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Placenta In Cattle Pathogenesis
And Consequences

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Metabolic Diseases in Farm Animals
discusses metabolic diseases in farm

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livestock, focusing on four clinical syndromes—parturient hypocalcaemia, hypomagnesaemia, ketosis, and bloat. This book discusses metabolic disorders associated with water, calcium, magnesium, sodium, potassium, nitrogen, and phosphorus.

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The parturient paresis, which causes considerable metabolic stress and disrupts the daily pattern of feeding and digestion of dairy cows is also elaborated. This text covers the changes in mineral metabolism at parturition; factors predisposing dairy

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cows to parturient paresis; cause of paresis in milk fever; and downer syndrome in dairy cows. The complexity of energy metabolism and its associated disorders are likewise described. This publication is a good source for veterinarians and livestock

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farmers concerned with metabolic diseases in farm animals.

Bovine surgery is both challenging and complicated. Not only does the surgeon have to decide whether surgery is economically justified, but surgery often has to be performed in a

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sub-optimal environment. Following on from the worldwide success of the first edition, this new edition continues to act as a step-by-step guide to standard surgical techniques. Now with two new authors from Switzerland and North America, both

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the text and illustrations have been considerably expanded. In addition, special attention is given to issues relating to peri-operative analgesia and animal welfare, food safety, and drug dosages. * Maintains the popular concise and accessible

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format of the first edition - perfect for on-the-field work; * Two additional authors, with world renowned expertise in bovine surgery and lameness; * Detailed instruction on the basics of effective surgery - proper instrumentation, asepsis,

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effective anaesthesia and essential techniques; * Much more information on lameness, as well as numerous new linedrawings to aid instruction.

The two volumes of Acute Phase Proteins book consist of chapters that

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give a large panel of fundamental and applied knowledge on one of the major elements of the inflammatory process during the acute phase response, i.e., the acute phase proteins expression and functions that regulate homeostasis. We have organized this

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book in two volumes - the first volume, mainly containing chapters on structure, biology and functions of APP, the second volume discussing different uses of APP as diagnostic tools in human and veterinary medicine.

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An essential resource for both students and practitioners, this comprehensive text provides practical, up-to-date information about normal reproduction and reproductive disorders in horses, cattle, small ruminants, swine, llamas,

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and other livestock. Featuring contributions from experts in the field, each section is devoted to a different large animal species and begins with a review of the clinically relevant aspects of the reproductive anatomy and physiology of both

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males and females. Key topics include the evaluation of breeding soundness, pregnancy diagnosis, diagnosis and treatment of infertility, abortion, obstetrics, surgery of the reproductive tract, care of neonates, and the latest reproductive technology. Includes

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coverage of all large animal species. All sections provide a review of clinically pertinent reproductive physiology and anatomy of males and females of each species. Complete coverage of the most current reproductive technology, including

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embryo transfer, estrous synchronization, and artificial insemination. A new section on alternative farming that addresses reproduction in bison, elk, and deer. New to the equine section: stallion management, infertility, and breeding

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soundness evaluation. New to the bovine section: estrous cycle synchronization, reproductive biotechnology, ultrasonographic determination of fetal gender, heifer development, and diagnosis of abortion. New to the porcine section:

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artificial insemination, boar/stud management, diseases of postpartum period, and infectious disease control.

New to the llama section: infectious disease and nutrition.

