

[Book] Course Manual In Veterinary Epidemiology

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Veterinary Epidemiology-Michael Thrusfield 2013-04-24 This successful book, now in its third edition, continues to provide a comprehensive introduction to the role of epidemiology in veterinary medicine. Since the publication of the second edition there has been considerable expansion in the application of veterinary epidemiology: more quantitative methods are available, challenges such as the epidemic of foot-and-mouth disease in Europe in 2001 have required epidemiological investigation, and epidemiological analyses have taken on further importance with the emergence of evidence-based veterinary medicine. In this edition: Completely revised and expanded chapters; Increased attention given to the principles and concepts of epidemiology, surveillance, and diagnostic-test validation and performance; Many examples are drawn from both large and small animal medicine, and from the developing as well as the developed world This paperback edition includes a new section on risk analysis. Veterinary Epidemiology is an invaluable reference source for veterinary general practitioners, government veterinarians, agricultural economists and members of other disciplines interested in animal disease. It will also be essential reading for undergraduate and intermediate-level postgraduate students of epidemiology.

Veterinary Epidemiology-S. Wayne Martin 1987 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.

Veterinary Epidemiology-Dirk Pfeiffer 2013-05-08 Are you studying a course in veterinary epidemiology? Do you need a book that explains epidemiology in an understandable way? Dirk Pfeiffer is Professor of Veterinary Epidemiology at the Royal Veterinary College in London, UK. He has designed and taught international training courses in epidemiology all over the developed and developing world, from Australia to Vietnam. He currently provides scientific expertise to the European Food Safety Authority, the European Commission, DEFRA, the United Nation's Food and Agriculture Organization and various national governments. He has over 20 year's practical experience in the field and continues to work on some of the most high profile cases of global animal health. Dirk brings his wealth of knowledge to this concise introduction to the subject. 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 Measuring cause-effect relationships Statistical analysis and bias Sampling methodology Interpreting diagnostic tests The basic concepts of disease control and eradication The book will also be of use to animal health professionals who need an easy-to-understand introduction to the subject

The CDC Field Epidemiology Manual-Centers for Disease Control and Prevention (CDC) 2018-11-20 A NEW AND ESSENTIAL RESOURCE FOR THE PRACTICE OF EPIDEMIOLOGY AND PUBLIC HEALTH The CDC Field Epidemiology Manual is a definitive guide to investigating acute public health events on the ground and in real time. Assembled and written by experts from the Centers for Disease Control and

Prevention as well as other leading public health agencies, it offers current and field-tested guidance for every stage of an outbreak investigation -- from identification to intervention and other core considerations along the way. Modeled after Michael Gregg's seminal book *Field Epidemiology*, this CDC manual ushers investigators through the core elements of field work, including many of the challenges inherent to outbreaks: working with multiple state and federal agencies or multinational organizations; legal considerations; and effective utilization of an incident-management approach. Additional coverage includes:

- Updated guidance for new tools in field investigations, including the latest technologies for data collection and incorporating data from geographic information systems (GIS)
- Tips for investigations in unique settings, including healthcare and community-congregate sites
- Advice for responding to different types of outbreaks, including acute enteric disease; suspected biologic or toxic agents; and outbreaks of violence, suicide, and other forms of injury

For the ever-changing public health landscape, *The CDC Field Epidemiology Manual* offers a new, authoritative resource for effective outbreak response to acute and emerging threats. *** Oxford University Press will donate a portion of the proceeds from this book to the CDC Foundation, an independent nonprofit and the sole entity created by Congress to mobilize philanthropic and private-sector resources to support the Centers for Disease Control and Prevention's critical health protection work. To learn more about the CDC Foundation, visit www.cdcfoundation.org.

Veterinary Clinical Skills Manual-Nichola Coombes 2018-05-16 Down-to-earth and intensely practical, this book and video package provides step-by-step guidance on the essential clinical skills required by veterinary students before they face clinical situations encountered in the real world of the busy veterinary professional. This book is the go-to manual for an essential grounding in key veterinary clinical skills for all students and educators of veterinary medicine and animal husbandry.

