

# current issues in veterinary medicine 2023

current issues in veterinary medicine 2023 have brought significant challenges and advancements that are shaping the future of animal healthcare. As veterinary professionals navigate through evolving diseases, technological innovations, and regulatory changes, it becomes imperative to stay informed about the critical topics influencing the field today. This article explores the most pressing concerns and emerging trends in veterinary medicine during 2023, including infectious diseases, antimicrobial resistance, animal welfare, and the integration of digital tools. These issues not only affect the health and wellbeing of animals but also have broader implications for public health and the veterinary profession as a whole. Understanding these topics in depth provides a comprehensive perspective on how veterinary medicine is adapting to meet contemporary demands. The following sections will delve into each key area, offering detailed insights and analysis relevant to practitioners, researchers, and stakeholders.

- Emerging Infectious Diseases in Veterinary Medicine
- Antimicrobial Resistance and Its Impact
- Advancements in Veterinary Technology
- Animal Welfare and Ethical Considerations
- Regulatory and Legislative Developments

## Emerging Infectious Diseases in Veterinary Medicine

One of the foremost current issues in veterinary medicine 2023 is the rise of emerging infectious

diseases affecting both domestic and wild animal populations. These diseases pose significant diagnostic and treatment challenges due to their evolving nature and potential zoonotic implications. Veterinary professionals are increasingly encountering new pathogens or variants that require updated protocols for prevention and control.

## **Notable Emerging Pathogens**

Several infectious agents have gained attention in 2023, including novel strains of canine parvovirus, highly pathogenic avian influenza, and new variants of feline calicivirus. These pathogens demonstrate increased virulence or resistance to traditional vaccines, necessitating rapid adaptation in clinical practice and vaccination strategies.

## **Zoonotic Disease Concerns**

With the close interaction between humans and animals, zoonotic diseases remain a critical concern. Diseases such as leptospirosis, rabies, and certain coronaviruses continue to require heightened surveillance and preventive measures within veterinary settings to protect both animal and human health.

## **Preventive Strategies and Surveillance**

Effective management of emerging infectious diseases hinges on robust surveillance systems, early detection, and timely vaccination programs. Collaboration between veterinary authorities, public health agencies, and researchers is essential to monitor disease trends and implement control measures efficiently.

# Antimicrobial Resistance and Its Impact

Antimicrobial resistance (AMR) remains one of the most challenging current issues in veterinary medicine 2023. The overuse and misuse of antibiotics in animals have accelerated the development of resistant bacterial strains, compromising the effectiveness of treatments and posing a threat to animal and public health.

## Causes of Antimicrobial Resistance in Veterinary Practice

Key factors contributing to AMR include the indiscriminate use of antibiotics for growth promotion, prophylaxis, and treatment, as well as inadequate dosing and incomplete treatment courses. These practices facilitate the selection of resistant microorganisms that can spread among animals and potentially to humans.

## Implications for Animal and Public Health

AMR leads to increased morbidity and mortality in animal populations due to the failure of standard treatments. Additionally, resistant pathogens can transfer to humans through direct contact, food products, or the environment, creating a significant public health concern that emphasizes the need for a One Health approach.

## Strategies to Combat Antimicrobial Resistance

Efforts to address AMR in veterinary medicine include:

- Implementing antimicrobial stewardship programs to ensure judicious antibiotic use.
- Developing alternative therapies such as vaccines, probiotics, and phage therapy.
- Enhancing diagnostic capabilities to enable targeted treatments.

- Raising awareness among veterinarians, farmers, and pet owners about responsible antibiotic use.

## **Advancements in Veterinary Technology**

Technological innovation is revolutionizing veterinary medicine, offering new tools for diagnosis, treatment, and client communication. In 2023, several cutting-edge technologies are addressing longstanding challenges and improving clinical outcomes.

### **Telemedicine and Remote Monitoring**

The adoption of telemedicine has expanded significantly, enabling veterinarians to provide consultations and follow-up care remotely. This technology improves access to veterinary services, particularly in underserved or rural areas, and enhances client engagement and compliance.