Metabolic Diseases in Farm Animals

Infectious Diseases of Wild Mammals

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Abstracts of Papers

Bovine Surgery and Lameness

DC Dutta's Textbook of Gynecology

Diagnosis of PPH --

Management of atonic PPH

-- Management of retained

placenta -- Choice of fluid

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*for replacement or
resuscitation -- Health
systems and organizational
interventions -- PPH care
pathways -- Research
implications -- Plans for local
adaptation of the*

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*recommendations -- Plans
for supporting
implementation of these
recommendations -- GRADE
tables.*

*Cattle play a fundamental
role in animal agriculture*

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throughout the world. They not only provide us with a vital food source, but they also provide us with fertilizer and fuel. Keeping reproduction levels at an optimum level is therefore

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essential, but this is often a complicated process, especially with modern, high yielding cows. Written in a practical and user-friendly style, this book aims to help the reader understand cattle

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*reproduction by explaining
the underlying physiology of
the reproductive process
and the role and importance
of pharmacology and
technology, and showing
how management*

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techniques can improve reproductive efficiency. This edition includes: Recent research findings on the physiology of the oestrous cycle and its control; New techniques for monitoring

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*and manipulating
reproduction, including
pregnancy diagnosis and
embryo transfer; Advice on
identifying common
infertility problems and how
to prevent and treat them.*

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Reproduction Cattle 3e is essential reading for veterinary and agricultural students, as well as veterinarians and farmers involved in cattle reproduction.

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Reproduction in Cattle John
Wiley & Sons

*Proceedings of a
symposium, satellite to the
24th International Congress
of Physiological Sciences,
University of Pennsylvania.*

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Index Veterinarius

*Color Atlas of Diseases and
Disorders of Cattle
Clinical Management of
Patients with Viral
Haemorrhagic Fever
Bluetongue*

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Madkour's Brucellosis

This book summarizes the results achieved so far by application of various biological systems (including genomics, transcriptomics, proteomics, and

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metabolomics) involved in the pathomechanisms and early diagnosis of periparturient diseases as specific biomarkers of disease in cattle. These emerging technologies help

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to extensively enhance our understanding of the etiology and pathogenesis of periparturient diseases of transition dairy cows. The book includes a chapter dedicated to 'omics'

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sciences and one that discusses the myths established in animal and veterinary sciences in recent decades and emerging, new paradigms. The diseases discussed include metritis,

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mastitis, laminitis, ketosis,
rumen acidosis,
periparturient
immunosuppression,
gastrointestinal microbiota
and their involvement in
disease, infertility, fatty liver,

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milk fever, and retained placenta. This book is intended for academics, veterinarians, animal nutritionists, researchers, and graduate students working in the field of 'omics

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sciences' with a special interest in dairy cattle health.

Veterinary Science theme is a component of Encyclopedia of Food and Agricultural Sciences,

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Engineering and Technology
Resources in the global
Encyclopedia of Life Support
Systems (EOLSS), which is
an integrated compendium
of twenty one Encyclopedias.
Veterinary medicine's

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ultimate purpose is to promote, maintain and restore the health of animals, people and the ecosystems which they inhabit. The theme on Veterinary Science focuses

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on ensuring the health and welfare of animals and provides the essential aspects and a myriad of issues of great relevance to our world such as Veterinary Medicine; Veterinary

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Surveillance; Metabolic
Disorders of Dairy Cattle;
Veterinary Pathology;
Veterinary Toxicology;
Comparative Immunology-
Based Approaches to
Veterinary Diseases;

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Veterinary Virology;
Veterinary Bacteriology;
Veterinary Mycology;
Veterinary Helminthology;
Biology of select zoonotic
protozoan infections of
domestic animals; Veterinary

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Ectoparasitology. This volume is aimed at the following five major target audiences: University and College Students Educators, Professional Practitioners, Research Personnel and

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Policy Analysts, Managers,
and Decision Makers, NGOs
and GOs.

The most trusted and well-
known quick-reference
resource available to
veterinarians, Blackwell's

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Five-Minute Veterinary Consult series includes this volume on ruminants. Hundreds of top specialists provide coverage of 420 topics arranged alphabetically from A-Z for

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efficient searching, with each topic indicating the species affected. An accompanying CD includes an additional 175 topics covering management, husbandry, reproduction, and

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diagnostics. Whether you're a student or a practicing veterinarian, this reference book will cut down on the time spent navigating through other resources, allowing you to study,

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diagnose and treat more quickly.

