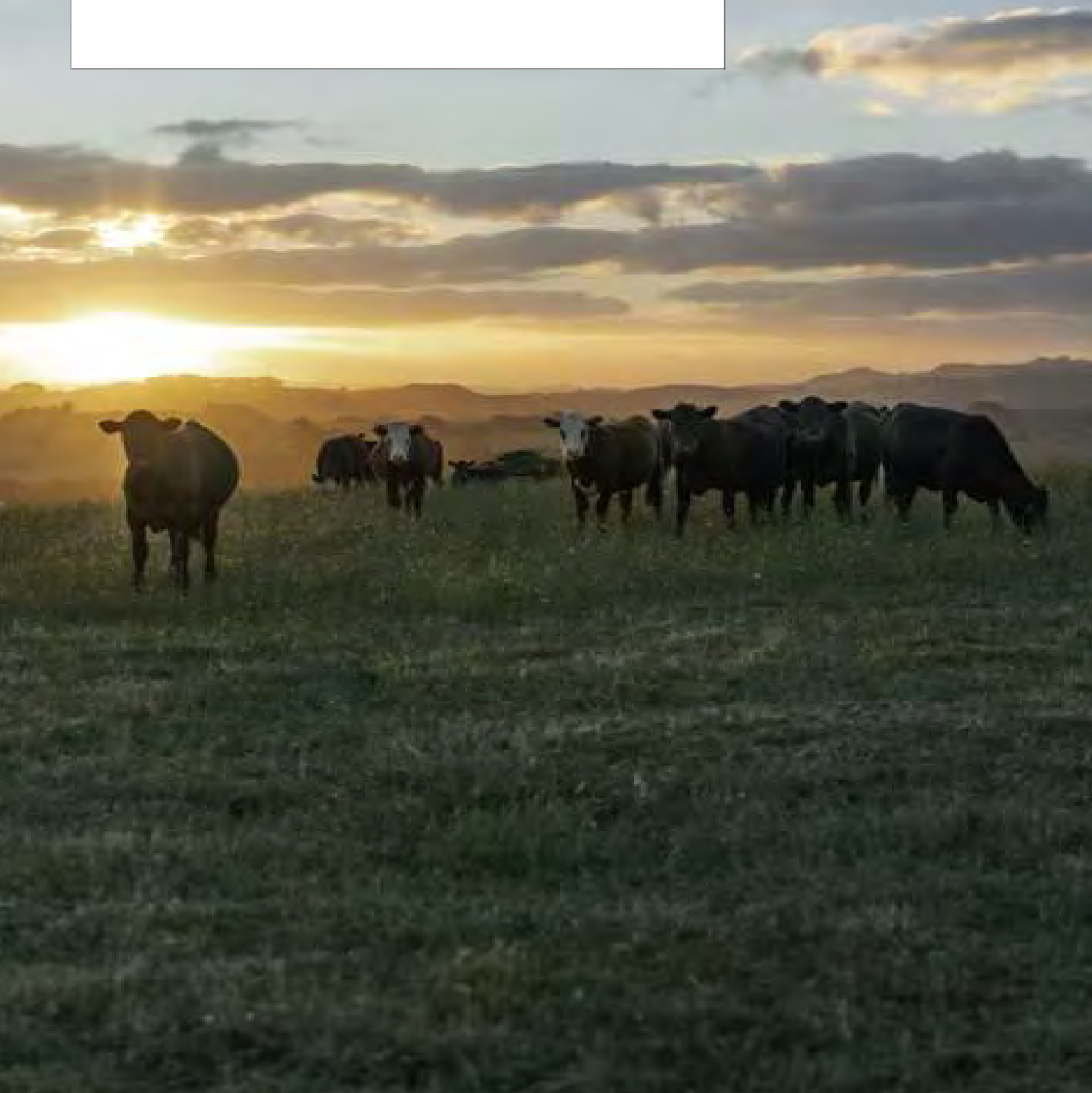


Routledge

Veterinary Medicine
Textbook Catalogue
Spring 2025



Routledge
Taylor & Francis Group

www.routledge.com

Welcome

Welcome to the Taylor and Francis Veterinary Medicine Textbook Catalogue.

eBooks

We have over 50,000 eBooks available across the Humanities, Social Sciences, Behavioural Sciences, Built Environment, STM and Law, from leading Imprints, including Routledge, Focal Press and Psychology Press. These eBooks are available for both individual and institutional purchase.

INDIVIDUALS

Our eBooks are available from Amazon, Apple iBookstore, Google eBooks, Ebooks.com, Kobo, Barnes & Noble, Waterstones, Mobipocket, VitalSource, and CourseSmart.

LIBRARIES AND INSTITUTIONS

Subscribe to or purchase a wide range of eBook packages or pick and mix your own from our complete collection (a minimum number of titles applies). FREE TRIALS are available. For more information, please visit www.tandfebooks.com or contact your local sales team.

eUpdates

Register your email at www.tandf.co.uk/eupdates to receive information on books, journals and other news within your area of interest.

an **informa** business

Prices, publication dates and content are correct at time of going to press, but may be subject to change without notice.

Partnership Opportunities at Routledge

At Routledge we always look for innovative ways to support and collaborate with our readers and the organizations they represent.

If you or your organization would like to discuss partnership opportunities, from reciprocal marketing activities to commercial enterprises, please do get in touch on partnerships@routledge.com.

Considering Books for Course Use?



This symbol shows books that are available as complimentary exam copies for lecturers or faculty considering them for course adoption. To obtain your copy visit the URL listed beneath the title in the catalog and select your choice of print or electronic copy.

Visit www.routledge.com or in the US you can call 1-800-634-7064.



This symbol shows books that are available as electronic inspection copies only.

For a complete list, visit: www.routledge.com/representatives.

Trade Customers' Representatives, Agents and Distribution

For a complete list, visit:
www.routledge.com/representatives.

Contents

| | |
|--|-----------|
| Animal Behaviour | 2 |
| Animal Law / Animal Welfare / Animal Ethics | 5 |
| Animal Nutrition/Obesity | 6 |
| Animal Population Health and Welfare / One Health / Veterinary Public Health | 7 |
| Animals and Society I & II, Animal Welfare and Ethics | 12 |
| Comparative medicine | 16 |
| Core Skills - Communicate effectively with colleagues and the public Critical business and communication skills Lifelong learning .. | 17 |
| Distinguishing the Pathological from the Normal Diagnosing and Treating Disease and Alleviating Suffering | 19 |
| Equine | 22 |
| Exotics | 26 |
| Introduction to Immunology Parasitology and Immunity Infectious Diseases | 29 |
| Laboratory Animal Systems | 31 |
| Managing Animal Production Lambing Animal Husbandry PMVPH Veterinary Epidemiology Animal Handling Agricultural Economics | 32 |
| Managing Animal Production Lambing Animal Husbandry PMVPH Veterinary Epidemiology Animals in Society I & II Animal Welfare & Ethics Animal Handling Agricultural Economics | 33 |
| Normal Body Function and Disease / Systems and Function | 35 |
| Pharmacology, Anaesthesia, Imaging and Surgery | 36 |
| The Living Cell | 38 |
| The Moving Animal Locomotor | 39 |
| The Whole Animal and Systems Strands | 41 |
| Veterinary Cytology | 45 |
| Veterinary Dentistry | 46 |
| Veterinary Dermatology | 47 |
| Veterinary Emergency Medicine | 48 |
| Veterinary Microbiology | 50 |
| Veterinary Neurology | 51 |
| Veterinary Nursing/Technician Training | 52 |
| Veterinary Oncology | 55 |
| Veterinary Ophthalmology | 56 |
| Veterinary Orthopedics | 57 |
| Veterinary Research and Evidence-based Veterinary Medicine .. | 59 |
| Veterinary Surgery | 61 |
| Veterinary Toxicology | 63 |
| Veterinary Vaccines & Viral Diseases / Animal infection & immunity | 64 |
| Zoological Medicine | 67 |
| Index | 69 |

A Professional's Guide to Feline Behaviour

Understanding, Improving and Resolving Problems



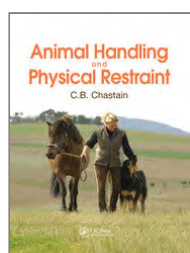
Caroline Clark Clinical Animal Behaviorist

A Professional's Guide to Feline Behaviour is an invaluable resource for veterinarians, shelter workers, behaviourist and others working cats, while being accessible to anyone who shares their life with a cat and wants to gain a deeper understanding of their behaviour. It offers a greater understanding of cats and how to meet their needs, explains how to deal with challenges that cats face and how to analyse feline behaviour accurately, with a view to designing a tailored behaviour modification plan. Real-life case studies, accompanied with behaviour plans that integrate clinically proven methods, help manage or resolve a range of behaviour issues.

CRC Press
October 2024 : 332pp
Pb: 978-1-032-17199-9 : **£36.99**
Hb: 978-1-032-17204-0 : **£99.99**
eBook: 978-1-003-25224-5

* For full contents and more information, visit: www.routledge.com/9781032171999

Animal Handling and Physical Restraint



C. B. Chastain Univ. of Missouri, College of Veterinary Medicine, Columbia, USA

The aim of the book is to prepare future or current veterinarians and veterinary technologists, technicians/nurses, and assistants to be able to handle animals more safely, gain the confidence of animals and their owners, and instruct owners in proper animal handling methods. No handling or restraint of animals is without risk, but proper animal handling and restraint aids in reducing the chance of physical or infectious disease injury to the handler and the animal handled. Minimum-stress handling of farm and ranch animals raised for meat, milk, or fiber also aids the producer in being more humane and gaining greater profitability.

CRC Press
February 2019 : 408pp
Pb: 978-0-367-02832-9 : **£41.99**
Hb: 978-1-498-76193-2 : **£175**
eBook: 978-1-315-15331-5

* For full contents and more information, visit: www.routledge.com/9780367028329

Animal-centric Care and Management

Enhancing Refinement in Biomedical Research



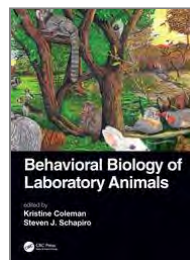
Edited by Dorte Bratbo Sørensen, Sylvie Cloutier, and Brianna N. Gaskill
Canadian Council on Animal Care, **Brianna N. Gaskill**

By establishing an animal-centric view on housing and management, this book takes Refinement a step beyond "elimination of inhumanities". Rather than fitting animals into experimental conditions, it aims to adjust conditions to better meet the needs and preferences of the animals. Expert authors address how to define and measure animal welfare, the importance and nature of human-animal interactions, and how to promote a culture of care. Species-specific chapters focus on animals most commonly used as experimental models. This interdisciplinary book hopes to act as a catalyst, resulting in multiple viewpoints collaborating to optimize laboratory animal welfare.

CRC Press
October 2020 : 204pp
Pb: 978-0-367-18083-6 : **£41.99**
Hb: 978-0-367-18102-4 : **£175**
eBook: 978-0-429-05954-4

* For full contents and more information, visit: www.routledge.com/9780367180836

Behavioral Biology of Laboratory Animals



Edited by Kristine Coleman OR National Primate Research Cntr. USA, **Steven J. Schapiro** The University of TX MD Anderson Cancer Cntr.

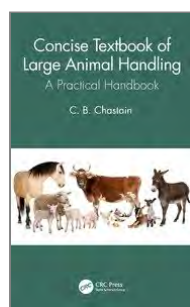
This 30-chapter volume informs students and professionals about the behavioral biology of animals commonly housed in laboratory and other captive settings. Each species evolved under specific environmental conditions, resulting in unique behavioral patterns, many of which are maintained in captivity even after generations of breeding. Understanding natural behavior is therefore a critical part of modern animal care practices. The descriptions, data, guidance, resources, and recommendations in this book will help the reader understand their animals better, refine the care and treatment that they receive, and improve their well-being, welfare, and wellness.

CRC Press
August 2021 : 560pp
Hb: 978-0-367-02923-4 : **£175**
eBook: 978-0-429-01951-7

* For full contents and more information, visit: www.routledge.com/9780367029234

Concise Textbook of Large Animal Handling

A Practical Handbook



C. B. Chastain Univ. of Missouri, College of Veterinary Medicine, Columbia, USA

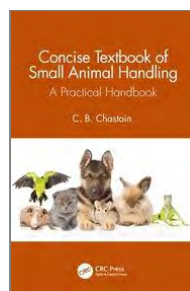
This concise, instructional guide condenses the most important aspects of large animal handling. It provides a portable, durable, beside-the-animal means of learning, as well as a convenient way to refresh on safety and efficacy in animal handling techniques. The text covers handler and animal safety, sanitation, approach and capture, routine handling and release, handling for medical procedures and use of restraint equipment. Important reading for undergraduate veterinary students on EMS rotations, as well as practicing veterinarians, technicians and assistants, the book covers species encountered in farm, equine and laboratory settings.

CRC Press
June 2023 : 322pp
Pb: 978-0-367-62809-3 : **£41.99**
Hb: 978-0-367-62812-3 : **£105**
eBook: 978-1-003-11091-0

* For full contents and more information, visit: www.routledge.com/9780367628093

Concise Textbook of Small Animal Handling

A Practical Handbook



C. B. Chastain Univ. of Missouri, College of Veterinary Medicine, Columbia, USA

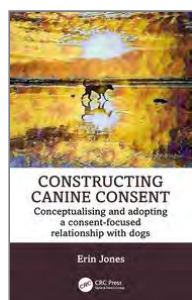
This instructional pocket reference condenses the most important aspects of small animal handling. It provides a portable, durable means of learning 'on the ground'. Spiralbound for practical use at the animal's side during veterinary placements in a clinic or laboratory, the text covers handler safety, animal safety, sanitation, approach and capture, handling for medical procedures and use and supply sources of restraint equipment. A Companion Website provides additional self-assessment questions and answers to aid learning. Important reading for undergraduate veterinary students as well as practicing technicians, nurses and assistants.

CRC Press
April 2022 : 242pp
Pb: 978-0-367-62813-0 : **£32.99**
Hb: 978-0-367-62814-7 : **£84.99**
eBook: 978-1-003-11092-7

* For full contents and more information, visit: www.routledge.com/9780367628130

Constructing Canine Consent

Conceptualising and adopting a consent-focused relationship with dogs



Erin Jones Merit Dog Training, NZ

Looking beyond species boundaries can help us not only consider concepts of canine consent and autonomy, but it can also help us to apply these concepts in our everyday interactions with them: fundamental for any professional working with dogs as well as everyday dog caregivers. This canine indexed definition of consent includes a model of five major categories: Touch/interaction-based consent, cooperative-care using learned consent behaviours, activity consent, consent-based learning, and substitutive consent. This book aims to merge the existing literature and new understandings about canine consent to paint a complete picture.

CRC Press
March 2024 : 138pp
Pb: 978-1-032-42159-9 : **£26.99**
Hb: 978-1-032-42167-4 : **£71.99**
eBook: 978-1-003-36145-9

* For full contents and more information, visit: www.routledge.com/9781032421599

Demystifying Dog Behaviour for the Veterinarian



Kendal Shepherd Royal College of Veterinary Surgeons

This practical guide for busy veterinarians demystifies canine behaviour while emphasising its importance. Authored by acclaimed veterinary behaviour consultant Kendal Shepherd, the book provides practical knowledge of dog behaviour and an understanding of how to talk about it with clients. Shepherd shows how this can enhance the relationship between owner and pet and between dog and environment as well as improve the vet's own sense of fulfilment and enjoyment of practice. Packed with anecdotes drawn from real-life cases, the principles can be effortlessly assimilated into the average consultation.

CRC Press
April 2021 : 216pp
Pb: 978-0-367-54991-6 : **£25.99**
Hb: 978-0-367-71639-4 : **£175**
eBook: 978-1-003-15303-0

* For full contents and more information, visit: www.routledge.com/9780367549916

Equine Behaviour in Practice

Understanding Horses and Treating Behaviour Problems



Debbie Busby

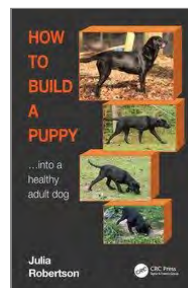
Combining an in-depth exploration of equine behaviour with clinical practice, Applied Equine Behaviour focuses not just on the horse's behaviour, but on the behaviour of the human interacting with the horse. It will equip readers with the understanding and skills to be effective equine behaviour consultants. Discussing how and why horses sometimes struggle to cope, this book explains how to consult on and treat a range of behaviour problems. It encourages readers to develop a critical biopsychosocial evaluation based on an understanding of how horses evolved, their ethological and physiological adaptations, how they learn, and how they can assess their welfare.

CRC Press
March 2025 : 256pp
Pb: 978-1-032-94714-3 : **£53.99**
Hb: 978-1-032-94715-0 : **£155**
eBook: 978-1-003-58139-0

* For full contents and more information, visit: www.routledge.com/9781032947143

How to Build a Puppy

Into a Healthy Adult Dog



Julia Robertson Galen Myotherapy, UK

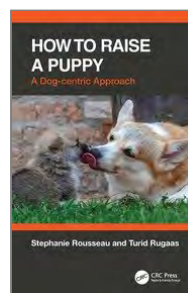
Using her world-renowned Galen Myotherapy Puppy Physical Development Plan®, Robertson suggests small but important changes to the way we look after puppies and growing dogs. Environment, exercise and activity habits have deep, ongoing effects and the book explores ways in which positive change can be integrated easily into our normal lives. A section on anatomy explains how everything fits together while practical exercises and activities help build good foundations. This book will help canine professionals better advise their clients, but also empower readers to ask more questions from their vet, breeder, or puppy trainer.

CRC Press
June 2022 : 288pp
Pb: 978-1-032-21520-4 : **£22.99**
Hb: 978-1-032-21521-1 : **£58.99**
eBook: 978-1-003-26878-9

* For full contents and more information, visit: www.routledge.com/9781032215204

How to Raise a Puppy

A Dog-centric Approach



Stephanie Rousseau, Turid Rugaas

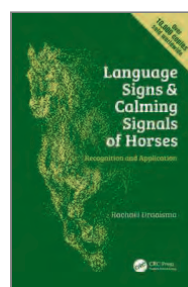
Drawing on research into how dogs naturally rear their young, and how dogs have evolved to behave and spend their time, How to Raise a Puppy supports a new way of sharing our lives with our dogs. It also offers advice on dealing with some of the common challenges people experience with puppies, and tips for managing adolescence. A much-needed resource for dog trainers, veterinarians and behaviourists to recommend to clients, this conveys a powerful message to help overcome all too common issues so many people have with their puppies. Packed with practical advice, it offers an overdue "puppy perspective", with respect for a dog as a sentient being at its core.

CRC Press
October 2022 : 172pp
Pb: 978-1-032-30449-6 : **£19.99**
Hb: 978-1-032-30450-2 : **£33.99**
eBook: 978-1-003-30515-6

* For full contents and more information, visit: www.routledge.com/9781032304496

Language Signs and Calming Signals of Horses

Recognition and Application



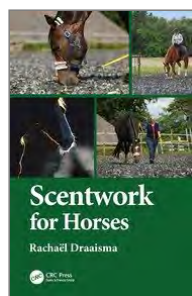
Rachaël Draaisma

This practical book helps you interpret and connect the physical signals that horses display in response to their environment. These signals are evident in the everyday actions, gestures and attitudes that horses communicate to each other, but are often so subtle that they can go unnoticed by humans. This book aims to rectify that, offering horse lovers and equine professionals an opportunity to gain a unique insight into their 'horse's world', allowing them to calm the horse before his stress rises to an unmanageable level.

CRC Press
October 2017 : 200pp
Hb: 978-1-138-07015-8 : **£33.99**
eBook: 978-1-315-26566-7

* For full contents and more information, visit: www.routledge.com/9781138070158

Scentwork for Horses



Rachael Draaisma

This is the first practical guide on how to implement scentwork into the lives of domesticated horses, enhancing behaviour, welfare and the human-animal bond. Draaisma demonstrates how scentwork improves the horse's learning abilities, development, socialisation and their bond with the handler, showing how to have your horse explore their environment, participate in scentwork games and follow a footstep track. Whether veterinarian, behaviourist, trainer, animal-assisted therapist, equine physiotherapist or horse owner, this book promises to bring both you and your horse enormous benefits.

CRC Press

December 2020 : 286pp

Pb: 978-0-367-53760-9 : **£32.99**

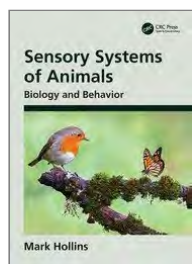
Hb: 978-0-367-55298-5 : **£84.99**

eBook: 978-1-003-09284-1

* For full contents and more information, visit: www.routledge.com/9780367537609

Sensory Systems of Animals

Biology and Behavior



Mark Hollins

The aim of this book is to provide a knowledge base and unifying perspective on the field that will enable beginning researchers to chart their own course within it. The emphasis throughout is on research, in both the behavioral/ethological and neuroscientific traditions, that has led to important discoveries. With over 500 references and 80 illustrations, this textbook is primary reading intended for advanced undergraduates and beginning graduate students of veterinary science, lab animal science, and zoology. It would also be of great interest to professionals and academics working with animals such as veterinary professionals and zookeepers.

CRC Press

October 2024 : 264pp

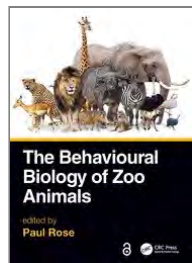
Pb: 978-1-032-42328-9 : **£49.99**

Hb: 978-1-032-42331-9 : **£130**

eBook: 978-1-003-36231-9

* For full contents and more information, visit: www.routledge.com/9781032423289

The Behavioural Biology of Zoo Animals



Edited by **Paul Rose** Exeter Univ.

This is the first book on captive animal behaviour and how this applies to welfare. The book enables all aspects of zoo husbandry and management (nutrition, enclosure design, handling and training, enrichment, population management) to be based on a sound knowledge of the species, its evolutionary and natural history. Chapters from expert authors cover a vast range of taxa, from primates and elephants to marine mammals and freshwater fish, to reptiles, birds and invertebrates. It explains how evidence from the wild can be implemented into captive care to support the wider aims of the zoo (conservation, education, research and recreation).

CRC Press

November 2022 : 367pp

Pb: 978-1-032-07716-1 : **£57.99**

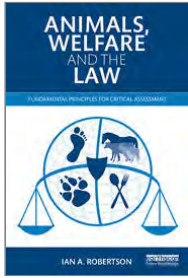
Hb: 978-1-032-07719-2 : **£150**

eBook: 978-1-003-20847-1

* For full contents and more information, visit: www.routledge.com/9781032077161

Animals, Welfare and the Law

Fundamental Principles for Critical Assessment



Ian A. Robertson

In this objective, practical and authoritative introductory text the author reveals how the fundamental principles of the human-animal relationship drive the development of animal law. The author identifies 29 key principles which constitute the core knowledge necessary for informing animal welfare law. The book also considers animal welfare and law in the context of a global market through discussion of common issues such as climate change, biosecurity, food safety and food supply. It book combines insights from science, ethics and law to provide an essential understanding of what informs society and the law with regards to animals and their welfare.

Routledge

July 2015 : 300pp

Pb: 978-0-415-53563-2 : **£47.99**

Hb: 978-0-415-53562-5 : **£165**

eBook: 978-0-203-11231-1

* For full contents and more information, visit: www.routledge.com/9780415535632

Feeding Horses

An Evidence-Based Approach to Equine Nutrition



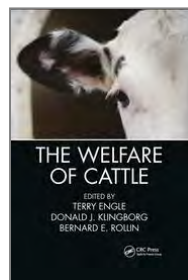
Gulsah Kaya Karasu Van Hall Larenstein Univ., **Peter Huntington** Kentucky Equine Research Australasia

This concise handbook provides evidence-based, practical horse nutrition, accessible to all readers. Standing out from very dense, theoretical and practical horse nutrition books, it arms equine students, veterinary students and horse owners with practically applicable information, bringing theory and practice together. Divided into four parts, the book covers the horse's digestive system, types of feeds, formulating rations and nutrition-related health disorders. Its scientifically validated, practical information will be invaluable for horse owners, students and trainers, equine nutritionists and practitioners within the equine industry.

CRC Press
March 2025 : 190pp
Pb: 978-1-032-45925-7 : **£49.99**
Hb: 978-1-032-45939-4 : **£140**

* For full contents and more information, visit: www.routledge.com/9781032459257

The Welfare of Cattle



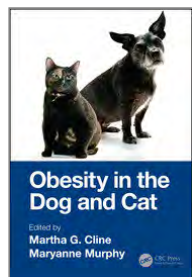
Edited by **Terry Engle**, **Donald J. Klingborg, DVM** School of Veterinary Medicine, University of California, Davis, USA, **Bernard E. Rollin** Colorado State University, Fort Collins, USA

The Welfare of Cattle offers an accurate, detailed account of the ethical and welfare concerns related to the human use of cattle. Covering both beef and dairy cattle, it provides in-depth information on the husbandry roots of traditional agriculture, the replacement of this system by an industrial model, and the resulting welfare challenges associated with feedlots, highly industrialized dairies, and slaughterhouses killing huge numbers of animals who have been transported great distances.

CRC Press
March 2020 : 368pp
Pb: 978-0-367-89349-1 : **£58.99**
Hb: 978-1-138-19706-0 : **£165**
eBook: 978-1-315-28245-9

* For full contents and more information, visit: www.routledge.com/9780367893491

Obesity in the Dog and Cat



Edited by **Martha G. Cline** Red Bank Veterinary Hospital, Tinton Falls, New Jersey, USA, **Maryanne Murphy** University of Tennessee

A complete, balanced diet is one of the fundamental aspects to optimizing health and longevity in companion animals, yet obesity in dogs and cats is becoming a major problem. This book provides a comprehensive review of obesity in small animal medicine with clinical application to veterinarians seeking to provide weight management services in practice. With multiple authors from both academic and practice backgrounds, the chapters cover topics ranging from epidemiology and pathophysiology of obesity to evaluation of body composition, and nutritional and behavioural management, as well as role of exercise in managing obesity. Case studies demonstrate these topics in practice.

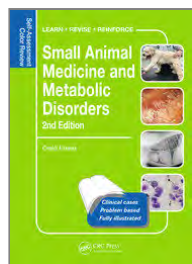
CRC Press
May 2019 : 234pp
Pb: 978-1-498-74147-7 : **£43.99**
Hb: 978-0-367-20520-1 : **£165**
eBook: 978-1-315-15162-5

* For full contents and more information, visit: www.routledge.com/9781498741477

2ND EDITION

Small Animal Medicine and Metabolic Disorders

Self-Assessment Color Review



Edited by **Craig Ruaux** Massey University, Institute of Veterinary and Biomedical Sciences, Palmerston North, New Zealand

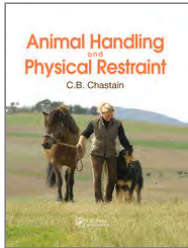
Series: **Veterinary Self-Assessment Color Review Series**

Nearly 20 years after Bryn Tennant's first edition, this new update covers all aspects of diseases and disorders and affecting organs of the abdominal cavity and the endocrine/metabolic system in a case-based format. Responding to advances in imaging technology, digital radiography and high-resolution ultrasonography as well as the growth in specialised diagnostic tests for many diseases, editor Craig Ruaux brings together a wide variety of new cases. These cases cover a wide spectrum of metabolic, endocrine, immune-mediated, inflammatory and infectious diseases and range in difficulty. They are presented in random order, as they would appear in everyday practice.

CRC Press
February 2019 : 288pp
Pb: 978-1-138-03572-0 : **£41.99**
Hb: 978-1-138-39243-4 : **£180**
eBook: 978-0-429-40172-5

* For full contents and more information, visit: www.routledge.com/9781138035720

Animal Handling and Physical Restraint



C. B. Chastain Univ. of Missouri, College of Veterinary Medicine, Columbia, USA

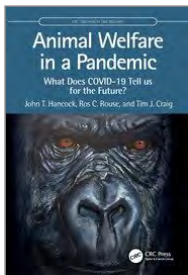
The aim of the book is to prepare future or current veterinarians and veterinary technologists, technicians/nurses, and assistants to be able to handle animals more safely, gain the confidence of animals and their owners, and instruct owners in proper animal handling methods. No handling or restraint of animals is without risk, but proper animal handling and restraint aids in reducing the chance of physical or infectious disease injury to the handler and the animal handled. Minimum-stress handling of farm and ranch animals raised for meat, milk, or fiber also aids the producer in being more humane and gaining greater profitability.

CRC Press
February 2019 : 408pp
Pb: 978-0-367-02832-9 : **£41.99**
Hb: 978-1-498-76193-2 : **£175**
eBook: 978-1-315-15331-5

* For full contents and more information, visit: www.routledge.com/9780367028329

Animal Welfare in a Pandemic

What Does COVID-19 Tell us for the Future?



John T. Hancock UWE Bristol, **Ros C. Rouse** UWE Bristol, **Tim J. Craig** UWE Bristol

Series: *CRC One Health One Welfare*

This book explores the impact of COVID-19 on a wide array of animals, from those in the wild to companion and captive animals. During the height of the pandemic, a range of animals were infected, and many died, but this was hard to predict, even using up-to-date bioinformatics. Some of the vast amount of personal protection equipment (PPE) that was distributed was discarded, creating both dangers and occasional opportunities for wild animals. With the rollout of human vaccines, some countries started to develop animal vaccines, only some of which were deployed.

CRC Press
April 2024 : 250pp
Pb: 978-1-032-52109-1 : **£47.99**
Hb: 978-1-032-54734-3 : **£125**
eBook: 978-1-003-42725-4

* For full contents and more information, visit: www.routledge.com/9781032521091

Animal Welfare Science

An Interdisciplinary Guide



Tina Rich, **Emily Patterson-Kane**

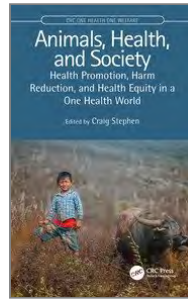
From blue skies scientists to front line animal rescue, there is a need for this textbook which distills and interprets the core concepts and language of animal welfare science. Coverage includes the main theories and why we needed them, practical advice for how to assess animal welfare, illustrative examples of different species and the importance of their interactions, and the stresses and strains experienced across an increasingly diverse workforce. Foundational knowledge is combined with real-world examples and recent advances to communicate the content and spirit of this unique field. Sidebars, boxes, bullet points, tables, and copious color illustrations aid accessibility.

CRC Press
June 2025 : 250pp
Pb: 978-1-032-44636-3 : **£79.99**
Hb: 978-1-032-45112-1 : **£96.99**

* For full contents and more information, visit: www.routledge.com/9781032446363

Animals, Health, and Society

Health Promotion, Harm Reduction, and Health Equity in a One Health World



Edited by **Craig Stephen**

Series: *CRC One Health One Welfare*

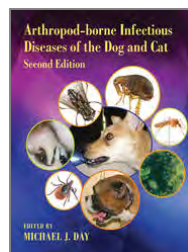
This timely book promotes the positive contributions made to health across species, showing the reader situations wherein we can all, regardless of our job description, work across species, sectors and generations to motivate action. Case studies demonstrate that the principles and practices presented are feasible, empowering people to make choices that concurrently benefit the health of animals, societies and ecosystems. This is necessary reading for students and practitioners in planetary health, conservation, eco-health, health promotion, veterinary medicine and animal welfare.

CRC Press
December 2020 : 352pp
Pb: 978-0-367-33622-6 : **£84.99**
Hb: 978-0-367-64260-0 : **£215**
eBook: 978-0-429-32087-3

* For full contents and more information, visit: www.routledge.com/9780367336226

2ND EDITION

Arthropod-borne Infectious Diseases of the Dog and Cat



Edited by **Michael J. Day**

This book is an invaluable resource for information on the clinical presentation, pathogenesis, diagnosis and treatment of major arthropod-transmitted diseases of dogs and cats. Illustrated in colour throughout, the book incorporates photographs of clinical cases, haematology, cytology and gross and microscopic pathology, which help understand the diagnosis and treatment of these diseases. The book goes beyond just covering the diseases themselves and also provides information on the arthropods that transmit them. With the effects of climate change and increasing international pet travel, this book will be a valuable addition to every small animal practitioner's library.

CRC Press
June 2020 : 232pp
Pb: 978-0-367-57493-2 : **£45.99**
Hb: 978-1-498-70824-1 : **£175**
eBook: 978-0-429-06815-7

* For full contents and more information, visit: www.routledge.com/9780367574932

Biosecurity

A Systems Perspective



Edited by **Susan M Hester** UNE Business School, University of New England, Australia, **Lucie M Bland**, **Edith Arndt** University of Melbourne, Parkville, Australia, **Sana Bau**, **James S Camac** University of Melbourne, Australia, **Evelyn Mannix**, **Raphael Trouve**, **Andrew P Robinson**

Biosecurity: A Systems Perspective provides an overview of biosecurity as a system of related components, actors and risks. This book — directed to the biosecurity practitioner, generalist scientist and student — introduces overall features of the biosecurity system while walking the reader through the most up-to-date research on each step of the continuum (i.e. pre-border, border and post-border activities). This book, which explicitly incorporates economic and social dimensions as well as varied decision-making contexts, paves the way for a more systemic approach to biosecurity risk management.

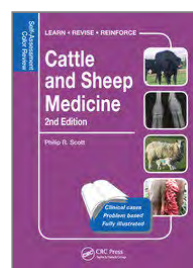
CRC Press
July 2024 : 278pp
Pb: 978-1-032-18169-1 : **£63.99**
Hb: 978-1-032-18168-4 : **£165**
eBook: 978-1-003-25320-4

* For full contents and more information, visit: www.routledge.com/9781032181691

2ND EDITION

Cattle and Sheep Medicine

Self-Assessment Color Review

**Phillip Scott***Series: Veterinary Self-Assessment Color Review Series*

The new edition incorporates over 250 new clinical cases divided equally between cattle and sheep. The cases appear randomly to reflect real life practice and are presented as a set of integrated questions, photographs and detailed explanatory answers—to educate and not just to test. New images have been added for all cases and multiple choice questions are included for revision purposes. The diagnosis and treatment regimens described are those used by the author over the past 38 years in commercial large animal practice. They acknowledge the time and financial restrictions that occur in many situations, but require no specialised facilities or equipment.

CRC Press

June 2016 : 344pp

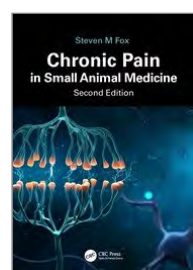
Pb: 978-1-498-74737-0 : **£41.99**

eBook: 978-0-429-09156-8

* For full contents and more information, visit: www.routledge.com/9781498747370

2ND EDITION

Chronic Pain in Small Animal Medicine

**Steven M. Fox** SECUROS - a division of MWI, Clive, Iowa, USA

Over the past decade, many advances have been made in the discipline of pain management, including embracement under the One Medicine initiative to improve the health and well-being of multiple species. Contributing significantly to this progress is the evidence base provided by multimodal management of chronic diseases such as osteoarthritis, a leading cause of pet euthanasia. These advances are explored in this updated edition, which goes beyond common protocols by focusing on the latest evidence and our understanding of 'why and how to treat'.

CRC Press

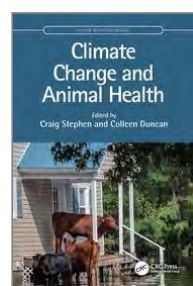
August 2023 : 294pp

Pb: 978-1-032-45144-2 : **£81.99**Hb: 978-1-032-45316-3 : **£210**

eBook: 978-1-003-37642-2

* For full contents and more information, visit: www.routledge.com/9781032451442

Climate Change and Animal Health

*Edited by* **Craig Stephen** McEachran Institute, Canada, **Colleen Duncan** Colorado State Univ.*Series: CRC One Health One Welfare*

This benchmark publication brings together information on the current and anticipated effects of climate change on animal health. It empowers educators, managers, practitioners, and researchers by providing evidence, experience, and opinions on what we need to do to prepare for, and cope with, the largest threat ever to have faced animals on this planet. After introducing animal health in a climate change context, chapters look at specific animal health impacts arising from climate change. The book concludes with suggestions on teachable and actionable ideas that could be used to mobilize concepts provided into education or advocacy.

CRC Press

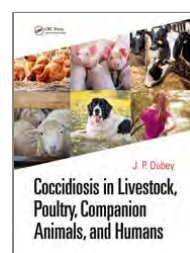
November 2022 : 334pp

Pb: 978-0-367-71201-3 : **£46.99**Hb: 978-0-367-71202-0 : **£130**

eBook: 978-1-003-14977-4

* For full contents and more information, visit: www.routledge.com/9780367712013

Coccidiosis in Livestock, Poultry, Companion Animals, and Humans

*Edited by* **J. P. Dubey**

Despite an explosion of research in the last 40 years, there has been no new book published discussing conventional coccidiosis for more than 25 years. This comprehensive review therefore answers an urgent need for a book dealing exclusively with conventional coccidia (*Eimeria* and *Isospora*). It provides concise, authoritative, up to date information on coccidiosis, with particular attention to research in the last 28 years

CRC Press

June 2022 : 396pp

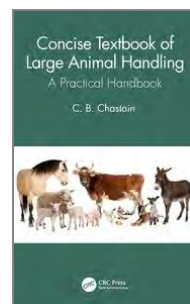
Pb: 978-1-032-33759-3 : **£45.99**Hb: 978-0-367-26592-2 : **£175**

eBook: 978-0-429-29410-5

* For full contents and more information, visit: www.routledge.com/9781032337593

Concise Textbook of Large Animal Handling

A Practical Handbook

**C. B. Chastain** Univ. of Missouri, College of Veterinary Medicine, Columbia, USA

This concise, instructional guide condenses the most important aspects of large animal handling. It provides a portable, durable, beside-the-animal means of learning, as well as a convenient way to refresh on safety and efficacy in animal handling techniques. The text covers handler and animal safety, sanitation, approach and capture, routine handling and release, handling for medical procedures and use of restraint equipment. Important reading for undergraduate veterinary students on EMS rotations, as well as practicing veterinarians, technicians and assistants, the book covers species encountered in farm, equine and laboratory settings.