### **Diagnostic Imaging and Artificial Intelligence**

Advancements in diagnostic imaging, such as high-resolution ultrasound, computed tomography (CT), and magnetic resonance imaging (MRI), have improved disease detection and treatment planning. Additionally, artificial intelligence (AI) applications are emerging to assist with image interpretation, predictive analytics, and personalized treatment recommendations.

### **Wearable Devices and Health Monitoring**

Wearable technologies for animals, including GPS trackers and biometric sensors, provide real-time data on activity, vital signs, and behavior. These devices support early detection of health issues and enable proactive management of chronic conditions.

# **Animal Welfare and Ethical Considerations**

Animal welfare continues to be a central focus within current issues in veterinary medicine 2023.

Ethical considerations surrounding humane treatment, housing, and medical intervention are increasingly influencing veterinary practice, legislation, and public expectations.

## **Standards for Animal Care**

Veterinarians are at the forefront of advocating for high standards in animal husbandry, pain management, and end-of-life care. The implementation of evidence-based welfare protocols is critical for both companion animals and livestock.

## **Ethical Challenges in Veterinary Practice**

Complex ethical dilemmas arise around topics such as euthanasia, experimental treatments, and resource allocation. Veterinary professionals must balance animal interests, client wishes, and societal norms while upholding professional integrity.

## **Role of Veterinary Medicine in Conservation**

Veterinary involvement in wildlife conservation has expanded to address issues like habitat loss, species preservation, and disease management in wild populations. Ethical stewardship of wildlife health is an emerging priority that intersects with broader environmental concerns.

## **Regulatory and Legislative Developments**

Changes in laws and regulations significantly impact current issues in veterinary medicine 2023. These developments influence clinical practice, pharmaceutical use, and animal welfare policies across different regions.

## **Updates in Veterinary Drug Regulations**

Regulatory agencies have introduced stricter guidelines for the approval, distribution, and monitoring of veterinary pharmaceuticals, particularly antibiotics and vaccines. These measures aim to enhance drug safety, efficacy, and reduce misuse.

## **Animal Welfare Legislation**

New and revised animal welfare laws are being enacted to address concerns about factory farming, pet ownership, and animal research. Compliance with these regulations requires veterinarians to stay informed and adapt their practices accordingly.

## **Impact of International Agreements**

Global cooperation through organizations such as the World Organisation for Animal Health (OIE) influences national policies on disease control, trade, and veterinary education. Understanding these international frameworks is essential for veterinarians engaged in cross-border activities.

## **Frequently Asked Questions**

### **What are the major challenges in antimicrobial resistance in veterinary medicine in 2023?**

In 2023, antimicrobial resistance remains a critical issue in veterinary medicine, with increased cases of resistant infections in both companion and food animals. This challenges effective treatment and calls for stricter regulations on antibiotic use, improved stewardship, and development of alternative therapies.

## **How is climate change impacting veterinary medicine in 2023?**

Climate change in 2023 has led to shifts in disease patterns, with the emergence and spread of vector-borne diseases affecting animal health. Veterinary professionals are adapting by enhancing disease surveillance, promoting vaccination, and advising on environmental management to mitigate these impacts.

## **What advancements have been made in telemedicine for veterinary care in 2023?**

Telemedicine has gained significant traction in 2023, allowing veterinarians to provide remote consultations, improve access to care, and enhance monitoring of chronic conditions. Regulatory frameworks are evolving to support safe and effective virtual veterinary services.

## **How is the veterinary profession addressing mental health issues among practitioners in 2023?**

Awareness of mental health challenges in veterinary professionals has increased in 2023, leading to more resources, support programs, and initiatives aimed at reducing burnout, stress, and suicide rates within the profession.

## **What are the current concerns regarding animal welfare in intensive farming systems in 2023?**

In 2023, animal welfare concerns in intensive farming include issues related to housing conditions, handling practices, and the use of growth-promoting agents. There is a growing emphasis on implementing welfare-friendly standards and auditing systems to ensure ethical treatment.

