

Veterinary Clinical Epidemiology Third Edition Free Book

This comprehensive book integrates new technology and concepts that have been developed in recent years to manage dairy farms in a profitable manner. The approach to the production of livestock and quality milk is multidisciplinary, involving nutrition, reproduction, clinical medicine, genetics, pathology, epidemiology, human resource management and economics. The book is structured by the production cycle of the dairy cow covering critical points in cow management. Written and edited by highly respected experts, this book provides a thoroughly modern and up-to-date resource for all those involved in the dairy industry.

Zoonoses are diseases naturally transmissible between vertebrate animals and man including those transmitted by direct contact with infected animals or carcasses, by food or water contamination, and by inhalation of infected dust. They are increasingly important in public health issues. This multidisciplinary book is written by international specialists in human and veterinary medicine. Divided into three sections along the lines of bacteriology, parasitology and virology, this book comprehensively covers all zoonoses. Each of the seventy chapters covers the history of the disease, the scientific basis for the control of zoonoses, the microbiology of the causative agent, pathogenesis, clinical features, symptoms and signs, diagnosis, treatment and prognosis. The epidemiology of each disease is described alongside the strategies for prevention and control.

Ideal for both practitioners and students, this comprehensive resource covers the diagnosis, treatment, and prevention of infectious disease in horses. Organized by infectious agent — virus, bacterial and rickettsial, protozoal, and fungal — it includes complete coverage of the individual diseases caused by each type of agent. A section on clinical problems examines conditions such as ocular infections, CNS infections, and skin infections. It also addresses the importance of preventing and controlling infectious disease outbreaks with coverage of epidemiology, biosecurity, antimicrobial therapy, and recognizing foreign equine diseases. Full-color photos and illustrations provide clear, accurate representations of the clinical appearance of infectious diseases. Features the most recent information on the global threat of newly emergent diseases such as African Horse Sickness. Includes a comprehensive section on the prevention and control of infectious diseases. More than 60 expert contributors share their knowledge and expertise in equine infectious disease. A companion CD-ROM, packaged with the book, includes complete references linked to PubMed.

This concise introduction to the subject. Taking a 'no statistics' approach, this book covers all the core principles you need to know for your epidemiology course, including: The basic epidemiological concepts, Understanding and designing epidemiological studies.

Epidemiology Kept Simple

Veterinary Epidemiology

Clinical Veterinary Advisor - E-Book

Greene's Infectious Diseases of the Dog and Cat

Fenner and White's Medical Virology

Dietary factors have been implicated in at least four of the ten leading causes of death in the U.S. (heart disease, cancer, diabetes, and stroke). Nevertheless, physicians frequently receive inadequate training in nutrition to properly counsel their patients. Introduction to Clinical Nutrition, Third Edition discusses the physiologic and metabolic interrelationships of all nutrients and their roles in health maintenance and the prevention of various diseases. Since the publication of the second edition of this book, new discoveries have revolutionized the field of clinical nutrition. This is true especially with respect to gene-nutrient interaction, epigenetic pathways that contribute to the activation and inactivation of gene expression, the relationship of nutrients to telomere length and health, and personalized nutrition. Highlighting these advances, new and revised topics include: Fiber, antioxidants, nutraceuticals, alternative medicine, and epidemiology DNA, gene-nutrient interaction, epigenetics, and telomeres Nutritional aspects of kidney disease, diabetes, and metabolic syndrome Personalized nutrition and personalized medicine Vegetarianism, the Mediterranean diet, and other popular dietary practices Obesity and cholesterol Designed as a textbook for students in conventional medicine, osteopathy, dentistry, dietetics, nursing, pharmacy, and public health, the book focuses on the critical biochemical and physiological aspects of nutrients. It includes clinical case studies to clarify topics at the end of most chapters and references to facilitate further study.