A full description of the clinical aspect and pathology of the disease, with a discussion of current treatment. This updated

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edition includes five new chapters: endocrinal brucellosis, difficulties in diagnosis and management, HIV and brucellosis, bioterrorism and brucellae, and spondylitis with

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neurobrucellosis. The book presents a complete, up-to-date picture of the disorder and will appeal to clinicians, students, researchers and also to veterinarians.

A Systems Biology Approach

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Pathogenesis of Bacterial
Infections in Animals
Animal Health Economics
Bovine Reproduction
Acute Phase Proteins as
Early Non-Specific
Biomarkers of Human and

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Veterinary Diseases

Brucellosis is a nationally and internationally regulated disease of livestock with significant consequences for animal health, public health, and

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international trade. In cattle, the primary cause of brucellosis is *Brucella abortus*, a zoonotic bacterial pathogen that also affects wildlife, including bison and elk. As a result of the

**Brucellosis Eradication
Program that began in 1934,
most of the country is now
free of bovine brucellosis.
The Greater Yellowstone
Area (GYA), where
brucellosis is endemic in**

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bison and elk, is the last known *B. abortus* reservoir in the United States. The GYA is home to more than 5,500 bison that are the genetic descendants of the original free-ranging bison

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**herds that survived in the
early 1900s, and home to
more than 125,000 elk
whose habitats are managed
through interagency efforts,
including the National Elk
Refuge and 22 supplemental**

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**winter feedgrounds
maintained in Wyoming. In
1998 the National Research
Council (NRC) issued a
report, Brucellosis in the
Greater Yellowstone Area,
that reviewed the scientific**

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knowledge regarding B. abortus transmission among wildlifeâ€"particularly bison and elkâ€"and cattle in the GYA. Since the release of the 1998 report, brucellosis has re-emerged in domestic

**cattle and bison herds in
that area. Given the
scientific and technological
advances in two decades
since that first report,
Revisiting Brucellosis in the
Greater Yellowstone Area**

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explores the factors associated with the increased transmission of brucellosis from wildlife to livestock, the recent apparent expansion of brucellosis in non-

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**feedground elk, and the
desire to have science
inform the course of any
future actions in addressing
brucellosis in the GYA.
A guide to the field of
animal health economics**

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and its underlying methodology. Supplied with this book is a diskette, containing practical exercises (in computer spreadsheets) on the various methods and

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techniques in animal health economics, including production function analysis.

This much-anticipated third edition again consolidates the knowledge of more than

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**twenty experts on
pathogenesis of animal
disease caused by various
species or groups of
bacteria. Emphasizing
pathogenic events at the
molecular and cellular**

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levels, the editors and contributors place these developments in the context of the overall picture of disease. Pathogenesis of Bacterial Infections in Animals, Third edition,

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updates and expands the content of the second edition and includes cutting-edge information from the most current research. Comments on previous editions: "...highly

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**recommended." --The
Veterinary Record "...a
comprehensive, complete
and easy-to-use source of
information." --Veterinary
Microbiology
"...recommended for**

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**graduate students and
specialists in microbiology,
pathology and infectious
disease." --U.S. Animal
Health Association
Newsletter "...a wonderful
book." --Journal of the**

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**American Veterinary Medical
Association "...highly
recommended." --The
Cornell Veterinarian
Graduate students, faculty,
researchers, and specialists
in microbiology, pathology,**

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and infectious diseases will benefit from this highly-detailed and expanded edition of a popular and well-read veterinary text.