Manual on Participatory Epidemiology-Jeffrey C. Mariner 2000 Participatory techniques for data gathering have been known to agriculturists for some years. However, it is only relatively recently that these techniques have been adopted by veterinarians for use in the discipline of epidemiology. Their use has been effective, and the techniques are being further developed and refined by veterinary epidemiologists in various parts of the world. Participatory appraisal methods show great promise in developing regions and, with the Global Rinderpest Eradication Programme (GREP) in an advanced stage, the publication of this manual is particularly timely. An appendix has therefore also been included, dealing specifically with rinderpest and the stomatitis-enteritis complex of diseases. It is hoped that the material in this publication will both advance disease control and eradication efforts and stimulate further application of these innovative techniques. [FAO website]

Veterinary Epidemiology and Economics in Africa-S. N. H. Putt 1987-01-01 An introduction to the planning and evaluation of disease control policy; Epidemiology: some basic concepts and definitions; The use of descriptive statistics in the presentation of epidemiological data; The epidemiological approach to investigating disease problems; Statistical methods in the analysis of epidemiological data; An introduction to the use of economics in the planning and evaluation of disease control programmes; Estimating the costs of diseases and the benefits of their control; Economics and decision-making in disease control policy; Modelling in veterinary epidemiology and economics.

World Animal Review- 1984

Feed Evaluation-P. O. Osuji 1993-01-01

Medical and Veterinary Entomology-Gary R. Mullen 2009-04-22 *Medical and Veterinary Entomology*, Second Edition, has been fully updated and revised to provide the latest information on developments in entomology relating to public health and veterinary importance. Each chapter is structured with the student in mind, organized by the major headings of Taxonomy, Morphology, Life History, Behavior and Ecology, Public Health and Veterinary Importance, and Prevention and Control. This second edition includes separate chapters devoted to each of the taxonomic groups of insects and arachnids of medical or veterinary concern, including spiders, scorpions, mites, and ticks. Internationally recognized editors Mullen and Durden include extensive coverage of both medical and veterinary entomological importance. This book is designed for teaching and research faculty in medical and veterinary schools that provide a course in vector borne diseases and medical entomology; parasitologists, entomologists, and government scientists responsible for oversight and monitoring of insect vector borne diseases; and medical and veterinary school libraries and libraries at institutions with strong programs in entomology. Follows in the tradition of *Herm's Medical and Veterinary Entomology* The latest information on developments in entomology relating to public health and veterinary importance Two separate indexes for enhanced searchability: Taxonomic and Subject New to this edition: Three new chapters Morphological Adaptations of Parasitic Arthropods Forensic Entomology Molecular Tools in Medical and Veterinary Entomology 1700

word glossary Appendix of Arthropod-Related Viruses of Medical-Veterinary Importance Numerous new full-color images, illustrations and maps throughout

Zimbabwe Veterinary Journal- 1995

Revista Mundial de Zootecnia- 1997

Proceedings ... Annual National Livestock Research Workshop-

Manual on Livestock Disease Surveillance and Information Systems- 1999 Defining importance of

diseases; FAO/EMPRES: a new emphasis; Early detection; The need for surveillance; What is

surveillance?; Surveillance on the ground; Putting a surveillance system in place; Surveillance for what?;

Surveillance when and how?; Surveillance in resource-poor countries; Information systems; Setting the

goals; Determining needs and outputs; Computerisation; Questionnaire design; Databases; Data quality

control; Feedback; The role of GIS; Motivating and training field staff; Awareness creation among

decision-makers; Using surveillance as a management tool; FAO involvement in surveillance and

information systems development; Examples of questionnaires.

Agricultural & Veterinary Sciences International Who's who- 1987

Australian National Bibliography- 1984

The Veterinary Bulletin- 1986

Postgraduate Training in Australia (handbook for Overseas Students). Science and Engineering-Leslie A.

Balzier 1988

Introduction to Veterinary Epidemiology-Hans Houe 2004 Introduction to Veterinary Epidemiology

provides the basics of veterinary epidemiology to the undergraduate and graduate students. The outline of

the book follows the necessary steps involved in planning, conducting and analyzing an epidemiological

study. These steps include establishing the objective and hypothesis, defining risk factors and outcome,

selecting an appropriate study design, determining relevant measures of disease frequency, association

and effect, sample size considerations, conducting the study, managing the data in databases and finally

analyzing the data. The process takes off in the concepts and theories that form the basis of veterinary

epidemiology and includes a solid introduction to data with respect to nature, management and analysis.

The examples used to illustrate the different elements of data analysis are given in appendices as SAS

code and R code to help getting started on the data analysis. This book is a collaboration between authors

with solid backgrounds within veterinary, mathematical, statistical and computer sciences. They have

years of experience in teaching at the undergraduate as well as graduate and postgraduate level. Each

chapter has been reviewed by leading international veterinary epidemiologists. The programs and data

sets can be downloaded from www.itve.dk

Biosecurity in Animal Production and Veterinary Medicine-Jeroen Dewulf 2019-12-01 Globally, the way the

animal production industry copes with infectious diseases is changing. The (excessive) use of

antimicrobials is under debate and it is becoming standard practice to implement thorough biosecurity

plans on farms to prevent the entry and spread of pathogenic micro-organisms. Not only in farm animal

production, but also in facilities where companion animals are kept, including in veterinary practices and

clinics, awareness of the beneficial implications of a good biosecurity plan has raised. The book

Biosecurity in Animal Production and Veterinary Medicine is the first compilation of both fundamental

aspects of biosecurity practices, and specific and practical information on the application of the

biosecurity measures in different animal production and animal housing settings.