## **How is precision medicine being integrated into veterinary practice in**

## 2023?

Precision medicine in veterinary practice is advancing in 2023 through the use of genomics, personalized diagnostics, and targeted therapies, enabling tailored treatment plans that improve outcomes for individual animals.

## What is the impact of emerging zoonotic diseases on veterinary medicine in 2023?

Emerging zoonotic diseases continue to pose significant risks in 2023, prompting veterinarians to play a crucial role in early detection, reporting, and prevention strategies to protect both animal and human health under the One Health approach.

## Additional Resources

### 1. *Emerging Infectious Diseases in Veterinary Medicine: Challenges and Solutions (2023)*

This book explores the latest outbreaks and emerging infectious diseases affecting animals worldwide. It highlights the role of veterinary professionals in early detection, control, and prevention strategies. Case studies emphasize zoonotic risks and integrated One Health approaches to safeguard both animal and human health.

### 2. *Antimicrobial Resistance in Veterinary Practice: Strategies for 2023*

Focusing on the growing threat of antimicrobial resistance (AMR), this volume provides updated guidelines for prudent use of antibiotics in animals. It discusses diagnostic advancements, stewardship programs, and alternative therapies to combat resistant pathogens. The book is essential for veterinarians aiming to preserve antibiotic efficacy.

### 3. *Climate Change and Its Impact on Animal Health: Veterinary Perspectives*

This book examines how shifting climate patterns affect disease prevalence, vector distribution, and animal welfare. It offers insights into adaptive veterinary practices and policy recommendations to mitigate climate-related health risks in livestock and companion animals. The content bridges



environmental science and clinical veterinary medicine.

#### *4. Advances in Veterinary Oncology: Novel Therapies and Diagnostics (2023 Edition)*

Covering cutting-edge developments in veterinary cancer treatment, this book reviews immunotherapy, targeted drugs, and precision diagnostics. It provides clinical case examples and discusses the integration of new technologies in oncology practice. Veterinarians will find valuable information to improve cancer care outcomes.

#### *5. Mental Health and Well-being in Veterinary Professionals: Addressing 2023 Challenges*

Highlighting the increasing awareness of mental health issues among veterinarians, this book offers strategies for stress management, resilience building, and workplace wellness. It includes expert advice, personal narratives, and organizational policies aimed at reducing burnout and improving professional satisfaction.

#### *6. Innovations in Veterinary Telemedicine: Enhancing Care in a Digital Age*

This volume explores the rapid adoption of telemedicine tools in veterinary practice, accelerated by recent global events. It details best practices, legal considerations, and technological advancements to improve remote diagnostics and client communication. The book serves as a guide for integrating telehealth into routine veterinary services.

#### *7. Nutrition and Metabolic Disorders in Companion Animals: Current Trends and Treatments*

Focusing on the rise of obesity, diabetes, and other metabolic conditions in pets, this book reviews nutritional strategies and therapeutic interventions. It examines the role of diet formulation, supplements, and lifestyle management in disease prevention and control. Veterinary nutritionists and general practitioners will benefit from its comprehensive approach.

#### *8. Veterinary Ethics and Legal Issues: Navigating Complex Cases in 2023*

This book addresses contemporary ethical dilemmas and legal challenges encountered by veterinarians. Topics include euthanasia decisions, animal welfare legislation, and client communication in difficult situations. It provides frameworks for ethical reasoning and compliance with evolving regulations.

## 9. *One Health Approaches to Zoonotic Disease Control: Insights for Veterinary Medicine*

Emphasizing the interconnectedness of human, animal, and environmental health, this book presents One Health strategies to manage zoonoses. It features multidisciplinary collaborations, surveillance programs, and case studies from recent outbreaks. The text is essential for veterinarians engaged in public health and disease prevention initiatives.

