issue of *Veterinary Clinics of North America: Exotic Animal Practice*, E-Book

Soft Tissue Surgery, An Issue of *Veterinary Clinics of North America: Small Animal Practice*

Wound Management, An Issue of *Veterinary Clinics of North America: Small Animal Practice*, E-Book

Hepatology, an Issue of Veterinary Clinics of North America Goat Medicine

This issue focuses on pediatric disorders in dogs and cats. Topics will include: clinical pathology of dogs and cats, pediatric neutering, pediatric immunization, nutrition, seizure disorders, canine pediatric dentistry, pediatric feline upper respiratory disease, neonatal fading syndrome, holistic pediatric medicine, management of the cleft palate, and urinary ectopia.

This issue focuses on the latest treatment options concerning bovine orthopedic conditions. Topics covered include: external fixation devices, orthotics and prosthetics, coxofemoral disease, septic arthritis, splints and casts, stifle disorders, internal fixation, diseases of the tendon, imaging techniques, and more!

This issue of Veterinary Clinics: Small Animal Practice, guest edited by Dr. Frédéric P. Gaschen, focuses on Advances in Gastroenterology. Articles in this issue include, but are not limited to: Esophagitis, Gastroprotective therapy
Gastric motility disorders in dogs and cats, Aerodigestive diseases in dogs, Digestive diseases in brachycephalic dogs, Acute hemorrhagic diarrhea syndrome in dogs, From bench top to clinics: How to use new tests to diagnose and treat dogs with chronic enteropathies, Differentiating IBD from alimentary lymphoma in cats, Canine protein-losing enteropathies and systemic

complications, Impact of GI microbiome changes in canine and feline digestive diseases, Dietary and nutritional approaches for the management of chronic enteropathy in dogs and cats, Value of probiotics in canine and feline gastroenterology, and Fecal microbiota transplantation in the dog.

This issue of Veterinary Clinics: Equine Practice focuses on Equine Pharmacology. Guest editor Dr. Gary Magdesian has assembled an expert team of authors on topics such as: Update on Anti-Inflammatories: NSAIDs; Update on Corticosteroids and Immune Suppressive Therapies; Antiherpetic Drugs; Update on R Equi Therapeutics; Update on Equine Protozoal Myeloencephalitis Therapeutics; Update on Pain Management in Horses; Inhalational Therapies; Update on Therapeutics for Endocrine Disorders; Cardiovascular Therapies; Therapeutics for Equine Gastric Ulcer Syndrome; Neonatal Pharmacology; and Update on Compounding for the Equine Practitioner.

Equine Pharmacology, An Issue of Veterinary Clinics of North America: Equine Practice, E-Book

Telemedicine, An Issue of Veterinary Clinics of North America: Small Animal Practice, E-Book

Ruminant Ophthalmology, An Issue of Veterinary Clinics of North America: Food Animal Practice, E-Book

Small Animal Practice

Forelimb Lameness, an Issue of Veterinary Clinics of North America: Small Animal Practice, Volume 51-2

Drs. Helio Autran de Moraes and Stephen DiBartola have assembled a comprehensive list of topics on Advances in Fluid, Electrolyte, and Acid-base Disorders. Just some of the many article topics include: Hypoxemia; Respiratory Alkalosis; Respiratory Acidosis; Anion gap and strong ion gap; Metabolic Alkalosis; Hyperchloremic Metabolic Acidosis; High Anion Gap Metabolic Acidosis; Hypercalcemia; Hypocalcemia; Chloride; Magnesium; Phosphorus; Practical management of dysnatremias; Spurious electrolyte disorders; Compensation for acid-base disorders; Fluid therapy: Options and rational selection; Maintenance fluid therapy: Isotonic versus hypotonic solutions; Are colloids bad and what are the options?; Fluid management in patients with trauma; Restrictive versus liberal approach, and more!

This issue of Veterinary Clinics: Food Animal Practice, guest edited by Drs. Amelia Woolums and Douglas Step, focuses on Bovine Respiratory Disease. This is one of three issues each year selected by the series consulting editor, Dr. Robert A. Smith. Articles in this issue include, but are not limited to: BRD from the 20th century to now: has anything changed?; Mannheimia haemolytica and Pasteurella multocida: how are they changing in response to our efforts to control them?; Mycoplasma bovis: what characteristics of this agent explain the disease that it causes?; Histophilus somni: antigenic changes relevant to BRD; The microbiome and BRD; Viruses in Bovine Respiratory Disease in North America: Knowledge Advances Using Genomic Testing; The Immunology of Bovine Respiratory Disease: Recent Advancements; Host tolerance to infection with

the bacteria that cause bovine respiratory disease; How does nutrition influence BRD?; How does housing influence BRD?; Diagnostic tests for BRD; Details to attend to when managing high risk cattle; BRD Vaccination: MLV vs Killed? IN vs Parenteral? What is the evidence?; Timing of BRD Vaccination; Causes, significance, and impact of BRD treatment failure; The effect of market forces on BRD; and The future of BRD management in the era of precision agriculture, rapid DNA sequencing, and bioinformatics.