CRC Press

June 2023 : 322pp

Pb: 978-0-367-62809-3 : **£41.99**Hb: 978-0-367-62812-3 : **£105**

eBook: 978-1-003-11091-0

* For full contents and more information, visit: www.routledge.com/9780367628093

Demystifying Dog Behaviour for the Veterinarian

**Kendal Shepherd** Royal College of Veterinary Surgeons

This practical guide for busy veterinarians demystifies canine behaviour while emphasising its importance. Authored by acclaimed veterinary behaviour consultant Kendal Shepherd, the book provides practical knowledge of dog behaviour and an understanding of how to talk about it with clients. Shepherd shows how this can enhance the relationship between owner and pet and between dog and environment as well as improve the vet's own sense of fulfilment and enjoyment of practice. Packed with anecdotes drawn from real-life cases, the principles can be effortlessly assimilated into the average consultation.

CRC Press

April 2021 : 216pp

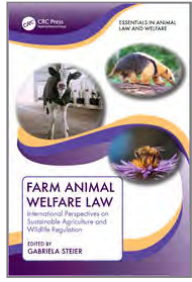
Pb: 978-0-367-54991-6 : **£25.99**Hb: 978-0-367-71639-4 : **£175**

eBook: 978-1-003-15303-0

* For full contents and more information, visit: www.routledge.com/9780367549916

Farm Animal Welfare Law

International Perspectives on Sustainable Agriculture and Wildlife Regulation



Edited by **Gabriela Steier** Northeastern Univ.

Series: *Essentials in Animal Law and Welfare*

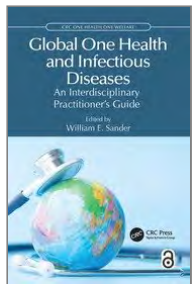
Introducing the various aspects of international farm animal protection and wildlife conservation through the lenses of food safety and environmental protection law, Farm Animal Welfare Law provides a primer for law school courses and masters' programs, for practitioners, advocates, and animal enthusiasts alike. Animal welfare and biodiversity conservation sit at the core of the selected chapters, each one providing real-world examples to make the complex field easy to understand. Current developments including food safety modernization, block chain, and COVID-19 considerations, are addressed head-on.

CRC Press
August 2023 : 400pp
Pb: 978-0-367-68476-1 : **£41.99**
Hb: 978-0-367-68477-8 : **£105**
eBook: 978-1-003-13773-3

* For full contents and more information, visit: www.routledge.com/9780367684761

Global One Health and Infectious Diseases

An Interdisciplinary Practitioner's Guide



Edited by **William E. Sander** University of Illinois

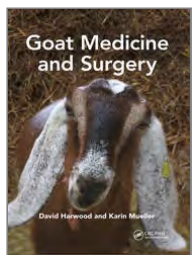
Series: *CRC One Health One Welfare*

Through the lens of infectious disease, this book brings together the diverse range of topics necessary to be an effective global health practitioner at the intersection of human and animal health, particularly in developing countries. It explores what a practitioner should be aware of when working with infectious diseases globally, including technical skills, cultural competency, capacity building and big data. An important reference for upper-level undergraduate students, graduate students, and early practitioners in human, animal, and public health, this text highlights the competencies rather than focusing on the problems in Global One Health.

CRC Press
January 2025 : 404pp
Pb: 978-1-032-14067-4 : **£61.99**
Hb: 978-1-032-14074-2 : **£175**

* For full contents and more information, visit: www.routledge.com/9781032140674

Goat Medicine and Surgery



David Harwood BVetMed, FRCVS Chairman, GVS; Hon Vet Surgeon, BGS; Visiting Reader in Vet Field Pathology, Dept of Pathology and Infectious Diseases, School of Vet Medicine, University of Surrey, **Karin Mueller** MVSc DCHP DipECBM MRCVS Senior Lecturer, Institute of Veterinary Science, University of Liverpool; RCVS and European Diplomate & Specialist in Cattle / Bovine Health

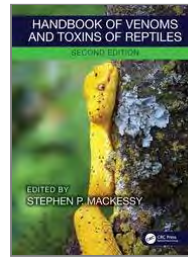
Goat Medicine and Surgery describes key diseases encountered in general practice along with their diagnoses, treatment, prognoses, and control. The book is divided into chapters covering each body system. Diseases and disorders are included with the common differential diagnoses followed by the specific diagnosis and recommended treatment(s). In addition the book covers basic anatomy, commons breeds, and husbandry. The book will be invaluable to veterinarians in practice and training, animal scientists and agricultural advisors, and scientists interested in animal welfare.

CRC Press
March 2020 : 392pp
Pb: 978-0-367-89342-2 : **£58.99**
Hb: 978-1-498-74863-6 : **£165**
eBook: 978-1-315-15223-3

* For full contents and more information, visit: www.routledge.com/9780367893422

2ND EDITION

Handbook of Venoms and Toxins of Reptiles



Edited by **Stephen P. Mackessy** University of Northern Colorado, Greeley, CO, USA

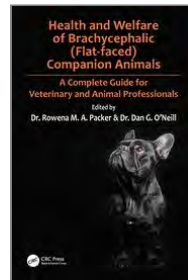
A decade after publication of the first edition, this handbook responds to extensive changes in the field of toxinology to endure as the most comprehensive review of reptile venoms on the market. The six sections of this new edition, which has nearly doubled in size, complement the original handbook by presenting current information from many of the leading researchers and physicians in toxinology, with topics ranging from functional morphology, evolution and ecology to crystallography, -omics technologies and more. The section on snakebite now includes several chapters dealing with the problem broadly and with new technologies.

CRC Press
May 2021 : 680pp
Hb: 978-0-367-14974-1 : **£175**
eBook: 978-0-429-05420-4

* For full contents and more information, visit: www.routledge.com/9780367149741

Health and Welfare of Brachycephalic (Flat-faced) Companion Animals

A Complete Guide for Veterinary and Animal Professionals



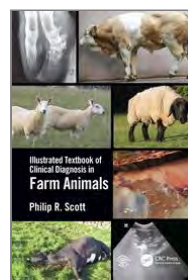
Edited by **Rowena Packer** The Royal Veterinary College, **Dan O'Neill** The Royal Veterinary College

Health and welfare issues relating to brachycephalic (flat-faced) dogs are now one of the most pressing problems facing companion animals. This book aims to equip veterinary professionals, animal welfare scientists, dog breeders and the interested owner with the full story about brachycephalic health and welfare. Cutting-edge knowledge is provided on a range of disciplines including anaesthesia, ophthalmology, dermatology, respiratory disease, neurological, dental, reproduction and weight control. The book offers substantial practical advice for veterinary teams on welfare and ethical issues around choosing, owning and caring for brachycephalic dogs to share with clients.

CRC Press
August 2021 : 418pp
Pb: 978-0-367-20724-3 : **£41.99**
Hb: 978-0-367-20741-0 : **£96.99**
eBook: 978-0-429-26323-1

* For full contents and more information, visit: www.routledge.com/9780367207243

Illustrated Textbook of Clinical Diagnosis in Farm Animals



Philip R Scott Edinburgh Veterinary School

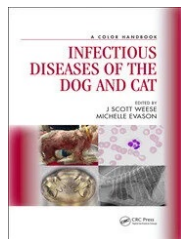
Providing veterinary students with a brand-new approach to large animal medicine, this portable textbook first describes the detailed examination of each organ system achievable on the farm, illustrated via 2000+ unique images and 1000+ video recordings. Key points, images and video recordings then provide differential diagnoses for common farm animal clinical presentations. The repository of video clips show the clinical presentation, diagnosis, recovery or pathology of all common disorders. Small and spiral-bound, the book offers a lifeline for veterinary students during their EMS (extra-mural studies) placements.

CRC Press
August 2022 : 414pp
Pb: 978-0-367-61270-2 : **£58.99**
Hb: 978-1-032-19750-0 : **£155**
eBook: 978-1-003-10645-6

* For full contents and more information, visit: www.routledge.com/9780367612702

Infectious Diseases of the Dog and Cat

A Color Handbook



Edited by **J Scott Weese, Michelle Evason**

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.

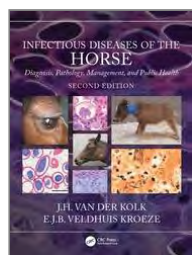
Routledge
May 2023 : 328pp
Pb: 978-1-032-57010-5 : **£48.99**
Hb: 978-1-498-77551-9 : **£125**
eBook: 978-0-429-18664-6

* For full contents and more information, visit: www.routledge.com/9781032570105

2ND EDITION

Infectious Diseases of the Horse

Diagnosis, pathology, management, and public health



J.H. van der Kolk Utrecht Univ., **E.J.B. Veldhuis Kroeze** Erasmus Univ. Med. Centre

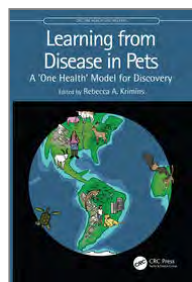
This comprehensive yet practical book about established infectious diseases of horses is categorized according to the different pathogens. The majority of equine infectious diseases caused by microbes and parasites are covered - bacterial, viral, protozoan, fungal, ectoparasitic and helminthic. Practical Appendices contain a list of differential diagnoses based on clinical signs to support clinical decision-making, a list of zoonoses and reportable diseases, and illustrations of clinical pathology and hematology. This is a valuable resource for all veterinary practitioners, scientists, students, technicians and nurses working with horses.

CRC Press
December 2022 : 370pp
Hb: 978-1-032-05428-5 : **£160**
eBook: 978-1-003-19754-6

* For full contents and more information, visit: www.routledge.com/9781032054285

Learning from Disease in Pets

A 'One Health' Model for Discovery



Edited by **Rebecca A. Krimins** Johns Hopkins University

Series: *CRC One Health One Welfare*

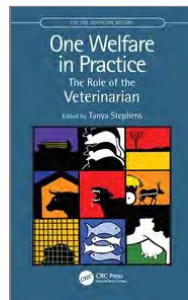
This is the first encompassing guide for veterinarians, researchers and physicians on conducting studies using spontaneous models of disease in animals. Using clinical trials to learn how pets with real disease respond to therapy can lead to breakthroughs in human medicine, as well as benefiting pets suffering from otherwise debilitating illness. The book details how to design a robust clinical study, encouraging veterinarians to build on and disseminate findings. It discusses communication styles, the ethics of using pets in veterinary clinical research, diseases that occur in animals and man, and regulatory requirements.

CRC Press
November 2020 : 306pp
Pb: 978-0-367-17310-4 : **£84.99**
Hb: 978-0-367-17316-6 : **£215**
eBook: 978-0-429-05617-8

* For full contents and more information, visit: www.routledge.com/9780367173104

One Welfare in Practice

The Role of the Veterinarian



Edited by **Tanya Stephens** Haberfield Veterinary Hospital

Series: *CRC One Health One Welfare*

The book demonstrates, through a wide range of international case studies, why professional ethics and the use of good evidence is integral to this role. One Welfare in Practice: The Role of the Veterinarian emphasises the importance of interdisciplinary collaboration and solutions. It is essential that veterinary practitioners recognise when other professionals need to be consulted to benefit both animals and humans. With its multiple, fascinating approaches to One Welfare, this book will inform and inspire the veterinarian to find areas where collaborative action reaps the greatest rewards. This unique book shows how veterinarians can improve animal and human welfare.

CRC Press
October 2021 : 414pp
Pb: 978-0-367-90406-7 : **£45.99**
Hb: 978-1-032-11078-3 : **£110**
eBook: 978-1-003-21833-3

* For full contents and more information, visit: www.routledge.com/9780367904067

Pig Health

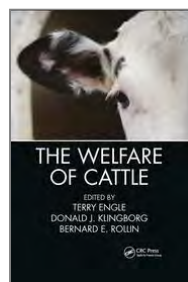


John Carr, Shih-Ping Chen, Joseph F. Connor Carthage Veterinary Services Ltd., Illinois, USA, **Roy Kirkwood, Joaquim Segalés** Autonomous University of Barcelona, Spain

Maintaining the health of pigs is vital in pig farming and production. This new book written by experts from around the world focuses on the health of pigs, first with coverage of the diseases organized by body system and then with coverage of health maintenance. The book includes over 1,500 high-quality illustrations which, where appropriate, enhance the clinical description. Clinical examination of the individual pig and groups are covered along with environmental medicine.

CRC Press
March 2020 : 512pp
Pb: 978-0-367-89340-8 : **£58.99**
Hb: 978-1-498-70472-4 : **£165**
eBook: 978-1-315-15706-1
* For full contents and more information, visit: www.routledge.com/9780367893408

The Welfare of Cattle



Edited by **Terry Engle, Donald J. Klingborg, DVM** School of Veterinary Medicine, University of California, Davis, USA, **Bernard E. Rollin** Colorado State University, Fort Collins, USA

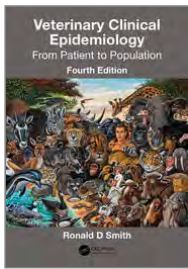
The Welfare of Cattle offers an accurate, detailed account of the ethical and welfare concerns related to the human use of cattle. Covering both beef and dairy cattle, it provides in-depth information on the husbandry roots of traditional agriculture, the replacement of this system by an industrial model, and the resulting welfare challenges associated with feedlots, highly industrialized dairies, and slaughterhouses killing huge numbers of animals who have been transported great distances.

CRC Press
March 2020 : 368pp
Pb: 978-0-367-89349-1 : **£58.99**
Hb: 978-1-138-19706-0 : **£165**
eBook: 978-1-315-28245-9
* For full contents and more information, visit: www.routledge.com/9780367893491

4TH EDITION

Veterinary Clinical Epidemiology

From Patient to Population



Ronald D. Smith University of Illinois College of Veterinary Medicine, Urbana, USA

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 includes self-evaluation questions based on edited clinical research abstracts of online full-text reports, providing a template for student evaluation. The updated book includes guidelines for improving patient and population health outcomes, and detecting emerging diseases through systematic evaluation of patient encounters and electronic medical records.

CRC Press

October 2019 : 272pp

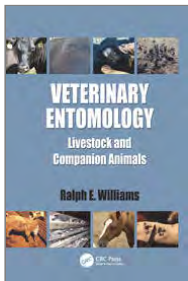
Pb: 978-1-138-39242-7 : **£84.99**Hb: 978-1-138-39298-4 : **£215**

eBook: 978-0-429-40219-7

* For full contents and more information, visit: www.routledge.com/9781138392427

Veterinary Entomology

Livestock and Companion Animals



Ralph E. Williams Purdue University, West Lafayette, Indiana, USA

The first modern text dedicated to veterinary entomology, this work identifies those insects and related arthropods affecting the well being of livestock and companion animals. It provides detailed information on the problems they cause, while also offering guidelines on recommended pest management practices with a special emphasis on current trends and technology. The book covers cattle, swine, sheep and goats, poultry, pet animals, and horses. Written by a leading expert, this book is an excellent resource for all those involved with the handling and research of livestock and companion animals, as well as students in entomology, agricultural, and veterinarian science.

CRC Press

May 2017 : 376pp

Pb: 978-1-138-11818-8 : **£76.99**Hb: 978-1-420-06849-8 : **£195**

eBook: 978-0-429-18433-8

* For full contents and more information, visit: www.routledge.com/9781138118188

A Professional's Guide to Feline Behaviour

Understanding, Improving and Resolving Problems



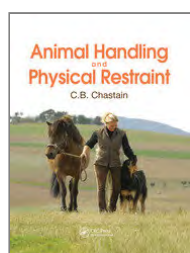
Caroline Clark Clinical Animal Behaviorist

A Professional's Guide to Feline Behaviour is an invaluable resource for veterinarians, shelter workers, behaviourist and others working cats, while being accessible to anyone who shares their life with a cat and wants to gain a deeper understanding of their behaviour. It offers a greater understanding of cats and how to meet their needs, explains how to deal with challenges that cats face and how to analyse feline behaviour accurately, with a view to designing a tailored behaviour modification plan. Real-life case studies, accompanied with behaviour plans that integrate clinically proven methods, help manage or resolve a range of behaviour issues.

CRC Press
October 2024 : 332pp
Pb: 978-1-032-17199-9 : **£36.99**
Hb: 978-1-032-17204-0 : **£99.99**
eBook: 978-1-003-25224-5

* For full contents and more information, visit: www.routledge.com/9781032171999

Animal Handling and Physical Restraint



C. B. Chastain Univ. of Missouri, College of Veterinary Medicine, Columbia, USA

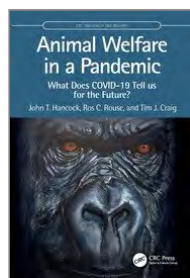
The aim of the book is to prepare future or current veterinarians and veterinary technologists, technicians/nurses, and assistants to be able to handle animals more safely, gain the confidence of animals and their owners, and instruct owners in proper animal handling methods. No handling or restraint of animals is without risk, but proper animal handling and restraint aids in reducing the chance of physical or infectious disease injury to the handler and the animal handled. Minimum-stress handling of farm and ranch animals raised for meat, milk, or fiber also aids the producer in being more humane and gaining greater profitability.

CRC Press
February 2019 : 408pp
Pb: 978-0-367-02832-9 : **£41.99**
Hb: 978-1-498-76193-2 : **£175**
eBook: 978-1-315-15331-5

* For full contents and more information, visit: www.routledge.com/9780367028329

Animal Welfare in a Pandemic

What Does COVID-19 Tell us for the Future?



John T. Hancock UWE Bristol, **Ros C. Rouse** UWE Bristol, **Tim J. Craig** UWE Bristol

Series: *CRC One Health One Welfare*

This book explores the impact of COVID-19 on a wide array of animals, from those in the wild to companion and captive animals. During the height of the pandemic, a range of animals were infected, and many died, but this was hard to predict, even using up-to-date bioinformatics. Some of the vast amount of personal protection equipment (PPE) that was distributed was discarded, creating both dangers and occasional opportunities for wild animals. With the rollout of human vaccines, some countries started to developed animal vaccines, only some of which were deployed.

CRC Press
April 2024 : 250pp
Pb: 978-1-032-52109-1 : **£47.99**
Hb: 978-1-032-54734-3 : **£125**
eBook: 978-1-003-42725-4

* For full contents and more information, visit: www.routledge.com/9781032521091

Animal Welfare Science

An Interdisciplinary Guide



Tina Rich, Emily Patterson-Kane

From blue skies scientists to front line animal rescue, there is a need for this textbook which distils and interprets the core concepts and language of animal welfare science. Coverage includes the main theories and why we needed them, practical advice for how to assess animal welfare, illustrative examples of different species and the importance of their interactions, and the stresses and strains experienced across an increasingly diverse workforce. Foundational knowledge is combined with real-world examples and recent advances to communicate the content and spirit of this unique field. Sidebars, boxes, bullet points, tables, and copious color illustrations aid accessibility.

CRC Press
June 2025 : 250pp
Pb: 978-1-032-44636-3 : **£79.99**
Hb: 978-1-032-45112-1 : **£96.99**

* For full contents and more information, visit: www.routledge.com/9781032446363

Animal-centric Care and Management

Enhancing Refinement in Biomedical Research



Edited by Dorte Bratbo Sørensen, Sylvie Cloutier
Canadian Council on Animal Care, **Brianna N. Gaskill**

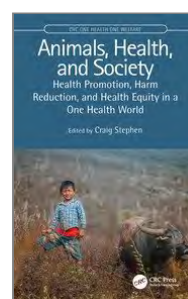
By establishing an animal-centric view on housing and management, this book takes Refinement a step beyond "elimination of inhumanities". Rather than fitting animals into experimental conditions, it aims to adjust conditions to better meet the needs and preferences of the animals. Expert authors address how to define and measure animal welfare, the importance and nature of human-animal interactions, and how to promote a culture of care. Species-specific chapters focus on animals most commonly used as experimental models. This interdisciplinary book hopes to act as a catalyst, resulting in multiple viewpoints collaborating to optimize laboratory animal welfare.

CRC Press
October 2020 : 204pp
Pb: 978-0-367-18083-6 : **£41.99**
Hb: 978-0-367-18102-4 : **£175**
eBook: 978-0-429-05954-4

* For full contents and more information, visit: www.routledge.com/9780367180836

Animals, Health, and Society

Health Promotion, Harm Reduction, and Health Equity in a One Health World



Edited by Craig Stephen

Series: *CRC One Health One Welfare*

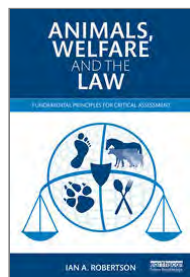
This timely book promotes the positive contributions made to health across species, showing the reader situations wherein we can all, regardless of our job description, work across species, sectors and generations to motivate action. Case studies demonstrate that the principles and practices presented are feasible, empowering people to make choices that concurrently benefit the health of animals, societies and ecosystems. This is necessary reading for students and practitioners in planetary health, conservation, eco-health, health promotion, veterinary medicine and animal welfare.

CRC Press
December 2020 : 352pp
Pb: 978-0-367-33622-6 : **£84.99**
Hb: 978-0-367-64260-0 : **£215**
eBook: 978-0-429-32087-3

* For full contents and more information, visit: www.routledge.com/9780367336226

Animals, Welfare and the Law

Fundamental Principles for Critical Assessment



Ian A. Robertson

In this objective, practical and authoritative introductory text the author reveals how the fundamental principles of the human-animal relationship drive the development of animal law. The author identifies 29 key principles which constitute the core knowledge necessary for informing animal welfare law. The book also considers animal welfare and law in the context of a global market through discussion of common issues such as climate change, biosecurity, food safety and food supply. It book combines insights from science, ethics and law to provide an essential understanding of what informs society and the law with regards to animals and their welfare.

Routledge

July 2015 : 300pp

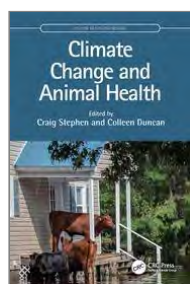
Pb: 978-0-415-53563-2 : **£47.99**

Hb: 978-0-415-53562-5 : **£165**

eBook: 978-0-203-11231-1

* For full contents and more information, visit: www.routledge.com/9780415535632

Climate Change and Animal Health



Edited by **Craig Stephen** McEachran Institute, Canada,
Colleen Duncan Colorado State Univ.

Series: *CRC One Health One Welfare*

This benchmark publication brings together information on the current and anticipated effects of climate change on animal health. It empowers educators, managers, practitioners, and researchers by providing evidence, experience, and opinions on what we need to do to prepare for, and cope with, the largest threat ever to have faced animals on this planet. After introducing animal health in a climate change context, chapters look at specific animal health impacts arising from climate change. The book concludes with suggestions on teachable and actionable ideas that could be used to mobilize concepts provided into education or advocacy.

CRC Press

November 2022 : 334pp

Pb: 978-0-367-71201-3 : **£46.99**

Hb: 978-0-367-71202-0 : **£130**

eBook: 978-1-003-14977-4

* For full contents and more information, visit: www.routledge.com/9780367712013

Concise Textbook of Large Animal Handling

A Practical Handbook



C. B. Chastain Univ. of Missouri, College of Veterinary Medicine, Columbia, USA

This concise, instructional guide condenses the most important aspects of large animal handling. It provides a portable, durable, beside-the-animal means of learning, as well as a convenient way to refresh on safety and efficacy in animal handling techniques. The text covers handler and animal safety, sanitation, approach and capture, routine handling and release, handling for medical procedures and use of restraint equipment. Important reading for undergraduate veterinary students on EMS rotations, as well as practicing veterinarians, technicians and assistants, the book covers species encountered in farm, equine and laboratory settings.

CRC Press

June 2023 : 322pp

Pb: 978-0-367-62809-3 : **£41.99**

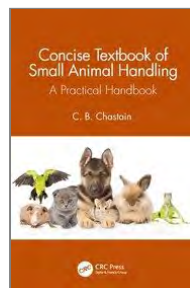
Hb: 978-0-367-62812-3 : **£105**

eBook: 978-1-003-11091-0

* For full contents and more information, visit: www.routledge.com/9780367628093

Concise Textbook of Small Animal Handling

A Practical Handbook



C. B. Chastain Univ. of Missouri, College of Veterinary Medicine, Columbia, USA

This instructional pocket reference condenses the most important aspects of small animal handling. It provides a portable, durable means of learning 'on the ground'. Spiralbound for practical use at the animal's side during veterinary placements in a clinic or laboratory, the text covers handler safety, animal safety, sanitation, approach and capture, handling for medical procedures and use and supply sources of restraint equipment. A Companion Website provides additional self-assessment questions and answers to aid learning. Important reading for undergraduate veterinary students as well as practicing technicians, nurses and assistants.

CRC Press

April 2022 : 242pp

Pb: 978-0-367-62813-0 : **£32.99**

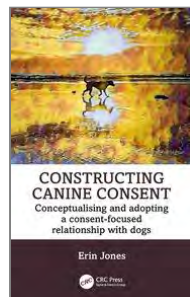
Hb: 978-0-367-62814-7 : **£84.99**

eBook: 978-1-003-11092-7

* For full contents and more information, visit: www.routledge.com/9780367628130

Constructing Canine Consent

Conceptualising and adopting a consent-focused relationship with dogs



Erin Jones Merit Dog Training, NZ

Looking beyond species boundaries can help us not only consider concepts of canine consent and autonomy, but it can also help us to apply these concepts in our everyday interactions with them: fundamental for any professional working with dogs as well as everyday dog caregivers. This canine indexed definition of consent includes a model of five major categories: Touch/interaction-based consent, cooperative-care using learned consent behaviours, activity consent, consent-based learning, and substitutive consent. This book aims to merge the existing literature and new understandings about canine consent to paint a complete picture.

CRC Press

March 2024 : 138pp

Pb: 978-1-032-42159-9 : **£26.99**

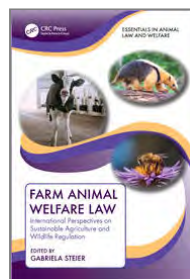
Hb: 978-1-032-42167-4 : **£71.99**

eBook: 978-1-003-36145-9

* For full contents and more information, visit: www.routledge.com/9781032421599

Farm Animal Welfare Law

International Perspectives on Sustainable Agriculture and Wildlife Regulation



Edited by **Gabriela Steier** Northeastern Univ.

Series: *Essentials in Animal Law and Welfare*

Introducing the various aspects of international farm animal protection and wildlife conservation through the lenses of food safety and environmental protection law, Farm Animal Welfare Law provides a primer for law school courses and masters' programs, for practitioners, advocates, and animal enthusiasts alike. Animal welfare and biodiversity conservation sit at the core of the selected chapters, each one providing real-world examples to make the complex field easy to understand. Current developments including food safety modernization, block chain, and COVID-19 considerations, are addressed head-on.

CRC Press

August 2023 : 400pp

Pb: 978-0-367-68476-1 : **£41.99**

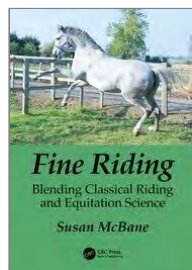
Hb: 978-0-367-68477-8 : **£105**

eBook: 978-1-003-13773-3

* For full contents and more information, visit: www.routledge.com/9780367684761

Fine Riding

Blending Classical Riding and Equitation Science



Susan McBane

In precise, practical language, *Fine Riding* describes how to blend the principles of classical riding with the modern findings of Equitation Science. Applicable to riding of all schools of thought, from hacking to racing, including jumping, McBane applies the results of rigorous scientific studies to the historical, classical training and riding of horses in an ethical, humane and effective way. The book explains the principles of 'fine riding' in such a way that readers will feel able to put them into effect themselves, serving their horses with renewed understanding and commitment.

CRC Press
September 2021 : 226pp
Pb: 978-0-367-63894-8 : **£37.99**
Hb: 978-0-367-63895-5 : **£96.99**
eBook: 978-1-003-12119-0

* For full contents and more information, visit: www.routledge.com/9780367638948

Health and Welfare of Brachycephalic (Flat-faced) Companion Animals

A Complete Guide for Veterinary and Animal Professionals



Edited by **Rowena Packer** The Royal Veterinary College,
Dan O'Neill The Royal Veterinary College

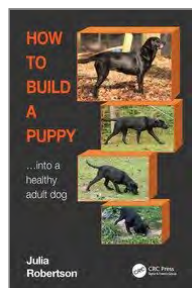
Health and welfare issues relating to brachycephalic (flat-faced) dogs are now one of the most pressing problems facing companion animals. This book aims to equip veterinary professionals, animal welfare scientists, dog breeders and the interested owner with the full story about brachycephalic health and welfare. Cutting-edge knowledge is provided on a range of disciplines including anaesthesia, ophthalmology, dermatology, respiratory disease, neurological, dental, reproduction and weight control. The book offers substantial practical advice for veterinary teams on welfare and ethical issues around choosing, owning and caring for brachycephalic dogs to share with clients.

CRC Press
August 2021 : 418pp
Pb: 978-0-367-20724-3 : **£41.99**
Hb: 978-0-367-20741-0 : **£96.99**
eBook: 978-0-429-26323-1

* For full contents and more information, visit: www.routledge.com/9780367207243

How to Build a Puppy

Into a Healthy Adult Dog



Julia Robertson Galen Myotherapy, UK

Using her world-renowned Galen Myotherapy Puppy Physical Development Plan®, Robertson suggests small but important changes to the way we look after puppies and growing dogs. Environment, exercise and activity habits have deep, ongoing effects and the book explores ways in which positive change can be integrated easily into our normal lives. A section on anatomy explains how everything fits together while practical exercises and activities help build good foundations. This book will help canine professionals better advise their clients, but also empower readers to ask more questions from their vet, breeder, or puppy trainer.

CRC Press
June 2022 : 288pp
Pb: 978-1-032-21520-4 : **£22.99**
Hb: 978-1-032-21521-1 : **£58.99**
eBook: 978-1-003-26878-9

* For full contents and more information, visit: www.routledge.com/9781032215204

How to Raise a Puppy

A Dog-centric Approach



Stephanie Rousseau, Turid Rugaas

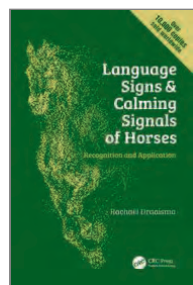
Drawing on research into how dogs naturally rear their young, and how dogs have evolved to behave and spend their time, *How to Raise a Puppy* supports a new way of sharing our lives with our dogs. It also offers advice on dealing with some of the common challenges people experience with puppies, and tips for managing adolescence. A much-needed resource for dog trainers, veterinarians and behaviourists to recommend to clients, this conveys a powerful message to help overcome all too common issues so many people have with their puppies. Packed with practical advice, it offers an overdue "puppy perspective", with respect for a dog as a sentient being at its core.

CRC Press
October 2022 : 172pp
Pb: 978-1-032-30449-6 : **£19.99**
Hb: 978-1-032-30450-2 : **£33.99**
eBook: 978-1-003-30515-6

* For full contents and more information, visit: www.routledge.com/9781032304496

Language Signs and Calming Signals of Horses

Recognition and Application



Rachael Draaisma

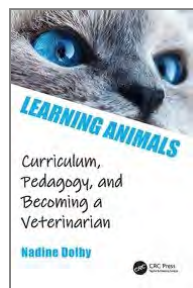
This practical book helps you interpret and connect the physical signals that horses display in response to their environment. These signals are evident in the everyday actions, gestures and attitudes that horses communicate to each other, but are often so subtle that they can go unnoticed by humans. This book aims to rectify that, offering horse lovers and equine professionals an opportunity to gain a unique insight into their 'horse's world', allowing them to calm the horse before his stress rises to an unmanageable level.

CRC Press
October 2017 : 200pp
Hb: 978-1-138-07015-8 : **£33.99**
eBook: 978-1-315-26566-7

* For full contents and more information, visit: www.routledge.com/9781138070158

Learning Animals

Curriculum, Pedagogy and Becoming a Veterinarian



Nadine Dolby Purdue University, USA

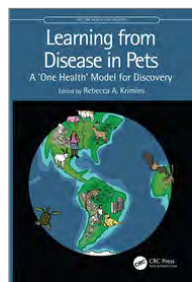
Instead of teachers, society considers veterinarians to be the primary experts about animals. Despite this, the field of education knows very little about veterinary education. What do veterinarians learn in veterinary school? What experiences shape their perceptions of animals? How do the structures, curriculum, and pedagogies of veterinary colleges shape these experiences? This book opens this conversation through the complicated, fascinating stories of a cohort of veterinary students. It shows how what veterinarians learn through their studies influences and shapes how humans relate to animals.

CRC Press
April 2022 : 176pp
Pb: 978-1-032-21259-3 : **£22.99**
Hb: 978-1-032-21781-9 : **£58.99**
eBook: 978-1-003-26998-4

* For full contents and more information, visit: www.routledge.com/9781032212593

Learning from Disease in Pets

A 'One Health' Model for Discovery



Edited by **Rebecca A. Krimins** Johns Hopkins University

Series: *CRC One Health One Welfare*

This is the first encompassing guide for veterinarians, researchers and physicians on conducting studies using spontaneous models of disease in animals. Using clinical trials to learn how pets with real disease respond to therapy can lead to breakthroughs in human medicine, as well as benefiting pets suffering from otherwise debilitating illness. The book details how to design a robust clinical study, encouraging veterinarians to build on and disseminate findings. It discusses communication styles, the ethics of using pets in veterinary clinical research, diseases that occur in animals and man, and regulatory requirements.

CRC Press

November 2020 : 306pp

Pb: 978-0-367-17310-4 : **£84.99**

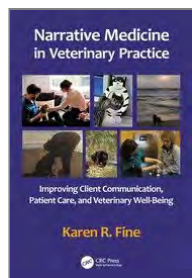
Hb: 978-0-367-17316-6 : **£215**

eBook: 978-0-429-05617-8

* For full contents and more information, visit: www.routledge.com/9780367173104

Narrative Medicine in Veterinary Practice

Improving Client Communication, Patient Care, and Veterinary Well-being



Karen R. Fine

This is the first guide to Veterinary Narrative Medicine, a cutting-edge approach with multiple applications, including improved client communication, medical outcomes, and veterinary wellbeing. It explores techniques and theories from human Narrative Medicine while addressing topics unique to veterinary medicine. Communication with caretakers is vital for veterinarians as the patient cannot speak; veterinary practitioners must consider the stories of human clients as well as animal patients. Awareness of these narratives can also help practitioners set and maintain emotional and work-place boundaries, and decrease burnout and compassion fatigue.

CRC Press

October 2021 : 210pp

Pb: 978-0-367-64761-2 : **£27.99**

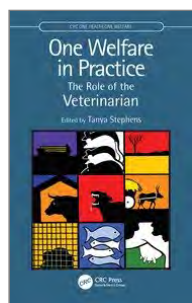
Hb: 978-0-367-64763-6 : **£71.99**

eBook: 978-1-003-12613-3

* For full contents and more information, visit: www.routledge.com/9780367647612

One Welfare in Practice

The Role of the Veterinarian



Edited by **Tanya Stephens** Haberfield Veterinary Hospital

Series: *CRC One Health One Welfare*

The book demonstrates, through a wide range of international case studies, why professional ethics and the use of good evidence is integral to this role. *One Welfare in Practice: The Role of the Veterinarian* emphasises the importance of interdisciplinary collaboration and solutions. It is essential that veterinary practitioners recognise when other professionals need to be consulted to benefit both animals and humans. With its multiple, fascinating approaches to One Welfare, this book will inform and inspire the veterinarian to find areas where collaborative action reaps the greatest rewards. This unique book shows how veterinarians can improve animal and human welfare.

CRC Press

October 2021 : 414pp

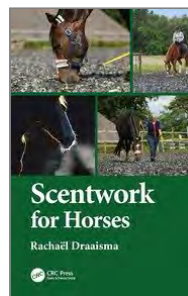
Pb: 978-0-367-90406-7 : **£45.99**

Hb: 978-1-032-11078-3 : **£110**

eBook: 978-1-003-21833-3

* For full contents and more information, visit: www.routledge.com/9780367904067

Scentwork for Horses



Rachael Draaisma

This is the first practical guide on how to implement scentwork into the lives of domesticated horses, enhancing behaviour, welfare and the human-animal bond. Draaisma demonstrates how scentwork improves the horse's learning abilities, development, socialisation and their bond with the handler, showing how to have your horse explore their environment, participate in scentwork games and follow a footstep track. Whether veterinarian, behaviourist, trainer, animal-assisted therapist, equine physiotherapist or horse owner, this book promises to bring both you and your horse enormous benefits.

CRC Press

December 2020 : 286pp

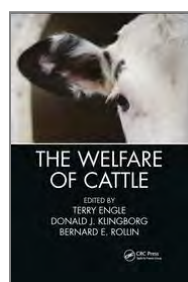
Pb: 978-0-367-53760-9 : **£32.99**

Hb: 978-0-367-55298-5 : **£84.99**

eBook: 978-1-003-09284-1

* For full contents and more information, visit: www.routledge.com/9780367537609

The Welfare of Cattle



Edited by **Terry Engle**, **Donald J. Klingborg**, DVM

School of Veterinary Medicine, University of California, Davis, USA, **Bernard E. Rollin** Colorado State University, Fort Collins, USA

The Welfare of Cattle offers an accurate, detailed account of the ethical and welfare concerns related to the human use of cattle. Covering both beef and dairy cattle, it provides in-depth information on the husbandry roots of traditional agriculture, the replacement of this system by an industrial model, and the resulting welfare challenges associated with feedlots, highly industrialized dairies, and slaughterhouses killing huge numbers of animals who have been transported great distances.