**The third volume in the
Institute of Animal Health**

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**(IAH) Biology of Animal
Infections Series,
Bluetongue discusses one of
the most economically
important diseases of
domesticated livestock.
Affecting primarily sheep**

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**particularly the improved
mutton and wool breeds, it
is now endemic in Africa,
India, the Middle and Far
East, Australia and the
Americas, and over the last
six years has caused a series**

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of outbreaks throughout the Mediterranean region and central Europe. Bluetongue represent a paradigm not only for the other orbiviruses (such as African horse sickness virus, which

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shares the same vector species) but also for other insect transmitted diseases, including those of humans. The only single definitive work that provides both historical and up to date

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**data on the disease
Describes the latest
developments in
epidemiological modelling,
molecular epidemiology and
vaccine development, as
well as explaining the**

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**current global epidemiology
of the disease Outlines the
importance and possible
mechanisms of
overwintering, and the
impact of global warming on
the vectors and virus**

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distribution

Lactogenesis

**Pathology of Domestic
Animals**

**Studies on Veterinary
Medicine**

WHO Guidelines for the

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**Management of Postpartum
Haemorrhage and Retained
Placenta**

Liver Flukes in Cattle

*Liver disease in children is
increasing in prevalence, placing
a huge burden on healthcare*

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systems and often requiring long-term management. Offering an integrative approach to the science and clinical practice of pediatric hepatology, this is the definitive reference text for improved diagnosis and

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treatment strategies. In the new edition of this authoritative text, chapters have been thoroughly revised in line with major advances in the field, such as recognizing the increased frequency of fatty liver disease,

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and how genetic testing has the potential to establish earlier diagnoses for a variety of diseases. Disorders covered include cholestasis, metabolic disorders and hepatitis, with their presentation across the

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spectrum of infancy, childhood and adolescence discussed. The indications and surgical aspects of liver transplant are explained and post-transplant care is described in detail. This is a valuable resource for

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***pediatricians, hepatologists,
gastroenterologists and all
clinicians involved in the care of
children with liver diseases.
First published in March 2014
under the title "Clinical
management of patients with***

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viral haemorrhagic fever: a pocket guide for front-line health workers: interim emergency guidance for West Africa". With an emphasis on the disease conditions of dogs, cats, horses, swine, cattle and small

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ruminants, Jubb, Kennedy, and Palmer's Pathology of Domestic Animals, 6th Edition continues its long tradition of being the most comprehensive reference book on common domestic mammal pathology. Using a

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***body systems approach,
veterinary pathology experts
provide overviews of general
system characteristics, reactions
to insult, and disease conditions
that are broken down by type of
infectious or toxic insult***

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affecting the anatomical subdivisions of each body system. The sixth edition now boasts a new full-color design, including more than 2,000 high-resolution images of normal and abnormal organs, tissues, and

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cells. Updated content also includes evolved coverage of disease agents such as the Schmallenberg virus, porcine epidemic diarrhea virus, and the porcine deltacoronavirus; plus new information on molecular-

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based testing, including polymerase chain reaction (PCR) and in-situ hybridization, keep you abreast of the latest diagnostic capabilities. "a core text in veterinary pathology"Reviewed by:

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Alexander Stoll, on behalf of Wikivet, November 2015 Updated content includes new and evolving pathogens and diagnostic techniques. Updated bibliographies give readers new entry points into the rapidly

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expanding literature on each subject. NEW! High-resolution color images clearly depict the diagnostic features of hundreds of conditions. NEW! Introduction to the Diagnostic Process chapter illustrates the whole

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***animal perspective and details
the approaches to systemic,
multi-system, and polymicrobial
disease. NEW! Coverage of
camelids is now included in the
reference's widened scope of
species. NEW! Team of 30+***

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expert contributors offers the latest perspective on the continuum of issues in veterinary pathology. NEW! Expanded resources on the companion website include a variety of helpful tools such as

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***full reference lists with entries
linked to abstracts in Pub Med
and bonus web-only figures.
NEW! Full-color design improves
the accessibility of the text.
Brucellosis, also known as
undulant fever, Mediterranean***

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fever, or Malta fever, is an important human disease in many parts of the world. It is a zoonosis and the infection is almost invariably transmitted to people by direct or indirect contact with infected animals or

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their products. These Guidelines are designed as a concise, yet comprehensive, statement on brucellosis for public health, veterinary and laboratory personnel without access to specialized services. They are

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also to be a source of accessible and updated information for such others as nurses, midwives and medical assistants who may have to be involved with brucellosis in humans. Emphasis is placed on fundamental

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measures of environmental and occupational hygiene in the community and in the household as well as on the sequence of actions required to detect and treat patients.