No other quick reference comes close in covering the diagnosis and treatment of hundreds of diseases in dogs and cats. Etienne Cote's Clinical Veterinary Advisor: Dogs and Cats, 2nd Edition is like six books in one -- with concise topics within sections on diseases and disorders, procedures and techniques, differential diagnosis, laboratory tests, clinical algorithms, and a drug formulary. Revised from cover to cover, this edition includes dozens of new topics. It also includes free access to a fully searchable companion website featuring an electronic version of the text, all of the book's images, a searchable drug formulary, and 150 Client Education Sheets in both English and Spanish. Section I: Diseases and Disorders provides at-a-glance coverage of nearly 800 common medical problems, arranged alphabetically for immediate access. Entries include a definition, synonyms, epidemiology, clinical presentation, etiology and pathophysiology, differential diagnosis, workup, treatment, prognosis and outcome, plus pearls and considerations. Concise descriptions simplify diagnosis and treatment. Section II: Procedures and Techniques offers illustrated, step-by-step instructions for understanding and performing 111 important clinical procedures. Section III: Differential Diagnosis displays nearly every possible cause for 260 different clinical disorders. Section IV: Laboratory Tests summarizes essential information needed for interpreting more than 150 lab tests. Section V: Clinical Algorithms provides decision trees for the diagnostic and therapeutic decision-making processes involved in managing 91 of the most common clinical conditions/disorders. Section VI:

Drug Formulary is a compilation of dosages and other relevant information for more than 300 new and current medications. 410 illustrations and photographs depict disease processes and related concepts. A companion website includes the complete text of the book in a fully searchable format, allowing quick access to information, and all of the book's images. It also includes 150 Client Education Sheets, each available in both English and Spanish. Clinical guidance added to diseases and disorders chapters helps you select appropriate tests and treatments for each case. 50 new client "how-to" handouts are added for a total of 150 client education sheets, helping to improve outcomes by informing clients. Technician Tips are inserted throughout nearly 800 diseases and disorders, providing specialized information for veterinary technicians. Enhanced electronic image collection on the companion website includes color images and additional figures not found in the text.

Infectious Diseases of Wild Mammals, Third Edition presents the latest information on the diagnosis and treatment of infectious disease in both free-ranging and captive wild mammals. Editors Elizabeth Williams and Ian Barker have recruited 71 contributors, all noted experts in their fields, to update this new edition. This reference provides valuable information on each disease, including * Etiology * History * Distribution * Epidemiology * Clinical signs * Pathology * Immunity * Diagnosis * Treatment * Control This latest edition is a leading reference book for * Wildlife biologists, managers, and rehabilitators * Biology students * Conservationists * Public health workers

This third edition volume expands on the previous editions with an update on the latest techniques used for the detection, genotyping, and investigating pathogenesis of *Staphylococcus aureus* in vitro and in vivo. The methods covered in this book mostly focus on routine clinical diagnosis, surveillance, research, and practice for treatment of patients infected by multi-drug resistant *S. aureus*. The book also covers the epidemiology of MRSA, molecular typing approaches, clinical treatment of MRSA infections, and animal models of drug discovery. Written in the highly successful *Methods in Molecular Biology* series format, chapters include introductions to their respective topics, lists of the necessary materials and reagents, step-by-step, readily reproducible laboratory protocols, and tips on troubleshooting and avoiding known pitfalls. Informative and cutting-edge, *Methicillin-Resistant Staphylococcus Aureus (MRSA) Protocols: Cutting-Edge Technologies and Advancements, Third Edition* is a valuable resource for researchers looking to set up new methods to study *S. aureus*, and will also be very useful for technicians and scientists working on other bacterial pathogens.

Introduction to Clinical Nutrition, Third Edition

Equine Infectious Diseases E-Book

Animal Parasites

Textbook of Zoonoses

Encyclopedia of Epidemiology

Fenner and White's *Medical Virology, Fifth Edition* provides an integrated view of related sciences, from cell biology, to medical epidemiology and human social behavior. The perspective represented by this book, that of medical virology as an infectious disease science, is meant to provide a starting point, an anchor, for those who must relate the subject to clinical practice, public health practice, scholarly research, and other endeavors. The book presents detailed exposition on the properties of viruses, how viruses replicate, and how viruses cause disease. These chapters are then followed by an overview of the principles of diagnosis, epidemiology, and how virus infections can be controlled. The first section concludes with a discussion on emergence and attempts to predict the next major public health challenges. These form a guide for delving into the specific diseases of interest to the reader as described in Part II. This lucid and concise, yet comprehensive, text is admirably suited to the needs of not only advanced students of science and medicine, but also postgraduate students, teachers, and research workers in all areas of virology. Features updated and expanded coverage of pathogenesis and immunity Contains the latest laboratory diagnostic methods Provides insights into clinical features of human viral disease, vaccines, chemotherapy, epidemiology, and control