## **Current Issues In Veterinary Medicine 2023**

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**current issues in veterinary medicine 2023:** *Veterinary Public Health: Veterinary Medicine's Current Challenges in a Globalised World* Diana Meemken, Ivan Nastasijevic, Reinhard Fries, Suporn Thongyuan, 2025-03-21 The transfer of zoonotic agents leading to diseases and epidemics is well known, as well as the role played by human activity in the transmission of such agents. Veterinary Public Health (VPH) has an essential role keeping transmissible diseases under control and it involves different disciplines and the application of different techniques. VPH has generally a local and regional focus in sample collection. Disease's detection may be limited to specific areas. Despite this aspect of VPH, the importance of exchanging data, discoveries and information cannot be overlooked due to the everchanging landscape in global trade, transboundary diseases and extended animal movements. On a local scale VPH needs often to face different challenges, starting with the infrastructures for live stocks down to optimization, using new technologies as Artificial Intelligence. There are instances where veterinary services are not readily available and temporary solutions need to be found as for example paraveterinary services. The latter should be guaranteed by adequate professional training along the different stages of, as an example, the food chain production. Given the transboundary nature of zoonotic agents and diseases in the last decades, the One-Health approach has emerged as a new and holistic approach to incorporate the different facets of Veterinary Science. To strengthen this approach, veterinary training should eventually dedicate more attention to public health and to preventive measures of zoonosis and epidemics. This renewed focus will also have the additional benefit of defining more clearly the discipline of VPH. Human Public Health, with the same philosophy, should include the animal ecosphere, emerging diseases and zoonoses, focusing on the 'Human-Animal Interface'.

**current issues in veterinary medicine 2023: Educational Principles and Practice in Veterinary Medicine** Katherine Fogelberg, 2024-01-04 Educational Principles and Practice in Veterinary Medicine An in-depth, veterinary-centered reference to the discipline of education Educational Principles and Practice in Veterinary Medicine provides a detailed, comprehensive reference to the discipline of education both broadly and as it relates to veterinary medicine. Written for veterinary faculty members, instructors, and educators in other health professions, the book offers an in-depth examination of knowledge and skills related to veterinary education. It discusses educational theory, how people learn, the structure and function of higher education, and educational technologies, among many other topics of importance. Sections cover educational

leadership; professional development for faculty; research methods and study design; administration; outcomes and assessment; accreditation; and the roles of the professional program instructor. Educational Principles and Practice in Veterinary Medicine: Provides a detailed exposition to the discipline of education, encompassing both theory and practice Covers essential topics such as educational theory, the structure and function of higher education, and educational technologies, all tailored to veterinary education Acts as a reference to education-related knowledge and skills, with an emphasis on how these topics relate to veterinary medicine Supports veterinary faculty and instructors interested in taking their knowledge and skills to the next level Educational Principles and Practice in Veterinary Medicine offers veterinary faculty and instructors a complete resource for understanding the field of education and improving their skills and knowledge.

**current issues in veterinary medicine 2023:** *Practice Management, An Issue of Veterinary Clinics of North America: Small Animal Practice, E-Book* Peter Weinstein, 2024-02-02 In this issue of Veterinary Clinics: Small Animal Practice, guest editor Dr. Peter Weinstein brings his considerable expertise to the topic of Practice Management. Operating a successful small animal veterinary practice requires wide-ranging knowledge and familiarity with a multitude of issues. In this issue, top experts provide resources that help readers better understand the business of veterinary practice and the tools to help them decide to own a hospital, manage a practice, or more effectively lead a practice that they already own. - Contains 16 relevant, practice-oriented topics including what the future of veterinary practice looks like; digital marketing and social media; optimal team utilization leads to team retention; top ten practice management mistakes; workplace culture; and more. - Provides in-depth clinical reviews on practice management, 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.