Jubb, Kennedy & Palmer's

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***Pathology of Domestic Animals -
E-BOOK:***

***Periparturient Diseases of Dairy
Cows***

Tiergeburtshilfe

***A Pocket Guide for Front-line
Health Workers : Interim***

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***Emergency Guidance for
Country Adaption***

Reproduction in Cattle

**Fully revised, new edition
presenting latest developments in
gynaecology. Includes numerous
graphics and diagrams and an
interactive DVD ROM. Previous**

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edition published in 2007.

This book evolved from a series of lectures and laboratories given by Dr. Kenneth McEntee to students at Cornell University, the University of Illinois, and Tufts University and is based on tissues from over 20,000 cases of reproductive disease in

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the International Registry of Reproductive Pathology, founded by Dr. McEntee. Dr. McEntee brings into sharp focus what is known of reproductive pathology in North America and abroad. His book will be an invaluable text and reference for those working on the diagnosis,

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**prevention, and treatment of
reproductive failures of all kinds.
The only comprehensive text on
reproductive pathology of domestic
mammals Based on pathologic
examination of more than 20,000
cases of reproductive disease
Covers clinical aspects of disease**

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**and associated lesions Extensive
reference list includes citations in
twelve languages**

**Bovine Reproduction is a
comprehensive, current
reference providing information on
all aspects of reproduction in the
bull and cow. Offering fundamental**

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**knowledge on evaluating
and restoring fertility in the bovine
patient, the book also
places information in the context of
herd health where appropriate for
a truly global view of bovine
theriogenology. Printed in full
color throughout, the book includes**

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83 chapters and more than 550 images, making it the most exhaustive reference available on this topic. Each section covers anatomy and physiology, breeding management, and reproductive surgery, as well as obstetrics and pregnancy wastage in the cow.

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**Bovine Reproduction is a
welcomeresource for bovine
practitioners, theriogenologists,
and animalscientists, as well as
veterinary students and residents
with aninterest in the cow.
Issues in Veterinary Research and
Medicine / 2011 Edition is a**

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ScholarlyEditions™ eBook that delivers timely, authoritative, and comprehensive information about Veterinary Research and Medicine. The editors have built Issues in Veterinary Research and Medicine: 2011 Edition on the vast information databases of

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ScholarlyNews.™ You can expect the information about Veterinary Research and Medicine in this eBook to be deeper than what you can access anywhere else, as well as consistently reliable, authoritative, informed, and relevant. The content of Issues in

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**Veterinary Research and Medicine:
2011 Edition has been produced by
the world's leading scientists,
engineers, analysts, research
institutions, and companies. All of
the content is from peer-reviewed
sources, and all of it is written,
assembled, and edited by the**

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available exclusively from us. You
now have a source you can cite
with authority, confidence, and
credibility. More information is
available at
<http://www.ScholarlyEditions.com/>.
Brucellosis in Humans and Animals**

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**Placental Bed Disorders
Principles and Applications
Research Grants Index
Annual Conference for
Veterinarians**

Bovine Medicine provides practical and comprehensive information on cattle disease and production and is

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a key reference for all large animal vets. Since the first edition was published in 1991 there have been significant improvements in disease control and management of cattle. Almost all parts of the book have been updated and completely rewritten. There are new chapters on

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surgery, embryo transfer, artificial insemination, ethno-veterinary medicine and biosecurity, and a new consolidating chapter on the interaction between the animal, environment, management and disease. The previous edition has sold all over the world, and as a

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result of this a greater emphasis has been placed on conditions and their treatment in areas other than temperate regions. A new section entitled "Global Variation in Cattle Practice" has been included with contributors discussing bovine medicine practice in their part of the

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world. All in all this is an outstanding resource for any practising vet and an excellent reference for veterinary students.