This practical guide is designed for students and researchers with an existing knowledge of R who wish to learn how to apply it in an epidemiological context and exploit its versatility. It also serves as a broader introduction to the quantitative aspects of modern practical epidemiology. The standard tools used in epidemiology are described and the practical use of R for these is clearly explained and laid out. R code examples, many with output, are embedded throughout the text. The entire code is also available on the companion website so that readers can reproduce all the results and graphs featured in the book. *Epidemiology with R* is an advanced textbook suitable for senior undergraduate and graduate students, professional researchers, and practitioners in the fields of human and non-human epidemiology, public health, veterinary science, and biostatistics.

This book primarily focuses on the African Sahel region, shedding new light on the epidemiology, socio-economics, clinical manifestations and control approaches of transboundary animal diseases (TADs) in this specific region. In addition to the description of TADs in Sahelian Africa and connected regions, several issues regarding the burden of TADs, the role of national/regional/international veterinary organizations in the surveillance process, animal mobility, one health and TADs in the dromedary are discussed. The book contains 22 chapters and is structured in three parts, i- general features and commonalities, ii- viral diseases, iii- bacterial diseases. Each chapter was written by a group of experts specialized in the topic. This work will be of general interest to researchers, veterinarians, veterinary public health officers, and students engaged in the surveillance and control of animal infectious diseases, included those of zoonotic nature and that are prevalent in the Sahel.

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.

Practical Clinical Epidemiology for the Veterinarian

Breed Predispositions to Disease in Dogs and Cats

Methicillin-Resistant Staphylococcus Aureus (MRSA) Protocols

Veterinary Clinical Epidemiology

Veterinary Microbiology

Veterinary Clinical Epidemiology, Third Edition CRC Press

Containing the latest information on pathogenesis and diagnosis, Veterinary Microbiology addresses both specific, defined problems, as well as trends in host/parasite interaction. This book is a complete reference on microbial biology, diseases, diagnosis, prevention, and control. It also provides a foundation of knowledge on pathogens and how they interact with hosts. Contains a comprehensive, up-to-date overview of bacterial and fungal agents that cause animal disease, including recently identified organisms as well as the pathogenesis of emerging diseases. Features more than 100 full-color illustrations to visually reinforce key concepts. The book is logically organized for ease of use and quick reference in the clinical setting. Addresses diseases that can affect animal productivity, both for individual animals as well as herd health. Discusses the implications of various organisms in biological warfare and bioterrorism.

Fenner's Veterinary, Virology, Fourth Edition, is the long awaited new edition of Veterinary Virology, 3e, which was published in 1999. Fully revised and updated by the new author team, part I presents the fundamental principles of virology related to animal infection and disease, and part II addresses the clinical features, pathogenesis, diagnosis, epidemiology and prevention of individual diseases. New to this Edition New author team - one main author to ensure that the book reads like an authored book but with the benefit of using experts to contribute to specific topics Text has been refocused - part I has been condensed and where appropriate incorporated into part II to make it more user friendly The number of figures have been increased and are now in full color Fully revised and updated to include the latest information in the field of veterinary virology Beautifully illustrated color figures throughout Organized and current information provided by an expert team of authors

Arranged to facilitate use and highlight key concepts, this clear and concise text also includes many practical exercises, case studies, and real-world applications. Utilizing the modern biostatistical approach to studying disease, Epidemiology Kept Simple, Second Edition will provide readers with the tools to interpret epidemiological data, understand disease concepts, and prepare for board exams. The author fully explains all new terminology and minimizes the use of technical language, while emphasizing real-life practice in modern public health and biomedical research settings.