CRC Press

March 2020 : 368pp

Pb: 978-0-367-89349-1 : **£58.99**

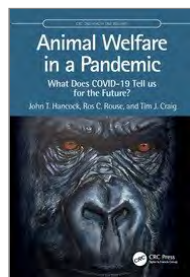
Hb: 978-1-138-19706-0 : **£165**

eBook: 978-1-315-28245-9

* For full contents and more information, visit: www.routledge.com/9780367893491

Animal Welfare in a Pandemic

What Does COVID-19 Tell us for the Future?



John T. Hancock UWE Bristol, **Ros C. Rouse** UWE Bristol,
Tim J. Craig UWE Bristol

Series: CRC One Health One Welfare

This book explores the impact of COVID-19 on a wide array of animals, from those in the wild to companion and captive animals. During the height of the pandemic, a range of animals were infected, and many died, but this was hard to predict, even using up-to-date bioinformatics. Some of the vast amount of personal protection equipment (PPE) that was distributed was discarded, creating both dangers and occasional opportunities for wild animals. With the rollout of human vaccines, some countries started to develop animal vaccines, only some of which were deployed.

CRC Press

April 2024 : 250pp

Pb: 978-1-032-52109-1 : **£47.99**

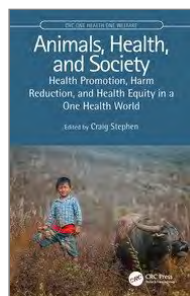
Hb: 978-1-032-54734-3 : **£125**

eBook: 978-1-003-42725-4

* For full contents and more information, visit: www.routledge.com/9781032521091

Animals, Health, and Society

Health Promotion, Harm Reduction, and Health Equity in a One Health World



Edited by **Craig Stephen**

Series: CRC One Health One Welfare

This timely book promotes the positive contributions made to health across species, showing the reader situations wherein we can all, regardless of our job description, work across species, sectors and generations to motivate action. Case studies demonstrate that the principles and practices presented are feasible, empowering people to make choices that concurrently benefit the health of animals, societies and ecosystems. This is necessary reading for students and practitioners in planetary health, conservation, eco-health, health promotion, veterinary medicine and animal welfare.

CRC Press

December 2020 : 352pp

Pb: 978-0-367-33622-6 : **£84.99**

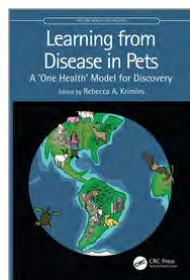
Hb: 978-0-367-64260-0 : **£215**

eBook: 978-0-429-32087-3

* For full contents and more information, visit: www.routledge.com/9780367336226

Learning from Disease in Pets

A 'One Health' Model for Discovery



Edited by **Rebecca A. Krimins** Johns Hopkins University

Series: CRC One Health One Welfare

This is the first encompassing guide for veterinarians, researchers and physicians on conducting studies using spontaneous models of disease in animals. Using clinical trials to learn how pets with real disease respond to therapy can lead to breakthroughs in human medicine, as well as benefiting pets suffering from otherwise debilitating illness. The book details how to design a robust clinical study, encouraging veterinarians to build on and disseminate findings. It discusses communication styles, the ethics of using pets in veterinary clinical research, diseases that occur in animals and man, and regulatory requirements.

CRC Press

November 2020 : 306pp

Pb: 978-0-367-17310-4 : **£84.99**

Hb: 978-0-367-17316-6 : **£215**

eBook: 978-0-429-05617-8

* For full contents and more information, visit: www.routledge.com/9780367173104

A Professional's Guide to Feline Behaviour

Understanding, Improving and Resolving Problems



Caroline Clark Clinical Animal Behaviorist

A Professional's Guide to Feline Behaviour is an invaluable resource for veterinarians, shelter workers, behaviourist and others working with cats, while being accessible to anyone who shares their life with a cat and wants to gain a deeper understanding of their behaviour. It offers a greater understanding of cats and how to meet their needs, explains how to deal with challenges that cats face and how to analyse feline behaviour accurately, with a view to designing a tailored behaviour modification plan. Real-life case studies, accompanied with behaviour plans that integrate clinically proven methods, help manage or resolve a range of behaviour issues.

CRC Press

October 2024 : 332pp

Pb: 978-1-032-17199-9 : **£36.99**

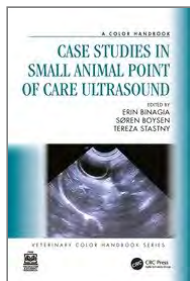
Hb: 978-1-032-17204-0 : **£99.99**

eBook: 978-1-003-25224-5

* For full contents and more information, visit: www.routledge.com/9781032171999

Case Studies in Small Animal Point of Care Ultrasound

A Color Handbook



Edited by **Erin Binaglia** Michigan State Univ., **Soren Boysen** Calgary Univ., **Tereza Stastny** Arizona Veterinary, Emergency and Critical Care Centre

Series: Veterinary Color Handbook Series

This illustrated practical guide covers the many facets of small animal point of care ultrasound (POCUS) using clinical cases commonly seen in practice. It details specific point of care ultrasound techniques, views, interpretations, pitfalls and knowledge gaps, highlighting the utility initial and serial point of care ultrasound for both diagnostic and patient management purposes. Focusing on commonly asked questions and applications, the authors take a binary question approach to veterinary POCUS, shown to decrease errors in human POCUS. The ideal reference for small animal and mixed practitioners and students, accompanying videos can be accessed by QR codes in the text.

CRC Press

March 2025 : 440pp

Pb: 978-0-367-54725-7 : **£92.99**

Hb: 978-1-032-56656-6 : **£240**

* For full contents and more information, visit: www.routledge.com/9780367547257

Concise Textbook of Large Animal Handling

A Practical Handbook



C. B. Chastain Univ. of Missouri, College of Veterinary Medicine, Columbia, USA

This concise, instructional guide condenses the most important aspects of large animal handling. It provides a portable, durable, beside-the-animal means of learning, as well as a convenient way to refresh on safety and efficacy in animal handling techniques. The text covers handler and animal safety, sanitation, approach and capture, routine handling and release, handling for medical procedures and use of restraint equipment. Important reading for undergraduate veterinary students on EMS rotations, as well as practicing veterinarians, technicians and assistants, the book covers species encountered in farm, equine and laboratory settings.

CRC Press

June 2023 : 322pp

Pb: 978-0-367-62809-3 : **£41.99**

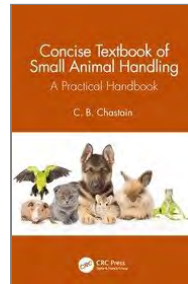
Hb: 978-0-367-62812-3 : **£105**

eBook: 978-1-003-11091-0

* For full contents and more information, visit: www.routledge.com/9780367628093

Concise Textbook of Small Animal Handling

A Practical Handbook



C. B. Chastain Univ. of Missouri, College of Veterinary Medicine, Columbia, USA

This instructional pocket reference condenses the most important aspects of small animal handling. It provides a portable, durable means of learning 'on the ground'. Spiralbound for practical use at the animal's side during veterinary placements in a clinic or laboratory, the text covers handler safety, animal safety, sanitation, approach and capture, handling for medical procedures and use and supply sources of restraint equipment. A Companion Website provides additional self-assessment questions and answers to aid learning. Important reading for undergraduate veterinary students as well as practicing technicians, nurses and assistants.

CRC Press

April 2022 : 242pp

Pb: 978-0-367-62813-0 : **£32.99**

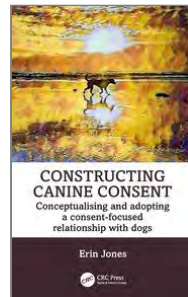
Hb: 978-0-367-62814-7 : **£84.99**

eBook: 978-1-003-11092-7

* For full contents and more information, visit: www.routledge.com/9780367628130

Constructing Canine Consent

Conceptualising and adopting a consent-focused relationship with dogs



Erin Jones Merit Dog Training, NZ

Looking beyond species boundaries can help us not only consider concepts of canine consent and autonomy, but it can also help us to apply these concepts in our everyday interactions with them: fundamental for any professional working with dogs as well as everyday dog caregivers. This canine indexed definition of consent includes a model of five major categories: Touch/interaction-based consent, cooperative-care using learned consent behaviours, activity consent, consent-based learning, and substitutive consent. This book aims to merge the existing literature and new understandings about canine consent to paint a complete picture.

CRC Press

March 2024 : 138pp

Pb: 978-1-032-42159-9 : **£26.99**

Hb: 978-1-032-42167-4 : **£71.99**

eBook: 978-1-003-36145-9

* For full contents and more information, visit: www.routledge.com/9781032421599

Demystifying Dog Behaviour for the Veterinarian



Kendal Shepherd Royal College of Veterinary Surgeons

This practical guide for busy veterinarians demystifies canine behaviour while emphasising its importance. Authored by acclaimed veterinary behaviour consultant Kendal Shepherd, the book provides practical knowledge of dog behaviour and an understanding of how to talk about it with clients. Shepherd shows how this can enhance the relationship between owner and pet and between dog and environment as well as improve the vet's own sense of fulfilment and enjoyment of practice. Packed with anecdotes drawn from real-life cases, the principles can be effortlessly assimilated into the average consultation.

CRC Press

April 2021 : 216pp

Pb: 978-0-367-54991-6 : **£25.99**

Hb: 978-0-367-71639-4 : **£175**

eBook: 978-1-003-15303-0

* For full contents and more information, visit: www.routledge.com/9780367549916

Health and Welfare of Brachycephalic (Flat-faced) Companion Animals

A Complete Guide for Veterinary and Animal Professionals



Edited by **Rowena Packer** The Royal Veterinary College,
Dan O'Neill The Royal Veterinary College

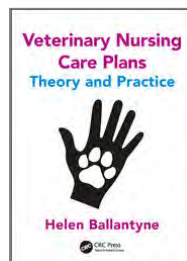
Health and welfare issues relating to brachycephalic (flat-faced) dogs are now one of the most pressing problems facing companion animals. This book aims to equip veterinary professionals, animal welfare scientists, dog breeders and the interested owner with the full story about brachycephalic health and welfare. Cutting-edge knowledge is provided on a range of disciplines including anaesthesia, ophthalmology, dermatology, respiratory disease, neurological, dental, reproduction and weight control. The book offers substantial practical advice for veterinary teams on welfare and ethical issues around choosing, owning and caring for brachycephalic dogs to share with clients.

CRC Press
August 2021 : 418pp
Pb: 978-0-367-20724-3 : **£41.99**
Hb: 978-0-367-20741-0 : **£96.99**
eBook: 978-0-429-26323-1

* For full contents and more information, visit: www.routledge.com/9780367207243

Veterinary Nursing Care Plans

Theory and Practice



Helen Ballantyne

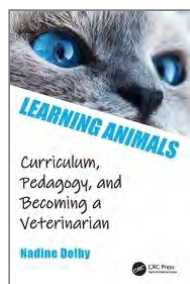
This book offers a broad overview of the theory and practice of care planning in veterinary nursing, answering three key questions: What are nursing care plans? Why should nursing care plans be used in practice? How should nursing care plans be used in practice? It provides basic definitions and explanations, the philosophical and theoretical aspects of nursing, and draws comparisons and contrasts between the veterinary and human nursing roles and contexts. There is a pressing need for veterinary nurses to establish themselves as professionals and develop their unique role within the veterinary care team. Nursing care plans are a core tool to support that development.

CRC Press
February 2018 : 160pp
Pb: 978-1-498-77866-4 : **£32.99**
Hb: 978-1-138-57810-4 : **£180**
eBook: 978-1-315-15504-3

* For full contents and more information, visit: www.routledge.com/9781498778664

Learning Animals

Curriculum, Pedagogy and Becoming a Veterinarian



Nadine Dolby Purdue University, USA

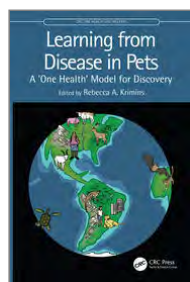
Instead of teachers, society considers veterinarians to be the primary experts about animals. Despite this, the field of education knows very little about veterinary education. What do veterinarians learn in veterinary school? What experiences shape their perceptions of animals? How do the structures, curriculum, and pedagogies of veterinary colleges shape these experiences? This book opens this conversation through the complicated, fascinating stories of a cohort of veterinary students. It shows how what veterinarians learn through their studies influences and shapes how humans relate to animals.

CRC Press
April 2022 : 176pp
Pb: 978-1-032-21259-3 : **£22.99**
Hb: 978-1-032-21781-9 : **£58.99**
eBook: 978-1-003-26998-4

* For full contents and more information, visit: www.routledge.com/9781032212593

Learning from Disease in Pets

A 'One Health' Model for Discovery



Edited by **Rebecca A. Krimins** Johns Hopkins University
Series: **CRC One Health One Welfare**

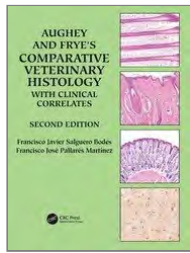
This is the first encompassing guide for veterinarians, researchers and physicians on conducting studies using spontaneous models of disease in animals. Using clinical trials to learn how pets with real disease respond to therapy can lead to breakthroughs in human medicine, as well as benefiting pets suffering from otherwise debilitating illness. The book details how to design a robust clinical study, encouraging veterinarians to build on and disseminate findings. It discusses communication styles, the ethics of using pets in veterinary clinical research, diseases that occur in animals and man, and regulatory requirements.

CRC Press
November 2020 : 306pp
Pb: 978-0-367-17310-4 : **£84.99**
Hb: 978-0-367-17316-6 : **£215**
eBook: 978-0-429-05617-8

* For full contents and more information, visit: www.routledge.com/9780367173104

2ND EDITION

Aughey and Frye's Comparative Veterinary Histology with Clinical Correlates



Francisco Javier Salguero Bodes Public Health England
Francisco Jose Pallares Martinez Murcia Univ.

Organized by body system, the new edition of this highly illustrated textbook covers the normal histological appearance of tissues in a wide range of animals, with relevant clinical correlates emphasizing the need to appreciate the normal in order to recognize the abnormal. In this update by two experienced veterinary pathologists and histology lecturers, new species, such as other companion mammals, aquatic species and livestock, are introduced into each chapter along with a wealth of new high-quality images. A new chapter covers epithelial tissue and new techniques used in histology and histopathology are discussed throughout, including ISH and digital image analysis.

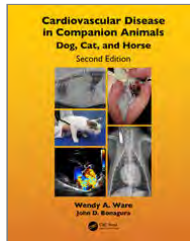
CRC Press
 April 2023 : 268pp
 Pb: 978-1-032-36448-3 : **£57.99**
 Hb: 978-1-032-36797-2 : **£155**
 eBook: 978-1-003-33380-7

* For full contents and more information, visit: www.routledge.com/9781032364483

2ND EDITION

Cardiovascular Disease in Companion Animals

Dog, Cat and Horse



Wendy A. Ware Iowa State University, Ames, USA, **John D. Bonagura** The Ohio State University College of Veterinary Medicine, Columbus, USA

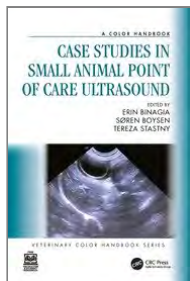
This new edition of Cardiovascular Disease in Companion Animals now covers the horse as well as small animals. The book has been completely revised, expanded into five key sections, and contains a new Summary Formulary at end. Since first publication in 2007, Dr Ware's authoritative yet user-friendly guide to cardiovascular diseases and disorders in veterinary practice has been widely praised. Coverage includes evaluation techniques, investigative procedures, diagnosis, medical and surgical management options and methods. This second edition is a must-have for general practitioners, veterinary students, and residents.

CRC Press
 August 2021 : 966pp
 Hb: 978-1-482-24622-3 : **£180**
 eBook: 978-0-429-18663-9

* For full contents and more information, visit: www.routledge.com/9781482246223

Case Studies in Small Animal Point of Care Ultrasound

A Color Handbook



Erin Binagia Michigan State Univ., **Soren Boysen** Calgary Univ., **Tereza Stastny** Arizona Veterinary, Emergency and Critical Care Centre

Series: Veterinary Color Handbook Series

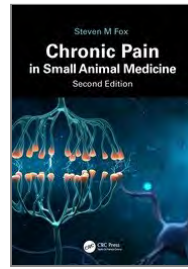
This illustrated practical guide covers the many facets of small animal point of care ultrasound (POCUS) using clinical cases commonly seen in practice. It details specific point of care ultrasound techniques, views, interpretations, pitfalls and knowledge gaps, highlighting the utility initial and serial point of care ultrasound for both diagnostic and patient management purposes. Focusing on commonly asked questions and applications, the authors take a binary question approach to veterinary POCUS, shown to decrease errors in human POCUS. The ideal reference for small animal and mixed practitioners and students, accompanying videos can be accessed by QR codes in the text.

CRC Press
 March 2025 : 440pp
 Pb: 978-0-367-54725-7 : **£92.99**
 Hb: 978-1-032-56656-6 : **£240**

* For full contents and more information, visit: www.routledge.com/9780367547257

2ND EDITION

Chronic Pain in Small Animal Medicine



Steven M. Fox SECUIROS - a division of MWI, Clive, Iowa, USA

Over the past decade, many advances have been made in the discipline of pain management, including embracement under the One Medicine initiative to improve the health and well-being of multiple species. Contributing significantly to this progress is the evidence base provided by multimodal management of chronic diseases such as osteoarthritis, a leading cause of pet euthanasia. These advances are explored in this updated edition, which goes beyond common protocols by focusing on the latest evidence and our understanding of 'why and how to treat'.

CRC Press
 August 2023 : 294pp
 Pb: 978-1-032-45144-2 : **£81.99**
 Hb: 978-1-032-45316-3 : **£210**
 eBook: 978-1-003-37642-2

* For full contents and more information, visit: www.routledge.com/9781032451442

4TH EDITION

Clinical Medicine of the Dog and Cat



Michael Schaer University of Florida, College of Veterinary Medicine, USA, **Frederic Gaschen** School of Veterinary Medicine, Louisiana State University, **Stuart Walton**

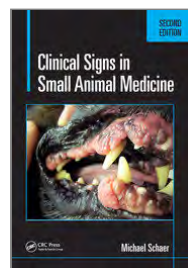
This fourth edition remains the most extensively illustrated and practical small animal veterinary medicine textbook available. It continues and expands on the revolutionary approach of the previous three editions, now including more than 1100 highly relevant clinical colour photographs, diagrams, and tables. The practical information is presented with text, tables, and algorithms, while each chapter is arranged to provide the definition of each disorder, its clinical features, the differential diagnoses, the diagnostic methodology, and the treatment and prognosis.

CRC Press
 October 2022 : 1098pp
 Hb: 978-1-032-16894-4 : **£135**
 eBook: 978-1-003-25459-1

* For full contents and more information, visit: www.routledge.com/9781032168944

2ND EDITION

Clinical Signs in Small Animal Medicine



Michael Schaer D.V.M. University of Florida, College of Veterinary Medicine, USA

This new edition of the bestselling Clinical Signs in Small Animal Medicine presents 800 all new color photographs of the highest quality, with detailed captions that focus on key pointers to diagnosis and treatment. The book is organised into chapters by body system, each beginning with a list of 'Clinical Pearls'. These amusing and accurate key points will be invaluable when considering conditions or highlighting common concerns. Within each chapter, the superb photographs of real cases are annotated with brief, key information that provides a succinct and useful reminder of lessons learned.

CRC Press
 September 2016 : 248pp
 Pb: 978-1-498-76684-5 : **£64.99**
 eBook: 978-1-315-38035-3

* For full contents and more information, visit: www.routledge.com/9781498766845

Health and Welfare of Brachycephalic (Flat-faced) Companion Animals

A Complete Guide for Veterinary and Animal Professionals



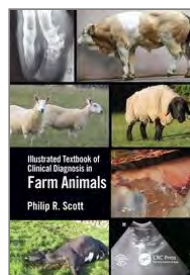
Edited by **Rowena Packer** The Royal Veterinary College,
Dan O'Neill The Royal Veterinary College

Health and welfare issues relating to brachycephalic (flat-faced) dogs are now one of the most pressing problems facing companion animals. This book aims to equip veterinary professionals, animal welfare scientists, dog breeders and the interested owner with the full story about brachycephalic health and welfare. Cutting-edge knowledge is provided on a range of disciplines including anaesthesia, ophthalmology, dermatology, respiratory disease, neurological, dental, reproduction and weight control. The book offers substantial practical advice for veterinary teams on welfare and ethical issues around choosing, owning and caring for brachycephalic dogs to share with clients.

CRC Press
August 2021 : 418pp
Pb: 978-0-367-20724-3 : **£41.99**
Hb: 978-0-367-20741-0 : **£96.99**
eBook: 978-0-429-26323-1

* For full contents and more information, visit: www.routledge.com/9780367207243

Illustrated Textbook of Clinical Diagnosis in Farm Animals



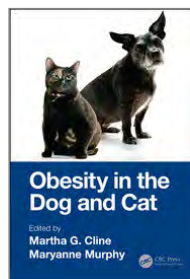
Philip R Scott Edinburgh Veterinary School

Providing veterinary students with a brand-new approach to large animal medicine, this portable textbook first describes the detailed examination of each organ system achievable on the farm, illustrated via 2000+ unique images and 1000+ video recordings. Key points, images and video recordings then provide differential diagnoses for common farm animal clinical presentations. The repository of video clips show the clinical presentation, diagnosis, recovery or pathology of all common disorders. Small and spiral-bound, the book offers a lifeline for veterinary students during their EMS (extra-mural studies) placements.

CRC Press
August 2022 : 414pp
Pb: 978-0-367-61270-2 : **£58.99**
Hb: 978-1-032-19750-0 : **£155**
eBook: 978-1-003-10645-6

* For full contents and more information, visit: www.routledge.com/9780367612702

Obesity in the Dog and Cat



Edited by **Martha G. Cline** Red Bank Veterinary Hospital, Tinton Falls, New Jersey, USA, **Maryanne Murphy** University of Tennessee

A complete, balanced diet is one of the fundamental aspects to optimizing health and longevity in companion animals, yet obesity in dogs and cats is becoming a major problem. This book provides a comprehensive review of obesity in small animal medicine with clinical application to veterinarians seeking to provide weight management services in practice. With multiple authors from both academic and practice backgrounds, the chapters cover topics ranging from epidemiology and pathophysiology of obesity to evaluation of body composition, and nutritional and behavioural management, as well as role of exercise in managing obesity. Case studies demonstrate these topics in practice.

CRC Press
May 2019 : 234pp
Pb: 978-1-498-74147-7 : **£43.99**
Hb: 978-0-367-20520-1 : **£165**
eBook: 978-1-315-15162-5

* For full contents and more information, visit: www.routledge.com/9781498741477

2ND EDITION

Pocket Handbook of Small Animal Medicine



Kit Sturgess Vet Freedom Ltd, Hampshire, UK

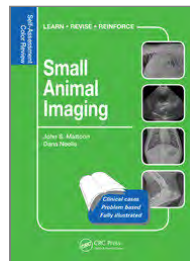
Concise and problem-oriented, this second edition focuses on the essentials of medicine and surgery of the dog and cat. Packed with bullet points, flowcharts and tables for quick reference, the book helps start the process of case management and resolution. It includes tips and hints on interpretation of physical signs, diagnostic tests and management of common presenting conditions. Full colour algorithms assist decision-making, specifically in clinical presentations and critical care. The new edition is completely updated and contains important new sections on client communication and professional conduct, mental health and wellbeing, therapeutics and common procedures.

CRC Press
March 2025 : 224pp
Pb: 978-1-498-75877-2 : **£53.99**
Hb: 978-1-032-73231-2 : **£155**

* For full contents and more information, visit: www.routledge.com/9781498758772

Small Animal Imaging

Self-Assessment Review



John S. Mattoon Adjunct Professor of Radiology, College of Veterinary Medicine, Washington State University, USA,
Dana Neelis

Series: *Veterinary Self-Assessment Color Review Series*

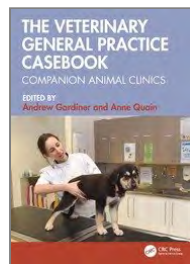
Presented in an easy-to-ready format, Small Animal Imaging: Self-Assessment Color Review offers a case-based approach to reviewing and interpreting images and developing a differential diagnosis when necessary. Nearly 200 cases are presented, each beginning with the patient's age, gender, breed, and species. The reason the patient was brought to the clinic is discussed along with preliminary examination and diagnostic test findings. Supporting high-quality images are also presented with each case. A separate section presents detailed answers including information on the radiographic findings, radiographic diagnosis, comments, and notes on whether further imaging or evaluation is needed.

CRC Press
March 2018 : 280pp
Pb: 978-1-482-22520-4 : **£41.99**
Hb: 978-1-138-09149-8 : **£180**
eBook: 978-1-315-38186-2

* For full contents and more information, visit: www.routledge.com/9781482225204

The Veterinary General Practice Casebook

Companion Animal Clinics



Edited by **Andrew Gardiner** University of Edinburgh,
Anne Quain Sydney School of Veterinary Sc.

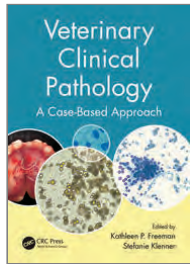
The Vet GP Casebook echoes life at the coal face of companion animal practice. Organised into 'clinics', each chapter feels like a day in the life of a busy general practitioner, where emergencies are juggled with routine consultations. Ideal for senior veterinary students, graduates, those returning to practice, and those seeking a GP workout, this book presents cases as they appear in real life, often messier and less complete than textbook descriptions. The clinical content is complemented by topics on wellbeing and professional practice, as well as recipes for simple and nutritious meals to feed veterinary body and soul.

CRC Press
February 2025 : 360pp
Pb: 978-1-032-24376-4 : **£64.99**
Hb: 978-1-032-24377-1 : **£160**
eBook: 978-1-003-27830-6

* For full contents and more information, visit: www.routledge.com/9781032243764

Veterinary Clinical Pathology

A Case-Based Approach



Edited by **Kathleen P. Freeman** Kathleen P. Freeman DVM BS MS PhD DipECVCP FRCPath MRCVS RCVS Specialist in Veterinary Pathology (Clinical Pathology), European Veterinary Specialist in Clinical Pathology, IDEXX Laboratories, UK, **Stefanie Klenner** Stefanie Klenner, Dr.med.vet, DipECVCP European Veterinary Specialist in Clinical Pathology scil animal care company GmbH, Viernheim, Germany

Presenting 200 cases and questions for those interested in improving their skills in veterinary clinical pathology, this book emphasises an understanding of the basic pathophysiologic mechanisms of disease, differential diagnoses and a recognition of patterns associated with various diseases or conditions. Topics discussed include haematology, clinical chemistry, endocrinology, acid-base and blood gas analysis, haemostasis, urinalysis, biological variation and quality control. Species covered include the cat, dog and horse, with additional material on ruminants.

CRC Press

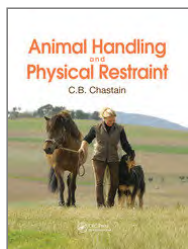
June 2015 : 288pp

Pb: 978-1-482-22587-7 : **£58.99**

eBook: 978-0-429-15872-8

* For full contents and more information, visit: www.routledge.com/9781482225877

Animal Handling and Physical Restraint



C. B. Chastain Univ. of Missouri, College of Veterinary Medicine, Columbia, USA

The aim of the book is to prepare future or current veterinarians and veterinary technologists, technicians/nurses, and assistants to be able to handle animals more safely, gain the confidence of animals and their owners, and instruct owners in proper animal handling methods. No handling or restraint of animals is without risk, but proper animal handling and restraint aids in reducing the chance of physical or infectious disease injury to the handler and the animal handled. Minimum-stress handling of farm and ranch animals raised for meat, milk, or fiber also aids the producer in being more humane and gaining greater profitability.

CRC Press

February 2019 : 408pp

Pb: 978-0-367-02832-9 : **£41.99**

Hb: 978-1-498-76193-2 : **£175**

eBook: 978-1-315-15331-5

* For full contents and more information, visit: www.routledge.com/9780367028329

2ND EDITION

Cardiovascular Disease in Companion Animals

Dog, Cat and Horse



Wendy A. Ware Iowa State University, Ames, USA, **John D. Bonagura** The Ohio State University College of Veterinary Medicine, Columbus, USA

This new edition of Cardiovascular Disease in Companion Animals now covers the horse as well as small animals. The book has been completely revised, expanded into five key sections, and contains a new Summary Formulary at end. Since first publication in 2007, Dr Ware's authoritative yet user-friendly guide to cardiovascular diseases and disorders in veterinary practice has been widely praised. Coverage includes evaluation techniques, investigative procedures, diagnosis, medical and surgical management options and methods. This second edition is a must-have for general practitioners, veterinary students, and residents.

CRC Press

August 2021 : 966pp

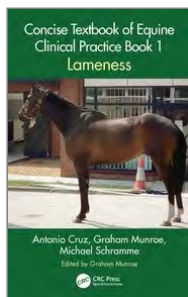
Hb: 978-1-482-24622-3 : **£180**

eBook: 978-0-429-18663-9

* For full contents and more information, visit: www.routledge.com/9781482246223

Concise Textbook of Equine Clinical Practice Book 1

Lameness



Antonio Cruz Justus Liebig Univ. Giessen, **Graham Munroe** Cambridge Veterinary School, **Michael Schramme** Royal College of Vet. Surgeons

This concise, practical text covers the essential information veterinary students need to succeed in Equine practice, focussing on lameness. Written for an international readership, the book conveys the core information in an easily digestible, precise form with extensive use of bullet-points, lists, protocols and extensive illustration (over 650 full colour, high quality photographs and radiographs). Part of a five-book series that extracts key information from Munroe's Equine Surgery, Reproduction and Medicine, the book distils best practice in a logical clinical-based approach. The spiralbound format allows the book to lie open during practice.

CRC Press

October 2023 : 364pp

Pb: 978-1-032-06614-1 : **£59.99**

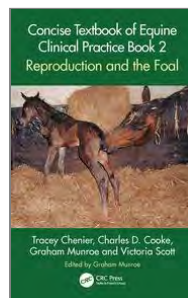
Hb: 978-1-032-43886-3 : **£155**

eBook: 978-1-003-36922-6

* For full contents and more information, visit: www.routledge.com/9781032066141

Concise Textbook of Equine Clinical Practice Book 2

Reproduction and the Foal



Tracey Chenier Ontario Vet. College, **Charles D. Cooke** Equine Reproductive Services, **Graham Munroe** Cambridge Veterinary School, **Victoria Scott** Univ. of Glasgow

This concise, practical text covers the essential information veterinary students, new graduates and practitioners need to succeed in Equine practice, focussing on reproduction. Written for an international readership, the book conveys the core information in an easily digestible, precise form with extensive use of bullet-points, lists, diagrams, protocols and extensive illustrations. Part of a five-book series that extracts and updates key information from Munroe's Equine Surgery, Reproduction and Medicine, Second Edition, the book distils best practice in a logical straightforward clinical-based approach. The spiralbound format allows the book to lie open during practice.

CRC Press

October 2023 : 222pp

Pb: 978-1-032-06618-9 : **£59.99**

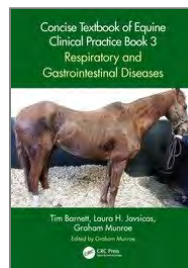
Hb: 978-1-032-47982-8 : **£155**

eBook: 978-1-003-38683-4

* For full contents and more information, visit: www.routledge.com/9781032066189

Concise Textbook of Equine Clinical Practice Book 3

Respiratory and Gastrointestinal Diseases



Tim Barnett Rosssdales Veterinary Surgeons, **Laura H. Javiskas** Rhinebeck Equine, NY, **Graham Munroe** Cambridge Veterinary School

This concise, practical text covers the essential information veterinary students and nurses, new graduates and practitioners need to succeed in equine medicine, focussing on respiratory and gastrointestinal diseases. Written for an international readership, the book conveys the core information in an easily digestible, precise form with extensive use of bullet-points, lists, diagrams, protocols and extensive illustration (over 200 full colour, high-quality photographs). The emphasis is on information tailored to general equine students and clinicians with just enough on advanced techniques to make the practitioner aware of what is available elsewhere.

CRC Press

February 2024 : 296pp

Pb: 978-1-032-06616-5 : **£64.99**

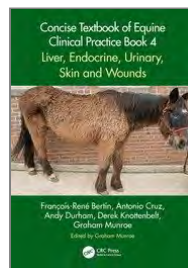
Hb: 978-1-032-54838-8 : **£165**

eBook: 978-1-003-42771-1

* For full contents and more information, visit: www.routledge.com/9781032066165

Concise Textbook of Equine Clinical Practice Book 4

Liver, Endocrine, Urinary, Skin and Wounds



Edited by Graham Munroe Cambridge Veterinary School, **François-René Bertin** Univ. of Queensland, **Antonio Cruz** Liphook Equine Hospital, **Andy Durham** Equine Medical Solutions, **Antonio Cruz** Justus Liebig Univ. Giessen

This concise, practical text covers the essential information Equine veterinary students need, focusing on skin, urinary, liver and endocrine diseases. The book conveys the core information in an easily digestible, precise form with extensive use of bullet-points, tables, flow-charts, diagrams, lists, protocols and extensive illustration. Part of a five-book series that extracts and updates key information from Munroe's Equine Surgery, Reproduction and Medicine, Second Edition, the book distils best practice in a logical straightforward clinical-based approach. Ideal for veterinary students, nurses and practitioners needing a quick reference 'on the ground'.

CRC Press

February 2024 : 196pp

Pb: 978-1-032-06617-2 : **£64.99**

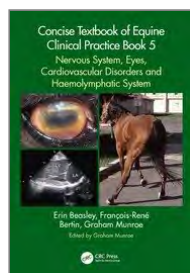
Hb: 978-1-032-59226-8 : **£155**

eBook: 978-1-003-45366-6

* For full contents and more information, visit: www.routledge.com/9781032066172

Concise Textbook of Equine Clinical Practice Book 5

Nervous System, Eyes, Cardiovascular Disorders and Haemolymphatic System



Erin Beasley Univ. of Georgia, **Graham Munroe** Cambridge Veterinary School, **François-René Bertin** Univ. of Queensland, **Graham Munroe** Cambridge Veterinary School

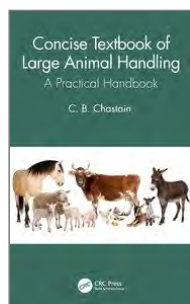
This concise, practical text covers the essential information veterinary students need to succeed in Equine medicine and surgery, focusing on the nervous system, eyes, cardiovascular disorders and haemolymphatic systems. Part of a five-book series that extracts and updates key information from Munroe's Equine Surgery, Reproduction and Medicine, Second Edition, the book distills best practice in a logical straightforward clinical-based approach. Ideal for veterinary students and nurses on clinical placements with horses as well as practitioners needing a quick reference 'on the ground'. The spiralbound format allows the book to lie open during practice.

CRC Press
February 2024 : 224pp
Pb: 978-1-032-58600-7 : **£64.99**
Hb: 978-1-032-58876-6 : **£165**
eBook: 978-1-003-45192-1

* For full contents and more information, visit: www.routledge.com/9781032586007

Concise Textbook of Large Animal Handling

A Practical Handbook



C. B. Chastain Univ. of Missouri, College of Veterinary Medicine, Columbia, USA

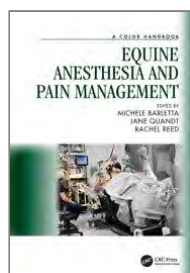
This concise, instructional guide condenses the most important aspects of large animal handling. It provides a portable, durable, beside-the-animal means of learning, as well as a convenient way to refresh on safety and efficacy in animal handling techniques. The text covers handler and animal safety, sanitation, approach and capture, routine handling and release, handling for medical procedures and use of restraint equipment. Important reading for undergraduate veterinary students on EMS rotations, as well as practicing veterinarians, technicians and assistants, the book covers species encountered in farm, equine and laboratory settings.

CRC Press
June 2023 : 322pp
Pb: 978-0-367-62809-3 : **£41.99**
Hb: 978-0-367-62812-3 : **£105**
eBook: 978-1-003-11091-0

* For full contents and more information, visit: www.routledge.com/9780367628093

Equine Anesthesia and Pain Management

A Color Handbook



Edited by **Michele Barletta** Georgia Univ., **Jane Quandt** Georgia Univ., **Rachel Reed** Georgia Univ.

Series: Veterinary Color Handbook Series

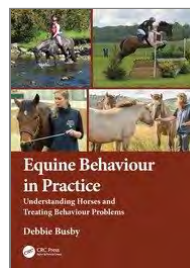
Equine Anesthesia and Pain Management: A Color Handbook brings together key information for clinicians in an easy-to-use, problem-orientated format. It disseminates a wealth of knowledge in a quick reference style, with a focus on clinical practice. Fifteen chapters cover everything from anesthetic equipment, premedication and physical restraint, to total intravenous anesthesia, inhalant anesthesia and partial intravenous anesthesia, recovery, complications, and euthanasia. Over 250 superb color photographs and diagrams bring the material to life. This book will be invaluable to equine practitioners, veterinary technicians/nurses, and veterinary students.

CRC Press
October 2022 : 284pp
Pb: 978-1-498-74958-9 : **£71.99**
Hb: 978-1-032-30962-0 : **£185**
eBook: 978-0-429-19094-0

* For full contents and more information, visit: www.routledge.com/9781498749589

Equine Behaviour in Practice

Understanding Horses and Treating Behaviour Problems



Debbie Busby

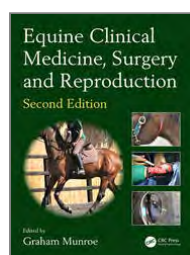
Combining an in-depth exploration of equine behaviour with clinical practice, Applied Equine Behaviour focuses not just on the horse's behaviour, but on the behaviour of the human interacting with the horse. It will equip readers with the understanding and skills to be effective equine behaviour consultants. Discussing how and why horses sometimes struggle to cope, this book explains how to consult on and treat a range of behaviour problems. It encourages readers to develop a critical biopsychosocial evaluation based on an understanding of how horses evolved, their ethological and physiological adaptations, how they learn, and how they can assess their welfare.