**current issues in veterinary medicine 2023:** Veterinary Anesthesia and Analgesia, The 6th Edition of Lumb and Jones Leigh Lamont, Kurt Grimm, Sheilah Robertson, Lydia Love, Carrie Schroeder, 2024-06-18 VETERINARY ANESTHESIA AND ANALGESIA A thoroughly updated new edition of the foundational reference on veterinary anesthesia and analgesia Veterinary Anesthesia and Analgesia: The Sixth Edition of Lumb and Jones is a fully updated revision to this comprehensive, authoritative reference to all aspects of veterinary anesthesia and pain management. Encompassing both scientific principles and clinical applications, the new edition adds new knowledge, techniques, and discussion of emerging issues throughout. Fourteen new chapters significantly expand the coverage of patient monitoring modalities and nociception and pain, while presenting new information on safety culture, infection prevention and control, biomedical engineering, and point-of-care ultrasound. Logically organized into sections, information on basic principles, pharmacology, specific body systems, and specific species is easy to access. Comparative anesthetic considerations for dogs and cats, horses, ruminants, swine, laboratory animals, free-ranging terrestrial mammals, marine mammals, reptiles, amphibians, fish, and birds are discussed. Chapters are devoted to anesthesia and pain management of common domestic species and patient populations, including updated chapters on local and regional anesthetic and analgesic techniques. A companion website offers video clips of point-of-care ultrasound techniques and pain assessment and scoring. Readers of Veterinary Anesthesia and Analgesia: The Sixth Edition of Lumb and Jones will also find: Significantly expanded coverage of patient monitoring, including new chapters devoted to anesthetic depth and electroencephalography, electrocardiography, blood pressure, ventilation, oxygenation, and anesthetic gas monitoring. More in-depth coverage of respiratory physiology and pathophysiology, with new sections covering oxygen therapy, mechanical ventilation, anesthetic management considerations for bronchoscopy, intrathoracic procedures, including one-lung ventilation, and patients with respiratory disease. Expanded coverage of pain physiology and pathophysiology, recognition and quantification of pain, and clinical pain management, including both pharmacologic and nonpharmacologic modalities. A companion website incorporating video clips and example pain scoring sheets to complement the more than 500 images

in the text itself. With its unparalleled multidisciplinary approach, Veterinary Anesthesia and Analgesia is a must-own volume for veterinary anesthesia specialists and researchers; specialists in other disciplines, including both small and large animal surgeons; practitioners; and students.

**current issues in veterinary medicine 2023: Ophthalmology in Small Animal Care, An Issue of Veterinary Clinics of North America: Small Animal Practice, E-Book** Bruce H. Grahn, 2023-02-21 In this issue of Veterinary Clinics: Small Animal Practice, guest editor Dr. Bruce Grahn brings his considerable expertise to the topic of Ophthalmology in Small Animal Care. Top experts in the field cover key topics such as corneal pigmentation in small animals; eosinophilic keratoconjunctivitis in cats; canine episcleritis and granulomatous scleritis; canine blepharitis and eyelid neoplasia; and more. - Contains 10 relevant, practice-oriented topics including feline glaucoma; current applications of optical coherence tomography (OCT) in veterinary ophthalmology; diagnosis and classification of glaucoma in dogs; the ocular examination; congenital and anterior segment dysgenesis-associated glaucoma in small animals; and more. - Provides in-depth clinical reviews on ophthalmology in small animal care, 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.

**current issues in veterinary medicine 2023: Diversity, Equity, and Inclusion in Veterinary Medicine** Kemba Marshall, 2025-01-23 An insightful discussion of DEI and its application to a wide variety of real-world veterinary settings Diversity, Equity, and Inclusion in Veterinary Medicine takes a broad approach to the concept of DEI, delivering a practical discussion of effective strategies for applying diversity, equity, and inclusion (DEI) practices within the veterinary setting. Written by a diverse set of voices, the book provides a comprehensive understanding of DEI as it relates to veterinary medicine. Arranged from A to Z, the 26 chapters discuss important concepts in DEI, with actionable advice for how to incorporate DEI into the practice of veterinary medicine. The chapters define the concepts, explain why each concept is important to veterinary medicine, and give practical examples of how to apply the concepts in the real world. Each chapter stands on its own and can be approached individually but taken together these chapters expand the boundaries of DEI into topics that are both familiar and novel. Readers will also find: A thorough introduction to the concept of access to care and one health medicine through the lens of DEI Comprehensive explorations of equity, intersectionality, justice, representation, and other central DEI concepts that impact the veterinary profession's ability to benefit society Practical discussions of how unconscious bias and cultural competency impact both client and team interactions impacting patient care In-depth examinations of specific community engagement, including First Nation, queer, and neurodiverse communities Diversity, Equity, and Inclusion in Veterinary Medicine is an invaluable resource for practicing veterinarians, veterinary technicians, veterinary practice managers, other veterinary professionals, veterinary students, veterinary technician students, and anyone involved with animal health.