Emerging Infections 10

A Problem-Oriented Approach

Clinical Veterinary Advisor, Birds and Exotic Pets, 1

Veterinary Toxicology

Diagnosis, Treatment, Prevention

While veterinary medicine has always valued the concepts and methods of epidemiology, they are virtually inseparable in today's clinical practice. With access to an ever-expanding number of journals, as well as countless Internet sources, more and more veterinarians are practicing evidence-based medicine. This is defined as the process of systematically finding, appraising, and adopting research findings as the primary basis for clinical decisions. "An underlying premise of the book is that patient-based research is epidemiologic research...It logically follows that the users of this information, veterinary students and practitioners, be skilled in its application to patient care." - from the preface **Veterinary Clinical Epidemiology, Third Edition** focuses on developing a deeper understanding of epidemiology and exemplifies how an improved capacity for interpreting and critiquing available literature ultimately leads to improved patient care. In preparing this edition, Ronald Smith, a highly respected epidemiologist, practitioner, and educator, has entirely updated his earlier work to reflect those changes that have dramatically altered the practice of veterinary medicine over the last ten years. **New to the third edition:** · Numerous updated examples of the application of epidemiology in clinical practice · Expanded journal representation to include a larger selection of international research · Increased coverage of hypothesis testing, survey design, sampling and epidemiologic concepts related to the practice of evidence-based medicine · Revised and updated information on

diagnostic testing, risk assessment, causality, and the use of statistics **Veterinary Clinical Epidemiology, Third Edition** provides practitioners and researchers with the knowledge and tools to understand, critically assess, and make use of the medical literature that is vital to the treatment of animal patients.

Veterinary microbiology focuses on the diseases caused by microbes such as bacteria, etc. primarily among livestock, dairy animals and other domesticated animals. It also covers zoonoses amongst wild animals. This book provides a comprehensive overview of veterinary microbiology. It encompasses relevant research from different parts of the world highlighting microbial genetics, different types of diseases, their management, epidemiology, etc. This book will be beneficial for veterinarians, pharmaceutical research personnel, students, and public health professionals.

Practical Clinical Epidemiology for the Veterinarian provides thorough coverage of the fundamentals of epidemiological concepts, situated within the context of daily clinical practice. • Examines epidemiology from the lens of daily clinical practice to offer a truly practical approach • Demonstrates the relevance of epidemiology to clinical problems faced in the field using practical examples to clarify the concepts • Includes clinical cases from all species, with an emphasis on small animal and equine medicine, to demonstrate the concepts • Uses an easy-to-read approach, with graphs, flowcharts, and tables to promote understanding • Includes access to a companion website with exercises for study and review

Zoonoses are diseases which can spread from animals to humans. This book covers all important zoonoses that are prevalent in today's world. As a modern learning resource, it incorporates recent scientific developments and ground-level research to give readers a complete overview of each zoonoses. Written by three well-qualified authors in academia, sample topics covered within the book include: Bacterial, viral, parasitic, rickettsia, fungal, prion, and foodborne zoonoses Symptoms and diagnosis in animals and humans Treatment options, plus prevention and control strategies CDC classification of zoonotic agents and the WHO's list of 'neglected zoonoses' Written for undergraduate and postgraduate students studying veterinary public health and epidemiology, **Textbook of Zoonoses** is also a helpful resource for other veterinary and medical professionals interested in public health and epidemiology.