CRC Press
March 2025 : 256pp
Pb: 978-1-032-94714-3 : **£53.99**
Hb: 978-1-032-94715-0 : **£155**
eBook: 978-1-003-58139-0

* For full contents and more information, visit: www.routledge.com/9781032947143

2ND EDITION

Equine Clinical Medicine, Surgery and Reproduction



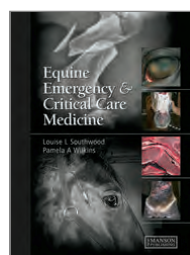
Edited by **Graham Munroe**

This fully-revised new edition is supported by over 1800 high quality illustrations. System-based chapters introduce each individual system with relevant basic anatomy and physiology, clinical examination techniques and useful differential diagnostic aids. This is followed by diseases and disorders pertinent to that system. Each condition is described using consistent headings and the focus remains on providing clinically relevant information required for practical case management, plus sufficient background to enable readers to understand the conditions and rationale for diagnostic and treatment options.

CRC Press
December 2019 : 1432pp
Hb: 978-1-138-19638-4 : **£215**
eBook: 978-0-429-11368-0

* For full contents and more information, visit: www.routledge.com/9781138196384

Equine Emergency and Critical Care Medicine



Edited by **Louise Southwood**, **Pamela A. Wilkins**

Early recognition of problems by owners, appropriate first aid, and timely referral by field veterinarians improves the survival chance of horses requiring emergency management and critical care. With a view towards improving patient outcome, this text is written by a team of enthusiastic equine specialists who explore a host of conditions that the equine veterinarian will encounter. For each disease or condition, the book includes an overview, key points, etiology/pathogenesis, clinical features, differential diagnosis, diagnosis, and management/treatment. It also provides step-by-step instructions on frequently performed procedures when managing the emergency/critical care patient. The text features a concise, bullet-point style to facilitate quick assimilation, along with color photos and useful charts and diagrams.

CRC Press
October 2014 : 880pp
Hb: 978-1-840-76194-8 : **£150**
eBook: 978-0-429-06895-9

* For full contents and more information, visit: www.routledge.com/9781840761948

2ND EDITION

Equine Internal Medicine

Self-Assessment Color Review Second Edition



Tim S. Mair Bell Equine Veterinary Clinic, UK, **Thomas J. Divers** Cornell University, USA

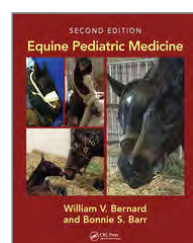
Series: Veterinary Self-Assessment Color Review Series

Written by well-respected experts in the field, this new edition of a bestseller has been completely updated and includes all new cases. The cases appear in random order, just as they would in practice, and are presented as self-assessment problems comprising integrated questions, illustrations and detailed explanations designed to educate as well as to provide answers. The book is designed to appeal to veterinary students preparing for exams, and to veterinary practitioners in their continuing professional development.

CRC Press
August 2015 : 400pp
Pb: 978-1-482-22535-8 : **£41.99**
eBook: 978-0-429-06909-3

* For full contents and more information, visit: www.routledge.com/9781482225358

2ND EDITION

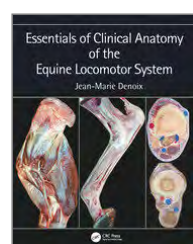
Equine Pediatric Medicine

Edited by William V. Bernard, Bonnie S. Barr

This systematic yet concise guide to equine pediatric medicine covers etiology, pathophysiology, clinical presentation, differential diagnosis, and management. After a thorough explanation of the physical examination, the chapters then take the reader through the different disorders associated with each body system. A brand new chapter covers nutrition. Superbly illustrated with photographs, diagrams, radiographs and tables, a new section of in-depth case studies brings the information to life. Equine practitioners will value this as a ready reference, while veterinary students and technicians can use it as a complete guide to equine

CRC Press
June 2020 : 350pp
Pb: 978-0-367-57140-5 : **£49.99**
Hb: 978-1-498-77600-4 : **£165**
eBook: 978-1-315-15478-7

* For full contents and more information, visit: www.routledge.com/9780367571405

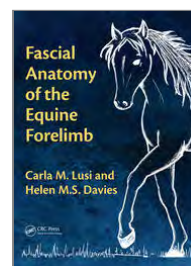
Essentials of Clinical Anatomy of the Equine Locomotor System

Jean-Marie Denoix CIRALE-Hippolia, Goustranville, France

Essentials in Anatomy of the Equine Locomotor System presents a unique photographic record of dissections showing the topographical anatomy of the locomotor system of the horse. Readers of this book will be able to see the position and relationships of the bones, muscles, nerves, blood vessels and viscera that go to make up each region of the forelimb, vertebral column and hindlimb.

CRC Press
March 2019 : 308pp
Hb: 978-1-498-75441-5 : **£62.99**
eBook: 978-0-429-42458-8

* For full contents and more information, visit: www.routledge.com/9781498754415

Fascial Anatomy of the Equine Forelimb

Carla M. Lusi, Helen M. S. Davies

The first of its kind in equine anatomy, this clear, concise anatomical guide illustrates the fascial (soft connective tissue) connections of the equine forelimb. Based on dissections of fresh equine cadaver limbs, it provides a visual map for equine physical therapists, veterinarians and horse riders, helping them to understand how pathologies, injuries, or movement abnormalities of the equine forelimb arise and/or progress from one area of the limb to another. Key points in each chapter highlight everyday situations in which knowledge of the fascial system may assist in understanding horse movement and injury.

CRC Press
July 2018 : 186pp
Pb: 978-0-815-38738-1 : **£71.99**
Hb: 978-0-815-38744-2 : **£240**
eBook: 978-1-351-17292-9

* For full contents and more information, visit: www.routledge.com/9780815387381

Feeding Horses

An Evidence-Based Approach to Equine Nutrition



Gulsah Kaya Karasu Van Hall Larenstein Univ., **Peter Huntington** Kentucky Equine Research Australasia

This concise handbook provides evidence-based, practical horse nutrition, accessible to all readers. Standing out from very dense, theoretical and practical horse nutrition books, it arms equine students, veterinary students and horse owners with practically applicable information, bringing theory and practice together. Divided into four parts, the book covers the horse's digestive system, types of feeds, formulating rations and nutrition-related health disorders. Its scientifically validated, practical information will be invaluable for horse owners, students and trainers, equine nutritionists and practitioners within the equine industry.

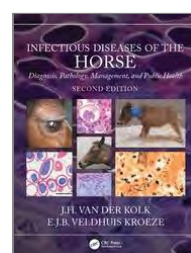
CRC Press
March 2025 : 190pp
Pb: 978-1-032-45925-7 : **£49.99**
Hb: 978-1-032-45939-4 : **£140**

* For full contents and more information, visit: www.routledge.com/9781032459257

2ND EDITION

Infectious Diseases of the Horse

Diagnosis, pathology, management, and public health



J.H. van der Kolk Utrecht Univ., **E.J.B. Veldhuis Kroeze** Erasmus Univ. Med. Centre

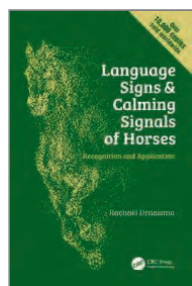
This comprehensive yet practical book about established infectious diseases of horses is categorized according to the different pathogens. The majority of equine infectious diseases caused by microbes and parasites are covered - bacterial, viral, protozoan, fungal, ectoparasitic and helminthic. Practical Appendices contain a list of differential diagnoses based on clinical signs to support clinical decision-making, a list of zoonoses and reportable diseases, and illustrations of clinical pathology and hematology. This is a valuable resource for all veterinary practitioners, scientists, students, technicians and nurses working with horses.

CRC Press
December 2022 : 370pp
Hb: 978-1-032-05428-5 : **£160**
eBook: 978-1-003-19754-6

* For full contents and more information, visit: www.routledge.com/9781032054285

Language Signs and Calming Signals of Horses

Recognition and Application



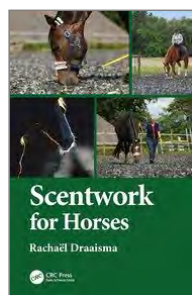
Rachael Draaisma

This practical book helps you interpret and connect the physical signals that horses display in response to their environment. These signals are evident in the everyday actions, gestures and attitudes that horses communicate to each other, but are often so subtle that they can go unnoticed by humans. This book aims to rectify that, offering horse lovers and equine professionals an opportunity to gain a unique insight into their 'horse's world', allowing them to calm the horse before his stress rises to an unmanageable level.

CRC Press
October 2017 : 200pp
Hb: 978-1-138-07015-8 : **£33.99**
eBook: 978-1-315-26566-7

* For full contents and more information, visit: www.routledge.com/9781138070158

Scentwork for Horses



Rachael Draaisma

This is the first practical guide on how to implement scentwork into the lives of domesticated horses, enhancing behaviour, welfare and the human-animal bond. Draaisma demonstrates how scentwork improves the horse's learning abilities, development, socialisation and their bond with the handler, showing how to have your horse explore their environment, participate in scentwork games and follow a footstep track. Whether veterinarian, behaviourist, trainer, animal-assisted therapist, equine physiotherapist or horse owner, this book promises to bring both you and your horse enormous benefits.

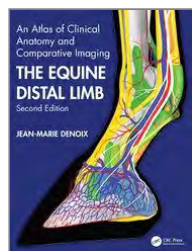
CRC Press
December 2020 : 286pp
Pb: 978-0-367-53760-9 : **£32.99**
Hb: 978-0-367-55298-5 : **£84.99**
eBook: 978-1-003-09284-1

* For full contents and more information, visit: www.routledge.com/9780367537609

2ND EDITION

The Equine Distal Limb

An Atlas of Clinical Anatomy and Comparative Imaging



Jean-Marie Denoix

This new edition replaces existing ultrasound images and most of the radiographic and MRI images with new, updated versions and adds new images of extraordinarily high quality, the multiple views of each area of the distal limb providing an extremely detailed evaluation. The diagnosis and management of distal limb lameness require a precise knowledge of the functional anatomy and biomechanics of the equine distal joints, ligaments and tendons which are presented in the last chapter. The book is designed for maximum clarity using a generous page size. The atlas is essential for anybody involved in detailed anatomical study, complex lameness evaluation or advanced imaging techniques.

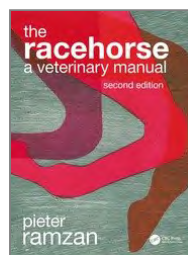
CRC Press
April 2025 : 464pp
Hb: 978-1-032-06071-2 : **£220**

* For full contents and more information, visit: www.routledge.com/9781032060712

2ND EDITION

The Racehorse

A Veterinary Manual



Piet Ramzan Rossgdales Veterinary Surgeons

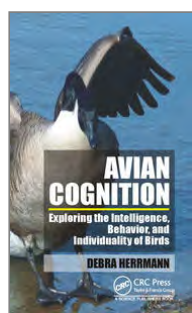
This has become the definitive text for primary care of the Thoroughbred racehorse. Written by one of the world's leading racehorse veterinary clinicians, it sets out best practice standards of diagnosis and management of all the major conditions likely to be encountered in racehorse clinical practice, as well as comprehensively reviewing subjects as diverse as pre-purchase assessment and exercise physiology. This second edition has been thoroughly updated and introduces new chapters on a range of topics from injury risk assessment to electrolyte and fluid therapy.

CRC Press
July 2023 : 498pp
Hb: 978-0-367-42831-0 : **£165**
eBook: 978-1-003-00384-7

* For full contents and more information, visit: www.routledge.com/9780367428310

Avian Cognition

Exploring the Intelligence, Behavior, and Individuality of Birds



Debra S. Herrmann Biological Computing Initiative, North Bethesda, Maryland, USA

Unlike any other book, *Avian Cognition* thoroughly examines avian intelligence, behavior, and individuality. Preferences, choices, motivation, and habits of species, flocks, and individual birds are discussed and compared. This book investigates who birds are and why they do what they do. Daily, seasonal, and play activities, creativity, reasoning abilities, problem-solving skills, social interaction, life stages, and communication patterns are described, and a distinction is made between vocalizations that are learned and those that are inherited. The behavior and intelligence of both wild and pet birds is compared, and unlike other books, entire chapters are devoted to a single species.

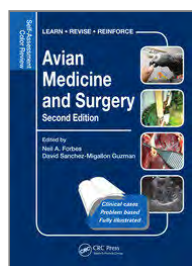
CRC Press
December 2015 : 536pp
Hb: 978-1-498-74842-1 : £185
eBook: 978-0-429-15489-8

* For full contents and more information, visit: www.routledge.com/9781498748421

2ND EDITION

Avian Medicine and Surgery

Self-Assessment Color Review, Second Edition



Edited by **Neil A. Forbes** Great Western Exotic Vets, Swindon, UK, **David Sanchez-Migallon Guzman** UC Davis, California, USA

Series: Veterinary Self-Assessment Color Review Series

The completely revamped second edition of *Avian Medicine and Surgery* includes over 260 all-new colour illustrated cases. The international editor and author team present a breadth of cases in random order, just as they would occur in actual practice. Questions based on each case are accompanied with answers that fully explore the disease or disorder in question. The book provides a valuable reference for both candidates preparing for examinations and practitioners in their continuing education.

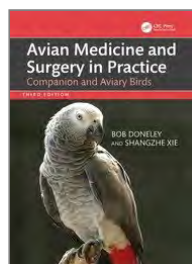
CRC Press
July 2017 : 384pp
Pb: 978-1-498-70351-2 : £41.99
eBook: 978-1-315-11937-3

* For full contents and more information, visit: www.routledge.com/9781498703512

3RD EDITION

Avian Medicine and Surgery in Practice

Companion and Aviary Birds



Bob Doneley Queensland University, **Shangzhe Xie** Mandai Wildlife Group

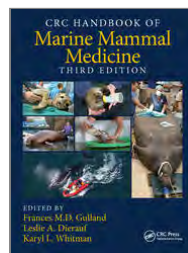
Avian Medicine and Surgery in Practice is an invaluable quick reference resource for clinicians, veterinary students and residents. Together Bob Doneley and Shangzhe Xie have thoroughly updated the book, incorporating the latest research and covering a larger range of species. Building on the practical aspects that make this book stand out from other resources, they have added step-by-step pictorial guides to common procedures and surgeries, as well as videos for more complicated ones. The book will therefore allow the practitioner to immediately help the patient at hand, whether to prescribe medication or perform life-saving surgery.

CRC Press
May 2025 : 472pp
Hb: 978-1-032-22422-0 : £130

* For full contents and more information, visit: www.routledge.com/9781032224220

3RD EDITION

CRC Handbook of Marine Mammal Medicine



Edited by **Frances M.D. Gulland** Marine Mammal Center, Sausalito, California, USA, **Leslie A. Dierauf** Seattle, Washington, USA, **Karyl L. Whitman**

The new edition of the *CRC Handbook of Marine Mammal Medicine* provides a thorough and international approach to the husbandry, diseases, and environmental and political issues relating to marine mammal health and well-being. It covers all aspects of disease and health in cetaceans, pinnipeds, manatees, sea otters, and polar bears. In addition to the documented data on anatomy, physiology, infectious diseases, surgery, pathology, diagnostic imaging, and tagging and tracking, there are sections on marine mammals as sentinels of ocean health, strandings and rehabilitation, emerging diseases and public health considerations, legislative and regulatory issues, and careers in the field.

CRC Press
May 2018 : 1144pp
Hb: 978-1-498-79687-3 : £220
eBook: 978-1-315-14493-1

* For full contents and more information, visit: www.routledge.com/9781498796873

Emergency Care for Birds

A Guide for Veterinary Professionals



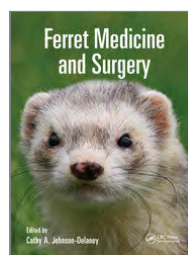
Rob van Zon

Due to their often small size and unique physical characteristics, birds can deteriorate rapidly in the event of illness and injury. This concise, practical guide will help veterinary professionals to provide first aid and emergency care for birds, as well as to instruct clients on providing basic first aid when they are unable to get to the clinic. It includes guidance for those presented with a moribund, critically ill patient i.e., recognising and treating hypothermia, hypoxia, hypovolaemia and hypoglycaemia. The book also lists of alarming signs of disease and toxic plants, and includes clinical procedures, emergency drug formulary and bandaging techniques.

CRC Press
December 2023 : 260pp
Pb: 978-1-032-31132-6 : £53.99
Hb: 978-1-032-31141-8 : £130
eBook: 978-1-003-30827-0

* For full contents and more information, visit: www.routledge.com/9781032311326

Ferret Medicine and Surgery



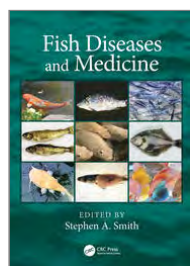
Edited by **Cathy Johnson-Delaney**

The book covers ferret medicine and common surgeries, providing a comprehensive reference for the veterinary practitioner. Each chapter of disorders is designed to be inclusive and includes cross references to other chapters throughout as well as some highlights of anatomy and physiology as a review. The format allows easy access to information providing answers to problems that arise in practice. Thoroughly illustrated with high-quality photographs and line drawings, the book is designed to provide quick, concise information of immediate use to the practitioner.

CRC Press
December 2018 : 544pp
Pb: 978-0-367-11245-5 : £49.99
Hb: 978-1-498-70787-9 : £115
eBook: 978-1-315-37150-4

* For full contents and more information, visit: www.routledge.com/9780367112455

Fish Diseases and Medicine



Edited by **Stephen A. Smith** Virginia-Maryland College of Veterinary Medicine, USA

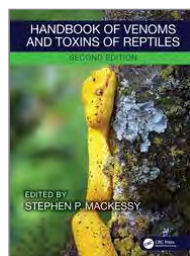
This comprehensive text provides an overview of fish medicine and the diseases and disorders of tropical, ornamental, bait and food fish from the freshwater, brackish and marine environments. The book is organized by body systems, an approach consistent with how a practitioner examines a diseased animal. Nineteen chapters by expert contributors offer an international perspective, exploring the problems affecting fish in various regions of the world.

CRC Press
April 2019 : 412pp
Hb: 978-1-498-72786-0 : £87.99
eBook: 978-0-429-19525-9

* For full contents and more information, visit: www.routledge.com/9781498727860

2ND EDITION

Handbook of Venoms and Toxins of Reptiles



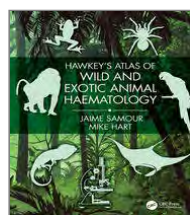
Edited by **Stephen P. Mackessy** University of Northern Colorado, Greeley, CO, USA

A decade after publication of the first edition, this handbook responds to extensive changes in the field of toxinology to endure as the most comprehensive review of reptile venoms on the market. The six sections of this new edition, which has nearly doubled in size, complement the original handbook by presenting current information from many of the leading researchers and physicians in toxinology, with topics ranging from functional morphology, evolution and ecology to crystallography, -omics technologies and more. The section on snakebite now includes several chapters dealing with the problem broadly and with new technologies.

CRC Press
May 2021 : 680pp
Hb: 978-0-367-14974-1 : £175
eBook: 978-0-429-05420-4

* For full contents and more information, visit: www.routledge.com/9780367149741

Hawkey's Atlas of Wild and Exotic Animal Haematology



Jaime Samour, Mike Hart

This revised, updated and expanded edition of Christine Hawkey's A Colour Atlas of Comparative Veterinary Haematology is bursting with high-quality images to aid identification of blood cells and haemoparasites in the different species commonly seen in private practice and zoological collections. It will assist veterinarians in the identification of normal and abnormal blood cells and in understanding the structural differences of blood cells between the various taxa within the Animal Kingdom. With the help of this guide, readers will be able to understand haemoresponses in the presence of specific and non-specific disease processes.

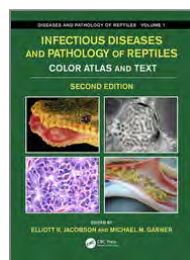
CRC Press
December 2020 : 288pp
Hb: 978-0-367-25701-9 : £120
eBook: 978-0-429-29904-9

* For full contents and more information, visit: www.routledge.com/9780367257019

2ND EDITION

Infectious Diseases and Pathology of Reptiles

Color Atlas and Text, Diseases and Pathology of Reptiles Volume 1



Edited by **Elliott Jacobson** University of Florida, Gainesville, USA, **Michael Garner** Northwest ZooPath, Monroe, Washington, USA

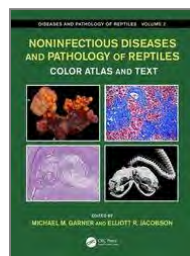
Infectious Diseases and Pathology of Reptiles, Second Edition provides definitive information on every aspect of the anatomy, pathophysiology, and differential diagnosis of infectious diseases affecting reptiles. It features stunning high-quality color photos of normal anatomy and histology, as well as gross, light, and electron microscopic images of infectious diseases of reptiles. The book addresses the mechanism of reptile immunology and the response to pathogens, and explains how immunological response is key to differential diagnosis.

CRC Press
September 2020 : 1030pp
Hb: 978-1-498-77148-1 : £215
eBook: 978-0-429-15556-7

* For full contents and more information, visit: www.routledge.com/9781498771481

Noninfectious Diseases and Pathology of Reptiles

Color Atlas and Text, Diseases and Pathology of Reptiles, Volume 2



Edited by **Elliott R. Jacobson** University of Florida, Gainesville, USA, **Michael M. Garner** Northwest ZooPath, Monroe, Washington, USA

This book accompanies Infectious Diseases and Pathology of Reptiles, Second Edition to cover noninfectious diseases of reptiles, meeting the need for a similar, authoritative single-source reference. The volumes feature color photos of normal anatomy and histology, as well as gross, light, and electron microscopic imagery. It provides definitive information on every aspect of the anatomy, pathophysiology, and differential diagnosis of noninfectious diseases affecting reptiles.

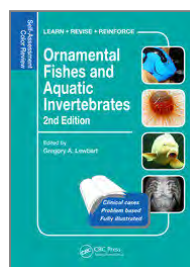
CRC Press
September 2020 : 534pp
Hb: 978-1-498-77158-0 : £150
eBook: 978-0-429-15431-7

* For full contents and more information, visit: www.routledge.com/9781498771580

2ND EDITION

Ornamental Fishes and Aquatic Invertebrates

Self-Assessment Color Review, Second Edition



Edited by **Gregory A. Lewbart** North Carolina State University, Raleigh, USA

Series: *Veterinary Self-Assessment Color Review Series*

This is a new edition in the Self-Assessment Colour Review series that covers ornamental fish. It includes 200 colour illustrated cases in random order, as they would be presented in practice. It presents questions based on each case with answers that fully explore the disease/disorder. This new edition contains 250 new cases. The book should appeal to candidates preparing for examinations and to practitioners in their continuing education.

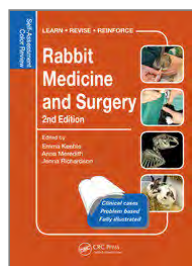
CRC Press
September 2016 : 256pp
Pb: 978-1-482-25886-8 : £41.99
eBook: 978-1-315-38149-7

* For full contents and more information, visit: www.routledge.com/9781482258868

2ND EDITION

Rabbit Medicine and Surgery

Self-Assessment Color Review, Second Edition



Edited by **Emma Keeble** University of Edinburgh, Roslin, UK, **Anna Meredith** University of Edinburgh, Roslin, UK, **Jenna Richardson** University of Edinburgh, Roslin, UK

Series: Veterinary Self-Assessment Color Review Series

This book covers a wide range of topics from basic biology and husbandry to advanced diagnostic, medical, and surgical techniques. This new edition offers an increased emphasis on more advanced diagnostic and imaging techniques as well as recent advances in emergency care, analgesia, and surgery. Written by practitioners with many years of experience treating rabbits, this highly illustrated and easy-to-read edition includes 230 new and updated cases in random order, as they would be presented in practice. Each case includes questions with answers that fully explore the disease or disorder in question. It is an invaluable resource for all those working with pet rabbits.

CRC Press

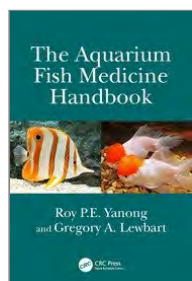
June 2016 : 260pp

Pb: 978-1-498-73079-2 : **£37.99**

eBook: 978-0-429-15493-5

* For full contents and more information, visit: www.routledge.com/9781498730792

The Aquarium Fish Medicine Handbook



Roy P.E. Yanong University of Florida, USA, **Gregory A. Lewbart** NC State University, USA

Practicing veterinarians, veterinary technicians, professional aquarists, fish researchers, and tropical fish hobbyists will find this thorough yet concise handbook a complete how-to guide for keeping fish under human care healthy and thriving. The book covers ways to manage aquatic life support systems for fish, history taking, natural history, anatomy, physiology, diagnostic techniques, anesthesia, analgesia, and surgery. Virtually all of the most important ornamental fish pathogens, including viruses, bacteria, fungi, and parasites, are described and richly illustrated.

CRC Press

April 2024 : 288pp

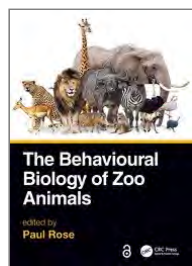
Pb: 978-0-367-52291-9 : **£36.99**

Hb: 978-1-032-71120-1 : **£92.99**

eBook: 978-1-003-05772-7

* For full contents and more information, visit: www.routledge.com/9780367522919

The Behavioural Biology of Zoo Animals



Edited by **Paul Rose** Exeter Univ.

This is the first book on captive animal behaviour and how this applies to welfare. The book enables all aspects of zoo husbandry and management (nutrition, enclosure design, handling and training, enrichment, population management) to be based on a sound knowledge of the species, its evolutionary and natural history. Chapters from expert authors cover a vast range of taxa, from primates and elephants to marine mammals and freshwater fish, to reptiles, birds and invertebrates. It explains how evidence from the wild can be implemented into captive care to support the wider aims of the zoo (conservation, education, research and recreation).

CRC Press

November 2022 : 367pp

Pb: 978-1-032-07716-1 : **£57.99**

Hb: 978-1-032-07719-2 : **£150**

eBook: 978-1-003-20847-1

* For full contents and more information, visit: www.routledge.com/9781032077161

2ND EDITION

Arthropod-borne Infectious Diseases of the Dog and Cat



Edited by **Michael J. Day**

This book is an invaluable resource for information on the clinical presentation, pathogenesis, diagnosis and treatment of major arthropod-transmitted diseases of dogs and cats. Illustrated in colour throughout, the book incorporates photographs of clinical cases, haematology, cytology and gross and microscopic pathology, which help understand the diagnosis and treatment of these diseases. The book goes beyond just covering the diseases themselves and also provides information on the arthropods that transmit them. With the effects of climate change and increasing international pet travel, this book will be a valuable addition to every small animal practitioner's library.

CRC Press

June 2020 : 232pp

Pb: 978-0-367-57493-2 : **£45.99**

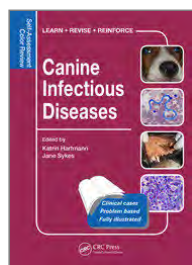
Hb: 978-1-498-70824-1 : **£175**

eBook: 978-0-429-06815-7

* For full contents and more information, visit: www.routledge.com/9780367574932

Canine Infectious Diseases

Self-Assessment Color Review



Edited by **Katrin Hartmann, Jane Sykes**

Series: *Veterinary Self-Assessment Color Review Series*

This book covers all types of canine infectious diseases, including infections caused by viruses, bacteria, parasites and fungi. Over 200 clinical cases are presented randomly, as in practice, and cover the range of infectious diseases which affect all the organ systems of the dog. Featuring international expert contributors, the illustrated cases contain integrated questions and detailed explanatory answers.

CRC Press

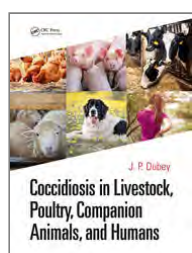
March 2018 : 288pp

Pb: 978-1-482-22515-0 : **£37.99**

eBook: 978-1-315-17199-9

* For full contents and more information, visit: www.routledge.com/9781482225150

Coccidiosis in Livestock, Poultry, Companion Animals, and Humans



Edited by **J. P. Dubey**

Despite an explosion of research in the last 40 years, there has been no new book published discussing conventional coccidiosis for more than 25 years. This comprehensive review therefore answers an urgent need for a book dealing exclusively with conventional coccidia (Eimeria and Isospora). It provides concise, authoritative, up to date information on coccidiosis, with particular attention to research in the last 28 years.

CRC Press

June 2022 : 396pp

Pb: 978-1-032-33759-3 : **£45.99**

Hb: 978-0-367-26592-2 : **£175**

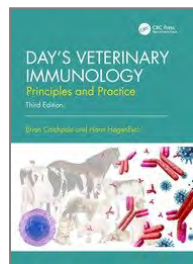
eBook: 978-0-429-29410-5

* For full contents and more information, visit: www.routledge.com/9781032337593

3RD EDITION

Day's Veterinary Immunology

Principles and Practice



Edited by **Brian Catchpole** Royal Vet College, **Harm HogenEsch** Purdue Univ.

Michael Day's Veterinary Immunology: Principles and Practice is the adopted text in numerous veterinary schools throughout the world. Updated and revised by Brian Catchpole and Harm HogenEsch with advances in knowledge since 2014, this third edition reflects the rapid developments in the field internationally, while preserving the strengths of Day's original writing. It adds numerous case studies demonstrating the clinical context across companion and farm animals. Animations hosted online add a new element of practical application.

CRC Press

May 2023 : 432pp

Pb: 978-1-032-31716-8 : **£53.99**

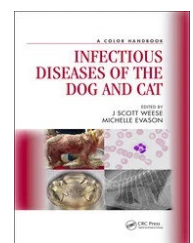
Hb: 978-1-032-31717-5 : **£145**

eBook: 978-1-003-31096-9

* For full contents and more information, visit: www.routledge.com/9781032317168

Infectious Diseases of the Dog and Cat

A Color Handbook



Edited by **J. Scott Weese, Michelle Evason**

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.

Routledge

May 2023 : 328pp

Pb: 978-1-032-57010-5 : **£48.99**

Hb: 978-1-498-77551-9 : **£125**

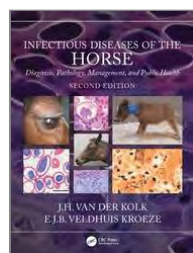
eBook: 978-0-429-18664-6

* For full contents and more information, visit: www.routledge.com/9781032570105

2ND EDITION

Infectious Diseases of the Horse

Diagnosis, pathology, management, and public health



Edited by **J.H. van der Kolk** Utrecht Univ., **E.J.B. Veldhuis Kroeze** Erasmus Univ. Med. Centre

This comprehensive yet practical book about established infectious diseases of horses is categorized according to the different pathogens. The majority of equine infectious diseases caused by microbes and parasites are covered - bacterial, viral, protozoan, fungal, ectoparasitic and helminthic. Practical Appendices contain a list of differential diagnoses based on clinical signs to support clinical decision-making, a list of zoonoses and reportable diseases, and illustrations of clinical pathology and hematology. This is a valuable resource for all veterinary practitioners, scientists, students, technicians and nurses working with horses.

CRC Press

December 2022 : 370pp

Hb: 978-1-032-05428-5 : **£160**

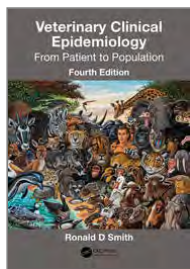
eBook: 978-1-003-19754-6

* For full contents and more information, visit: www.routledge.com/9781032054285

4TH EDITION

Veterinary Clinical Epidemiology

From Patient to Population



Ronald D. Smith University of Illinois College of Veterinary Medicine, Urbana, USA

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 includes self-evaluation questions based on edited clinical research abstracts of online full-text reports, providing a template for student evaluation. The updated book includes guidelines for improving patient and population health outcomes, and detecting emerging diseases through systematic evaluation of patient encounters and electronic medical records.

CRC Press

October 2019 : 272pp

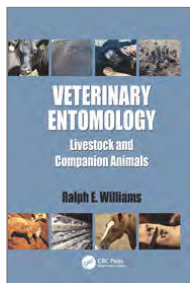
Pb: 978-1-138-39242-7 : **£84.99**Hb: 978-1-138-39298-4 : **£215**

eBook: 978-0-429-40219-7

* For full contents and more information, visit: www.routledge.com/9781138392427

Veterinary Entomology

Livestock and Companion Animals



Ralph E. Williams Purdue University, West Lafayette, Indiana, USA

The first modern text dedicated to veterinary entomology, this work identifies those insects and related arthropods affecting the well being of livestock and companion animals. It provides detailed information on the problems they cause, while also offering guidelines on recommended pest management practices with a special emphasis on current trends and technology. The book covers cattle, swine, sheep and goats, poultry, pet animals, and horses. Written by a leading expert, this book is an excellent resource for all those involved with the handling and research of livestock and companion animals, as well as students in entomology, agricultural, and veterinarian science.

CRC Press

May 2017 : 376pp

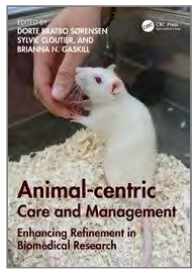
Pb: 978-1-138-11818-8 : **£76.99**Hb: 978-1-420-06849-8 : **£195**

eBook: 978-0-429-18433-8

* For full contents and more information, visit: www.routledge.com/9781138118188

Animal-centric Care and Management

Enhancing Refinement in Biomedical Research



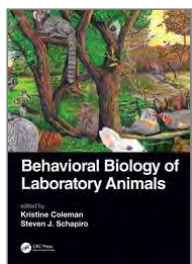
Edited by **Dorte Bratbo Sørensen**, Sylvie Cloutier
Canadian Council on Animal Care, **Brianna N. Gaskill**

By establishing an animal-centric view on housing and management, this book takes Refinement a step beyond "elimination of inhumanities". Rather than fitting animals into experimental conditions, it aims to adjust conditions to better meet the needs and preferences of the animals. Expert authors address how to define and measure animal welfare, the importance and nature of human-animal interactions, and how to promote a culture of care. Species-specific chapters focus on animals most commonly used as experimental models. This interdisciplinary book hopes to act as a catalyst, resulting in multiple viewpoints collaborating to optimize laboratory animal welfare.

CRC Press
October 2020 : 204pp
Pb: 978-0-367-18083-6 : £41.99
Hb: 978-0-367-18102-4 : £175
eBook: 978-0-429-05954-4

* For full contents and more information, visit: www.routledge.com/9780367180836

Behavioral Biology of Laboratory Animals



Edited by **Kristine Coleman** OR National Primate Research Cntr. USA, **Steven J. Schapiro** The University of TX MD Anderson Cancer Cntr.

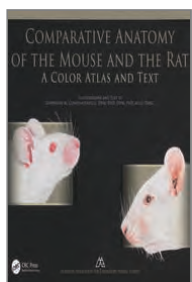
This 30-chapter volume informs students and professionals about the behavioral biology of animals commonly housed in laboratory and other captive settings. Each species evolved under specific environmental conditions, resulting in unique behavioral patterns, many of which are maintained in captivity even after generations of breeding. Understanding natural behavior is therefore a critical part of modern animal care practices. The descriptions, data, guidance, resources, and recommendations in this book will help the reader understand their animals better, refine the care and treatment that they receive, and improve their well-being, welfare, and wellness.

CRC Press
August 2021 : 560pp
Hb: 978-0-367-02923-4 : £175
eBook: 978-0-429-01951-7

* For full contents and more information, visit: www.routledge.com/9780367029234

Comparative Anatomy of the Mouse and the Rat

A Color Atlas and Text



Gheorghe M. Constantinescu

This Atlas provides detailed comparative anatomical information for those who work with mice and rats in animal research or veterinary medicine. Information is provided about the anatomical features and landmarks for conducting a physical examination, collecting biological samples, making injections of therapeutic and experimental materials, using imaging modalities, and performing surgeries.

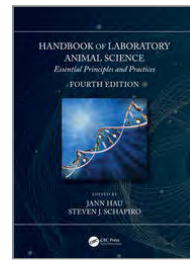
CRC Press
April 2018 : 276pp
Pb: 978-1-138-62403-0 : £210
eBook: 978-1-003-57659-4

* For full contents and more information, visit: www.routledge.com/9781138624030

4TH EDITION

Handbook of Laboratory Animal Science

Essential Principles and Practices



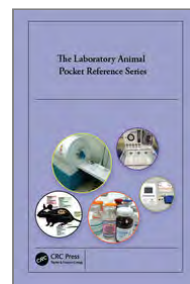
Edited by **Jann Hau** University of Copenhagen, Denmark, **Steven J. Schapiro** The University of TX MD Anderson Cancer Cntr.

Building upon the success of previous editions of the Handbook of Laboratory Animal Science, this revision combines all three volumes in one definitive guide. It covers the essential principles and practices of Laboratory Animal Science as well as selected animal models. Each chapter focuses on an important subdiscipline of laboratory animal science meaning the chapters can be read and used as stand-alone texts. With new contributors at the forefront of their fields, the book reflects the scientific and technological advances of the past decade, responds to advances in our understanding of animal behavior and emphasizes the importance of implementing the three Rs.