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!

Dr. Jörg Mayer has assembled an expert panel of authors on the topic of nutrition in exotic animals. Articles include: Prescription diets for exotic pets, Supplements for exotic pets, Nutrition for reptiles, Nutrition for avians, Nutrition for amphibians, Nutrition for fish, Nutrition for marsupials, Nutrition for rodents, and Nutrition for Rabbits.

Advances in Fluid, Electrolyte, and Acid-base Disorders, An Issue of Veterinary Clinics of North America: Small Animal Practice, E-Book

Emergency and Critical Care, An Issue of Veterinary Clinics of North America: Exotic Animal Practice, E-Book

Bovine Orthopedics, An Issue of Veterinary Clinics of North America: Food Animal Practice, Nutrition, An Issue of Veterinary Clinics of North America: Exotic Animal Practice, Neurology, An Issue of Veterinary Clinics of North America: Small Animal Practice, E-Book This issue of Veterinary Clinics: Food Animal Practice, guest edited by Dr. Christopher Chase in collaboration with Consulting Editor Dr. Robert Smith, focuses on Ruminant Immunology. Article topics include: Herd immunity: an epidemiologist's view; Genetics of immunoresponsive and correlates of immunity; Microbiome and immunity: an evolving field; Vaccine administration dos and don'ts (endotoxin stacking; delayed MLV); Mycoplasma bovis: interactions with the immune system and failure to generate an immune response; Nutraceuticals and their effect on immune response; Adjuvants; Immunology of maximizing passive transfer; Mucosal immunity and common mucosal response; Vaccinating in the face of maternal immunity; and Gamma Delta T cells in ruminants: their role, function, and importance.

This issue of Veterinary Clinics: Small Animal Practice, edited by Dr. Philip Bergman and Dr. Craig Clifford, focuses on Cancer in Companion Animals. Topics include: Novel Non-Invasive Diagnostics; MCT: Cytologic and Histologic Grading Update; Sentinel LN & Sx Oncology Update; RT Oncology Update; Novel Prescriptions for LSA; Targeted Prescriptions Update; Electrochemotherapy; Tumor Ablation; Anorexia and the Cancer Patient; Histiocytic Sarcoma and HSA; Cancer Immunotherapies; and Personalized Cancer Medicine.

This issue of? Veterinary Clinics of North America: Small Animal Practice, with Editor Dr. Jonathan Lidbury, focuses on Hepatology. Article topics include: Laboratory evaluation of the liver; Getting

the most out of liver biopsy; Hemostatic disorders associated with hepatobiliary disease; Acute liver injury; Canine copper associated chronic hepatitis; Canine idiopathic chronic hepatitis; Feline hepatic lipidosis; Hepatobiliary neoplasia in dogs and cats; Diagnostic imaging of the hepatobiliary system; Hepatic encephalopathy; Canine idiopathic chronic hepatitis; Feline cholangitis.

This issue of *Veterinary Clinics: Small Animal Practice*, guest edited by Drs. Kevin P. Benjamino and Kenneth A. Bruecker, will focus on Forelimb Lameness. This is one of six issues each year. Articles in this issue include, but are not limited to: Gait Analysis and Kinematics, Assessment of orthopedic versus neurologic causes of gait change, Common pathology associated with the digits and metacarpal region Carpal injuries: from fractures to hyperextension injuries, Physeal injuries and angular limb deformities, The Shoulder Joint and Common Abnormalities, Common neoplastic diseases affecting the thoracic limb, Cervical spondylomyelopathy, IVDD and brachial plexus (peripheral nerve) injuries, Juvenile disease processes affecting the forelimb, Advanced Imaging of the forelimb, Soft tissue injuries affecting the forelimb, Rehabilitation for forelimb injuries, and Elbow Dysplasia.

Guide to Small Animal Clinics

Soft Tissue Surgery, An Issue of *Veterinary Clinics of North America: Small Animal Practice*, E-Book

Cardiology of the Horse

Changing Paradigms in Diagnosis and Treatment of Urolithiasis

Cardiology, an Issue of *Veterinary Clinics of North America: Exotic Animal Practice*, 25

Guest edited by Dr. Michelle A. Kutzler and Dr. Cynthia Wolf, this issue of Veterinary Clinics: Food Animal Practice will cover several key areas of interest related to Small Ruminants. This issue is one of three selected each year by our series Consulting Editor, Dr. Robert A. Smith. Articles in this issue include but are not limited to: Abdominal imaging in small ruminants-liver, spleen, gastrointestinal tract and lymph nodes, Imaging of the urinary and reproductive tract in small ruminants, Pain management in small ruminants, Management of urologic conditions in small ruminants, Hematologic conditions of small ruminants, Management of reproductive diseases in male small ruminants, Resuscitation Compression for Newborn Sheep, Estrus synchronization in the sheep and goat, Udder health for dairy goats, Update on lentiviruses in small ruminants, Reindeer veterinary care for small ruminant practitioners, Epizootic hemorrhagic disease (EHD) and CWD in cervids, Secure sheep & wool supply, Animal welfare concerns for small ruminant producers, Hysteroscopic imaging in camelids, and more.