Animal Influenza

Dairy Production Medicine

Bacterial and Fungal Agents of Animal Disease

Problem-solving in Swine Breeding Herds

Principles and Methods

Breed Predispositions to Disease in Dogs and Cats, Third Edition provides a comprehensive exploration of current known breed predispositions based on rigorous examination of primary research. Incorporates the latest research, new tests and newly-discovered predispositions and diseases Provides expanded information on genetics, epidemiology, and long-term prognosis Includes key characteristics of diseases, including pathogenesis, genetics, risks, and common presentations Indexes by breed, with listings of common inherited and predisposed disorders organized by body system Includes absolute and relative frequency/occurrence data for conditions, along with references to further information

First published in 1983, **Diseases of Sheep** has become a definitive reference book on sheep diseases. This new edition revised and updated to maintain its original core structure and its international approach to the many diseases which affect sheep. Any veterinary surgeon or agriculturalist who works with sheep will continue to find the information in this book the most authoritative and comprehensive available. Known to many as the "Moredun Sheep Book" because of its association with the Moredun Research Institute, long recognised as a centre of excellence in sheep disease research. Special attention is given to specific regional disease problems in the Middle East, Southern Africa, Australia, New Zealand, North America and South America. Covers technical aspects of disease prevention and treatment, including uncommon diseases, as well as sheep health issues.

Animal Influenza, Second Edition is a comprehensive text on animal influenza. Organized by species, coverage includes swine, equine and mammals, with each section including data on influenza viruses, the infection and disease they cause and strategies used in control. Covers the full range of topics within avian, swine, equine and mammalian influenzas in one comprehensive and authoritative text Provides a summarization of peer-reviewed and empirical data on influenza virus infection, and diseases they cause Discusses strategies used in control of the disease Leading experts are drawn to provide an international and multi-disciplinary perspective Fuses latest developments in basic scientific research with practical guidance on management of the disease

Mastitis, an inflammation of the mammary glands, is the most costly disease in dairy farming, mainly caused by a broad range of bacteria categorized into contagious and environmental bacteria. This book is a concise summary of mastitis in dairy cattle and goats, which mainly focuses on etiological agents, epidemiology, pathogenesis, clinical manifestation, pathological and histopathological changes, diagnosis, prevention, and control measures. This book serves as a textbook on mastitis in dairy cattle, sheep, and goats for dairy veterinarians, veterinary students, animal science students, dairy technicians, animal health professionals. Several researchers worldwide contributed to this book. This book contains the latest information on mastitis in dairy cattle, sheep, and goats and antimicrobial usage to prevent and control mastitis.

An Introduction

The Developing University Curriculum : Proceedings of a Seminar Edinburgh, 25th January 1978

Zoonoses

Biology, Clinical Practice, and Public Health Control

Parasitic Zoonoses

Veterinary Toxicology, 2nd edition is a unique single reference that teaches the basic principles of veterinary toxicology and builds upon these principles to offer an essential clinical resource for those practicing in the field. This reference book is thoroughly updated

with new chapters and the latest coverage of topics that are essential to research veterinary toxicologists, students, professors, clinicians and environmentalists. Key areas include melamine and cyanuric acid, toxicogenomics, veterinary medical geology, toxic gases, toxicity and safety evaluation of new veterinary pharmaceuticals and much more. The 2nd edition of this popular book represents the collective wisdom of leading contributors worldwide and continues to fill an undeniable need in the literature relating to veterinary toxicology. New chapters covering important and timely topics such as melamine and cyanuric acid, toxicogenomics, toxic gases and veterinary medical geology Expanded look at international topics, such as epidemiology of animal poisonings, regulatory guidelines and poisonous plants in Europe Heavily contributed book with chapters written by qualified and well-experienced authorities across all areas of veterinary toxicology Problem solving strategies are offered for treatment as well as in-depth knowledge of the basic mechanisms of veterinary toxicology

This textbook focuses on the most important parasites affecting dogs, cats, ruminants, horses, pigs, rabbits, rodents, birds, fishes, reptiles and bees. For each parasite, the book offers a concise summary including its distribution, epidemiology, lifecycle, morphology, clinical manifestations, diagnosis, prophylaxis and therapeutic measures. Numerous informative tables and more than 500 color micrographs and schemes present the most important aspects of the parasites, their induced diseases and the latest information on suitable prevention and control measures. 100 questions at the end of the book offer readers the chance to test their comprehension. The book is well suited as both a textbook and a reference guide for veterinarians, students of the veterinary and life sciences, veterinarian nurses, laboratory staff, and pet and livestock owners.