CRC Press
May 2021 : 1012pp
Hb: 978-1-138-34180-7 : £220
eBook: 978-0-429-43996-4

* For full contents and more information, visit: www.routledge.com/9781138341807

Laboratory Animals Pocket Reference Set



Various Various

Series: *Laboratory Animal Pocket Reference*

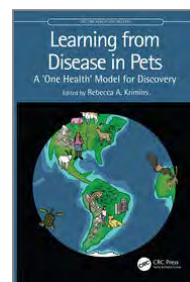
The Laboratory Animal Pocket Reference Series discusses procedures that ensure laboratory animals receive the best, most humane, and most responsible care possible. The 17 volumes are compact. The contents of each includes important biological features, husbandry, management, veterinary care, regulatory concerns, and commonly used and new procedures, as well as an invaluable list of suppliers. Each book in the series can be purchased individually or as part of the set.

CRC Press
March 2020 : 1000pp
Pb: 978-0-367-26150-4 : £550

* For full contents and more information, visit: www.routledge.com/9780367261504

Learning from Disease in Pets

A 'One Health' Model for Discovery



Edited by **Rebecca A. Krimins** Johns Hopkins University

Series: *CRC One Health One Welfare*

This is the first encompassing guide for veterinarians, researchers and physicians on conducting studies using spontaneous models of disease in animals. Using clinical trials to learn how pets with real disease respond to therapy can lead to breakthroughs in human medicine, as well as benefiting pets suffering from otherwise debilitating illness. The book details how to design a robust clinical study, encouraging veterinarians to build on and disseminate findings. It discusses communication styles, the ethics of using pets in veterinary clinical research, diseases that occur in animals and man, and regulatory requirements.

CRC Press
November 2020 : 306pp
Pb: 978-0-367-17310-4 : £84.99
Hb: 978-0-367-17316-6 : £215
eBook: 978-0-429-05617-8

* For full contents and more information, visit: www.routledge.com/9780367173104

Concise Textbook of Large Animal Handling

A Practical Handbook



C. B. Chastain Univ. of Missouri, College of Veterinary Medicine, Columbia, USA

This concise, instructional guide condenses the most important aspects of large animal handling. It provides a portable, durable, beside-the-animal means of learning, as well as a convenient way to refresh on safety and efficacy in animal handling techniques. The text covers handler and animal safety, sanitation, approach and capture, routine handling and release, handling for medical procedures and use of restraint equipment. Important reading for undergraduate veterinary students on EMS rotations, as well as practicing veterinarians, technicians and assistants, the book covers species encountered in farm, equine and laboratory settings.

CRC Press

June 2023 : 322pp

Pb: 978-0-367-62809-3 : **£41.99**

Hb: 978-0-367-62812-3 : **£105**

eBook: 978-1-003-11091-0

* For full contents and more information, visit: www.routledge.com/9780367628093

Health and Welfare of Brachycephalic (Flat-faced) Companion Animals

A Complete Guide for Veterinary and Animal Professionals



Edited by **Rowena Packer** The Royal Veterinary College, **Dan O'Neill** The Royal Veterinary College

Health and welfare issues relating to brachycephalic (flat-faced) dogs are now one of the most pressing problems facing companion animals. This book aims to equip veterinary professionals, animal welfare scientists, dog breeders and the interested owner with the full story about brachycephalic health and welfare. Cutting-edge knowledge is provided on a range of disciplines including anaesthesia, ophthalmology, dermatology, respiratory disease, neurological, dental, reproduction and weight control. The book offers substantial practical advice for veterinary teams on welfare and ethical issues around choosing, owning and caring for brachycephalic dogs to share with clients.

CRC Press

August 2021 : 418pp

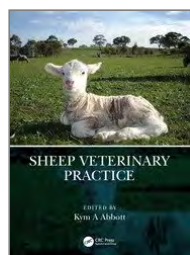
Pb: 978-0-367-20724-3 : **£41.99**

Hb: 978-0-367-20741-0 : **£96.99**

eBook: 978-0-429-26323-1

* For full contents and more information, visit: www.routledge.com/9780367207243

Sheep Veterinary Practice



Edited by **Kym A. Abbott** The University of Adelaide, Australia

Following on from Professor Abbott's The Practice of Sheep Veterinary Medicine, this new text remains the ideal reference for veterinarians in farm animal practice, veterinary and animal science students, agriculturalists and sheep producers. Principally addressing sheep health, welfare and production matters in Australia, this book also covers issues of relevance in any country where sheep are raised. Sheep veterinary specialist Professor Kym Abbott and his co-authors inform the reader of the science underpinning the occurrence of disease syndromes, giving special attention to commonly investigated problems related to nutrition, reproduction and helminthiasis.

CRC Press

July 2024 : 564pp

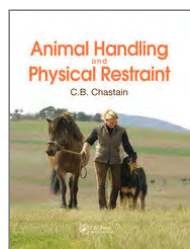
Pb: 978-1-032-38283-8 : **£125**

Hb: 978-1-032-38288-3 : **£300**

eBook: 978-1-003-34434-6

* For full contents and more information, visit: www.routledge.com/9781032382838

Animal Handling and Physical Restraint



C. B. Chastain Univ. of Missouri, College of Veterinary Medicine, Columbia, USA

The aim of the book is to prepare future or current veterinarians and veterinary technologists, technicians/nurses, and assistants to be able to handle animals more safely, gain the confidence of animals and their owners, and instruct owners in proper animal handling methods. No handling or restraint of animals is without risk, but proper animal handling and restraint aids in reducing the chance of physical or infectious disease injury to the handler and the animal handled. Minimum-stress handling of farm and ranch animals raised for meat, milk, or fiber also aids the producer in being more humane and gaining greater profitability.

CRC Press
February 2019 : 408pp
Pb: 978-0-367-02832-9 : **£41.99**
Hb: 978-1-498-76193-2 : **£175**
eBook: 978-1-315-15331-5

* For full contents and more information, visit: www.routledge.com/9780367028329

2ND EDITION

Arthropod-borne Infectious Diseases of the Dog and Cat



Edited by **Michael J. Day**

This book is an invaluable resource for information on the clinical presentation, pathogenesis, diagnosis and treatment of major arthropod-transmitted diseases of dogs and cats. Illustrated in colour throughout, the book incorporates photographs of clinical cases, haematology, cytology and gross and microscopic pathology, which help understand the diagnosis and treatment of these diseases. The book goes beyond just covering the diseases themselves and also provides information on the arthropods that transmit them. With the effects of climate change and increasing international pet travel, this book will be a valuable addition to every small animal practitioner's library.

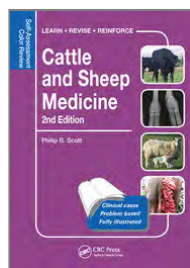
CRC Press
June 2020 : 232pp
Pb: 978-0-367-57493-2 : **£45.99**
Hb: 978-1-498-70824-1 : **£175**
eBook: 978-0-429-06815-7

* For full contents and more information, visit: www.routledge.com/9780367574932

2ND EDITION

Cattle and Sheep Medicine

Self-Assessment Color Review



Phillip Scott

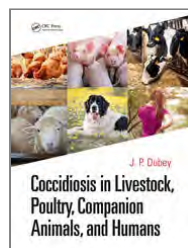
Series: Veterinary Self-Assessment Color Review Series

The new edition incorporates over 250 new clinical cases divided equally between cattle and sheep. The cases appear randomly to reflect real life practice and are presented as a set of integrated questions, photographs and detailed explanatory answers—to educate and not just to test. New images have been added for all cases and multiple choice questions are included for revision purposes. The diagnosis and treatment regimens described are those used by the author over the past 38 years in commercial large animal practice. They acknowledge the time and financial restrictions that occur in many situations, but require no specialised facilities or equipment.

CRC Press
June 2016 : 344pp
Pb: 978-1-498-74737-0 : **£41.99**
eBook: 978-0-429-09156-8

* For full contents and more information, visit: www.routledge.com/9781498747370

Coccidiosis in Livestock, Poultry, Companion Animals, and Humans



Edited by **J. P. Dubey**

Despite an explosion of research in the last 40 years, there has been no new book published discussing conventional coccidiosis for more than 25 years. This comprehensive review therefore answers an urgent need for a book dealing exclusively with conventional coccidia (Eimeria and Isospora). It provides concise, authoritative, up to date information on coccidiosis, with particular attention to research in the last 28 years

CRC Press
June 2022 : 396pp
Pb: 978-1-032-33759-3 : **£45.99**
Hb: 978-0-367-26592-2 : **£175**
eBook: 978-0-429-29410-5

* For full contents and more information, visit: www.routledge.com/9781032337593

Demystifying Dog Behaviour for the Veterinarian



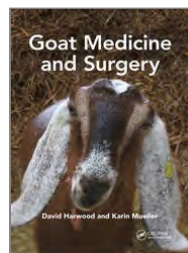
Kendal Shepherd Royal College of Veterinary Surgeons

This practical guide for busy veterinarians demystifies canine behaviour while emphasising its importance. Authored by acclaimed veterinary behaviour consultant Kendal Shepherd, the book provides practical knowledge of dog behaviour and an understanding of how to talk about it with clients. Shepherd shows how this can enhance the relationship between owner and pet and between dog and environment as well as improve the vet's own sense of fulfilment and enjoyment of practice. Packed with anecdotes drawn from real-life cases, the principles can be effortlessly assimilated into the average consultation.

CRC Press
April 2021 : 216pp
Pb: 978-0-367-54991-6 : **£25.99**
Hb: 978-0-367-71639-4 : **£175**
eBook: 978-1-003-15303-0

* For full contents and more information, visit: www.routledge.com/9780367549916

Goat Medicine and Surgery



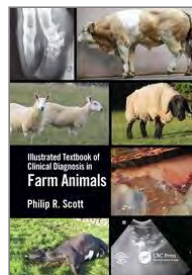
David Harwood BVetMed, FRCVS Chairman, GVS; Hon Vet Surgeon, BGS; Visiting Reader in Vet Field Pathology, Dept of Pathology and Infectious Diseases, School of Vet Medicine, University of Surrey, **Karin Mueller** MVSc DCHP DipECBHM MRCVS Senior Lecturer, Institute of Veterinary Science, University of Liverpool; RCVS and European Diplomate & Specialist in Cattle / Bovine Health

Goat Medicine and Surgery describes key diseases encountered in general practice along with their diagnoses, treatment, prognoses, and control. The book is divided into chapters covering each body system. Diseases and disorders are included with the common differential diagnoses followed by the specific diagnosis and recommended treatment(s). In addition the book covers basic anatomy, commons breeds, and husbandry. The book will be invaluable to veterinarians in practice and training, animal scientists and agricultural advisors, and scientists interested in animal welfare.

CRC Press
March 2020 : 392pp
Pb: 978-0-367-89342-2 : **£58.99**
Hb: 978-1-498-74863-6 : **£165**
eBook: 978-1-315-15223-3

* For full contents and more information, visit: www.routledge.com/9780367893422

Illustrated Textbook of Clinical Diagnosis in Farm Animals



Philip R Scott Edinburgh Veterinary School

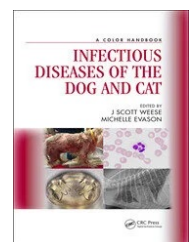
Providing veterinary students with a brand-new approach to large animal medicine, this portable textbook first describes the detailed examination of each organ system achievable on the farm, illustrated via 2000+ unique images and 1000+ video recordings. Key points, images and video recordings then provide differential diagnoses for common farm animal clinical presentations. The repository of video clips show the clinical presentation, diagnosis, recovery or pathology of all common disorders. Small and spiral-bound, the book offers a lifeline for veterinary students during their EMS (extra-mural studies) placements.

CRC Press
August 2022 : 414pp
Pb: 978-0-367-61270-2 : **£58.99**
Hb: 978-1-032-19750-0 : **£155**
eBook: 978-1-003-10645-6

* For full contents and more information, visit: www.routledge.com/9780367612702

Infectious Diseases of the Dog and Cat

A Color Handbook



Edited by **J Scott Weese , Michelle Evason**

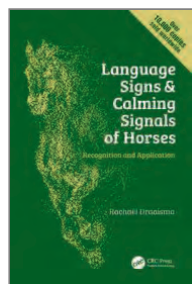
This is a concise and quick reference guide, clinically oriented, based on experience underpinned by published research data. The systems-based approach emphasizes the problem list process utilized by most practitioners when faced with a patient presenting with a single or variety of clinical symptoms. 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.

Routledge
May 2023 : 328pp
Pb: 978-1-032-57010-5 : **£48.99**
Hb: 978-1-498-77551-9 : **£125**
eBook: 978-0-429-18664-6

* For full contents and more information, visit: www.routledge.com/9781032570105

Language Signs and Calming Signals of Horses

Recognition and Application



Rachael Draaisma

This practical book helps you interpret and connect the physical signals that horses display in response to their environment. These signals are evident in the everyday actions, gestures and attitudes that horses communicate to each other, but are often so subtle that they can go unnoticed by humans. This book aims to rectify that, offering horse lovers and equine professionals an opportunity to gain a unique insight into their 'horse's world', allowing them to calm the horse before his stress rises to an unmanageable level.

CRC Press
October 2017 : 200pp
Hb: 978-1-138-07015-8 : **£33.99**
eBook: 978-1-315-26566-7

* For full contents and more information, visit: www.routledge.com/9781138070158

Pig Health



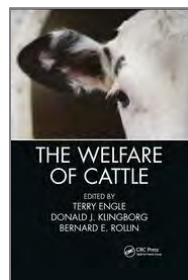
John Carr , Shih-Ping Chen , Joseph F. Connor
Carthage Veterinary Services Ltd., Illinois, USA, **Roy Kirkwood , Joaquim Segalés** Autonomous University of Barcelona, Spain

Maintaining the health of pigs is vital in pig farming and production. This new book written by experts from around the world focuses on the health of pigs, first with coverage of the diseases organized by body system and then with coverage of health maintenance. The book includes over 1,500 high-quality illustrations which, where appropriate, enhance the clinical description. Clinical examination of the individual pig and groups are covered along with environmental medicine.

CRC Press
March 2020 : 512pp
Pb: 978-0-367-89340-8 : **£58.99**
Hb: 978-1-498-70472-4 : **£165**
eBook: 978-1-315-15706-1

* For full contents and more information, visit: www.routledge.com/9780367893408

The Welfare of Cattle



Edited by **Terry Engle , Donald J. Klingborg, DVM**
School of Veterinary Medicine, University of California, Davis, USA, **Bernard E. Rollin** Colorado State University, Fort Collins, USA

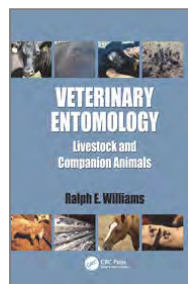
The Welfare of Cattle offers an accurate, detailed account of the ethical and welfare concerns related to the human use of cattle. Covering both beef and dairy cattle, it provides in-depth information on the husbandry roots of traditional agriculture, the replacement of this system by an industrial model, and the resulting welfare challenges associated with feedlots, highly industrialized dairies, and slaughterhouses killing huge numbers of animals who have been transported great distances.

CRC Press
March 2020 : 368pp
Pb: 978-0-367-89349-1 : **£58.99**
Hb: 978-1-138-19706-0 : **£165**
eBook: 978-1-315-28245-9

* For full contents and more information, visit: www.routledge.com/9780367893491

Veterinary Entomology

Livestock and Companion Animals



Ralph E. Williams Purdue University, West Lafayette, Indiana, USA

The first modern text dedicated to veterinary entomology, this work identifies those insects and related arthropods affecting the well being of livestock and companion animals. It provides detailed information on the problems they cause, while also offering guidelines on recommended pest management practices with a special emphasis on current trends and technology. The book covers cattle, swine, sheep and goats, poultry, pet animals, and horses. Written by a leading expert, this book is an excellent resource for all those involved with the handling and research of livestock and companion animals, as well as students in entomology, agricultural, and veterinarian science.

CRC Press
May 2017 : 376pp
Pb: 978-1-138-11818-8 : **£76.99**
Hb: 978-1-420-06849-8 : **£195**
eBook: 978-0-429-18433-8

* For full contents and more information, visit: www.routledge.com/9781138118188

4TH EDITION

Clinical Medicine of the Dog and Cat



Edited by **Michael Schaer** University of Florida, College of Veterinary Medicine, USA, **Frederic Gaschen** School of Veterinary Medicine, Louisiana State University, **Stuart Walton**

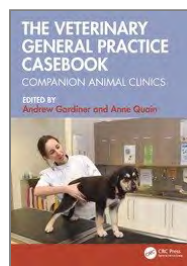
This fourth edition remains the most extensively illustrated and practical small animal veterinary medicine textbook available. It continues and expands on the revolutionary approach of the previous three editions, now including more than 1100 highly relevant clinical colour photographs, diagrams, and tables. The practical information is presented with text, tables, and algorithms, while each chapter is arranged to provide the definition of each disorder, its clinical features, the differential diagnoses, the diagnostic methodology, and the treatment and prognosis.

CRC Press
October 2022 : 1098pp
Hb: 978-1-032-16894-4 : £135
eBook: 978-1-003-25459-1

* For full contents and more information, visit: www.routledge.com/9781032168944

The Veterinary General Practice Casebook

Companion Animal Clinics



Edited by **Andrew Gardiner** University of Edinburgh, **Anne Quain** Sydney School of Veterinary Sc.

The Vet GP Casebook echoes life at the coal face of companion animal practice. Organised into 'clinics', each chapter feels like a day in the life of a busy general practitioner, where emergencies are juggled with routine consultations. Ideal for senior veterinary students, graduates, those returning to practice, and those seeking a GP workout, this book presents cases as they appear in real life, often messier and less complete than textbook descriptions. The clinical content is complemented by topics on wellbeing and professional practice, as well as recipes for simple and nutritious meals to feed veterinary body and soul.

CRC Press
February 2025 : 360pp
Pb: 978-1-032-24376-4 : £64.99
Hb: 978-1-032-24377-1 : £160
eBook: 978-1-003-27830-6

* For full contents and more information, visit: www.routledge.com/9781032243764

Health and Welfare of Brachycephalic (Flat-faced) Companion Animals

A Complete Guide for Veterinary and Animal Professionals



Edited by **Rowena Packer** The Royal Veterinary College, **Dan O'Neill** The Royal Veterinary College

Health and welfare issues relating to brachycephalic (flat-faced) dogs are now one of the most pressing problems facing companion animals. This book aims to equip veterinary professionals, animal welfare scientists, dog breeders and the interested owner with the full story about brachycephalic health and welfare. Cutting-edge knowledge is provided on a range of disciplines including anaesthesia, ophthalmology, dermatology, respiratory disease, neurological, dental, reproduction and weight control. The book offers substantial practical advice for veterinary teams on welfare and ethical issues around choosing, owning and caring for brachycephalic dogs to share with clients.

CRC Press
August 2021 : 418pp
Pb: 978-0-367-20724-3 : £41.99
Hb: 978-0-367-20741-0 : £96.99
eBook: 978-0-429-26323-1

* For full contents and more information, visit: www.routledge.com/9780367207243

2ND EDITION

Pocket Handbook of Small Animal Medicine



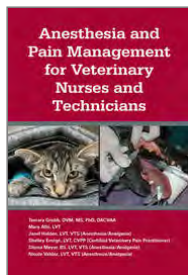
Kit Sturgess Vet Freedom Ltd, Hampshire, UK

Concise and problem-oriented, this second edition focuses on the essentials of medicine and surgery of the dog and cat. Packed with bullet points, flowcharts and tables for quick reference, the book helps start the process of case management and resolution. It includes tips and hints on interpretation of physical signs, diagnostic tests and management of common presenting conditions. Full colour algorithms assist decision-making, specifically in clinical presentations and critical care. The new edition is completely updated and contains important new sections on client communication and professional conduct, mental health and wellbeing, therapeutics and common procedures.

CRC Press
March 2025 : 224pp
Pb: 978-1-498-75877-2 : £53.99
Hb: 978-1-032-73231-2 : £155

* For full contents and more information, visit: www.routledge.com/9781498758772

Anesthesia and Pain Management for Veterinary Nurses and Technicians



Tamara L. Grubb, Mary Albi, Shelley Ensign, Janel Holden, Shona Meyer, Nicole Valdez

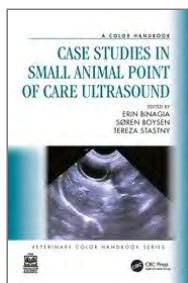
This textbook and clinical guide is ideal for veterinary nurses and technicians in training. It offers a concise yet comprehensive resource for veterinary students and practitioners desiring a review of anesthesia and analgesia with step-by-step guidelines. A wealth of illustrations demonstrate the theory in practice.

Teton NewMedia
March 2020 : 498pp
Pb: 978-1-591-61050-2 : **£55.99**
eBook: 978-1-351-01291-1

* For full contents and more information, visit: www.routledge.com/9781591610502

Case Studies in Small Animal Point of Care Ultrasound

A Color Handbook



Edited by Erin Binagia Michigan State Univ., **Soren Boysen** Calgary Univ., **Tereza Stastny** Arizona Veterinary, Emergency and Critical Care Centre

Series: *Veterinary Color Handbook Series*

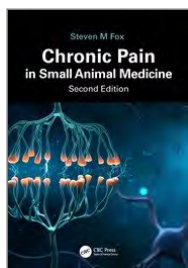
This illustrated practical guide covers the many facets of small animal point of care ultrasound (POCUS) using clinical cases commonly seen in practice. It details specific point of care ultrasound techniques, views, interpretations, pitfalls and knowledge gaps, highlighting the utility initial and serial point of care ultrasound for both diagnostic and patient management purposes. Focusing on commonly asked questions and applications, the authors take a binary question approach to veterinary POCUS, shown to decrease errors in human POCUS. The ideal reference for small animal and mixed practitioners and students, accompanying videos can be accessed by QR codes in the text.

CRC Press
March 2025 : 440pp
Pb: 978-0-367-54725-7 : **£92.99**
Hb: 978-1-032-56656-6 : **£240**

* For full contents and more information, visit: www.routledge.com/9780367547257

2ND EDITION

Chronic Pain in Small Animal Medicine



Steven M. Fox SECUIROS - a division of MWI, Clive, Iowa, USA

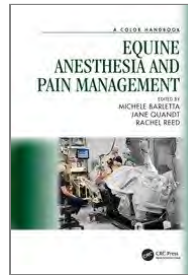
Over the past decade, many advances have been made in the discipline of pain management, including embracement under the One Medicine initiative to improve the health and well-being of multiple species. Contributing significantly to this progress is the evidence base provided by multimodal management of chronic diseases such as osteoarthritis, a leading cause of pet euthanasia. These advances are explored in this updated edition, which goes beyond common protocols by focusing on the latest evidence and our understanding of 'why and how to treat'.

CRC Press
August 2023 : 294pp
Pb: 978-1-032-45144-2 : **£81.99**
Hb: 978-1-032-45316-3 : **£210**
eBook: 978-1-003-37642-2

* For full contents and more information, visit: www.routledge.com/9781032451442

Equine Anesthesia and Pain Management

A Color Handbook



Edited by Michele Barletta Georgia Univ., **Jane Quandt** Georgia Univ., **Rachel Reed** Georgia Univ.

Series: *Veterinary Color Handbook Series*

Equine Anesthesia and Pain Management: A Color Handbook brings together key information for clinicians in an easy-to-use, problem-orientated format. It disseminates a wealth of knowledge in a quick reference style, with a focus on clinical practice. Fifteen chapters cover everything from anesthetic equipment, premedication and physical restraint, to total intravenous anesthesia, inhalant anesthesia and partial intravenous anesthesia, recovery, complications, and euthanasia. Over 250 superb color photographs and diagrams bring the material to life. This book will be invaluable to equine practitioners, veterinary technicians/nurses, and veterinary students.

CRC Press
October 2022 : 284pp
Pb: 978-1-498-74958-9 : **£71.99**
Hb: 978-1-032-30962-0 : **£185**
eBook: 978-0-429-19094-0

* For full contents and more information, visit: www.routledge.com/9781498749589

Practical Handbook of Small Animal Soft Tissue Surgery



Vanna Dickerson, Kelley Thiemann Mankin

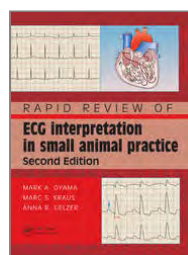
This concise, image-heavy text provides a step-by-step guide to perform common surgical procedures encountered in small animal general practice. A resource for busy practitioners as well as upper-level undergraduate veterinary students, it offers a "how to" with tips and tricks. Select surgical procedures are broken down into steps, including suggested suture materials and patterns. The spiralbound, portable format allows practitioners to reference the book, open, during surgery. The bullet-point presentation also enables fast review of "need to know" information prior to entering the operating room.

CRC Press
May 2025 : 224pp
Pb: 978-1-032-48962-9 : **£53.99**
Hb: 978-1-032-48963-6 : **£180**

* For full contents and more information, visit: www.routledge.com/9781032489629

2ND EDITION

Rapid Review of ECG Interpretation in Small Animal Practice



Mark Oyama Department of Clinical Studies, Matthew J. Ryan Veterinary Hospital, University of Pennsylvania, Philadelphia, USA, **Marc S. Kraus, Anna R Gelzer**

The standard electrocardiogram (ECG) is an indispensable, safe and inexpensive test to assess dogs and cats with heart disease. After discussing the principles of electrocardiography, this book systematically explores the evaluation of the ECG, including determination of heart rate, measurement of intervals, derivation of mean electrical axis, and criteria for atrial/ventricular enlargement or hypertrophy. This new edition contains instructions on how to obtain an ECG and two new chapters about treatment of the most common clinically important ECG arrhythmias, and on 24hr ECG (Holter) monitoring. It now includes advanced as well as basic cases for the reader to work through.

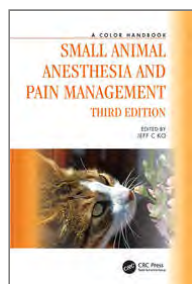
CRC Press
December 2019 : 156pp
Pb: 978-0-367-14675-7 : **£37.99**
Hb: 978-0-367-14688-7 : **£180**
eBook: 978-0-429-05311-5

* For full contents and more information, visit: www.routledge.com/9780367146757

3RD EDITION

Small Animal Anesthesia and Pain Management

A Color Handbook



Edited by **Jeff C. Ko** College of Veterinary Medicine, Purdue University, USA

Series: *Veterinary Color Handbook Series*

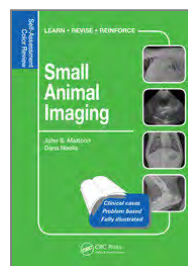
Small Animal Anesthesia and Pain Management is a thoroughly updated and much expanded third edition that provides comprehensive coverage of the world of veterinary anesthesia and pain management. This clinically focused text draws upon practical experience and clinical evidence from various sources. It provides drug dosages and anesthetic protocols in tabular form, complemented by over 400 illustrations that enhance comprehension and visual clarity. These chapters shine a spotlight on a newly approved drug, showcasing the practical application of Zenalpa® (medetomidine and vatinoxan) for a range of sedative and anesthetic combinations in dogs and cats.

CRC Press
November 2024 : 478pp
Hb: 978-1-032-40589-6 : **£120**
eBook: 978-1-003-35379-9

* For full contents and more information, visit: www.routledge.com/9781032405896

Small Animal Imaging

Self-Assessment Review



John S. Mattoon Adjunct Professor of Radiology, College of Veterinary Medicine, Washington State University, USA.
, Dana Neelis

Series: *Veterinary Self-Assessment Color Review Series*

Presented in an easy-to-ready format, Small Animal Imaging: Self-Assessment Color Review offers a case-based approach to reviewing and interpreting images and developing a differential diagnosis when necessary. Nearly 200 cases are presented, each beginning with the patient's age, gender, breed, and species. The reason the patient was brought to the clinic is discussed along with preliminary examination and diagnostic test findings. Supporting high-quality images are also presented with each case. A separate section presents detailed answers including information on the radiographic findings, radiographic diagnosis, comments, and notes on whether further imaging or evaluation is needed.

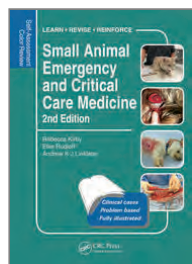
CRC Press
March 2018 : 280pp
Pb: 978-1-482-22520-4 : **£41.99**
Hb: 978-1-138-09149-8 : **£180**
eBook: 978-1-315-38186-2

* For full contents and more information, visit: www.routledge.com/9781482225204

2ND EDITION

Small Animal Emergency and Critical Care Medicine

Self-Assessment Color Review, Second Edition



Rebecca Kirby, Rebecca Kirby Gainesville, Florida, USA,
Elke Rudloff, Drew Linklater

Series: *Veterinary Self-Assessment Color Review Series*

Written by a team of highly skilled authors, this book contains new cases covering all aspects of emergency and critical care medicine where a co-ordinated team approach to patient care is needed. By providing over 200 randomly organised cases in the form of integrated questions, illustrations and explanations, it allows readers to test skills in emergency situations, making rapid decisions, diagnostic and treatment plans. Detailed explanatory answers are then provided which will guide them through each clinical situation.

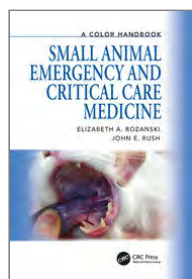
CRC Press
February 2015 : 254pp
Pb: 978-1-482-22592-1 : **£41.99**
eBook: 978-0-429-15964-0

* For full contents and more information, visit: www.routledge.com/9781482225921

2ND EDITION

Small Animal Emergency and Critical Care Medicine

A Color Handbook



Elizabeth Rozanski School of Veterinary Medicine, Tufts University, Massachusetts, USA, **John Rush** School of Veterinary Medicine, Tufts University, Massachusetts, USA

Series: *Veterinary Color Handbook Series*

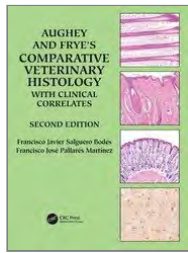
This book focuses on management of the more common emergency and critical care conditions encountered in clinical practice, collated in a concise manual. There are chapters on emergencies affecting each body system, on toxicology and other environmental causes, and on critical care techniques ranging from patient monitoring, anesthesia and analgesia to fluid therapy, transfusion medicine and nutritional support, plus a chapter describing clinical skills and procedures. The text is illustrated by top-quality color photos, imaging, and diagrams, and key information is highlighted in tabular form.

CRC Press
April 2012 : 330pp
Pb: 978-1-840-76185-6 : **£58.99**
eBook: 978-0-429-15838-4

* For full contents and more information, visit: www.routledge.com/9781840761856

2ND EDITION

Aughey and Frye's Comparative Veterinary Histology with Clinical Correlates



Francisco Javier Salguero Bodes Public Health England
, Francisco Jose Pallares Martinez Murcia Univ.

Organized by body system, the new edition of this highly illustrated textbook covers the normal histological appearance of tissues in a wide range of animals, with relevant clinical correlates emphasizing the need to appreciate the normal in order to recognize the abnormal. In this update by two experienced veterinary pathologists and histology lecturers, new species, such as other companion mammals, aquatic species and livestock, are introduced into each chapter along with a wealth of new high-quality images. A new chapter covers epithelial tissue and new techniques used in histology and histopathology are discussed throughout, including ISH and digital image analysis.

CRC Press

April 2023 : 268pp

Pb: 978-1-032-36448-3 : **£57.99**

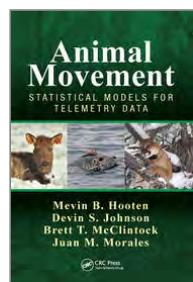
Hb: 978-1-032-36797-2 : **£155**

eBook: 978-1-003-33380-7

* For full contents and more information, visit: www.routledge.com/9781032364483

Animal Movement

Statistical Models for Telemetry Data



Mevin B. Hooten, Devin S. Johnson, Brett T. McClintock, Juan M. Morales

Animal Movement is an essential reference for wildlife biologists, quantitative ecologists, and statisticians who seek a deeper understanding of modern animal movement models. A wide variety of modeling approaches are reconciled in the book using a consistent notation. Models are organized into groups based on how they treat the underlying spatio-temporal process of movement. Connections among approaches are highlighted to allow the reader to form a broader view of animal movement analysis and its associations with traditional spatial and temporal statistical modeling.

CRC Press

June 2021 : 320pp

Pb: 978-1-032-09718-3 : **£54.99**

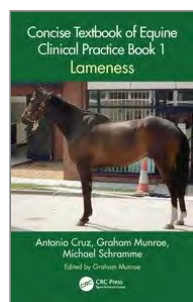
Hb: 978-1-466-58214-9 : **£175**

eBook: 978-1-315-11774-4

* For full contents and more information, visit: www.routledge.com/9781032097183

Concise Textbook of Equine Clinical Practice Book 1

Lameness



Antonio Cruz Justus Liebig Univ. Giessen, **Graham Munroe** Cambridge Veterinary School, **Michael Schramme** Royal College of Vet. Surgeons

This concise, practical text covers the essential information veterinary students need to succeed in Equine practice, focussing on lameness. Written for an international readership, the book conveys the core information in an easily digestible, precise form with extensive use of bullet-points, lists, protocols and extensive illustration (over 650 full colour, high quality photographs and radiographs). Part of a five-book series that extracts key information from Munroe's Equine Surgery, Reproduction and Medicine, the book distils best practice in a logical clinical-based approach. The spiralbound format allows the book to lie open during practice.

CRC Press

October 2023 : 364pp

Pb: 978-1-032-06614-1 : **£59.99**

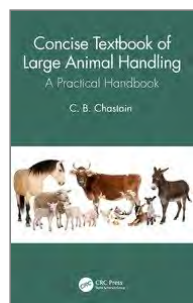
Hb: 978-1-032-43886-3 : **£155**

eBook: 978-1-003-36922-6

* For full contents and more information, visit: www.routledge.com/9781032066141

Concise Textbook of Large Animal Handling

A Practical Handbook



C. B. Chastain Univ. of Missouri, College of Veterinary Medicine, Columbia, USA

This concise, instructional guide condenses the most important aspects of large animal handling. It provides a portable, durable, beside-the-animal means of learning, as well as a convenient way to refresh on safety and efficacy in animal handling techniques. The text covers handler and animal safety, sanitation, approach and capture, routine handling and release, handling for medical procedures and use of restraint equipment. Important reading for undergraduate veterinary students on EMS rotations, as well as practicing veterinarians, technicians and assistants, the book covers species encountered in farm, equine and laboratory settings.

CRC Press

June 2023 : 322pp

Pb: 978-0-367-62809-3 : **£41.99**

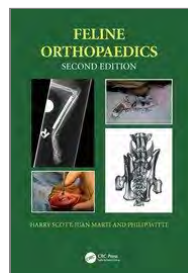
Hb: 978-0-367-62812-3 : **£105**

eBook: 978-1-003-11091-0

* For full contents and more information, visit: www.routledge.com/9780367628093

2ND EDITION

Feline Orthopaedics



Harry Scott Southern Counties Veterinary Specialists, Hangersley, Ringwood, Hampshire, United Kingdom, **Juan M. Marti, Philip Witte** Southern Counties Veterinary Specialists, Hangersley, Ringwood, Hampshire, United Kingdom

Cats are not referred to specialists as frequently as dogs, meaning the general practitioner must routinely treat cats that have been involved in traffic accidents and other musculoskeletal trauma. This book was the first to provide a practical and user-friendly guide to feline orthopaedics and this second edition has been thoroughly updated, with new chapters on Physiotherapy and Oncology of the Feline Skeletal System. The text is supported by high quality radiographs, colour photographs and line drawings to illustrate principles, techniques and procedures, appealing to GP veterinarians, specialist feline practitioners and students.

CRC Press

May 2022 : 401pp

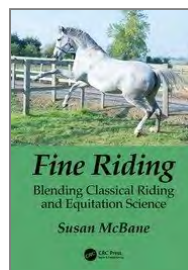
Hb: 978-1-498-76497-1 : **£115**

eBook: 978-0-429-09153-7

* For full contents and more information, visit: www.routledge.com/9781498764971

Fine Riding

Blending Classical Riding and Equitation Science



Susan McBane

In precise, practical language, Fine Riding describes how to blend the principles of classical riding with the modern findings of Equitation Science. Applicable to riding of all schools of thought, from hacking to racing, including jumping, McBane applies the results of rigorous scientific studies to the historical, classical training and riding of horses in an ethical, humane and effective way. The book explains the principles of 'fine riding' in such a way that readers will feel able to put them into effect themselves, serving their horses with renewed understanding and commitment.

CRC Press

September 2021 : 226pp

Pb: 978-0-367-63894-8 : **£37.99**

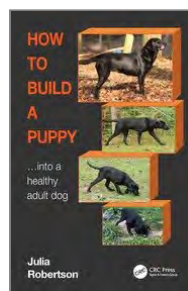
Hb: 978-0-367-63895-5 : **£96.99**

eBook: 978-1-003-12119-0

* For full contents and more information, visit: www.routledge.com/9780367638948

How to Build a Puppy

Into a Healthy Adult Dog



Julia Robertson Galen Myotherapy, UK

Using her world-renowned Galen Myotherapy Puppy Physical Development Plan®, Robertson suggests small but important changes to the way we look after puppies and growing dogs. Environment, exercise and activity habits have deep, ongoing effects and the book explores ways in which positive change can be integrated easily into our normal lives. A section on anatomy explains how everything fits together while practical exercises and activities help build good foundations. This book will help canine professionals better advise their clients, but also empower readers to ask more questions from their vet, breeder, or puppy trainer.