The Color Atlas of Diseases and Disorders of Cattle is the established and respected illustrated guide to the full range of conditions

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encountered in cattle worldwide. For this new edition the atlas has been redesigned to present over 840 colour illustrations and clearer than ever coverage of conditions, with a special emphasis on ease of use. The text has been updated and rewritten to encompass many new conditions

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including burns, 'bleeding calf syndrome', rib fracture and jejunal hemorrhagic syndrome, while treatment of existing conditions has been expanded. The emphasis of this new edition of the Color Atlas remains the visible signs of diseases and disorders in the live animal. In

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its third edition guise, the atlas is an indispensable reference for both experienced and novice cattle practitioners, government and industry veterinarians, as well as veterinary and agricultural students, and managers of large-scale cattle enterprises throughout the world.

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One hundred fresh illustrations included, improving the range of signs presented. Special emphasis on improvements in animal welfare. Extensive upgrade to chapter on locomotor disorders. Improved layout places images and relevant text closer together. Terms updated with

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the latest nomenclature. Inclusion of more lay terms and clarification of acronyms. One hundred fresh illustrations included, improving the range of signs presented. Special emphasis on improvements in animal welfare. Extensive upgrade to chapter on locomotor disorders.

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Improved layout places images and relevant text closer together. Terms updated with the latest nomenclature. Inclusion of more lay terms and clarification of acronyms. Key features: Written by the scientist who named this parasite and was the first to set up proper diagnostic

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techniques Serves as the first ever book to provide information on the parasite structure, biology, pathogenesis, clinical signs, epidemiology, prevention, and control of neosporosis Covers both approaches toward preventing & controlling this disease: Developing

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an efficacious vaccine and sound
cattle management practices
Contains a wealth of illustrations,
including many of the author's
original photographs of the parasite
Provides basic information on
immunologic and molecular aspects
of the disease Abortion is a

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worldwide problem in the livestock industry accounting for annual economic losses of billions of dollars, and *N. caninum* is a major cause of it. Neosporosis is a newly recognized disease of animals. Until 1988 it was misdiagnosed as toxoplasmosis. Considerable progress in

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understanding the biology of neosporosis has been made in the last 30 years, resulting in more than 2,000 scientific publications. The economic importance of abortion in cattle, and the availability of knowledge, reagents, and technology used to study toxoplasmosis, have

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contributed to the rapid progress in understanding the biology of neosporosis. Written by pioneers in this field, Neosporosis in Animals presents a comprehensive summary of the biology of neosporosis, starting with chapter 1 on the historical background of the

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discovery of the disease. Subsequent chapters deal with general aspects of the biology of *N. caninum* (chapter 2), techniques (chapter 3), and the disease caused by this parasite in cattle (chapter 4), dogs (chapter 5), and all other animals including sheep, pigs, primates and humans

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(chapters 6-18). This book provides, for the first time in a single authoritative source, a complete account of the structure, biology, clinical disease, diagnosis, epidemiology, treatment, attempts at immunoprophylaxis, and control in all hosts. There are 175 illustrations

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and tables devoted to the life cycle, structure of parasitic stages, and lesions. More than 2100 references are cited, allowing the reader to locate additional information on specific topics in an efficient way. This book will be useful to a broad range of researchers in biology and

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veterinarians.