Approaches and techniques of clinical epidemiology have become increasingly prominent in veterinary literature. This second edition of *Veterinary Clinical Epidemiology: A Problem-Oriented Approach* reflects the increasing recognition of the role of clinical epidemiology by focusing on the application of epidemiologic principles and techniques of problems regularly faced by veterinary practitioners. Numerous examples from veterinary literature indicate how experience with patients can be used to explore issues of importance in the practice of veterinary medicine while controlling for bias, confounding, and chance. The first part of the book focuses on the application of epidemiology in medical decision-making, while the second part focuses on the epidemiology of disease in populations and outbreak investigation. Included in this text are a glossary and an extensive bibliography, as well as myriad updates to reflect the expanding use of epidemiologic methodology in clinical research. *Veterinary Clinical Epidemiology: A Problem-Oriented Approach* serves as both a teaching resource for veterinary epidemiology and a reference on the application of epidemiologic methods in veterinary clinical research.

Essential resource for the fight against emerging infectious diseases Incidences such as the 2014 Ebola epidemic in West Africa and the 2015 appearance of Zika in Brazil provide dramatic evidence of the continued ability of microbes to emerge, spread, adapt, and threaten global health. The challenge facing infectious disease specialists and public health professionals is to improve and find new diagnostic, therapeutic, and prevention strategies. The editors of the 10th installment of the *Emerging Infections* series have compiled the perspectives of leading infectious disease experts into 22 chapters that provide important updates on a broad range of emerging and reemerging bacterial, viral, parasitic, and fungal infectious diseases in the United States and globally. In addition to focusing on MERS, Ebola virus disease, chikungunya, and Zika virus disease, *Emerging Infections 10* explores the global threat of antimicrobial resistance in reviews on carbapenem-resistant Enterobacteriaceae, multiply-resistant gonococcal infections, non-typhoidal Salmonella infections, and artemisinin-resistant Plasmodium falciparum malaria. Topics include both recently- and long-recognized diseases that pose challenges for the clinical, laboratory, research, public health, and animal health communities. *Emerging Infections 10* presents new and emerging strategies to prevent, control, and eradicate infectious diseases and guides readers to the primary literature where they can explore individual topics in greater depth. This book is a valuable reference for professionals in microbiology, epidemiology, public health, and clinical and veterinary medicine.

Clinical Veterinary Advisor

Epidemiology with R

Fenner's Veterinary Virology

Basic and Clinical Principles

Infectious Diseases of Wild Mammals

Ideal for veterinary students, residents and clinicians, the fourth edition of this bestselling textbook has been fully updated in line with developments in research and teaching. The logical chapter progression reflects the stages in a clinical case work-up and how epidemiological concepts and methods contribute. This new edition provides guidelines for improving patient and population health outcomes, and detecting emerging diseases through systematic evaluation of patient encounters and electronic medical records incorporates new methodologies and concepts drawn from the recent veterinary practice literature updates chapter content including expanded coverage of risk, statistical and economic analyses, and surveillance for emerging diseases more than 60 examples of clinical research drawn from the international veterinary practice literature presented as structured abstracts; follow-up questions invite the reader to

participate in the analysis of results online links to full text versions of more than half of structured abstracts and more than 40% of the book's 174 literature citations updates the listing and review of public and private online resources, including guidelines for online literature searching and critical evaluation of clinical reports. Today's veterinary curricula places greater emphasis on experiential/problem-based learning versus discipline-oriented instruction. This fourth edition is ideally suited to introduce epidemiologic concepts and methodologies to veterinary students in the context of the patient encounter, and should be of use at any point in the veterinary curriculum.