CRC Press

June 2022 : 288pp

Pb: 978-1-032-21520-4 : **£22.99**

Hb: 978-1-032-21521-1 : **£58.99**

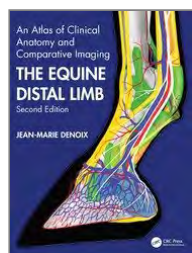
eBook: 978-1-003-26878-9

* For full contents and more information, visit: www.routledge.com/9781032215204

2ND EDITION

The Equine Distal Limb

An Atlas of Clinical Anatomy and Comparative Imaging



Jean-Marie Denoix

This new edition replaces existing ultrasound images and most of the radiographic and MRI images with new, updated versions and adds new images of extraordinarily high quality, the multiple views of each area of the distal limb providing an extremely detailed evaluation. The diagnosis and management of distal limb lameness require a precise knowledge of the functional anatomy and biomechanics of the equine distal joints, ligaments and tendons which are presented in the last chapter. The book is designed for maximum clarity using a generous page size. The atlas is essential for anybody involved in detailed anatomical study, complex lameness evaluation or advanced imaging techniques.

CRC Press

April 2025 : 464pp

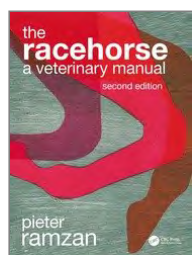
Hb: 978-1-032-06071-2 : £220

* For full contents and more information, visit: www.routledge.com/9781032060712

2ND EDITION

The Racehorse

A Veterinary Manual



Piet Ramzan Rosssdales Veterinary Surgeons

This has become the definitive text for primary care of the Thoroughbred racehorse. Written by one of the world's leading racehorse veterinary clinicians, it sets out best practice standards of diagnosis and management of all the major conditions likely to be encountered in racehorse clinical practice, as well as comprehensively reviewing subjects as diverse as pre-purchase assessment and exercise physiology. This second edition has been thoroughly updated and introduces new chapters on a range of topics from injury risk assessment to electrolyte and fluid therapy.

CRC Press

July 2023 : 498pp

Hb: 978-0-367-42831-0 : £165

eBook: 978-1-003-00384-7

* For full contents and more information, visit: www.routledge.com/9780367428310

2ND EDITION

Avian Medicine and Surgery

Self-Assessment Color Review, Second Edition



Edited by **Neil A. Forbes** Great Western Exotic Vets, Swindon, UK, **David Sanchez-Migallon Guzman** UC Davis, California, USA

Series: Veterinary Self-Assessment Color Review Series

The completely revamped second edition of Avian Medicine and Surgery includes over 260 all-new colour illustrated cases. The international editor and author team present a breadth of cases in random order, just as they would occur in actual practice. Questions based on each case are accompanied with answers that fully explore the disease or disorder in question. The book provides a valuable reference for both candidates preparing for examinations and practitioners in their continuing education.

CRC Press
July 2017 : 384pp
Pb: 978-1-498-70351-2 : £41.99
eBook: 978-1-315-11937-3

* For full contents and more information, visit: www.routledge.com/9781498703512

2ND EDITION

Cardiovascular Disease in Companion Animals

Dog, Cat and Horse



Wendy A. Ware Iowa State University, Ames, USA, **John D. Bonagura** The Ohio State University College of Veterinary Medicine, Columbus, USA

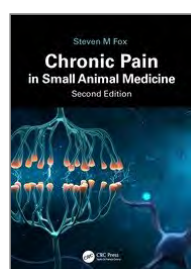
This new edition of Cardiovascular Disease in Companion Animals now covers the horse as well as small animals. The book has been completely revised, expanded into five key sections, and contains a new Summary Formulary at end. Since first publication in 2007, Dr Ware's authoritative yet user-friendly guide to cardiovascular diseases and disorders in veterinary practice has been widely praised. Coverage includes evaluation techniques, investigative procedures, diagnosis, medical and surgical management options and methods. This second edition is a must-have for general practitioners, veterinary students, and residents.

CRC Press
August 2021 : 966pp
Hb: 978-1-482-24622-3 : £180
eBook: 978-0-429-18663-9

* For full contents and more information, visit: www.routledge.com/9781482246223

2ND EDITION

Chronic Pain in Small Animal Medicine



Steven M. Fox SECUIROS - a division of MWI, Clive, Iowa, USA

Over the past decade, many advances have been made in the discipline of pain management, including embracement under the One Medicine initiative to improve the health and well-being of multiple species. Contributing significantly to this progress is the evidence base provided by multimodal management of chronic diseases such as osteoarthritis, a leading cause of pet euthanasia. These advances are explored in this updated edition, which goes beyond common protocols by focusing on the latest evidence and our understanding of 'why and how to treat'.

CRC Press
August 2023 : 294pp
Pb: 978-1-032-45144-2 : £81.99
Hb: 978-1-032-45316-3 : £210
eBook: 978-1-003-37642-2

* For full contents and more information, visit: www.routledge.com/9781032451442

4TH EDITION

Clinical Medicine of the Dog and Cat



Edited by **Michael Schaer** University of Florida, College of Veterinary Medicine, USA, **Frederic Gaschen** School of Veterinary Medicine, Louisiana State University, **Stuart Walton**

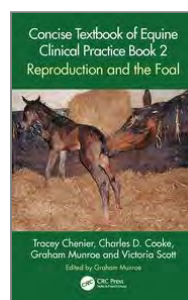
This fourth edition remains the most extensively illustrated and practical small animal veterinary medicine textbook available. It continues and expands on the revolutionary approach of the previous three editions, now including more than 1100 highly relevant clinical colour photographs, diagrams, and tables. The practical information is presented with text, tables, and algorithms, while each chapter is arranged to provide the definition of each disorder, its clinical features, the differential diagnoses, the diagnostic methodology, and the treatment and prognosis.

CRC Press
October 2022 : 1098pp
Hb: 978-1-032-16894-4 : £135
eBook: 978-1-003-25459-1

* For full contents and more information, visit: www.routledge.com/9781032168944

Concise Textbook of Equine Clinical Practice Book 2

Reproduction and the Foal



Tracey Chenier Ontario Vet. College, **Charles D. Cooke** Equine Reproductive Services, **Graham Munroe** Cambridge Veterinary School, **Victoria Scott** Univ. of Glasgow

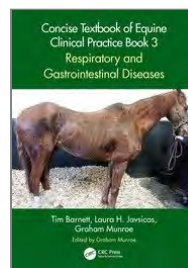
This concise, practical text covers the essential information veterinary students, new graduates and practitioners need to succeed in Equine practice, focussing on reproduction. Written for an international readership, the book conveys the core information in an easily digestible, precise form with extensive use of bullet-points, lists, diagrams, protocols and extensive illustrations. Part of a five-book series that extracts and updates key information from Munroe's Equine Surgery, Reproduction and Medicine, Second Edition, the book distils best practice in a logical straightforward clinical-based approach. The spiralbound format allows the book to lie open during practice.

CRC Press
October 2023 : 222pp
Pb: 978-1-032-06618-9 : £59.99
Hb: 978-1-032-47982-8 : £155
eBook: 978-1-003-38683-4

* For full contents and more information, visit: www.routledge.com/9781032066189

Concise Textbook of Equine Clinical Practice Book 3

Respiratory and Gastrointestinal Diseases



Tim Barnett Rosdals Veterinary Surgeons, **Laura H. Javiskas** Rhinebeck Equine, NY, **Graham Munroe** Cambridge Veterinary School

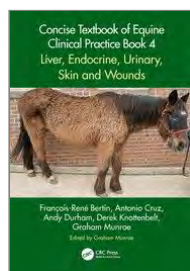
This concise, practical text covers the essential information veterinary students and nurses, new graduates and practitioners need to succeed in equine medicine, focussing on respiratory and gastrointestinal diseases. Written for an international readership, the book conveys the core information in an easily digestible, precise form with extensive use of bullet-points, lists, diagrams, protocols and extensive illustration (over 200 full colour, high-quality photographs). The emphasis is on information tailored to general equine students and clinicians with just enough on advanced techniques to make the practitioner aware of what is available elsewhere.

CRC Press
February 2024 : 296pp
Pb: 978-1-032-06616-5 : £64.99
Hb: 978-1-032-54838-8 : £165
eBook: 978-1-003-42771-1

* For full contents and more information, visit: www.routledge.com/9781032066165

Concise Textbook of Equine Clinical Practice Book 4

Liver, Endocrine, Urinary, Skin and Wounds



Edited by **Graham Munroe** Cambridge Veterinary School, **François-René Bertin** Univ. of Queensland, **Antonio Cruz** Liphook Equine Hospital, **Andy Durham** Equine Medical Solutions, **Antonio Cruz** Justus Liebig Univ. Giessen

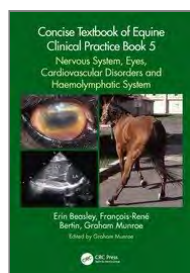
This concise, practical text covers the essential information Equine veterinary students need, focusing on skin, urinary, liver and endocrine diseases. The book conveys the core information in an easily digestible, precise form with extensive use of bullet-points, tables, flow-charts, diagrams, lists, protocols and extensive illustration. Part of a five-book series that extracts and updates key information from Munroe's Equine Surgery, Reproduction and Medicine, Second Edition, the book distils best practice in a logical straightforward clinical-based approach. Ideal for veterinary students, nurses and practitioners needing a quick reference 'on the ground'.

CRC Press
February 2024 : 196pp
Pb: 978-1-032-06617-2 : **£64.99**
Hb: 978-1-032-59226-8 : **£155**
eBook: 978-1-003-45366-6

* For full contents and more information, visit: www.routledge.com/9781032066172

Concise Textbook of Equine Clinical Practice Book 5

Nervous System, Eyes, Cardiovascular Disorders and Haemolymphatic System



Erin Beasley Univ. of Georgia, **Graham Munroe** Cambridge Veterinary School, **François-René Bertin** Univ. of Queensland, **Graham Munroe** Cambridge Veterinary School

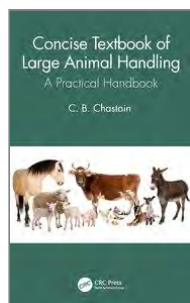
This concise, practical text covers the essential information veterinary students need to succeed in Equine medicine and surgery, focusing on the nervous system, eyes, cardiovascular disorders and haemolymphatic systems. Part of a five-book series that extracts and updates key information from Munroe's Equine Surgery, Reproduction and Medicine, Second Edition, the book distils best practice in a logical straightforward clinical-based approach. Ideal for veterinary students and nurses on clinical placements with horses as well as practitioners needing a quick reference 'on the ground'. The spiralbound format allows the book to lie open during practice.

CRC Press
February 2024 : 224pp
Pb: 978-1-032-58600-7 : **£64.99**
Hb: 978-1-032-58876-6 : **£165**
eBook: 978-1-003-45192-1

* For full contents and more information, visit: www.routledge.com/9781032586007

Concise Textbook of Large Animal Handling

A Practical Handbook



C. B. Chastain Univ. of Missouri, College of Veterinary Medicine, Columbia, USA

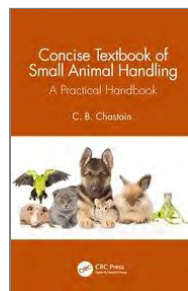
This concise, instructional guide condenses the most important aspects of large animal handling. It provides a portable, durable, beside-the-animal means of learning, as well as a convenient way to refresh on safety and efficacy in animal handling techniques. The text covers handler and animal safety, sanitation, approach and capture, routine handling and release, handling for medical procedures and use of restraint equipment. Important reading for undergraduate veterinary students on EMS rotations, as well as practicing veterinarians, technicians and assistants, the book covers species encountered in farm, equine and laboratory settings.

CRC Press
June 2023 : 322pp
Pb: 978-0-367-62809-3 : **£41.99**
Hb: 978-0-367-62812-3 : **£105**
eBook: 978-1-003-11091-0

* For full contents and more information, visit: www.routledge.com/9780367628093

Concise Textbook of Small Animal Handling

A Practical Handbook



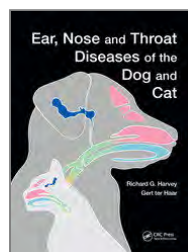
C. B. Chastain Univ. of Missouri, College of Veterinary Medicine, Columbia, USA

This instructional pocket reference condenses the most important aspects of small animal handling. It provides a portable, durable means of learning 'on the ground'. Spiralbound for practical use at the animal's side during veterinary placements in a clinic or laboratory, the text covers handler safety, animal safety, sanitation, approach and capture, handling for medical procedures and use and supply sources of restraint equipment. A Companion Website provides additional self-assessment questions and answers to aid learning. Important reading for undergraduate veterinary students as well as practicing technicians, nurses and assistants.

CRC Press
April 2022 : 242pp
Pb: 978-0-367-62813-0 : **£32.99**
Hb: 978-0-367-62814-7 : **£84.99**
eBook: 978-1-003-11092-7

* For full contents and more information, visit: www.routledge.com/9780367628130

Ear, Nose and Throat Diseases of the Dog and Cat



Richard Harvey, **Gert ter Haar** Royal Veterinary College, UK

The book is divided into four sections – The Ear, The Nose, The Throat and Surgery of the Ear, Nose and Throat. Each of the first three sections discusses anatomy and physiology and then reviews a wide variety of diagnostic procedures. Chapters in each of the three sections then provides a detailed and extensive review of the diseases of the pinna, external ear canal, middle ear and inner ear – nasal planum, nasal cavities and sinuses and nasopharynx – pharynx and larynx. The final section opens with a chapter on perioperative management with subsequent chapters that cover surgery of the ear, nose and throat.

CRC Press
September 2018 : 520pp
Pb: 978-0-367-13317-7 : **£43.99**
Hb: 978-1-482-23649-1 : **£135**
eBook: 978-1-315-37306-5

* For full contents and more information, visit: www.routledge.com/9780367133177

Health and Welfare of Brachycephalic (Flat-faced) Companion Animals

A Complete Guide for Veterinary and Animal Professionals



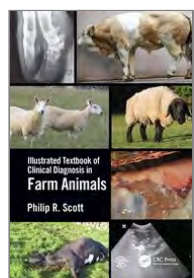
Edited by **Rowena Packer** The Royal Veterinary College, **Dan O'Neill** The Royal Veterinary College

Health and welfare issues relating to brachycephalic (flat-faced) dogs are now one of the most pressing problems facing companion animals. This book aims to equip veterinary professionals, animal welfare scientists, dog breeders and the interested owner with the full story about brachycephalic health and welfare. Cutting-edge knowledge is provided on a range of disciplines including anaesthesia, ophthalmology, dermatology, respiratory disease, neurological, dental, reproduction and weight control. The book offers substantial practical advice for veterinary teams on welfare and ethical issues around choosing, owning and caring for brachycephalic dogs to share with clients.

CRC Press
August 2021 : 418pp
Pb: 978-0-367-20724-3 : **£41.99**
Hb: 978-0-367-20741-0 : **£96.99**
eBook: 978-0-429-26323-1

* For full contents and more information, visit: www.routledge.com/9780367207243

Illustrated Textbook of Clinical Diagnosis in Farm Animals



Philip R Scott Edinburgh Veterinary School

Providing veterinary students with a brand-new approach to large animal medicine, this portable textbook first describes the detailed examination of each organ system achievable on the farm, illustrated via 2000+ unique images and 1000+ video recordings. Key points, images and video recordings then provide differential diagnoses for common farm animal clinical presentations. The repository of video clips show the clinical presentation, diagnosis, recovery or pathology of all common disorders. Small and spiral-bound, the book offers a lifeline for veterinary students during their EMS (extra-mural studies) placements.

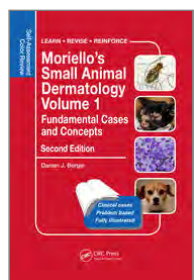
CRC Press
August 2022 : 414pp
Pb: 978-0-367-61270-2 : **£58.99**
Hb: 978-1-032-19750-0 : **£155**
eBook: 978-1-003-10645-6

* For full contents and more information, visit: www.routledge.com/9780367612702

2ND EDITION

Moriello's Small Animal Dermatology, Fundamental Cases and Concepts

Self-Assessment Color Review



Darren Berger

Series: Veterinary Self-Assessment Color Review Series

Karen Moriello's seminal book has been completely updated in an effort to create a true two-volume set highlighting fundamental and advanced concepts. This revised fundamental edition includes all new cases and nearly 300 new images. The guide uses a case-based format to deliver a general overview of dermatology of the dog and cat, providing a reference that mirrors the way veterinarians will encounter different scenarios at random in real-life practice. It uses self-assessment problems to review the most common skin diseases encountered every day, plus some more obscure diseases that a veterinarian will face.

CRC Press
December 2019 : 306pp
Pb: 978-0-815-37154-0 : **£41.99**
Hb: 978-0-815-37163-2 : **£175**
eBook: 978-0-429-08606-9

* For full contents and more information, visit: www.routledge.com/9780815371540

Practical Cardiology for Veterinary Nurses



Charlotte Pace Royal Veterinary College

This concise textbook provides a comprehensive, practical guide for veterinary nurses and technicians who wish to develop their knowledge, confidence and skills when nursing the cardiac patient. Presentation of dogs or cats with heart disease are common and it is vital that nurses understand how to look after these patients appropriately and support owners through what can often be challenging times. The book is packed with learning features including a Glossary, diagrams, illustrations and tables in full colour, concise end of chapter Key Points and Further Reading lists. This is the book that general practice veterinary nurses have been waiting for!

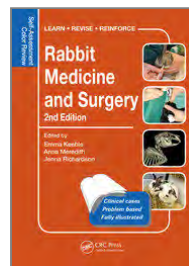
CRC Press
December 2022 : 162pp
Pb: 978-0-367-64102-3 : **£35.99**
Hb: 978-0-367-64106-1 : **£91.99**
eBook: 978-1-003-12217-3

* For full contents and more information, visit: www.routledge.com/9780367641023

2ND EDITION

Rabbit Medicine and Surgery

Self-Assessment Color Review, Second Edition



Edited by **Emma Keeble** University of Edinburgh, Roslin, UK, **Anna Meredith** University of Edinburgh, Roslin, UK, **Jenna Richardson** University of Edinburgh, Roslin, UK

Series: Veterinary Self-Assessment Color Review Series

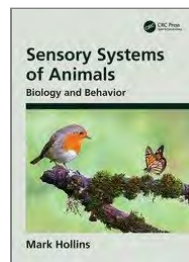
This book covers a wide range of topics from basic biology and husbandry to advanced diagnostic, medical, and surgical techniques. This new edition offers an increased emphasis on more advanced diagnostic and imaging techniques as well as recent advances in emergency care, analgesia, and surgery. Written by practitioners with many years of experience treating rabbits, this highly illustrated and easy-to-read edition includes 230 new and updated cases in random order, as they would be presented in practice. Each case includes questions with answers that fully explore the disease or disorder in question. It is an invaluable resource for all those working with pet rabbits.

CRC Press
June 2016 : 260pp
Pb: 978-1-498-73079-2 : **£37.99**
eBook: 978-0-429-15493-5

* For full contents and more information, visit: www.routledge.com/9781498730792

Sensory Systems of Animals

Biology and Behavior



Mark Hollins

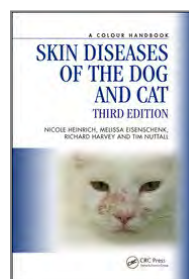
The aim of this book is to provide a knowledge base and unifying perspective on the field that will enable beginning researchers to chart their own course within it. The emphasis throughout is on research, in both the behavioral/ethological and neuroscientific traditions, that has led to important discoveries. With over 500 references and 80 illustrations, this textbook is primary reading intended for advanced undergraduates and beginning graduate students of veterinary science, lab animal science, and zoology. It would also be of great interest to professionals and academics working with animals such as veterinary professionals and zookeepers.

CRC Press
October 2024 : 264pp
Pb: 978-1-032-42328-9 : **£49.99**
Hb: 978-1-032-42331-9 : **£130**
eBook: 978-1-003-36231-9

* For full contents and more information, visit: www.routledge.com/9781032423289

3RD EDITION

Skin Diseases of the Dog and Cat



Nicole A. Heinrich, **Melissa Eisenschenk** American College of Veterinary Dermatology, Waconia, Wisconsin, USA, **Richard G. Harvey** The Veterinary Centre, Chylesmore, Coventry, UK, **Tim Nuttall** Senior Lecturer in Veterinary Dermatology, University Of Liverpool Small Animal Hospital, UK

Series: Veterinary Color Handbook Series

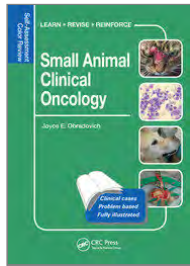
Following critical acclaim for the first and second editions of Skin Diseases of the Dog and Cat, this new third edition has been thoroughly updated while preserving the inherent strengths of the book. The practical handbook takes a problem-oriented approach, with 13 chapters covering dermatoses classified by their principle presenting sign, including a brand new chapter on diseases of abnormal keratinization and scaling. The concise, systematically structured text covers definition, aetiology and pathogenesis, clinical features, differential diagnoses, diagnostic tests, and management, with a focus on clinical practice and the need to explain the disease to the owner.

CRC Press
November 2018 : 312pp
Pb: 978-1-138-30870-1 : **£53.99**
Hb: 978-1-482-22596-9 : **£175**
eBook: 978-1-315-11814-7

* For full contents and more information, visit: www.routledge.com/9781138308701

Small Animal Clinical Oncology

Self-Assessment Color Review



Joyce E. Obradovich, DVM, DACVIM Animal Cancer and Imaging Center, Canton, Michigan, USA

Series: Veterinary Self-Assessment Color Review Series

Written by a respected expert in the field, this new addition to the Self-Assessment Color Review series covers clinical oncology of the dog and cat. More than 200 cases appear in random order, just as they would in practice. These cases are presented as self-assessment problems comprising integrated questions, illustrations and detailed explanations designed to educate on the big picture as well as to provide immediate answers.

CRC Press

September 2016 : 328pp

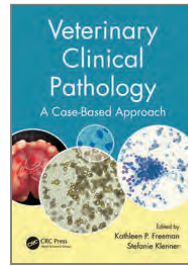
Pb: 978-1-482-22539-6 : **£41.99**

eBook: 978-1-315-38185-5

* For full contents and more information, visit: www.routledge.com/9781482225396

Veterinary Clinical Pathology

A Case-Based Approach



Edited by **Kathleen P. Freeman** Kathleen P. Freeman DVM BS MS PhD DipECVCP FRCPath MRCVS RCVS Specialist in Veterinary Pathology (Clinical Pathology), European Veterinary Specialist in Clinical Pathology, IDEXX Laboratories, UK, **Stefanie Klenner** Stefanie Klenner, Dr.med.vet, DipECVCP European Veterinary Specialist in Clinical Pathology scil animal care company GmbH, Viernheim, Germany

Presenting 200 cases and questions for those interested in improving their skills in veterinary clinical pathology, this book emphasises an understanding of the basic pathophysiologic mechanisms of disease, differential diagnoses and a recognition of patterns associated with various diseases or conditions. Topics discussed include haematology, clinical chemistry, endocrinology, acid-base and blood gas analysis, haemostasis, urinalysis, biological variation and quality control. Species covered include the cat, dog and horse, with additional material on ruminants.

CRC Press

June 2015 : 288pp

Pb: 978-1-482-22587-7 : **£58.99**

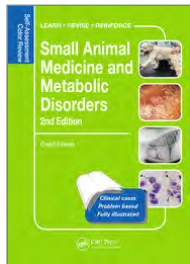
eBook: 978-0-429-15872-8

* For full contents and more information, visit: www.routledge.com/9781482225877

2ND EDITION

Small Animal Medicine and Metabolic Disorders

Self-Assessment Color Review



Edited by **Craig Ruaux** Massey University, Institute of Veterinary and Biomedical Sciences, Palmerston North, New Zealand

Series: Veterinary Self-Assessment Color Review Series

Nearly 20 years after Bryn Tennant's first edition, this new update covers all aspects of diseases and disorders and affecting organs of the abdominal cavity and the endocrine/metabolic system in a case-based format. Responding to advances in imaging technology, digital radiography and high-resolution ultrasonography as well as the growth in specialised diagnostic tests for many diseases, editor Craig Ruaux brings together a wide variety of new cases. These cases cover a wide spectrum of metabolic, endocrine, immune-mediated, inflammatory and infectious diseases and range in difficulty. They are presented in random order, as they would appear in everyday practice.

CRC Press

February 2019 : 288pp

Pb: 978-1-138-03572-0 : **£41.99**

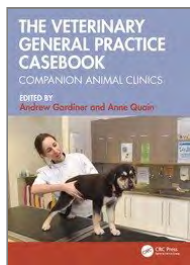
Hb: 978-1-138-39243-4 : **£180**

eBook: 978-0-429-40172-5

* For full contents and more information, visit: www.routledge.com/9781138035720

The Veterinary General Practice Casebook

Companion Animal Clinics



Edited by **Andrew Gardiner** University of Edinburgh, **Anne Quain** Sydney School of Veterinary Sc.

The Vet GP Casebook echoes life at the coal face of companion animal practice. Organised into 'clinics', each chapter feels like a day in the life of a busy general practitioner, where emergencies are juggled with routine consultations. Ideal for senior veterinary students, graduates, those returning to practice, and those seeking a GP workout, this book presents cases as they appear in real life, often messier and less complete than textbook descriptions. The clinical content is complemented by topics on wellbeing and professional practice, as well as recipes for simple and nutritious meals to feed veterinary body and soul.

CRC Press

February 2025 : 360pp

Pb: 978-1-032-24376-4 : **£64.99**

Hb: 978-1-032-24377-1 : **£160**

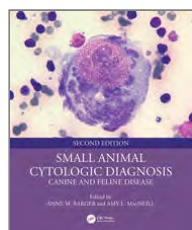
eBook: 978-1-003-27830-6

* For full contents and more information, visit: www.routledge.com/9781032243764

2ND EDITION

Small Animal Cytologic Diagnosis

Canine and Feline Disease



Edited by **Anne M. Barger** University of Illinois, Urbana, USA, **Amy L. MacNeill** University of Illinois, Urbana, USA

This second edition of *Small Animal Cytologic Diagnosis* presents clinically applicable information about the use of cytology in small animals and indicates when advanced diagnostic testing can be beneficial to diagnose underlying disease processes. It includes more images, additional cases, and a new user-friendly chapter organization.

CRC Press

December 2024 : 548pp

Hb: 978-1-032-19297-0 : £125

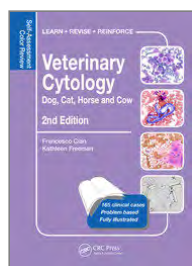
eBook: 978-1-003-25855-1

* For full contents and more information, visit: www.routledge.com/9781032192970

2ND EDITION

Veterinary Cytology

Dog, Cat, Horse and Cow: Self-Assessment Color Review, Second Edition



Edited by **Francesco Cian** Recognised Specialist in Veterinary Pathology (Clinical Pathology), BattLab, University of Warwick Science Park, Coventry, Warwickshire, UK, **Kathleen Freeman** Specialist in Veterinary Pathology (Clinical Pathology) European; Veterinary Specialist in Clinical Pathology IDEXX Laboratories, Wetherby, West Yorkshire, UK

Series: Veterinary Self-Assessment Color Review Series

This highly visual book provides a comprehensive survey of cytological features and patterns as an aid to study, revision and continuing education for veterinarians in practice and training. Illustrated in full-colour with over 240 photomicrographs, the cases are presented randomly and appear as self-assessment questions with detailed explanatory answers. Species covered include the dog, the cat, the horse, and the cow. The new edition adds 89 brand new cases and updates all the existing content to ensure its continued relevance in practice. This fully-revised second edition continues to be an invaluable reference for veterinary practitioners, veterinary students, nurses, and technicians.

CRC Press

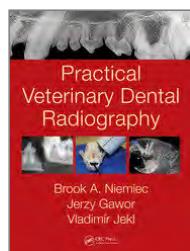
January 2017 : 240pp

Pb: 978-1-498-76671-5 : £41.99

eBook: 978-1-315-18246-9

* For full contents and more information, visit: www.routledge.com/9781498766715

Practical Veterinary Dental Radiography



Brook A. Niemiec Southern California Veterinary Dental Specialties, San Diego, CA 92123, USA, **Jerzy Gawor**, **Vladimír Jekl** University of Veterinary and Pharmaceutical Sciences Brno, Avian and Exotic Animal Clinic, Czech Republic

With over 1000 clear, high-quality images, this in-depth full-colour guide covers all aspects of veterinary dental radiography. Chapters explain the indications for this key area of veterinary practice, the equipment used, the essential techniques in developing and processing the radiograph, common errors made and the pathology of the teeth. The book also explores radiograph interpretation in seven detailed sections, discussing all aspects from normal radiographic anatomy to Endodontic disease and trauma. An additional chapter covers techniques and interpretation with exotics in three sections; rabbits, ferrets and rodents.

CRC Press

November 2017 : 384pp

Hb: 978-1-482-22543-3 : £91.99

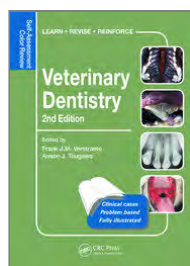
eBook: 978-1-315-17733-5

* For full contents and more information, visit: www.routledge.com/9781482225433

2ND EDITION

Veterinary Dentistry

Self-Assessment Color Review, Second Edition



Frank Verstraete University of California, Davis, USA, **Anson J. Tsugawa** Dog and Cat Dentist Inc, Culver City, USA

Series: Veterinary Self-Assessment Color Review Series

Written by two well-respected experts in the field, this new edition of a bestseller has been completely updated and includes more than 50 new cases. The 228 cases appear in random order, just as they would in practice, and are presented as self-assessment problems comprising integrated questions, illustrations and detailed explanations designed to educate as well as to provide answers. The book is designed to appeal to veterinary students preparing for exams, and to veterinary practitioners in their continuing professional development.

CRC Press

November 2015 : 271pp

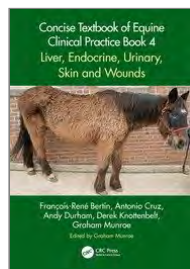
Pb: 978-1-482-22545-7 : £37.99

eBook: 978-0-429-09001-1

* For full contents and more information, visit: www.routledge.com/9781482225457

Concise Textbook of Equine Clinical Practice Book 4

Liver, Endocrine, Urinary, Skin and Wounds



Edited by **Graham Munroe** Cambridge Veterinary School, **François-René Bertin** Univ. of Queensland, **Antonio Cruz** Liphook Equine Hospital, **Andy Durham** Equine Medical Solutions, **Antonio Cruz** Justus Liebig Univ. Giessen

This concise, practical text covers the essential information Equine veterinary students need, focusing on skin, urinary, liver and endocrine diseases. The book conveys the core information in an easily digestible, precise form with extensive use of bullet-points, tables, flow-charts, diagrams, lists, protocols and extensive illustration. Part of a five-book series that extracts and updates key information from Munroe's Equine Surgery, Reproduction and Medicine, Second Edition, the book distils best practice in a logical straightforward clinical-based approach. Ideal for veterinary students, nurses and practitioners needing a quick reference 'on the ground'.

CRC Press

February 2024 : 196pp

Pb: 978-1-032-06617-2 : £64.99

Hb: 978-1-032-59226-8 : £155

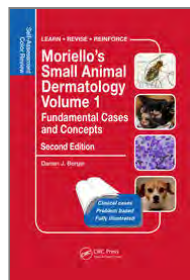
eBook: 978-1-003-45366-6

* For full contents and more information, visit: www.routledge.com/9781032066172

2ND EDITION

Moriello's Small Animal Dermatology, Fundamental Cases and Concepts

Self-Assessment Color Review



Darren Berger

Series: Veterinary Self-Assessment Color Review Series

Karen Moriello's seminal book has been completely updated in an effort to create a true two-volume set highlighting fundamental and advanced concepts. This revised fundamental edition includes all new cases and nearly 300 new images. The guide uses a case-based format to deliver a general overview of dermatology of the dog and cat, providing a reference that mirrors the way veterinarians will encounter different scenarios at random in real-life practice. It uses self-assessment problems to review the most common skin diseases encountered every day, plus some more obscure diseases that a veterinarian will face.

CRC Press

December 2019 : 306pp

Pb: 978-0-815-37154-0 : £41.99

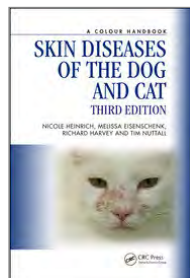
Hb: 978-0-815-37163-2 : £175

eBook: 978-0-429-08606-9

* For full contents and more information, visit: www.routledge.com/9780815371540

3RD EDITION

Skin Diseases of the Dog and Cat



Nicole A. Heinrich, **Melissa Eisenschenk** American College of Veterinary Dermatology, Waconda, Wisconsin, USA, **Richard G. Harvey** The Veterinary Centre, Cheylesmore, Coventry, UK, **Tim Nuttall** Senior Lecturer in Veterinary Dermatology, University Of Liverpool Small Animal Hospital, UK

Series: Veterinary Color Handbook Series

Following critical acclaim for the first and second editions of Skin Diseases of the Dog and Cat, this new third edition has been thoroughly updated while preserving the inherent strengths of the book. The practical handbook takes a problem-oriented approach, with 13 chapters covering dermatoses classified by their principle presenting sign, including a brand new chapter on diseases of abnormal keratinization and scaling. The concise, systematically structured text covers definition, aetiology and pathogenesis, clinical features, differential diagnoses, diagnostic tests, and management, with a focus on clinical practice and the need to explain the disease to the owner.

CRC Press

November 2018 : 312pp

Pb: 978-1-138-30870-1 : £53.99

Hb: 978-1-482-22596-9 : £155

eBook: 978-1-315-11814-7

* For full contents and more information, visit: www.routledge.com/9781138308701

2ND EDITION

Cardiovascular Disease in Companion Animals

Dog, Cat and Horse



Wendy A. Ware Iowa State University, Ames, USA, **John D. Bonagura** The Ohio State University College of Veterinary Medicine, Columbus, USA

This new edition of Cardiovascular Disease in Companion Animals now covers the horse as well as small animals. The book has been completely revised, expanded into five key sections, and contains a new Summary Formulary at end. Since first publication in 2007, Dr Ware's authoritative yet user-friendly guide to cardiovascular diseases and disorders in veterinary practice has been widely praised. Coverage includes evaluation techniques, investigative procedures, diagnosis, medical and surgical management options and methods. This second edition is a must-have for general practitioners, veterinary students, and residents.

CRC Press
August 2021 : 966pp
Hb: 978-1-482-24622-3 : **£180**
eBook: 978-0-429-18663-9

* For full contents and more information, visit: www.routledge.com/9781482246223

Emergency Care for Birds

A Guide for Veterinary Professionals



Rob van Zon

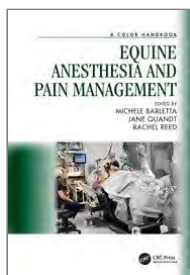
Due to their often small size and unique physical characteristics, birds can deteriorate rapidly in the event of illness and injury. This concise, practical guide will help veterinary professionals to provide first aid and emergency care for birds, as well as to instruct clients on providing basic first aid when they are unable to get to the clinic. It includes guidance for those presented with a moribund, critically ill patient i.e., recognising and treating hypothermia, hypoxia, hypovolaemia and hypoglycaemia. The book also lists of alarming signs of disease and toxic plants, and includes clinical procedures, emergency drug formulary and bandaging techniques.

CRC Press
December 2023 : 260pp
Pb: 978-1-032-31132-6 : **£53.99**
Hb: 978-1-032-31141-8 : **£130**
eBook: 978-1-003-30827-0

* For full contents and more information, visit: www.routledge.com/9781032311326

Equine Anesthesia and Pain Management

A Color Handbook



Edited by Michele Barletta Georgia Univ., **Jane Quandt** Georgia Univ., **Rachel Reed** Georgia Univ.

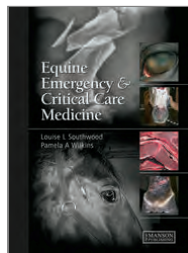
Series: *Veterinary Color Handbook Series*

Equine Anesthesia and Pain Management: A Color Handbook brings together key information for clinicians in an easy-to-use, problem-orientated format. It disseminates a wealth of knowledge in a quick reference style, with a focus on clinical practice. Fifteen chapters cover everything from anesthetic equipment, premedication and physical restraint, to total intravenous anesthesia, inhalant anesthesia and partial intravenous anesthesia, recovery, complications, and euthanasia. Over 250 superb color photographs and diagrams bring the material to life. This book will be invaluable to equine practitioners, veterinary technicians/nurses, and veterinary students.

CRC Press
October 2022 : 284pp
Pb: 978-1-498-74958-9 : **£71.99**
Hb: 978-1-032-30962-0 : **£185**
eBook: 978-0-429-19094-0

* For full contents and more information, visit: www.routledge.com/9781498749589

Equine Emergency and Critical Care Medicine



Edited by Louise Southwood, Pamela A. Wilkins

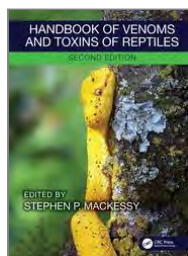
Early recognition of problems by owners, appropriate first aid, and timely referral by field veterinarians improves the survival chance of horses requiring emergency management and critical care. With a view towards improving patient outcome, this text is written by a team of enthusiastic equine specialists who explore a host of conditions that the equine veterinarian will encounter. For each disease or condition, the book includes an overview, key points, etiology/pathogenesis, clinical features, differential diagnosis, diagnosis, and management/treatment. It also provides step-by-step instructions on frequently performed procedures when managing the emergency/critical care patient. The text features a concise, bullet-point style to facilitate quick assimilation, along with color photos and useful charts and diagrams.