**current issues in veterinary medicine 2023: Veterinary Guide to Preventing Behavior Problems in Dogs and Cats** Christine D. Calder, Sarah C. Wright, 2024-08-29 Solve potential behavior problems before they arise with this practical guide Veterinary Guide to Preventing Behavior Problems in Dogs and Cats offers a practical, easy-to-read manual on effective interventions to avoid behavior problems. Written to support veterinarians and staff, this guide supplies concrete recommendations to use in veterinary clinics and the home environment. The book emphasizes learning theory, animal body language, and normal puppy and kitten development, and discusses shelter animals and their unique needs. The book includes chapters on the veterinary clinic environment and ways to reduce fear, anxiety, and stress associated with medical care. It also covers how to recognize problem behaviors, pet selection, and important information about kids and pets. Veterinary Guide to Preventing Behavior Problems in Dogs and Cats provides: Knowledge and tools for client education, environmental management, and prevention Detailed discussion of topics including body language, basic learning theory, and specific strategies for particular animals Advice

on how to reduce fear, anxiety, and stress in the veterinary clinic *Veterinary Guide to Preventing Behavior Problems in Dogs and Cats* is an ideal reference for veterinarians, veterinary technicians, veterinary staff and trainers, and veterinary students.

**current issues in veterinary medicine 2023: Deer Veterinary Medicine** Aiden P. Foster, 2025-05-15 A guide to the care and treatment of deer for veterinary professionals *Deer Veterinary Medicine* is an essential reference for veterinary professionals preparing for deer encounters. Rooted in extensive field experience, the contributions from a range of authors provide details of common conditions across multiple deer species and the knowledge required by the veterinary professionals who deal with them. The book considers the different contexts where deer are encountered, including wild populations, and deer held in captivity (as farm, park and zoo collections). The chapters topics range from handling and sedating deer through to nutrition and postmortem examination and pathology. They cover key body systems including the gut, nervous, ocular and respiratory systems, and the skin. *Deer Veterinary Medicine* readers will also find: Detailed consideration of the use of sedation in deer, providing analgesia and methods of euthanasia. Coverage of species including red, roe, fallow, water deer, Reeves' muntjac, reindeer and white-tailed deer. Coverage of veterinary interventions for reproductive purposes. Detailed consideration of the management of parasitic diseases. Detailed consideration of notifiable (including TB and CWD) and zoonotic diseases (including *E. coli* and cryptosporidiosis). A detailed drug formulary including, where available, evidence from published studies. Edited by the past president of the British Deer Veterinary Association (BDVA) this book is a fitting successor to *Management and Diseases of Deer: A Handbook for Veterinary Surgeons*, last published in 1994 by the Veterinary Deer Society (now the BDVA). Synthesizing key contributions by a range of experts from Europe and the US, the new *Deer Veterinary Medicine* is ideal for veterinarians, veterinary surgeons and veterinary students, as well as readers interested in the management of captive and wild deer.

**current issues in veterinary medicine 2023: Introduction to Animal Behavior and Veterinary Behavioral Medicine** Meghan E. Herron, 2024-05-14 Understand and apply key concepts of animal behavior in veterinary practice *Animal behavior* is a critical aspect of veterinary medicine, often underappreciated despite its pervasiveness throughout the field. Understanding animal behavior can facilitate communication with patients, refine diagnoses and indications of ill health, and aid in processes of learning and socialization. *Introduction to Animal Behavior and Veterinary Behavioral Medicine* offers a comprehensive overview of the key concepts underlying the behavior of multiple animal species before demonstrating how to apply these concepts clinically. The result is an indispensable resource for veterinary students and practitioners who want to deepen their understanding of patient needs. *Introduction to Animal Behavior and Veterinary Behavioral Medicine* readers will also find: Comprehensive coverage of companion animal behavior and additional coverage of livestock and wild animal behavior Detailed discussion of topics including social development, animal learning, and applied behavior analysis In depth review of diagnosis and treatment strategies for common behavior disorders in companion animals, extending to various additional species Companion website with videos, handouts for downloading, and links to pertinent scientific articles and informative websites *Introduction to Animal Behavior and Veterinary Behavioral Medicine* is ideal preparation for veterinary medical students as part of "day one readiness" in their professional careers, as well as veterinary practitioners looking for a solid foundation in animal behavior and the treatment of key issues.