Efficient Animal Production for Asian Welfare- 1985

Taking a Multisectoral One Health Approach : A Tripartite Guide to Addressing Zoonotic Diseases in

Countries-Food and Agriculture Organization of the United Nations 2019-03-11 The 2018 FAO-OIE-WHO

(Tripartite) zoonoses guide, "Taking A Multisectoral, One Health Approach: A Tripartite Guide to

Addressing Zoonotic Diseases in Countries" (2018 TZG) is being jointly developed to provide member

countries with practical guidance on OH approaches to build national mechanisms for multisectoral

coordination, communication, and collaboration to address zoonotic disease threats at the animal-human-

environment interface. The 2018 TZG updates and expands on the guidance in the one previous jointly-

developed, zoonoses-specific guidance document: the 2008 Tripartite "Zoonotic Diseases: A Guide to

Establishing Collaboration between Animal and Human Health Sectors at the Country Level", developed in

WHO South-East Asia Region and Western Pacific Region. The 2018 TZG supports building by countries of

the resilience and capacity to address emerging and endemic zoonotic diseases such as avian influenza,

rabies, Ebola, and Rift Valley fever, as well as food-borne diseases and antimicrobial resistance, and to

minimize their impacts on health, livelihoods, and economies. It additionally supports country efforts to

implement WHO International Health Regulations (2005) and OIE international standards, to address gaps

identified through external and internal health system evaluations, and to achieve targets of the Sustainable Development Goals. The 2018 TZG provides relevant country ministries and agencies with lessons learned and good practices identified from country-level experiences in taking OH approaches for preparedness, prevention, detection and response to zoonotic disease threats, and provides guidance on multisectoral communication, coordination, and collaboration. It informs on regional and country-level OH activities and relevant unisectoral and multisectoral tools available for countries to use.

Comptes Rendus: Themes- 1997

Veterinary Clinical Epidemiology, Third Edition-Ronald D. Smith 2005-09-07 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.

Proceedings of a Deer Course for Veterinarians-New Zealand Veterinary Association. Deer Branch 2002 Infectious Diseases of the Dog and Cat-Scott Weese 2019-06-30 This is a concise and quick reference guide, clinically oriented, based on experience underpinned by published research data. The systems-based approach emphasizes the problem list process utilized by most practitioners when faced with a patient presenting with a single or variety of clinical symptoms. This allows generation of a complete list of infectious disease differentials, and the ability to include or exclude those indicated based on patient risk assessment. Pathogen specific information enables rational choice of diagnostics, therapy, and prognostication for a complete list of small animal infectious disease that includes bacterial, viral, parasitic/protozoal and fungal.

Epidemiology for Field Veterinarians-Evan Sergeant 2015-07-28 Intended as an introduction for veterinarians and other animal health professionals interested in and wishing to apply epidemiological methods in their day-to-day work, this book provides a practical guide for those new to the field. Its applied focus covers the principles of epidemiology in real world situations and practical implementation of disease outbreak investigation, for both emerging and endemic diseases. Techniques and methods are discussed, supported by case studies and practical examples to illustrate their application. The book is clearly written and accessible, providing readers with practical information and encouraging the development of problem-solving skills. It is an essential handbook for veterinary surgeons and students and those involved in animal health, food safety and epidemiology.

The Onderstepoort Journal of Veterinary Research- 1998

Village Animal Health Worker Training Text and Medicine Guide-Animal Health Training and Consultancy Service 2011-04-01 This edition has not revised any of the content from the Fourth Edition but has produced the textbook and the medicine book in one, smaller pocket edition of the English translation (copyright 2011). We believe that this material, developed and tested for over 30 years by AHTCS in Nepal, is of value to farmers and those who work with them in many contexts outside Nepal. Through provision of this pocket English edition, we hope to make this resource more widely available. This book is intended to accompany a training program for village animal health workers and not to stand alone without participatory, hands-on training.