This issue of Veterinary Clinics of North America: Small Animal Practice on Neurology, edited by Sharon Kerwin and Amanda Taylor, includes: Advances in High field MRI; Acupuncture for neurologic conditions; Head trauma; Pituitary hypophysectomy; Acute non-compressive disc extrusion and hydrated nucleus pulposus extrusion; Discospondylitis; Minimally Invasive Vertebral Column Surgery; Vascular events in the Brain; Fungal infections of the CNS; Feline Seizures; Clinical evaluation of the feline neurologic patient;

Intervertebral disc disease, recent advances in therapy; Three-dimensional printing role in neurologic disease; and Diffusion tensor imaging in spinal cord injury.

This comprehensive reference provides readers with everything they need to know about diagnosing and treating canine and feline respiratory disease. Significantly updated and expanded, it focuses on localization of disease, efficient diagnostic testing, and appropriate therapy. With more images, discussion, and diagrams, this Second Edition includes more detail and new information throughout, particularly in the areas of antimicrobial guidelines, anti-fungal therapies, and ant-viral medications in cats. Logically organized for ease of use in the practice setting, *Canine and Feline Respiratory Medicine, Second Edition* features problem-based learning to enhance working knowledge of the topics discussed. Chapters cover localization of disease, respiratory diagnostics, respiratory therapeutics, nasal disorders, and diseases of airways. Sections on parenchymal disease; pleural and mediastinal disease; and vascular disorders are also presented. Offers a complete guide to the diagnosis and treatment of respiratory conditions in canine and feline patients—now expanded to include more detailed and advanced information Focuses on localization of disease, diagnostic testing, and appropriate therapy Thoroughly updated with new antimicrobial guidelines, the latest information on anti-fungal therapy, and new advances in ant-viral medications in cats Includes many new images and topics for discussion Features problem-based learning to support a working understanding of the topics discussed *Canine and Feline Respiratory*

Medicine is an essential resource for veterinary internal medicine specialists, general practitioners, and veterinary students.

Drs. Lisa Howe and Harry Booth, Jr have assembled an expert panel of authors on the topics of Soft Tissue Surgery. Articles include: Current concepts in hepatobiliary surgery, Current concepts in portosystemic shunting, Current concepts in oncologic surgery, Current concepts in skin and reconstructive surgery, Medical device facilitation of soft tissue surgery, Considerations in perioperative drug use in the soft tissue surgery patient, and more!

Immunology, An Issue of Veterinary Clinics of North America: Food Animal Practice

Chronic Kidney Disease, An Issue of Veterinary Clinics of North America: Small Animal Practice, E-Book

Renal Disease, An Issue of Veterinary Clinics of North America: Exotic Animal Practice, E-Book

Bovine Respiratory Disease, An Issue of Veterinary Clinics of North America: Food Animal Practice

Clinical Pathology for the Equine Practitioner, An Issue of Veterinary Clinics of North America: Equine Practice

This issue of Veterinary Clinics: Exotic Animal Practice, guest edited by Dr. Paul Raiti, is focused on Geriatrics. This is one of three issues each year selected by the series consulting editor, Dr. Jörg Mayer. Article topics include: Geriatric Freshwater and Marine fish;

Geriatric Reptiles and Amphibians; Geriatric Psittacines; Geriatric raptors; Geriatric Rats, Mice, Hamsters, and Gerbils; Geriatric Ferrets; Geriatric Rabbits, Guinea Pigs, Chinchillas; Geriatric Invertebrates; Geriatric Hedgehogs; End of Life Decisions: Palliative Care, Hospice, and Euthanasia for Exotic Animals; and Pathology of Diseases of Geriatric Exotic Mammals. Guest edited by Drs Megan Shepherd and Patricia Harris, this issue of *Veterinary Clinics: Equine Practice* will cover several key areas of interest related to Equine Nutrition. This issue is one of three selected each year by our series Consulting Editor, Dr. Thomas Divers. Articles in this issue include but are not limited to: What all Veterinarians need to know about equine nutrition, How to avoid getting on the wrong side of the regulatory authorities, How to approach a nutritional investigation/assessment, Forage based nutrient deficiencies and toxicities, How can nutrition help with GIT based issues, Nutritional considerations when dealing with an underweight adult or senior horse, Nutritional considerations when dealing with an obese adult or senior horse, Nutrition and muscle, Nutrition and the broodmare, How safe and efficacious are certain nutraceuticals really, and more.