CRC Press
October 2014 : 880pp
Hb: 978-1-840-76194-8 : **£150**
eBook: 978-0-429-06895-9

* For full contents and more information, visit: www.routledge.com/9781840761948

2ND EDITION

Handbook of Venoms and Toxins of Reptiles



Edited by Stephen P. Mackessy University of Northern Colorado, Greeley, CO, USA

A decade after publication of the first edition, this handbook responds to extensive changes in the field of toxinology to endure as the most comprehensive review of reptile venoms on the market. The six sections of this new edition, which has nearly doubled in size, complement the original handbook by presenting current information from many of the leading researchers and physicians in toxinology, with topics ranging from functional morphology, evolution and ecology to crystallography, -omics technologies and more. The section on snakebite now includes several chapters dealing with the problem broadly and with new technologies.

CRC Press
May 2021 : 680pp
Hb: 978-0-367-14974-1 : **£175**
eBook: 978-0-429-05420-4

* For full contents and more information, visit: www.routledge.com/9780367149741

Health and Welfare of Brachycephalic (Flat-faced) Companion Animals

A Complete Guide for Veterinary and Animal Professionals



Edited by Rowena Packer The Royal Veterinary College, **Dan O'Neill** The Royal Veterinary College

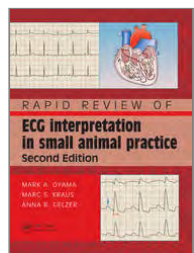
Health and welfare issues relating to brachycephalic (flat-faced) dogs are now one of the most pressing problems facing companion animals. This book aims to equip veterinary professionals, animal welfare scientists, dog breeders and the interested owner with the full story about brachycephalic health and welfare. Cutting-edge knowledge is provided on a range of disciplines including anaesthesia, ophthalmology, dermatology, respiratory disease, neurological, dental, reproduction and weight control. The book offers substantial practical advice for veterinary teams on welfare and ethical issues around choosing, owning and caring for brachycephalic dogs to share with clients.

CRC Press
August 2021 : 418pp
Pb: 978-0-367-20724-3 : **£41.99**
Hb: 978-0-367-20741-0 : **£96.99**
eBook: 978-0-429-26323-1

* For full contents and more information, visit: www.routledge.com/9780367207243

2ND EDITION

Rapid Review of ECG Interpretation in Small Animal Practice



Mark Oyama Department of Clinical Studies, Matthew J. Ryan Veterinary Hospital, University of Pennsylvania, Philadelphia, USA, **Marc S. Kraus**, **Anna R Gelzer**

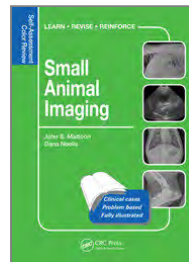
The standard electrocardiogram (ECG) is an indispensable, safe and inexpensive test to assess dogs and cats with heart disease. After discussing the principles of electrocardiography, this book systematically explores the evaluation of the ECG, including determination of heart rate, measurement of intervals, derivation of mean electrical axis, and criteria for atrial/ventricular enlargement or hypertrophy. This new edition contains instructions on how to obtain an ECG and two new chapters about treatment of the most common clinically important ECG arrhythmias, and on 24hr ECG (Holter) monitoring. It now includes advanced as well as basic cases for the reader to work through.

CRC Press
December 2019 : 156pp
Pb: 978-0-367-14675-7 : **£37.99**
Hb: 978-0-367-14688-7 : **£180**
eBook: 978-0-429-05311-5

* For full contents and more information, visit: www.routledge.com/9780367146757

Small Animal Imaging

Self-Assessment Review



John S. Mattoon Adjunct Professor of Radiology, College of Veterinary Medicine, Washington State University, USA, **Dana Neelis**

Series: Veterinary Self-Assessment Color Review Series

Presented in an easy-to-ready format, Small Animal Imaging: Self-Assessment Color Review offers a case-based approach to reviewing and interpreting images and developing a differential diagnosis when necessary. Nearly 200 cases are presented, each beginning with the patient's age, gender, breed, and species. The reason the patient was brought to the clinic is discussed along with preliminary examination and diagnostic test findings. Supporting high-quality images are also presented with each case. A separate section presents detailed answers including information on the radiographic findings, radiographic diagnosis, comments, and notes on whether further imaging or evaluation is needed.

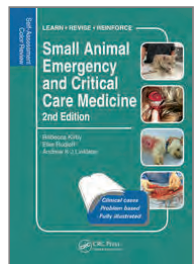
CRC Press
March 2018 : 280pp
Pb: 978-1-482-22520-4 : **£41.99**
Hb: 978-1-138-09149-8 : **£180**
eBook: 978-1-315-38186-2

* For full contents and more information, visit: www.routledge.com/9781482225204

2ND EDITION

Small Animal Emergency and Critical Care Medicine

Self-Assessment Color Review, Second Edition



Rebecca Kirby, **Rebecca Kirby** Gainesville, Florida, USA, **Elke Rudloff**, **Drew Linklater**

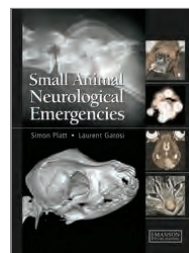
Series: Veterinary Self-Assessment Color Review Series

Written by a team of highly skilled authors, this book contains new cases covering all aspects of emergency and critical care medicine where a co-ordinated team approach to patient care is needed. By providing over 200 randomly organised cases in the form of integrated questions, illustrations and explanations, it allows readers to test skills in emergency situations, making rapid decisions, diagnostic and treatment plans. Detailed explanatory answers are then provided which will guide them through each clinical situation.

CRC Press
February 2015 : 254pp
Pb: 978-1-482-22592-1 : **£41.99**
eBook: 978-0-429-15964-0

* For full contents and more information, visit: www.routledge.com/9781482225921

Small Animal Neurological Emergencies



Edited by **Simon Platt**, **Laurent Garosi**

This book deals systematically with the assessment and treatment of small animal neurological patients in light of latest research findings and greatly improved imaging techniques. The authors first discuss step-wise neurological and systemic approaches to common emergency cases—examination, critical care and rapid assessment—based on presenting signs. They then deal in depth with the pathophysiology, treatment options and likely prognoses of each of the more common types of neurological emergency, be it vascular accident, infection, trauma, seizure, acute disease or neoplasia.

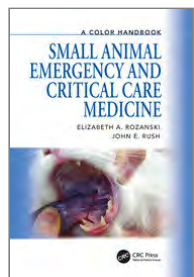
CRC Press
March 2012 : 672pp
Hb: 978-1-840-76152-8 : **£220**
eBook: 978-0-429-15897-1

* For full contents and more information, visit: www.routledge.com/9781840761528

2ND EDITION

Small Animal Emergency and Critical Care Medicine

A Color Handbook



Elizabeth Rozanski School of Veterinary Medicine, Tufts University, Massachusetts, USA, **John Rush** School of Veterinary Medicine, Tufts University, Massachusetts, USA

Series: Veterinary Color Handbook Series

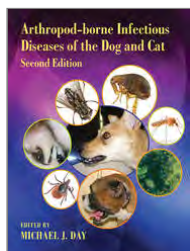
This book focuses on management of the more common emergency and critical care conditions encountered in clinical practice, collated in a concise manual. There are chapters on emergencies affecting each body system, on toxicology and other environmental causes, and on critical care techniques ranging from patient monitoring, anesthesia and analgesia to fluid therapy, transfusion medicine and nutritional support, plus a chapter describing clinical skills and procedures. The text is illustrated by top-quality color photos, imaging, and diagrams, and key information is highlighted in tabular form.

CRC Press
April 2012 : 330pp
Pb: 978-1-840-76185-6 : **£58.99**
eBook: 978-0-429-15838-4

* For full contents and more information, visit: www.routledge.com/9781840761856

2ND EDITION

Arthropod-borne Infectious Diseases of the Dog and Cat



Edited by **Michael J. Day**

This book is an invaluable resource for information on the clinical presentation, pathogenesis, diagnosis and treatment of major arthropod-transmitted diseases of dogs and cats. Illustrated in colour throughout, the book incorporates photographs of clinical cases, haematology, cytology and gross and microscopic pathology, which help understand the diagnosis and treatment of these diseases. The book goes beyond just covering the diseases themselves and also provides information on the arthropods that transmit them. With the effects of climate change and increasing international pet travel, this book will be a valuable addition to every small animal practitioner's library.

CRC Press

June 2020 : 232pp

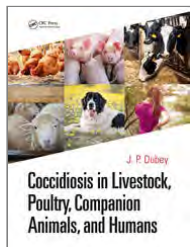
Pb: 978-0-367-57493-2 : **£45.99**

Hb: 978-1-498-70824-1 : **£175**

eBook: 978-0-429-06815-7

* For full contents and more information, visit: www.routledge.com/9780367574932

Coccidiosis in Livestock, Poultry, Companion Animals, and Humans



Edited by **J. P. Dubey**

Despite an explosion of research in the last 40 years, there has been no new book published discussing conventional coccidiosis for more than 25 years. This comprehensive review therefore answers an urgent need for a book dealing exclusively with conventional coccidia (*Eimeria* and *Isospora*). It provides concise, authoritative, up to date information on coccidiosis, with particular attention to research in the last 28 years

CRC Press

June 2022 : 396pp

Pb: 978-1-032-33759-3 : **£45.99**

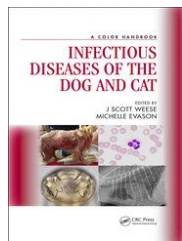
Hb: 978-0-367-26592-2 : **£175**

eBook: 978-0-429-29410-5

* For full contents and more information, visit: www.routledge.com/9781032337593

Infectious Diseases of the Dog and Cat

A Color Handbook



Edited by **J Scott Weese, Michelle Evason**

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.

Routledge

May 2023 : 328pp

Pb: 978-1-032-57010-5 : **£48.99**

Hb: 978-1-498-77551-9 : **£125**

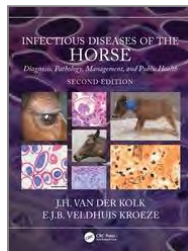
eBook: 978-0-429-18664-6

* For full contents and more information, visit: www.routledge.com/9781032570105

2ND EDITION

Infectious Diseases of the Horse

Diagnosis, pathology, management, and public health



J.H. van der Kolk Utrecht Univ., **E.J.B. Veldhuis Kroeze** Erasmus Univ. Med. Centre

This comprehensive yet practical book about established infectious diseases of horses is categorized according to the different pathogens. The majority of equine infectious diseases caused by microbes and parasites are covered - bacterial, viral, protozoan, fungal, ectoparasitic and helminthic. Practical Appendices contain a list of differential diagnoses based on clinical signs to support clinical decision-making, a list of zoonoses and reportable diseases, and illustrations of clinical pathology and hematology. This is a valuable resource for all veterinary practitioners, scientists, students, technicians and nurses working with horses.

CRC Press

December 2022 : 370pp

Hb: 978-1-032-05428-5 : **£160**

eBook: 978-1-003-19754-6

* For full contents and more information, visit: www.routledge.com/9781032054285

A Professional's Guide to Feline Behaviour

Understanding, Improving and Resolving Problems



Caroline Clark Clinical Animal Behaviorist

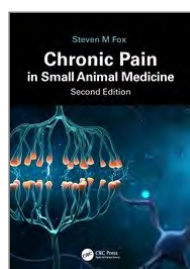
A Professional's Guide to Feline Behaviour is an invaluable resource for veterinarians, shelter workers, behaviourist and others working with cats, while being accessible to anyone who shares their life with a cat and wants to gain a deeper understanding of their behaviour. It offers a greater understanding of cats and how to meet their needs, explains how to deal with challenges that cats face and how to analyse feline behaviour accurately, with a view to designing a tailored behaviour modification plan. Real-life case studies, accompanied with behaviour plans that integrate clinically proven methods, help manage or resolve a range of behaviour issues.

CRC Press
October 2024 : 332pp
Pb: 978-1-032-17199-9 : **£36.99**
Hb: 978-1-032-17204-0 : **£99.99**
eBook: 978-1-003-25224-5

* For full contents and more information, visit: www.routledge.com/9781032171999

2ND EDITION

Chronic Pain in Small Animal Medicine



Steven M. Fox SECUIROS - a division of MWI, Clive, Iowa, USA

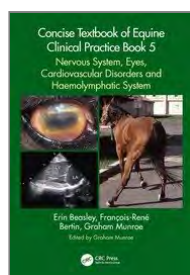
Over the past decade, many advances have been made in the discipline of pain management, including embracement under the One Medicine initiative to improve the health and well-being of multiple species. Contributing significantly to this progress is the evidence base provided by multimodal management of chronic diseases such as osteoarthritis, a leading cause of pet euthanasia. These advances are explored in this updated edition, which goes beyond common protocols by focusing on the latest evidence and our understanding of 'why and how to treat'.

CRC Press
August 2023 : 294pp
Pb: 978-1-032-45144-2 : **£81.99**
Hb: 978-1-032-45316-3 : **£210**
eBook: 978-1-003-37642-2

* For full contents and more information, visit: www.routledge.com/9781032451442

Concise Textbook of Equine Clinical Practice Book 5

Nervous System, Eyes, Cardiovascular Disorders and Haemolymphatic System



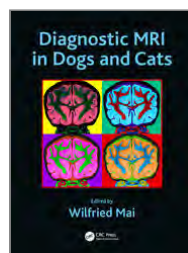
Erin Beasley Univ. of Georgia, **Graham Munroe** Cambridge Veterinary School, **François-René Bertin** Univ. of Queensland, **Graham Munroe** Cambridge Veterinary School

This concise, practical text covers the essential information veterinary students need to succeed in Equine medicine and surgery, focusing on the nervous system, eyes, cardiovascular disorders and haemolymphatic systems. Part of a five-book series that extracts and updates key information from Munroe's Equine Surgery, Reproduction and Medicine, Second Edition, the book distils best practice in a logical straightforward clinical-based approach. Ideal for veterinary students and nurses on clinical placements with horses as well as practitioners needing a quick reference 'on the ground'. The spiralbound format allows the book to lie open during practice.

CRC Press
February 2024 : 224pp
Pb: 978-1-032-58600-7 : **£64.99**
Hb: 978-1-032-58876-6 : **£165**
eBook: 978-1-003-45192-1

* For full contents and more information, visit: www.routledge.com/9781032586007

Diagnostic MRI in Dogs and Cats



Edited by **Wilfried Mai** University of Pennsylvania, School of Veterinary Medicine (Radiology), Philadelphia, USA

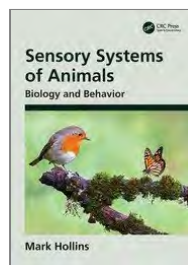
This is the first reference textbook to make the vast, increasingly complex topic of clinical MRI in small animals accessible to all veterinarians. It provides a well-illustrated, comprehensive overview of the current knowledge, focusing on imaging appearance rather than on clinical signs or treatment. With chapters on MRI physics and technology as well as sections on specific anatomical regions, the book functions as a stand-alone reference for the reader, whether they be a radiology/neurology resident in training or a practitioner with a need to learn about veterinary clinical MRI. Each chapter is authored by internationally-renowned experts in the specific area of veterinary radiology.

CRC Press
September 2018 : 778pp
Hb: 978-1-498-73770-8 : **£260**
eBook: 978-1-315-12105-5

* For full contents and more information, visit: www.routledge.com/9781498737708

Sensory Systems of Animals

Biology and Behavior



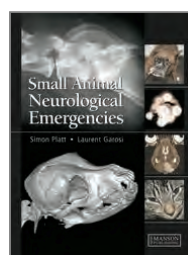
Mark Hollins

The aim of this book is to provide a knowledge base and unifying perspective on the field that will enable beginning researchers to chart their own course within it. The emphasis throughout is on research, in both the behavioral/ethological and neuroscientific traditions, that has led to important discoveries. With over 500 references and 80 illustrations, this textbook is primary reading intended for advanced undergraduates and beginning graduate students of veterinary science, lab animal science, and zoology. It would also be of great interest to professionals and academics working with animals such as veterinary professionals and zookeepers.

CRC Press
October 2024 : 264pp
Pb: 978-1-032-42328-9 : **£49.99**
Hb: 978-1-032-42331-9 : **£130**
eBook: 978-1-003-36231-9

* For full contents and more information, visit: www.routledge.com/9781032423289

Small Animal Neurological Emergencies



Edited by **Simon Platt**, **Laurent Garosi**

This book deals systematically with the assessment and treatment of small animal neurological patients in light of latest research findings and greatly improved imaging techniques. The authors first discuss step-wise neurological and systemic approaches to common emergency cases—examination, critical care and rapid assessment—based on presenting signs. They then deal in depth with the pathophysiology, treatment options and likely prognoses of each of the more common types of neurological emergency, be it vascular accident, infection, trauma, seizure, acute disease or neoplasia.

CRC Press
March 2012 : 672pp
Hb: 978-1-840-76152-8 : **£220**
eBook: 978-0-429-15897-1

* For full contents and more information, visit: www.routledge.com/9781840761528

A Professional's Guide to Feline Behaviour

Understanding, Improving and Resolving Problems



Caroline Clark Clinical Animal Behaviorist

A Professional's Guide to Feline Behaviour is an invaluable resource for veterinarians, shelter workers, behaviourist and others working cats, while being accessible to anyone who shares their life with a cat and wants to gain a deeper understanding of their behaviour. It offers a greater understanding of cats and how to meet their needs, explains how to deal with challenges that cats face and how to analyse feline behaviour accurately, with a view to designing a tailored behaviour modification plan. Real-life case studies, accompanied with behaviour plans that integrate clinically proven methods, help manage or resolve a range of behaviour issues.

CRC Press

October 2024 : 332pp

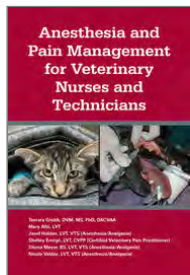
Pb: 978-1-032-17199-9 : **£36.99**

Hb: 978-1-032-17204-0 : **£99.99**

eBook: 978-1-003-25224-5

* For full contents and more information, visit: www.routledge.com/9781032171999

Anesthesia and Pain Management for Veterinary Nurses and Technicians



Tamara L. Grubb, Mary Albi, Shelley Ensign, Janel Holden, Shona Meyer, Nicole Valdez

This textbook and clinical guide is ideal for veterinary nurses and technicians in training. It offers a concise yet comprehensive resource for veterinary students and practitioners desiring a review of anesthesia and analgesia with step-by-step guidelines. A wealth of illustrations demonstrate the theory in practice.

Teton NewMedia

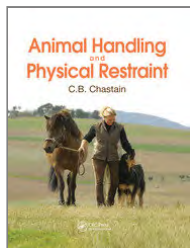
March 2020 : 498pp

Pb: 978-1-591-61050-2 : **£55.99**

eBook: 978-1-351-01291-1

* For full contents and more information, visit: www.routledge.com/9781591610502

Animal Handling and Physical Restraint



C. B. Chastain Univ. of Missouri, College of Veterinary Medicine, Columbia, USA

The aim of the book is to prepare future or current veterinarians and veterinary technologists, technicians/nurses, and assistants to be able to handle animals more safely, gain the confidence of animals and their owners, and instruct owners in proper animal handling methods. No handling or restraint of animals is without risk, but proper animal handling and restraint aids in reducing the chance of physical or infectious disease injury to the handler and the animal handled. Minimum-stress handling of farm and ranch animals raised for meat, milk, or fiber also aids the producer in being more humane and gaining greater profitability.

CRC Press

February 2019 : 408pp

Pb: 978-0-367-02832-9 : **£41.99**

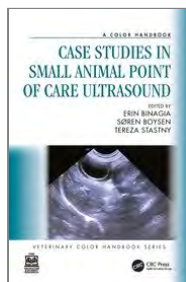
Hb: 978-1-498-76193-2 : **£175**

eBook: 978-1-315-15331-5

* For full contents and more information, visit: www.routledge.com/9780367028329

Case Studies in Small Animal Point of Care Ultrasound

A Color Handbook



Edited by Erin Binaglia Michigan State Univ., **Soren Boysen** Calgary Univ., **Tereza Stastny** Arizona Veterinary, Emergency and Critical Care Centre

Series: *Veterinary Color Handbook Series*

This illustrated practical guide covers the many facets of small animal point of care ultrasound (POCUS) using clinical cases commonly seen in practice. It details specific point of care ultrasound techniques, views, interpretations, pitfalls and knowledge gaps, highlighting the utility initial and serial point of care ultrasound for both diagnostic and patient management purposes. Focusing on commonly asked questions and applications, the authors take a binary question approach to veterinary POCUS, shown to decrease errors in human POCUS. The ideal reference for small animal and mixed practitioners and students, accompanying videos can be accessed by QR codes in the text.

CRC Press

March 2025 : 440pp

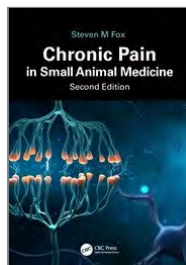
Pb: 978-0-367-54725-7 : **£92.99**

Hb: 978-1-032-56656-6 : **£240**

* For full contents and more information, visit: www.routledge.com/9780367547257

2ND EDITION

Chronic Pain in Small Animal Medicine



Steven M. Fox SECUIROS - a division of MWI, Clive, Iowa, USA

Over the past decade, many advances have been made in the discipline of pain management, including embracement under the One Medicine initiative to improve the health and well-being of multiple species. Contributing significantly to this progress is the evidence base provided by multimodal management of chronic diseases such as osteoarthritis, a leading cause of pet euthanasia. These advances are explored in this updated edition, which goes beyond common protocols by focusing on the latest evidence and our understanding of 'why and how to treat'.

CRC Press

August 2023 : 294pp

Pb: 978-1-032-45144-2 : **£81.99**

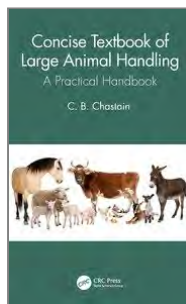
Hb: 978-1-032-45316-3 : **£210**

eBook: 978-1-003-37642-2

* For full contents and more information, visit: www.routledge.com/9781032451442

Concise Textbook of Large Animal Handling

A Practical Handbook



C. B. Chastain Univ. of Missouri, College of Veterinary Medicine, Columbia, USA

This concise, instructional guide condenses the most important aspects of large animal handling. It provides a portable, durable, beside-the-animal means of learning, as well as a convenient way to refresh on safety and efficacy in animal handling techniques. The text covers handler and animal safety, sanitation, approach and capture, routine handling and release, handling for medical procedures and use of restraint equipment. Important reading for undergraduate veterinary students on EMS rotations, as well as practicing veterinarians, technicians and assistants, the book covers species encountered in farm, equine and laboratory settings.

CRC Press

June 2023 : 322pp

Pb: 978-0-367-62809-3 : **£41.99**

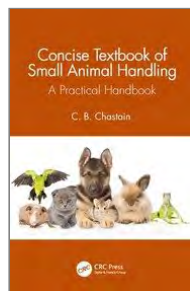
Hb: 978-0-367-62812-3 : **£105**

eBook: 978-1-003-11091-0

* For full contents and more information, visit: www.routledge.com/9780367628093

Concise Textbook of Small Animal Handling

A Practical Handbook



C. B. Chastain Univ. of Missouri, College of Veterinary Medicine, Columbia, USA

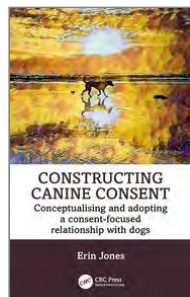
This instructional pocket reference condenses the most important aspects of small animal handling. It provides a portable, durable means of learning 'on the ground'. Spiralbound for practical use at the animal's side during veterinary placements in a clinic or laboratory, the text covers handler safety, animal safety, sanitation, approach and capture, handling for medical procedures and use and supply sources of restraint equipment. A Companion Website provides additional self-assessment questions and answers to aid learning. Important reading for undergraduate veterinary students as well as practicing technicians, nurses and assistants.

CRC Press
April 2022 : 242pp
Pb: 978-0-367-62813-0 : **£32.99**
Hb: 978-0-367-62814-7 : **£84.99**
eBook: 978-1-003-11092-7

* For full contents and more information, visit: www.routledge.com/9780367628130

Constructing Canine Consent

Conceptualising and adopting a consent-focused relationship with dogs



Erin Jones Merit Dog Training, NZ

Looking beyond species boundaries can help us not only consider concepts of canine consent and autonomy, but it can also help us to apply these concepts in our everyday interactions with them: fundamental for any professional working with dogs as well as everyday dog caregivers. This canine indexed definition of consent includes a model of five major categories: Touch/interaction-based consent, cooperative-care using learned consent behaviours, activity consent, consent-based learning, and substitutive consent. This book aims to merge the existing literature and new understandings about canine consent to paint a complete picture.

CRC Press
March 2024 : 138pp
Pb: 978-1-032-42159-9 : **£26.99**
Hb: 978-1-032-42167-4 : **£71.99**
eBook: 978-1-003-36145-9

* For full contents and more information, visit: www.routledge.com/9781032421599

Demystifying Dog Behaviour for the Veterinarian



Kendal Shepherd Royal College of Veterinary Surgeons

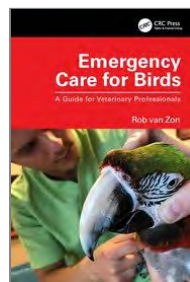
This practical guide for busy veterinarians demystifies canine behaviour while emphasising its importance. Authored by acclaimed veterinary behaviour consultant Kendal Shepherd, the book provides practical knowledge of dog behaviour and an understanding of how to talk about it with clients. Shepherd shows how this can enhance the relationship between owner and pet and between dog and environment as well as improve the vet's own sense of fulfilment and enjoyment of practice. Packed with anecdotes drawn from real-life cases, the principles can be effortlessly assimilated into the average consultation.

CRC Press
April 2021 : 216pp
Pb: 978-0-367-54991-6 : **£25.99**
Hb: 978-0-367-71639-4 : **£175**
eBook: 978-1-003-15303-0

* For full contents and more information, visit: www.routledge.com/9780367549916

Emergency Care for Birds

A Guide for Veterinary Professionals



Rob van Zon

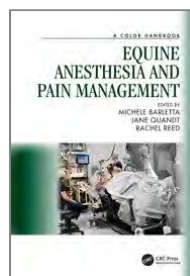
Due to their often small size and unique physical characteristics, birds can deteriorate rapidly in the event of illness and injury. This concise, practical guide will help veterinary professionals to provide first aid and emergency care for birds, as well as to instruct clients on providing basic first aid when they are unable to get to the clinic. It includes guidance for those presented with a moribund, critically ill patient i.e., recognising and treating hypothermia, hypoxia, hypovolaemia and hypoglycaemia. The book also lists of alarming signs of disease and toxic plants, and includes clinical procedures, emergency drug formulary and bandaging techniques.

CRC Press
December 2023 : 260pp
Pb: 978-1-032-31132-6 : **£53.99**
Hb: 978-1-032-31141-8 : **£130**
eBook: 978-1-003-30827-0

* For full contents and more information, visit: www.routledge.com/9781032311326

Equine Anesthesia and Pain Management

A Color Handbook



Edited by **Michele Barletta** Georgia Univ., **Jane Quandt** Georgia Univ., **Rachel Reed** Georgia Univ.

Series: *Veterinary Color Handbook Series*

Equine Anesthesia and Pain Management: A Color Handbook brings together key information for clinicians in an easy-to-use, problem-orientated format. It disseminates a wealth of knowledge in a quick reference style, with a focus on clinical practice. Fifteen chapters cover everything from anesthetic equipment, premedication and physical restraint, to total intravenous anesthesia, inhalant anesthesia and partial intravenous anesthesia, recovery, complications, and euthanasia. Over 250 superb color photographs and diagrams bring the material to life. This book will be invaluable to equine practitioners, veterinary technicians/nurses, and veterinary students.

CRC Press
October 2022 : 284pp
Pb: 978-1-498-74958-9 : **£71.99**
Hb: 978-1-032-30962-0 : **£185**
eBook: 978-0-429-19094-0

* For full contents and more information, visit: www.routledge.com/9781498749589

Health and Welfare of Brachycephalic (Flat-faced) Companion Animals

A Complete Guide for Veterinary and Animal Professionals



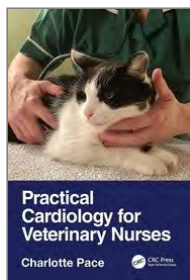
Edited by **Rowena Packer** The Royal Veterinary College, **Dan O'Neill** The Royal Veterinary College

Health and welfare issues relating to brachycephalic (flat-faced) dogs are now one of the most pressing problems facing companion animals. This book aims to equip veterinary professionals, animal welfare scientists, dog breeders and the interested owner with the full story about brachycephalic health and welfare. Cutting-edge knowledge is provided on a range of disciplines including anaesthesia, ophthalmology, dermatology, respiratory disease, neurological, dental, reproduction and weight control. The book offers substantial practical advice for veterinary teams on welfare and ethical issues around choosing, owning and caring for brachycephalic dogs to share with clients.

CRC Press
August 2021 : 418pp
Pb: 978-0-367-20724-3 : **£41.99**
Hb: 978-0-367-20741-0 : **£96.99**
eBook: 978-0-429-26323-1

* For full contents and more information, visit: www.routledge.com/9780367207243

Practical Cardiology for Veterinary Nurses



Charlotte Pace Royal Veterinary College

This concise textbook provides a comprehensive, practical guide for veterinary nurses and technicians who wish to develop their knowledge, confidence and skills when nursing the cardiac patient. Presentation of dogs or cats with heart disease are common and it is vital that nurses understand how to look after these patients appropriately and support owners through what can often be challenging times. The book is packed with learning features including a Glossary, diagrams, illustrations and tables in full colour, concise end of chapter Key Points and Further Reading lists. This is the book that general practice veterinary nurses have been waiting for!

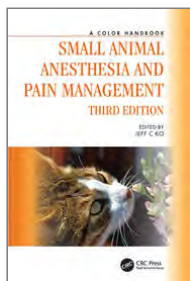
CRC Press
December 2022 : 162pp
Pb: 978-0-367-64102-3 : **£35.99**
Hb: 978-0-367-64106-1 : **£91.99**
eBook: 978-1-003-12217-3

* For full contents and more information, visit: www.routledge.com/9780367641023

3RD EDITION

Small Animal Anesthesia and Pain Management

A Color Handbook



Edited by **Jeff C. Ko** College of Veterinary Medicine, Purdue University, USA

Series: *Veterinary Color Handbook Series*

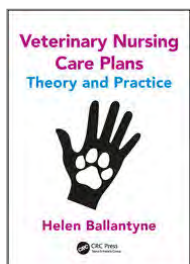
Small Animal Anesthesia and Pain Management is a thoroughly updated and much expanded third edition that provides comprehensive coverage of the world of veterinary anesthesia and pain management. This clinically focused text draws upon practical experience and clinical evidence from various sources. It provides drug dosages and anesthetic protocols in tabular form, complemented by over 400 illustrations that enhance comprehension and visual clarity. These chapters shine a spotlight on a newly approved drug, showcasing the practical application of Zenalpha® (medetomidine and vatinoxan) for a range of sedative and anesthetic combinations in dogs and cats.

CRC Press
November 2024 : 478pp
Hb: 978-1-032-40589-6 : **£120**
eBook: 978-1-003-35379-9

* For full contents and more information, visit: www.routledge.com/9781032405896

Veterinary Nursing Care Plans

Theory and Practice



Helen Ballantyne

This book offers a broad overview of the theory and practice of care planning in veterinary nursing, answering three key questions: What are nursing care plans? Why should nursing care plans be used in practice? How should nursing care plans be used in practice? It provides basic definitions and explanations, the philosophical and theoretical aspects of nursing, and draws comparisons and contrasts between the veterinary and human nursing roles and contexts. There is a pressing need for veterinary nurses to establish themselves as professionals and develop their unique role within the veterinary care team. Nursing care plans are a core tool to support that development.

CRC Press
February 2018 : 160pp
Pb: 978-1-498-77866-4 : **£32.99**
Hb: 978-1-138-57810-4 : **£180**
eBook: 978-1-315-15504-3

* For full contents and more information, visit: www.routledge.com/9781498778664

Learning from Disease in Pets

A 'One Health' Model for Discovery



Edited by **Rebecca A. Krimins** Johns Hopkins University

Series: *CRC One Health One Welfare*

This is the first encompassing guide for veterinarians, researchers and physicians on conducting studies using spontaneous models of disease in animals. Using clinical trials to learn how pets with real disease respond to therapy can lead to breakthroughs in human medicine, as well as benefiting pets suffering from otherwise debilitating illness. The book details how to design a robust clinical study, encouraging veterinarians to build on and disseminate findings. It discusses communication styles, the ethics of using pets in veterinary clinical research, diseases that occur in animals and man, and regulatory requirements.

CRC Press

November 2020 : 306pp

Pb: 978-0-367-17310-4 : **£84.99**

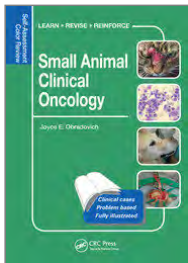
Hb: 978-0-367-17316-6 : **£215**

eBook: 978-0-429-05617-8

* For full contents and more information, visit: www.routledge.com/9780367173104

Small Animal Clinical Oncology

Self-Assessment Color Review



Joyce E. Obradovich, DVM, DACVIM Animal Cancer and Imaging Center, Canton, Michigan, USA

Series: *Veterinary Self-Assessment Color Review Series*

Written by a respected expert in the field, this new addition to the Self-Assessment Color Review series covers clinical oncology of the dog and cat. More than 200 cases appear in random order, just as they would in practice. These cases are presented as self-assessment problems comprising integrated questions, illustrations and detailed explanations designed to educate on the big picture as well as to provide immediate answers.

CRC Press

September 2016 : 328pp

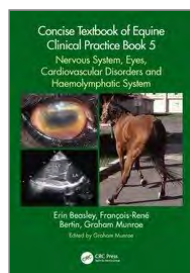
Pb: 978-1-482-22539-6 : **£41.99**

eBook: 978-1-315-38185-5

* For full contents and more information, visit: www.routledge.com/9781482225396

Concise Textbook of Equine Clinical Practice Book 5

Nervous System, Eyes, Cardiovascular Disorders and Haemolymphatic System



Erin Beasley Univ. of Georgia, **Graham Munroe** Cambridge Veterinary School, **François-René Bertin** Univ. of Queensland, **Graham Munroe** Cambridge Veterinary School

This concise, practical text covers the essential information veterinary students need to succeed in Equine medicine and surgery, focusing on the nervous system, eyes, cardiovascular disorders and haemolymphatic systems. Part of a five-book series that extracts and updates key information from Munroe's Equine Surgery, Reproduction and Medicine, Second Edition, the book distils best practice in a logical straightforward clinical-based approach. Ideal for veterinary students and nurses on clinical placements with horses as well as practitioners needing a quick reference 'on the ground'. The spiralbound format allows the book to lie open during practice.

CRC Press

February 2024 : 224pp

Pb: 978-1-032-58600-7 : **£64.99**

Hb: 978-1-032-58876-6 : **£165**

eBook: 978-1-003-45192-1

* For full contents and more information, visit: www.routledge.com/9781032586007

Health and Welfare of Brachycephalic (Flat-faced) Companion Animals

A Complete Guide for Veterinary and Animal Professionals



Edited by **Rowena Packer** The Royal Veterinary College, **Dan O'Neill** The Royal Veterinary College

Health and welfare issues relating to brachycephalic (flat-faced) dogs are now one of the most pressing problems facing companion animals. This book aims to equip veterinary professionals, animal welfare scientists, dog breeders and the interested owner with the full story about brachycephalic health and welfare. Cutting-edge knowledge is provided on a range of disciplines including anaesthesia, ophthalmology, dermatology, respiratory disease, neurological, dental, reproduction and weight control. The book offers substantial practical advice for veterinary teams on welfare and ethical issues around choosing, owning and caring for brachycephalic dogs to share with clients.

CRC Press

August 2021 : 418pp

Pb: 978-0-367-20724-3 : **£41.99**

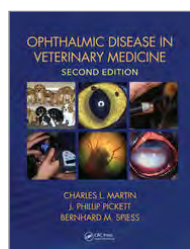
Hb: 978-0-367-20741-0 : **£96.99**

eBook: 978-0-429-26323-1

* For full contents and more information, visit: www.routledge.com/9780367207243

2ND EDITION

Ophthalmic Disease in Veterinary Medicine



Edited by **Charles L. Martin**, **J. Phillip Pickett**, **Bernhard M. Spiess**

Featuring a new author team, this seminal book has been completely updated and significantly expanded. Following an outline of the basic elements of ophthalmic science relevant to study and practice, the authors provide a detailed description and discussion of each condition including aetiology, clinical signs, diagnosis, prognosis, and therapy, as well as a section dedicated to presumed inherited eye disorders. The focus throughout remains on the clinical needs of the practitioner and the student.

CRC Press

June 2020 : 728pp

Pb: 978-0-367-57033-0 : **£81.99**

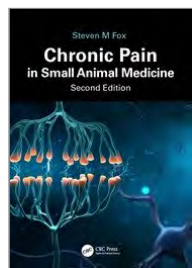
Hb: 978-1-482-25864-6 : **£185**

eBook: 978-1-315-11896-3

* For full contents and more information, visit: www.routledge.com/9780367570330

2ND EDITION

Chronic Pain in Small Animal Medicine



Steven M. Fox SECUROS - a division of MWI, Clive, Iowa, USA

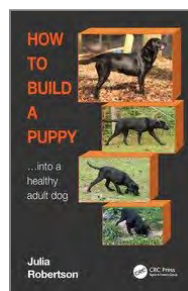
Over the past decade, many advances have been made in the discipline of pain management, including embracement under the One Medicine initiative to improve the health and well-being of multiple species. Contributing significantly to this progress is the evidence base provided by multimodal management of chronic diseases such as osteoarthritis, a leading cause of pet euthanasia. These advances are explored in this updated edition, which goes beyond common protocols by focusing on the latest evidence and our understanding of 'why and how to treat'.