**current issues in veterinary medicine 2023: Canine and Feline Behavior for Veterinary Technicians and Nurses** Debbie Martin, Julie K. Shaw, 2023-05-18 *Canine and Feline Behavior for Veterinary Technicians and Nurses* A complete and modern guide to the veterinary technician's role in behavioral preventive services This fully revised second edition of *Canine and Feline Behavior for Veterinary Technicians and Nurses* presents a comprehensive, up-to-date guide for veterinary technicians and nurses seeking to understand their patients on a deeper level, implement preventive behavior medicine, and assist veterinarians with behavioral interventions. The book provides a

grounding in the behavioral, mental, and emotional needs of dogs and cats, and offers an invaluable daily reference for daily interactions with patients and clients. Along with brand-new coverage of Fear Free® veterinary visits, the authors have included discussions of animal behavior and development, communication, behavior modification, problem prevention, and behavior solutions. A companion website offers more than 50 video tutorials, multiple choice questions, PowerPoint slides, and appendices. This Second Edition also provides: A thorough introduction to the role of veterinary technicians in animal behavior Comprehensive explorations of canine and feline behavior and development Discussion of the complexities and richness of the human-animal bond Details on implementing emotionally protective practices into the veterinary and husbandry care Practical strategies for learning and behavior modification, problem prevention, behavior solutions, and communication and connection amongst the animal behavior team Canine and Feline Behavior for Veterinary Technicians and Nurses is an essential reference for veterinary technicians and nurses, and will also benefit veterinary technology and nursing students seeking comprehensive information about an increasingly relevant topic.

**current issues in veterinary medicine 2023: Decision-Making in Veterinary Practice** Barry Kipperman, 2024-01-24 Decision-Making in Veterinary Practice The first-ever guide to rational decision-making in veterinary practice The practice of veterinary medicine entails crucial decisions about patient care on a daily basis. Whether to admit patients displaying symptoms, whether to pursue diagnoses or prioritize therapeutic trials, whether to advise overnight stays after routine surgery, whether to refer patients; the answers to questions like these can significantly influence patient outcomes and standards of care. However, veterinary clinicians are seldom trained to analyze their patterns of decision-making, relying instead on the existing culture of a practice to dictate their behaviors. This can lead to irrational decisions, institutional inertia, reluctance to comply with evidence-based medicine, and failure to optimize patient outcomes. Decision-Making in Veterinary Practice provides the first-ever dedicated guide to rational principles for decision-making in veterinary practice. Rooted in the study of normative ethics, it seeks to pose important questions and develop processes by which they can be answered. The book promises to transform the clinical performance of clinicians and practices that utilize it. Decision-Making in Veterinary Practice readers will also find: Discussions of key issues based on extensive clinical experience and evidence Detailed discussion of important decision determinants like time of day, patient weight, criteria for stopping treatment, and more Essential insights on clinical decision-making and clinical reasoning Decision-Making in Veterinary Practice is ideal for all veterinary practitioners, veterinary students, and clinical skills instructors. “Decision Making in Veterinary Practice offers expert medical knowledge and an ethical sensibility to illuminate everyday veterinary issues like animal euthanasia, treatment of elderly patients, and moral stress. The result is an unparalleled practical road map to fulfilling the patient advocacy role of the veterinarian. I wish I had the benefit of Dr. Kipperman's wisdom when I was a young veterinarian. All veterinarians should read this terrific book—veterinary students, new graduates, and seasoned professionals.” Simon Coghlan, PhD, BVSc University of Melbourne Victoria, Australia “Decision Making in Veterinary Practice is a detailed and thoughtful discussion of many key aspects of veterinary clinical decision making. Drawing from decades of personal experience as an internal medicine specialist and practice owner, Dr. Kipperman provides numerous realistic case examples to illustrate both the challenges facing clinicians and many potentially helpful strategies for improving decision-making and optimizing patient outcomes.” Brennen McKenzie, MA, MSc, VMD Adobe Animal Hospital Los Altos, CA “Decision Making in Veterinary Practice is a helpful resource focused on how decisions are made, and how decision-making can be improved in the interests of veterinary patients. It contains many excellent case examples documenting positive and negative outcomes of decisions. A unique aspect of this book is its disclosures of Dr. Kipperman’s experiences as an internist – including humble accounts of lessons learned and insights into the moral distress experienced by veterinary specialists.” Anne Quain, BVSc, MVetStud Sydney School of Veterinary Science Sydney, Australia