"The Encyclopedia of Epidemiology presents state-of-the-art information from the field of epidemiology in a less technical and accessible style and format. With more than 600 entries, no single reference provides as comprehensive a resource in as focused and appropriate manner. The entries cover every major facet of epidemiology, from risk ratios to case-control studies to mediating and moderating variables, and much more. Relevant topics from related fields such as biostatistics and health economics are also included. Key Features Presents a Reader's Guide to organize entries around themes or specific topics and easily guide users to areas of interest Offers cross-referenced terms, a brief listing of Further Readings, and stable Web site URLs following most entries Provides appendices that include a general bibliography to build on Further Readings, an annotated list of organizations relevant to epidemiology, the standard statistical tables used in epidemiology (t-distribution, F-table, normal [z] distribution, chi-square, etc.), and flow charts to aid researchers in selecting an appropriate study design This resource is a must-have for students, practitioners, researchers, and the informed public who want to know more about health and disease and related topics."--Publisher's website.

Basic principles. Epidemiologic concepts. Sampling methods. Measurement of disease frequency and production. Studying disease in animal populations. Descriptive epidemiology. Disease causation. Surveys and analytic observational studies. Design of field trials. Theoretical epidemiology: systems analysis and modeling. Animal health economics. Applied epidemiology. Rationale, strategies, and concepts of animal disease control. Monitoring disease and production. Field investigations.

The book "Parasitic Zoonoses" emphasizes a veterinary and public health perspective of zoonotic parasites. This book is suitable for higher undergraduate and graduate students of zoonoses and public health, veterinary parasitology, parasite epidemiology; public health workers; public health veterinarians; field veterinarians, medical professionals and all others interested in the subject. More than 15 protozoa and 50 other parasitic diseases are zoonotic in nature and all these diseases have been discussed in detail. The first chapter is concerned with classification of zoonotic parasites, food borne, vector borne and occupation related zoonotic parasites. The remaining chapters cover etiology, epidemiology, life cycle, transmission, clinical signs, diagnosis, prevention and control of zoonotic parasites. The text is illustrated with a large number of coloured figures. An alphabetical bibliography for every disease has also been included so that readers have access to further information.

Dogs and Cats

Diseases of Sheep

Veterinary Clinical Epidemiology, Third Edition

Mastitis in Dairy Cattle, Sheep and Goats

Transboundary Animal Diseases in Sahelian Africa and Connected Regions

A comprehensive introduction to the role of epidemiology in veterinary medicine This fully revised and expanded edition of Veterinary Epidemiology introduces readers to the field of veterinary epidemiology. The new edition also adds new chapters on the design of observational studies, validity in epidemiological studies, systematic reviews, and statistical modelling, to deliver more advanced material. This updated edition begins by offering an historical perspective on the development of veterinary medicine. It then addresses the full scope of epidemiology, with chapters covering causality, disease occurrence, determinants, disease patterns, disease ecology, and much more. Veterinary Epidemiology, Fourth Edition: ● Features updates of all chapters to provide a current resource on the subject of veterinary epidemiology ● Presents new chapters essential to the continued advancement of the field ● Includes examples from companion animal, livestock, and avian medicine, as well as aquatic animal diseases ● Focuses on the principles and concepts of epidemiology, surveillance, and diagnostic-test validation and performance ● Includes access to a companion website providing multiple choice questions Veterinary Epidemiology is an invaluable reference for veterinary general practitioners, government veterinarians, agricultural economists, and members of other disciplines interested in animal disease. It is also essential reading for epidemiology students at both the undergraduate and postgraduate levels.

This book focuses on the application of epidemiologic principles & techniques to problems regularly faced by veterinary practitioners. Numerous examples from the veterinary literature indicate how experience with patients can be used to explore issues of importance in the practice of veterinary medicine while controlling for bias, confounding, & chance. The first part of the book focuses on the application of epidemiology in medical decision-making. The second part focuses on the epidemiology of disease in populations & outbreak investigation. A glossary of epidemiologic terms & an extensive bibliography are also included. The Second Edition includes myriad updates to reflect the expanding use of epidemiologic methodology in clinical research. This book serves as both a teaching resource for veterinary epidemiology & a reference on the application of epidemiologic methods in veterinary clinical research.

Cutting-Edge Technologies and Advancements

American Book Publishing Record

From Patient to Population, Fourth Edition

Methods for Analyzing Production Problems, and Assessing Differences in Herd-level Performance

Clinical Veterinary Microbiology