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

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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

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is a leading reference book for
Wildlife biologists, managers, and
rehabilitators Biology students
Conservationists Public health
workers
Bovine Medicine
Diseases and Husbandry of Cattle
Basic Science and its Translation to

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Obstetrics

Current Therapy in Large Animal
Theriogenology - E-Book

Revisiting Brucellosis in the Greater
Yellowstone Area

***It is now recognized that
defective placentation in the
human is a cause of many***

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pregnancy complications, such as spontaneous abortion, preterm labor and delivery, pre-eclampsia, intrauterine growth restriction, fetal death and abruptio placenta. These clinical disorders can often

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have long-term consequences into adulthood, causing cardiovascular disease, obesity and diabetes for the newborn as well as an increased risk of premature death in the mother. This is the first book

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to be entirely focused on the placental bed, bringing together the results of basic and clinical research in cell biology, immunology, endocrinology, pathology, genetics and imaging to

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consolidate in a single, informative source for investigators and clinicians. Its core aim is to explore new approaches and improve current clinical practice. This is essential reading for

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***clinicians in obstetric,
cardiovascular and
reproductive medicine.***

***This compendium of research
material on the role of
oxidative stress in animal
disease and morbidity***

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examines both the general and the specific. Sourced from scientists, veterinarians, and members of the medical community from around the world, it includes chapters on our wider understanding of the

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corrosive function of free radicals in cell biology as well as focusing on the interplay between oxidative stress and metabolism in a variety of animal species including dogs, ruminants and birds. Since

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biogerontologist Denham

Harman first posited that free radicals arising from the metabolic activity of oxygen play a central role in aging and disease, a mass of evidence has accumulated linking oxidative

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stress and biological degradation. We now understand that living in an aerobic environment inevitably leads to the production of free radicals that go on to attack biological membranes and

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lipoproteins via oxidation in a process called lipid peroxidation. Reacting with carbon-based molecules such as polyunsaturated fatty acids, these free radicals cause oxidative stress and tissue

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***damage. The purpose of
Studies on Veterinary
Medicine is to inform
clinicians, students and others
of the plethora of
consequences that free radical
damage (ROS) has on various***

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cells, tissues, and organs, as well as in different species of animals. The chapters also analyze the effects of oxidative stress on aging and various morbidities such as diabetes, cognitive dysfunction and

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heart disease. Contributors variously present their interpretation of the role played by oxidative damage in disease and assess the benefits of antioxidant therapies. The all-new Fourth Edition of

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Pathology of Domestic Animals
comprehensively covers the
biology and pathology of
diseases of domestic animals
on a systemic basis. Updated
and expanded to reflect the
current knowledge of the study

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***of domestic animal diseases,
this three-volume set appeals
to veterinarians, veterinary
students, trainee veterinary
pathologists learning the scope
of their field, and practicing
pathologists confronted with***

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diagnostic problems.

***Improvements over the Third
Edition: * All material
completely updated and
expanded to reflect the current
knowledge of the study of
diseases of domestic animals ****

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Covers the biology and pathology of diseases of domestic animals on a global basis * Emphasizes the pattern of disease and the defense mechanisms of each organ system * Several new

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illustrations

***Pathology of Domestic
Animals, Volume 1 elaborates
on the bone structure and
diseases, as well as the genital,
circulatory, and respiratory
systems, of domestic animals.***

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The manuscript first offers information on bones, joints, and synovial structures and diseases of joints, including adaptational deformities of the skeleton, metabolic diseases of bones, necrosis and

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inflammation of bones, and discontinuities of bone and the healing of fractures. The text then ponders on the circulatory and respiratory systems. Discussions focus on congenital anomalies of the

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heart and large vessels, myocardium, hypertrophy and dilation of the heart, pharynx and guttural pouches, larynx and trachea, lungs, and pleura and mediastinum. The publication examines the

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haemopoietic system and endocrine glands. Topics include blood and bone marrow, general reactions of erythrocytes to injury, lymphoreticular tissues, adrenal glands and

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paraganglia, and polycythaemia. The book then reviews the male and female genital systems. The manuscript is a valuable source of data for readers interested in the pathology of

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domestic animals.

***Reproductive Pathology of
Domestic Mammals
Issues in Veterinary Research
and Medicine: 2011 Edition
Neosporosis in Animals
The Initiation of Milk***

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Secretion at Parturition
Modern Veterinary Practice