**current issues in veterinary medicine 2023: *Diversity, Equity, and Inclusion in Veterinary***

*Medicine, Part II, An Issue of Veterinary Clinics of North America: Small Animal Practice* Christina V. Tran, 2024-10-17 In this issue of *Veterinary Clinics: Small Animal Practice*, guest editor Dr. Christina V. Tran brings her considerable expertise to the topic of Diversity, Equity, and Inclusion in Veterinary Medicine, Part II. Top experts discuss the challenges and opportunities faced by the veterinary profession in meeting the needs of an increasingly diverse client base. A look back at the history of DEI efforts offers context for the ongoing need for systemic and organizational change. Articles also explore the connection between areas such as veterinary education, practice management, access to care, animal welfare, and leadership development in veterinary medicine through the lens of diversity, equity and inclusion. - Contains 11 relevant, practice-oriented topics including addressing access to veterinary care; inclusive mentorship for the next generation of veterinary professionals; caring for the caregivers: supporting the mental health and wellbeing of a diverse veterinary team; diversifying the pipeline of boarded veterinary specialists; intersectionality in veterinary medicine; and more. - Provides in-depth clinical reviews on diversity, equity, and inclusion in veterinary medicine, 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.

**current issues in veterinary medicine 2023:** *Integrative Medicine in Veterinary Practice* Lisa P. McFaddin, 2024-04-02 *Integrative Medicine in Veterinary Practice* Enables the entire veterinary team to seamlessly incorporate integrative medicine into everyday practice *Integrative Medicine in Veterinary Practice* is a unique resource designed to introduce the basic concepts of ten different integrative modalities to all members of the hospital team to establish a baseline of knowledge: explaining how patients will benefit from their use, discussing return on investment, informing veterinarians of available courses and suggested reading materials, walking managers through staff training, and providing client education materials. Supplemental web-based documents and presentations increase the ease with which staff are trained and clients are educated. Integrative medicine is not an all-or-nothing concept. This umbrella term encompasses a wide spectrum of treatment modalities. Therapies can be used individually or in combination, as part of a multimodal approach, and applied easily to every patient or used in select cases. Sample topics covered in *Integrative Medicine in Veterinary Practice* include: Photobiomodulation, covering light, laser specifics, mechanisms of action, supplies and equipment, and techniques Veterinary Spinal Manipulation Therapy (VSMT), covering pain in veterinary patients, mechanisms of action, adjustment vs. manipulation vs. mobilization, techniques, and post-adjustment recommendations Acupuncture, covering acupuncture point selection using traditional Chinese veterinary medicine (TCVM) and Western medicine techniques, mechanisms of action, safety, and practical applications. Chinese Herbal Medicine (CHM), covering TCVM fundamentals as it applies to herbal classification and selection, herb production, safety, and formulation, and CHM applications. *Integrative Medicine in Veterinary Practice* is a valuable resource for all veterinary hospital team members, from customer service representatives to veterinary assistants/technicians, practice managers, and veterinarians. The text is also helpful to veterinary students interested in integrative medicine, or those taking introductory integrative medicine courses.

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