Sustaining Global Surveillance and Response to Emerging Zoonotic Diseases-National Research Council 2010-01-24 H1N1 ("swine flu"), SARS, mad cow disease, and HIV/AIDS are a few examples of zoonotic

diseases-diseases transmitted between humans and animals. Zoonotic diseases are a growing concern given multiple factors: their often novel and unpredictable nature, their ability to emerge anywhere and spread rapidly around the globe, and their major economic toll on several disparate industries. Infectious disease surveillance systems are used to detect this threat to human and animal health. By systematically collecting data on the occurrence of infectious diseases in humans and animals, investigators can track the spread of disease and provide an early warning to human and animal health officials, nationally and internationally, for follow-up and response. Unfortunately, and for many reasons, current disease surveillance has been ineffective or untimely in alerting officials to emerging zoonotic diseases. Sustaining Global Surveillance and Response to Emerging Zoonotic Diseases assesses some of the disease surveillance systems around the world, and recommends ways to improve early detection and response. The book presents solutions for improved coordination between human and animal health sectors, and among governments and international organizations. Parties seeking to improve the detection and response to zoonotic diseases—including U.S. government and international health policy makers, researchers, epidemiologists, human health clinicians, and veterinarians—can use this book to help curtail the threat zoonotic diseases pose to economies, societies, and health.

The Utilization of Fibrous Agricultural Residues as Animal Feeds-Australian-Asian Fibrous Agricultural Residues Research Network. Workshop 1985

The Care, Breeding and Management of Experimental Animals for Research in the Tropics-John B. Smith 1987

Ruminant Feeding Systems Utilizing Fibrous Agricultural Residues, 1985-Australian-Asian Fibrous Agricultural Residues Research Network. Workshop 1986

Cattle Plague-Clive Spina 2012-12-06 Cattle Plague: A History is divided into five sections, dealing with the nature of the virus, followed by a chronological history of its occurrence in Europe from the Roman Empire to the final 20th century outbreaks; then administrative control measures through legislation, the principal players from the 18th century, followed by an analysis of some effects, political, economic and social. Then follows attempts at cure from earliest times encompassing superstition and witchcraft, largely Roman methods persisting until the 19th century; the search for a cure through inoculation and the final breakthrough in Africa at the end of the 19th century. The last section covers the disease in Asia and Africa. Appendices cover regulations now in force to control the disease as well as historical instructions, decrees and statutes dating from 1745-1878.

Application of Quantitative Methods in Veterinary Epidemiology-Josephus Pieter Thérèse Maria Noordhuizen 2001

Rice Straw as a Feed for Ruminants-Peter Thomas Doyle 1986

Who's who in World Agriculture- 1985

Manual on the Preparation of National Animal Disease Emergency Preparedness Plans-W. A. Geering 1999

Veterinary Epidemiology-Michael Thrusfield 1997-09-16 Veterinary Epidemiology is the study of disease and other health-related events in animal populations. It seeks to identify the causes and effects of disease, and investigates the ways in which infection is transmitted and maintained. It is therefore fundamental to the prevention and control of disease in livestock and companion animals. Veterinary Epidemiology provides a comprehensive introduction to the role of epidemiology in veterinary medicine. The concepts and principles of epidemiology are explained with illustrations drawn from both large and small animal medicine, and from the developing as well as the developed world. The methodology and interpretation of surveys, observational studies and clinical trials are explored, with emphasis on modern quantitative methods. Veterinary Epidemiology is an invaluable reference source for veterinary general practitioners, government veterinarians, agricultural economists and members of other disciplines interested in animal disease. It will also be essential reading for undergraduate and intermediate-level postgraduate students of epidemiology

Handbook of Zoonoses E-Book-Joann Colville 2007-07-04 This essential, authoritative handbook provides clear, accurate coverage of zoonoses — diseases that can spread from animals to humans. The consistent format helps you quickly locate key information, such as how each disease affects the host, how it is spread, how it is treated, and necessary safety precautions. It also discusses the importance of educating animal owners about the public health implications of zoonoses and how to prevent them from spreading. Clear, concise coverage helps you respond quickly when presented with diseases that could potentially spread between patients, clients, and staff in the veterinary clinic. Each disease entry begins with a chart of its potential morbidity (the rate of incidence of a disease) and mortality (death rate), giving you at-a-glance access to the chance of contracting the disease and the severity of the disease if contracted.

Clinically relevant coverage includes information on the etiology (bacterial, viral, parasitic, etc.), most common nonhuman hosts, transmission modes, course of the disease, clinical signs in animals and humans, diagnostic tests, prevention, and general advice. Essential information on preventing the spread of disease helps you educate clients about how to protect themselves and their animals from zoonoses. Coverage of diseases such as mad cow disease, West Nile virus, rabies, and anthrax, prepares you to answer client questions about diseases that are in the public eye.

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