This issue of *Veterinary Clinics of North America: Small Animal Practice*, with Editor Dr. Marije Risselada, focuses on Wound Management. Article topics include: Initial management of traumatic wounds; Perforating thoracic and abdominal wounds; Systemic and local management of burn wounds; Management of radiation side effects to the skin; Debridement techniques and non-NPWT wound management; Negative Pressure Wound Therapy;

Wound closure, tension relieving techniques and local flaps; Axial pattern flaps; Free grafts and microvascular anastomoses.

Ruminant Ophthalmology, An Issue of Veterinary Clinics of North America: Food Animal Practice, E-Book

Pediatrics, An Issue of Veterinary Clinics of North America: Small Animal Practice, Emergency and Critical Care of Small Animals, An Issue of Veterinary Clinics of North America: Small Animal Practice, E-Book

Topics in Cardiology, An Issue of Veterinary Clinics of North America: Small Animal Practice

Exotic animal practice

Canine and Feline Respiratory Medicine

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 issue of *Veterinary Clinics: Equine Practice*, guest edited by Drs. Edward Earley, Robert Baratt, and Stephen S. Galloway, is focused on Equine Dentistry and Oral Surgery. This is one of three issues each year selected by the series consulting editor, Dr. Thomas Divers. Article topics include: History of Equine Dentistry; Oral Endoscopy; Dental Floating; Standing Sedation and Analgesia; Radiology Interpretation; Imaging: Computed Tomography Interpretation; Oral Extraction Techniques; Alternative Extraction Techniques; Standing Surgical Extraction Techniques; Sinus Surgery; Extraction Complications; and Nasal Endoscopy: Treating Bullae Disease and Sinus Disease.

In this issue of *Veterinary Clinics: Small Animal Practice*, guest editor Dr. Aaron Smiley brings his considerable expertise to the topic of Telemedicine. Given the sudden and surprising challenges brought forth by the COVID-19 pandemic, it is more important than ever for practicing veterinarians to be up to date on the current best practices surrounding telehealth and small animal care. In this issue, top experts in the field explore the many nuances of implementing telehealth in veterinary practice, providing readers with the latest best practices in several key areas. Contains 11 practice-oriented topics including wearables, feline arthritis, oncology, anesthesia, technology, hospice, and more. Provides in-depth clinical reviews on telemedicine, 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 issue of *Veterinary Clinics: Small Animal Practice* is a comprehensive update on Common Toxicologic Issues in Small Animals, edited by Dr. Stephen B. Hooser and Dr. Safdar A. Khan. The issue includes updated articles first published in the 2012 issue, including: Animal Poisoning Case Trends in the US; Investigative Diagnostic Toxicology and the Role of the Veterinarian in Pet Food-Related Outbreaks; Pet

Food Recalls and Contaminants; Use of Intravenous Lipid Emulsions for Treating Certain Poisoning Cases; Calcium Channel Blocker Toxicity in Dogs and Cats; Management of Attention-Deficit Disorder and Attention-Deficit/Hyperactivity Disorder Drug Intoxication in Dogs and Cats; Toxicology of Frequently Encountered Nonsteroidal Anti-Inflammatory Drugs in Dogs and Cats; Xylitol Toxicosis in Dogs; Toxicology of Avermectins and Milbemycins (Macrocylic Lactones) and the Role of P-Glycoprotein in Dogs and Cats; Toxicology of Newer Insecticides; Common Rodenticide Toxicoses; Mushroom Poisoning Cases in Dogs and Cats: Diagnosis and Treatment of Hepatotoxic, Neurotoxic, Gastroenterotoxic, Nephrotoxic, and Muscarinic Mushrooms; Differential Diagnosis of Common Acute Toxicologic Versus Nontoxicologic Illness; Common Reversal Agents/Antidotes in Small Animal Poisoning; and two new articles on the Toxicity of Marijuana & Synthetic Marijuana, and Radiation Emergencies.

The Veterinary Clinics of North America

Cancer in Companion Animals, An Issue of Veterinary Clinics of North America: Small Animal Practice
This issue of Veterinary Clinics of North America: Small Animal Practice focuses on Chronic Kidney Disease. Article topics include: New Biomarkers for Detecting Kidney Disease; Is Progressive CKD a Slow AKI?; Current Understanding of the Pathogenesis of Progressive CKD in Cats; Controversies; Update on Managing Feeding and Hydration in Dogs and Cats with CKD; Update on Phosphorous and Calcitriol Therapy; Update on Medical Management of Clinical Manifestations of CKD; and more!