CRC Press
August 2023 : 294pp
Pb: 978-1-032-45144-2 : **£81.99**
Hb: 978-1-032-45316-3 : **£210**
eBook: 978-1-003-37642-2

* For full contents and more information, visit: www.routledge.com/9781032451442

How to Build a Puppy

Into a Healthy Adult Dog



Julia Robertson Galen Myotherapy, UK

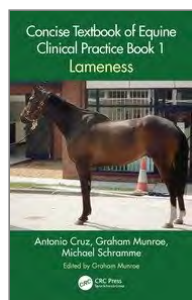
Using her world-renowned Galen Myotherapy Puppy Physical Development Plan®, Robertson suggests small but important changes to the way we look after puppies and growing dogs. Environment, exercise and activity habits have deep, ongoing effects and the book explores ways in which positive change can be integrated easily into our normal lives. A section on anatomy explains how everything fits together while practical exercises and activities help build good foundations. This book will help canine professionals better advise their clients, but also empower readers to ask more questions from their vet, breeder, or puppy trainer.

CRC Press
June 2022 : 288pp
Pb: 978-1-032-21520-4 : **£22.99**
Hb: 978-1-032-21521-1 : **£58.99**
eBook: 978-1-003-26878-9

* For full contents and more information, visit: www.routledge.com/9781032215204

Concise Textbook of Equine Clinical Practice Book 1

Lameness



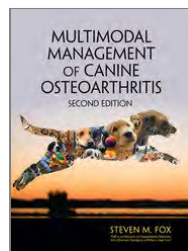
Antonio Cruz Justus Liebig Univ. Giessen, **Graham Munroe** Cambridge Veterinary School, **Michael Schramme** Royal College of Vet. Surgeons

This concise, practical text covers the essential information veterinary students need to succeed in Equine practice, focussing on lameness. Written for an international readership, the book conveys the core information in an easily digestible, precise form with extensive use of bullet-points, lists, protocols and extensive illustration (over 650 full colour, high quality photographs and radiographs). Part of a five-book series that extracts key information from Munroe's Equine Surgery, Reproduction and Medicine, the book distils best practice in a logical clinical-based approach. The spiralbound format allows the book to lie open during practice.

CRC Press
October 2023 : 364pp
Pb: 978-1-032-06614-1 : **£59.99**
Hb: 978-1-032-43886-3 : **£155**
eBook: 978-1-003-36922-6

* For full contents and more information, visit: www.routledge.com/9781032066141

Multimodal Management of Canine Osteoarthritis



Steven M. Fox SECUROS - a division of MWI, Clive, Iowa, USA

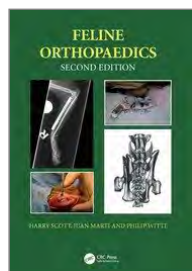
This book takes an evidence-based approach to the canine patient with osteoarthritis, pursuing the objective of the best available medicine by a variety of means—multiple drugs, agents, adjuncts and delivery methods. Appreciating that surgical intervention may initially be required, particularly for stabilizing a joint, the major focus in this work is the conservative management of osteoarthritis. A clear and visual approach is taken with the overlapping of two three-pointed triangles of management: medical and non-medical. The new edition is completely updated and contains a major new chapter covering regenerative medicine.

CRC Press
December 2018 : 168pp
Pb: 978-0-367-11249-3 : **£47.99**
Hb: 978-1-498-74935-0 : **£58.99**
eBook: 978-1-315-36844-3

* For full contents and more information, visit: www.routledge.com/9780367112493

2ND EDITION

Feline Orthopaedics



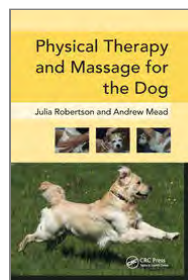
Harry Scott Southern Counties Veterinary Specialists, Hangersley, Ringwood, Hampshire, United Kingdom, **Juan M. Marti**, **Philip Witte** Southern Counties Veterinary Specialists, Hangersley, Ringwood, Hampshire, United Kingdom

Cats are not referred to specialists as frequently as dogs, meaning the general practitioner must routinely treat cats that have been involved in traffic accidents and other musculoskeletal trauma. This book was the first to provide a practical and user-friendly guide to feline orthopaedics and this second edition has been thoroughly updated, with new chapters on Physiotherapy and Oncology of the Feline Skeletal System. The text is supported by high quality radiographs, colour photographs and line drawings to illustrate principles, techniques and procedures, appealing to GP veterinarians, specialist feline practitioners and students.

CRC Press
May 2022 : 401pp
Hb: 978-1-498-76497-1 : **£115**
eBook: 978-0-429-09153-7

* For full contents and more information, visit: www.routledge.com/9781498764971

Physical Therapy and Massage for the Dog



Julia Robertson Galen Myotherapy, UK, **Andy Mead** Galen Therapy Centre, Coolham, West Sussex, UK

This book covers the prevention, management, and treatment of movement and allied disorders. It encompasses detailed assessments, treatment programs that involve hands-on therapy along with dynamic remedial and strengthening techniques using exercise plans. Following succinct discussion of the relevant canine anatomy and physiology, the authors provide chapters on each of the key topics: movement and muscles, exercise, preparation for sports performance, rehabilitation techniques, massage and physical therapy, and common relevant pathologies affecting dogs.

CRC Press
August 2018 : 224pp
Pb: 978-1-138-32419-0 : **£36.99**
Hb: 978-1-840-76144-3 : **£37.99**
eBook: 978-0-429-15748-6

* For full contents and more information, visit: www.routledge.com/9781138324190

Small Animal Fracture Repair

A Case-Based Approach



Karl H. Kraus , Steven M. Fox , Frederick S. Pike , Emily C. Salzer

This book provides students, practitioners, residents, and surgeons with an easily accessible and visual guide to successful methods of repairing more common fractures of dogs and cats. The concept allows clinicians to easily compare a fracture of a patient presented to them to the book and see what successful repairs were performed. There is also dialogue on the treatment options and special considerations. Importantly, follow-up radiographs provide insight into what type and rate of healing is to be expected.

CRC Press

June 2020 : 180pp

Pb: 978-0-367-57443-7 : **£45.99**

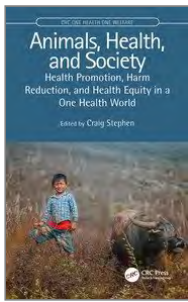
Hb: 978-1-498-73242-0 : **£175**

eBook: 978-1-315-36989-1

* For full contents and more information, visit: www.routledge.com/9780367574437

Animals, Health, and Society

Health Promotion, Harm Reduction, and Health Equity in a One Health World



Edited by **Craig Stephen**

Series: *CRC One Health One Welfare*

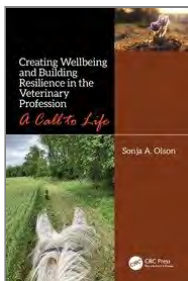
This timely book promotes the positive contributions made to health across species, showing the reader situations wherein we can all, regardless of our job description, work across species, sectors and generations to motivate action. Case studies demonstrate that the principles and practices presented are feasible, empowering people to make choices that concurrently benefit the health of animals, societies and ecosystems. This is necessary reading for students and practitioners in planetary health, conservation, eco-health, health promotion, veterinary medicine and animal welfare.

CRC Press
December 2020 : 352pp
Pb: 978-0-367-33622-6 : **£84.99**
Hb: 978-0-367-64260-0 : **£215**
eBook: 978-0-429-32087-3

* For full contents and more information, visit: www.routledge.com/9780367336226

Creating Wellbeing and Building Resilience in the Veterinary Profession

A Call to Life



Sonja A. Olson Florida Univ., College of Vet. Med.

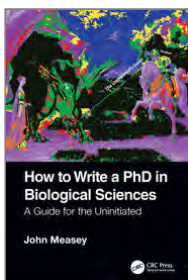
A Call to Life helps veterinary caregivers increase self-efficacy and sustainability and decrease unnecessary suffering in their mission to support animal health. Integrating real-life stories from veterinary caregivers with evidence-based theory, practical activities, discussion and reflection points, and insights drawn from the author's own experiences, the book empowers veterinarians by showing that they have the ability to choose a healthier way forward for themselves and for their profession. It uniquely combines shared experiences with academic research into the contributing factors of compassion fatigue and how to counter these.

CRC Press
March 2022 : 228pp
Pb: 978-0-367-41879-3 : **£22.99**
Hb: 978-1-032-20335-5 : **£58.99**
eBook: 978-0-367-81676-6

* For full contents and more information, visit: www.routledge.com/9780367418793

How to Write a PhD in Biological Sciences

A Guide for the Uninitiated



John Measey

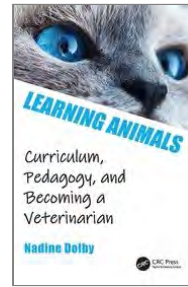
You don't have to be a genius to write a PhD. Of course, it will always involve a lot of hard work and dedication, but the process of writing up is a whole lot easier if you understand the basic ground rules. This book is a guide through the 'dos' and 'don'ts' of writing a PhD, specifically in the biological sciences. It will be your companion from the point when you decide to do a PhD, providing practical guidance to getting started, all the way through the nuts and bolts of the writing and editing process. It will also help you to get - and stay - in the right mental framework and establish good habits from the beginning, putting you in a commanding position later on.

CRC Press
November 2021 : 294pp
Pb: 978-1-032-08020-8 : **£19.99**
Hb: 978-1-032-08021-5 : **£47.99**
eBook: 978-1-003-21256-0

* For full contents and more information, visit: www.routledge.com/9781032080208

Learning Animals

Curriculum, Pedagogy and Becoming a Veterinarian



Nadine Dolby Purdue University, USA

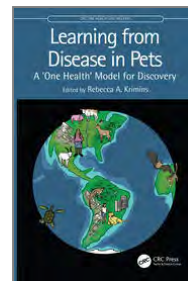
Instead of teachers, society considers veterinarians to be the primary experts about animals. Despite this, the field of education knows very little about veterinary education. What do veterinarians learn in veterinary school? What experiences shape their perceptions of animals? How do the structures, curriculum, and pedagogies of veterinary colleges shape these experiences? This book opens this conversation through the complicated, fascinating stories of a cohort of veterinary students. It shows how what veterinarians learn through their studies influences and shapes how humans relate to animals.

CRC Press
April 2022 : 176pp
Pb: 978-1-032-21259-3 : **£22.99**
Hb: 978-1-032-21781-9 : **£58.99**
eBook: 978-1-003-26998-4

* For full contents and more information, visit: www.routledge.com/9781032212593

Learning from Disease in Pets

A 'One Health' Model for Discovery



Edited by **Rebecca A. Krimins** Johns Hopkins University

Series: *CRC One Health One Welfare*

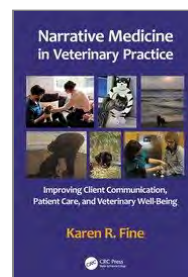
This is the first encompassing guide for veterinarians, researchers and physicians on conducting studies using spontaneous models of disease in animals. Using clinical trials to learn how pets with real disease respond to therapy can lead to breakthroughs in human medicine, as well as benefiting pets suffering from otherwise debilitating illness. The book details how to design a robust clinical study, encouraging veterinarians to build on and disseminate findings. It discusses communication styles, the ethics of using pets in veterinary clinical research, diseases that occur in animals and man, and regulatory requirements.

CRC Press
November 2020 : 306pp
Pb: 978-0-367-17310-4 : **£84.99**
Hb: 978-0-367-17316-6 : **£215**
eBook: 978-0-429-05617-8

* For full contents and more information, visit: www.routledge.com/9780367173104

Narrative Medicine in Veterinary Practice

Improving Client Communication, Patient Care, and Veterinary Well-being



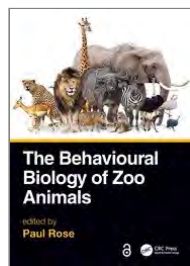
Karen R. Fine

This is the first guide to Veterinary Narrative Medicine, a cutting-edge approach with multiple applications, including improved client communication, medical outcomes, and veterinary wellbeing. It explores techniques and theories from human Narrative Medicine while addressing topics unique to veterinary medicine. Communication with caretakers is vital for veterinarians as the patient cannot speak; veterinary practitioners must consider the stories of human clients as well as animal patients. Awareness of these narratives can also help practitioners set and maintain emotional and work-place boundaries, and decrease burnout and compassion fatigue.

CRC Press
October 2021 : 210pp
Pb: 978-0-367-64761-2 : **£27.99**
Hb: 978-0-367-64763-6 : **£71.99**
eBook: 978-1-003-12613-3

* For full contents and more information, visit: www.routledge.com/9780367647612

The Behavioural Biology of Zoo Animals



Edited by **Paul Rose** Exeter Univ.

This is the first book on captive animal behaviour and how this applies to welfare. The book enables all aspects of zoo husbandry and management (nutrition, enclosure design, handling and training, enrichment, population management) to be based on a sound knowledge of the species, its evolutionary and natural history. Chapters from expert authors cover a vast range of taxa, from primates and elephants to marine mammals and freshwater fish, to reptiles, birds and invertebrates. It explains how evidence from the wild can be implemented into captive care to support the wider aims of the zoo (conservation, education, research and recreation).

CRC Press

November 2022 : 367pp

Pb: 978-1-032-07716-1 : **£57.99**

Hb: 978-1-032-07719-2 : **£150**

eBook: 978-1-003-20847-1

* For full contents and more information, visit: www.routledge.com/9781032077161

Veterinary Forensic Medicine and Forensic Sciences



Edited by **Jason H. Byrd, Patricia Norris, Nancy Bradley-Siemens**

Veterinary Forensic Sciences and Medicine covers all relevant aspects in a succinct, easy-to-read, comprehensive format intended to be taught in a single semester course, including the application of veterinary forensic medicine to cases. Most importantly, the book covers both the scientific and legal principles for veterinary forensic evidence. Topics include DNA and genetic evidence, entomological evidence in support of veterinary forensics, animal fighting, situational deaths including poisonings, domestic violence and cruelty, sharp and blunt force trauma, gunshots and wound ballistics, sexual assault, non-human odontology and osteology, and more.

CRC Press

October 2024 : 496pp

Pb: 978-1-032-91949-2 : **£59.99**

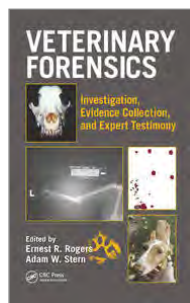
Hb: 978-1-138-56372-8 : **£105**

eBook: 978-1-315-12191-8

* For full contents and more information, visit: www.routledge.com/9781032919492

Veterinary Forensics

Investigation, Evidence Collection, and Expert Testimony



Edited by **Ernest Rogers, Adam W. Stern**

Veterinary Forensics fills the void of applied, real-world investigative techniques for the collection and presentation of veterinary forensic medical and scientific information. Chapters cover the forensic clinical examination and forensic necropsy of small and large animal species, forensic radiology, forensic toxicology, bitemark analysis and animal behavior. Various forensic disciplines such as bloodstain pattern analysis, DNA analysis, animal sexual abuse, agroterrorism, animal hoarding, ritual crimes against animals, and animal fighting are discussed. This is a reference for students and professionals for all relevant evidentiary, investigative, and legal elements o

CRC Press

March 2021 : 436pp

Pb: 978-0-367-77824-8 : **£76.99**

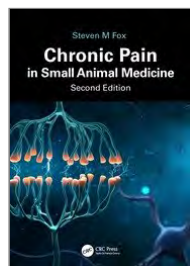
Hb: 978-1-498-76317-2 : **£135**

eBook: 978-1-315-15342-1

* For full contents and more information, visit: www.routledge.com/9780367778248

2ND EDITION

Chronic Pain in Small Animal Medicine



Steven M. Fox SECURUS - a division of MWI, Clive, Iowa, USA

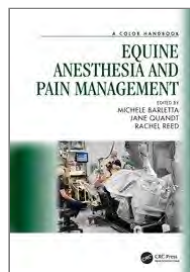
Over the past decade, many advances have been made in the discipline of pain management, including embracement under the One Medicine initiative to improve the health and well-being of multiple species. Contributing significantly to this progress is the evidence base provided by multimodal management of chronic diseases such as osteoarthritis, a leading cause of pet euthanasia. These advances are explored in this updated edition, which goes beyond common protocols by focusing on the latest evidence and our understanding of 'why and how to treat'.

CRC Press
August 2023 : 294pp
Pb: 978-1-032-45144-2 : **£81.99**
Hb: 978-1-032-45316-3 : **£210**
eBook: 978-1-003-37642-2

* For full contents and more information, visit: www.routledge.com/9781032451442

Equine Anesthesia and Pain Management

A Color Handbook



Edited by **Michele Barletta** Georgia Univ., **Jane Quandt** Georgia Univ., **Rachel Reed** Georgia Univ.

Series: Veterinary Color Handbook Series

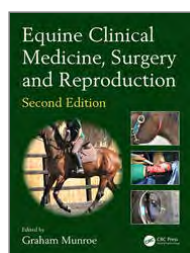
Equine Anesthesia and Pain Management: A Color Handbook brings together key information for clinicians in an easy-to-use, problem-orientated format. It disseminates a wealth of knowledge in a quick reference style, with a focus on clinical practice. Fifteen chapters cover everything from anesthetic equipment, premedication and physical restraint, to total intravenous anesthesia, inhalant anesthesia and partial intravenous anesthesia, recovery, complications, and euthanasia. Over 250 superb color photographs and diagrams bring the material to life. This book will be invaluable to equine practitioners, veterinary technicians/nurses, and veterinary students.

CRC Press
October 2022 : 284pp
Pb: 978-1-498-74958-9 : **£71.99**
Hb: 978-1-032-30962-0 : **£185**
eBook: 978-0-429-19094-0

* For full contents and more information, visit: www.routledge.com/9781498749589

2ND EDITION

Equine Clinical Medicine, Surgery and Reproduction



Edited by **Graham Munroe**

This fully-revised new edition is supported by over 1800 high quality illustrations. System-based chapters introduce each individual system with relevant basic anatomy and physiology, clinical examination techniques and useful differential diagnostic aids. This is followed by diseases and disorders pertinent to that system. Each condition is described using consistent headings and the focus remains on providing clinically relevant information required for practical case management, plus sufficient background to enable readers to understand the conditions and rationale for diagnostic and treatment options.

CRC Press
December 2019 : 1432pp
Hb: 978-1-138-19638-4 : **£215**
eBook: 978-0-429-11368-0

* For full contents and more information, visit: www.routledge.com/9781138196384

Health and Welfare of Brachycephalic (Flat-faced) Companion Animals

A Complete Guide for Veterinary and Animal Professionals



Edited by **Rowena Packer** The Royal Veterinary College, **Dan O'Neill** The Royal Veterinary College

Health and welfare issues relating to brachycephalic (flat-faced) dogs are now one of the most pressing problems facing companion animals. This book aims to equip veterinary professionals, animal welfare scientists, dog breeders and the interested owner with the full story about brachycephalic health and welfare. Cutting-edge knowledge is provided on a range of disciplines including anaesthesia, ophthalmology, dermatology, respiratory disease, neurological, dental, reproduction and weight control. The book offers substantial practical advice for veterinary teams on welfare and ethical issues around choosing, owning and caring for brachycephalic dogs to share with clients.

CRC Press
August 2021 : 418pp
Pb: 978-0-367-20724-3 : **£41.99**
Hb: 978-0-367-20741-0 : **£96.99**
eBook: 978-0-429-26323-1

* For full contents and more information, visit: www.routledge.com/9780367207243

Practical Handbook of Small Animal Soft Tissue Surgery



Vanna Dickerson, **Kelley Thiemann Mankin**

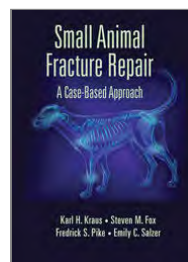
This concise, image-heavy text provides a step-by-step guide to perform common surgical procedures encountered in small animal general practice. A resource for busy practitioners as well as upper-level undergraduate veterinary students, it offers a "how to" with tips and tricks. Select surgical procedures are broken down into steps, including suggested suture materials and patterns. The spiralbound, portable format allows practitioners to reference the book, open, during surgery. The bullet-point presentation also enables fast review of "need to know" information prior to entering the operating room.

CRC Press
May 2025 : 224pp
Pb: 978-1-032-48962-9 : **£53.99**
Hb: 978-1-032-48963-6 : **£180**

* For full contents and more information, visit: www.routledge.com/9781032489629

Small Animal Fracture Repair

A Case-Based Approach



Karl H. Kraus, **Steven M. Fox**, **Federick S. Pike**, **Emily C. Salzer**, **C. Salzer**

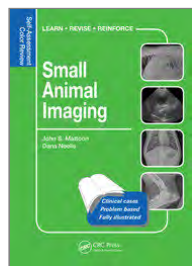
This book provides students, practitioners, residents, and surgeons with an easily accessible and visual guide to successful methods of repairing more common fractures of dogs and cats. The concept allows clinicians to easily compare a fracture of a patient presented to them to the book and see what successful repairs were performed. There is also dialogue on the treatment options and special considerations. Importantly, follow-up radiographs provide insight into what type and rate of healing is to be expected.

CRC Press
June 2020 : 180pp
Pb: 978-0-367-57443-7 : **£45.99**
Hb: 978-1-498-73242-0 : **£175**
eBook: 978-1-315-36989-1

* For full contents and more information, visit: www.routledge.com/9780367574437

Small Animal Imaging

Self-Assessment Review



John S. Mattoon Adjunct Professor of Radiology, College of Veterinary Medicine, Washington State University, USA.
, Dana Neelis

Series: Veterinary Self-Assessment Color Review Series

Presented in an easy-to-ready format, *Small Animal Imaging: Self-Assessment Color Review* offers a case-based approach to reviewing and interpreting images and developing a differential diagnosis when necessary. Nearly 200 cases are presented, each beginning with the patient's age, gender, breed, and species. The reason the patient was brought to the clinic is discussed along with preliminary examination and diagnostic test findings. Supporting high-quality images are also presented with each case. A separate section presents detailed answers including information on the radiographic findings, radiographic diagnosis, comments, and notes on whether further imaging or evaluation is needed.

CRC Press

March 2018 : 280pp

Pb: 978-1-482-22520-4 : **£41.99**

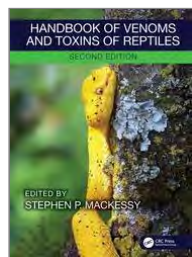
Hb: 978-1-138-09149-8 : **£180**

eBook: 978-1-315-38186-2

* For full contents and more information, visit: www.routledge.com/9781482225204

2ND EDITION

Handbook of Venoms and Toxins of Reptiles



Edited by **Stephen P. Mackessy** University of Northern Colorado, Greeley, CO, USA

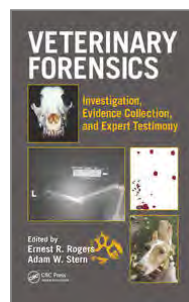
A decade after publication of the first edition, this handbook responds to extensive changes in the field of toxinology to endure as the most comprehensive review of reptile venoms on the market. The six sections of this new edition, which has nearly doubled in size, complement the original handbook by presenting current information from many of the leading researchers and physicians in toxinology, with topics ranging from functional morphology, evolution and ecology to crystallography, -omics technologies and more. The section on snakebite now includes several chapters dealing with the problem broadly and with new technologies.

CRC Press
May 2021 : 680pp
Hb: 978-0-367-14974-1 : £175
eBook: 978-0-429-05420-4

* For full contents and more information, visit: www.routledge.com/9780367149741

Veterinary Forensics

Investigation, Evidence Collection, and Expert Testimony



Edited by **Ernest Rogers, Adam W. Stern**

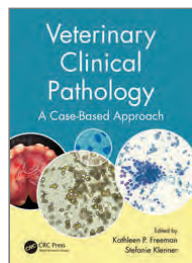
Veterinary Forensics fills the void of applied, real-world investigative techniques for the collection and presentation of veterinary forensic medical and scientific information. Chapters cover the forensic clinical examination and forensic necropsy of small and large animal species, forensic radiology, forensic toxicology, bitemark analysis and animal behavior. Various forensic disciplines such as bloodstain pattern analysis, DNA analysis, animal sexual abuse, agroterrorism, animal hoarding, ritual crimes against animals, and animal fighting are discussed. This is a reference for students and professionals for all relevant evidentiary, investigative, and legal elements.

CRC Press
March 2021 : 436pp
Pb: 978-0-367-77824-8 : £76.99
Hb: 978-1-498-76317-2 : £135
eBook: 978-1-315-15342-1

* For full contents and more information, visit: www.routledge.com/9780367778248

Veterinary Clinical Pathology

A Case-Based Approach



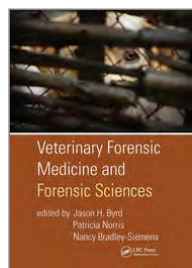
Edited by **Kathleen P. Freeman** Kathleen P. Freeman DVM BS MS PhD DipECVCP FRCPath MRCVS RCVS Specialist in Veterinary Pathology (Clinical Pathology), European Veterinary Specialist in Clinical Pathology, IDEXX Laboratories, UK, **Stefanie Klenner** Stefanie Klenner, Dr.med.vet, DipECVCP European Veterinary Specialist in Clinical Pathology scil animal care company GmbH, Viernheim, Germany

Presenting 200 cases and questions for those interested in improving their skills in veterinary clinical pathology, this book emphasises an understanding of the basic pathophysiologic mechanisms of disease, differential diagnoses and a recognition of patterns associated with various diseases or conditions. Topics discussed include haematology, clinical chemistry, endocrinology, acid-base and blood gas analysis, haemostasis, urinalysis, biological variation and quality control. Species covered include the cat, dog and horse, with additional material on ruminants.

CRC Press
June 2015 : 288pp
Pb: 978-1-482-22587-7 : £58.99
eBook: 978-0-429-15872-8

* For full contents and more information, visit: www.routledge.com/9781482225877

Veterinary Forensic Medicine and Forensic Sciences



Edited by **Jason H. Byrd, Patricia Norris, Nancy Bradley-Siemens**

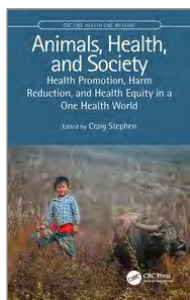
Veterinary Forensic Sciences and Medicine covers all relevant aspects in a succinct, easy-to-read, comprehensive format intended to be taught in a single semester course, including the application of veterinary forensic medicine to cases. Most importantly, the book covers both the scientific and legal principles for veterinary forensic evidence. Topics include DNA and genetic evidence, entomological evidence in support of veterinary forensics, animal fighting, situational deaths including poisonings, domestic violence and cruelty, sharp and blunt force trauma, gunshots and wound ballistics, sexual assault, non-human odontology and osteology, and more.

CRC Press
October 2024 : 496pp
Pb: 978-1-032-91949-2 : £59.99
Hb: 978-1-138-56372-8 : £105
eBook: 978-1-315-12191-8

* For full contents and more information, visit: www.routledge.com/9781032919492

Animals, Health, and Society

Health Promotion, Harm Reduction, and Health Equity in a One Health World



Edited by **Craig Stephen**

Series: *CRC One Health One Welfare*

This timely book promotes the positive contributions made to health across species, showing the reader situations wherein we can all, regardless of our job description, work across species, sectors and generations to motivate action. Case studies demonstrate that the principles and practices presented are feasible, empowering people to make choices that concurrently benefit the health of animals, societies and ecosystems. This is necessary reading for students and practitioners in planetary health, conservation, eco-health, health promotion, veterinary medicine and animal welfare.

CRC Press
December 2020 : 352pp
Pb: 978-0-367-33622-6 : **£84.99**
Hb: 978-0-367-64260-0 : **£215**
eBook: 978-0-429-32087-3

* For full contents and more information, visit: www.routledge.com/9780367336226

2ND EDITION

Arthropod-borne Infectious Diseases of the Dog and Cat



Edited by **Michael J. Day**

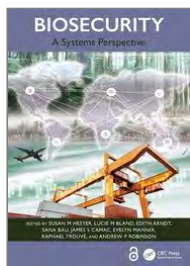
This book is an invaluable resource for information on the clinical presentation, pathogenesis, diagnosis and treatment of major arthropod-transmitted diseases of dogs and cats. Illustrated in colour throughout, the book incorporates photographs of clinical cases, haematology, cytology and gross and microscopic pathology, which help understand the diagnosis and treatment of these diseases. The book goes beyond just covering the diseases themselves and also provides information on the arthropods that transmit them. With the effects of climate change and increasing international pet travel, this book will be a valuable addition to every small animal practitioner's library.

CRC Press
June 2020 : 232pp
Pb: 978-0-367-57493-2 : **£45.99**
Hb: 978-1-498-70824-1 : **£175**
eBook: 978-0-429-06815-7

* For full contents and more information, visit: www.routledge.com/9780367574932

Biosecurity

A Systems Perspective



Edited by **Susan M Hester** UNE Business School, University of New England, Australia, **Lucie M Bland**, **Edith Arndt** University of Melbourne, Parkville, Australia, **Sana Bau**, **James S Camac** University of Melbourne, Australia, **Evelyn Mannix**, **Raphael Trouve**, **Andrew P Robinson**

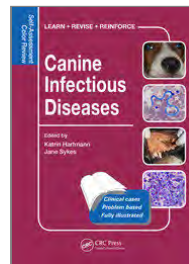
Biosecurity: A Systems Perspective provides an overview of biosecurity as a system of related components, actors and risks. This book — directed to the biosecurity practitioner, generalist scientist and student — introduces overall features of the biosecurity system while walking the reader through the most up-to-date research on each step of the continuum (i.e. pre-border, border and post-border activities). This book, which explicitly incorporates economic and social dimensions as well as varied decision-making contexts, paves the way for a more systemic approach to biosecurity risk management.

CRC Press
July 2024 : 278pp
Pb: 978-1-032-18169-1 : **£63.99**
Hb: 978-1-032-18168-4 : **£165**
eBook: 978-1-003-25320-4

* For full contents and more information, visit: www.routledge.com/9781032181691

Canine Infectious Diseases

Self-Assessment Color Review



Edited by **Katrin Hartmann**, **Jane Sykes**

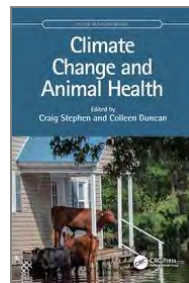
Series: *Veterinary Self-Assessment Color Review Series*

This book covers all types of canine infectious diseases, including infections caused by viruses, bacteria, parasites and fungi. Over 200 clinical cases are presented randomly, as in practice, and cover the range of infectious diseases which affect all the organ systems of the dog. Featuring international expert contributors, the illustrated cases contain integrated questions and detailed explanatory answers.

CRC Press
March 2018 : 288pp
Pb: 978-1-482-22515-0 : **£37.99**
eBook: 978-1-315-17199-9

* For full contents and more information, visit: www.routledge.com/9781482225150

Climate Change and Animal Health



Edited by **Craig Stephen** McEachran Institute, Canada, **Colleen Duncan** Colorado State Univ.

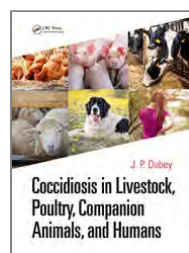
Series: *CRC One Health One Welfare*

This benchmark publication brings together information on the current and anticipated effects of climate change on animal health. It empowers educators, managers, practitioners, and researchers by providing evidence, experience, and opinions on what we need to do to prepare for, and cope with, the largest threat ever to have faced animals on this planet. After introducing animal health in a climate change context, chapters look at specific animal health impacts arising from climate change. The book concludes with suggestions on teachable and actionable ideas that could be used to mobilize concepts provided into education or advocacy.

CRC Press
November 2022 : 334pp
Pb: 978-0-367-71201-3 : **£46.99**
Hb: 978-0-367-71202-0 : **£130**
eBook: 978-1-003-14977-4

* For full contents and more information, visit: www.routledge.com/9780367712013

Coccidiosis in Livestock, Poultry, Companion Animals, and Humans



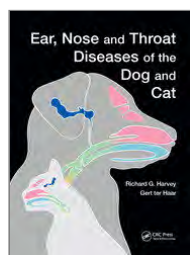
Edited by **J. P. Dubey**

Despite an explosion of research in the last 40 years, there has been no new book published discussing conventional coccidiosis for more than 25 years. This comprehensive review therefore answers an urgent need for a book dealing exclusively with conventional coccidia (Eimeria and Isospora). It provides concise, authoritative, up to date information on coccidiosis, with particular attention to research in the last 28 years

CRC Press
June 2022 : 396pp
Pb: 978-1-032-33759-3 : **£45.99**
Hb: 978-0-367-26592-2 : **£175**
eBook: 978-0-429-29410-5

* For full contents and more information, visit: www.routledge.com/9781032337593

Ear, Nose and Throat Diseases of the Dog and Cat



Richard Harvey, Gert ter Haar Royal Veterinary College, UK

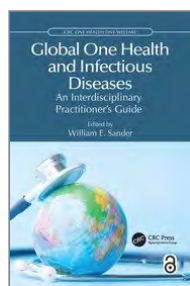
The book is divided into four sections – The Ear, The Nose, The Throat and Surgery of the Ear, Nose and Throat. Each of the first three sections discusses anatomy and physiology and then reviews a wide variety of diagnostic procedures. Chapters in each of the three sections then provides a detailed and extensive review of the diseases of the pinna, external ear canal, middle ear and inner ear – nasal planum, nasal cavities and sinuses and nasopharynx – pharynx and larynx. The final section opens with a chapter on perioperative management with subsequent chapters that cover surgery of the ear, nose and throat.

CRC Press
September 2018 : 520pp
Pb: 978-0-367-13317-7 : **£43.99**
Hb: 978-1-482-23649-1 : **£135**
eBook: 978-1-315-37306-5

* For full contents and more information, visit: www.routledge.com/9780367133177

Global One Health and Infectious Diseases

An Interdisciplinary Practitioner's Guide



Edited by **William E. Sander** University of Illinois

Series: **CRC One Health One Welfare**

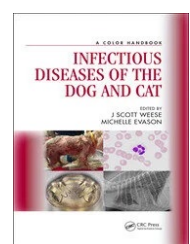
Through the lens of infectious disease, this book brings together the diverse range of topics necessary to be an effective global health practitioner at the intersection of human and animal health, particularly in developing countries. It explores what a practitioner should be aware of when working with infectious diseases globally, including technical skills, cultural competency, capacity building and big data. An important reference for upper-level undergraduate students, graduate students, and early practitioners in human, animal, and public health, this text highlights the competencies rather than focusing on the problems in Global One Health.

CRC Press
January 2025 : 404pp
Pb: 978-1-032-14067-4 : **£61.99**
Hb: 978-1-032-14074-2 : **£175**

* For full contents and more information, visit: www.routledge.com/9781032140674

Infectious Diseases of the Dog and Cat

A Color Handbook



Edited by **J Scott Weese, Michelle Evason**

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.

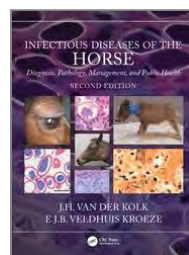
Routledge
May 2023 : 328pp
Pb: 978-1-032-57010-5 : **£48.99**
Hb: 978-1-498-77551-9 : **£125**
eBook: 978-0-429-18664-6

* For full contents and more information, visit: www.routledge.com/9781032570105

2ND EDITION

Infectious Diseases of the Horse

Diagnosis, pathology, management, and public health



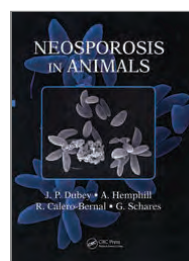
J.H. van der Kolk Utrecht Univ., **E.J.B. Veldhuis Kroeze** Erasmus Univ. Med. Centre

This comprehensive yet practical book about established infectious diseases of horses is categorized according to the different pathogens. The majority of equine infectious diseases caused by microbes and parasites are covered - bacterial, viral, protozoan, fungal, ectoparasitic and helminthic. Practical Appendices contain a list of differential diagnoses based on clinical signs to support clinical decision-making, a list of zoonoses and reportable diseases, and illustrations of clinical pathology and hematology. This is a valuable resource for all veterinary practitioners, scientists, students, technicians and nurses working with horses.

CRC Press
December 2022 : 370pp
Hb: 978-1-032-05428-5 : **£160**
eBook: 978-1-003-19754-6

* For full contents and more information, visit: www.routledge.com/9781032054285

Neosporosis in Animals



J.P. Dubey, A. Hemphill, R. Calero-Bernal, Gereon Schares

Neosporosis is a very important parasitic disease of animals, affecting the cattle industries and dog breeders worldwide. The global economic losses are estimated in billions from fetal death in cattle. The parasite has a wide host range, and it causes neurological disorders. There is no vaccine to prevent this infection. Neosporosis can be used as a model for other diseases that are transmitted from the mother to their fetuses. Knowledge of the biology of this parasite, the genome and gene functions of Neospora, the epidemiology and different aspects of immunology, and its diagnosis and control have grown dramatically. Neosporosis in Animals covers all these different aspects.

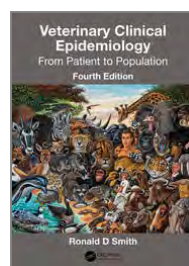
CRC Press
September 2020 : 548pp
Pb: 978-0-367-57370-6 : **£45.99**
Hb: 978-1-498-75254-1 : **£175**
eBook: 978-1-315-15256-1

* For full contents and more information, visit: www.routledge.com/9780367573706

4TH EDITION

Veterinary Clinical Epidemiology

From Patient to Population



Ronald D. Smith University of Illinois College of Veterinary Medicine, Urbana, USA

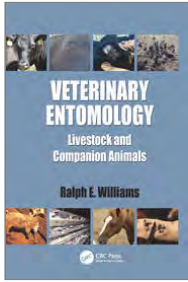
Ideal for veterinary students, residents and clinicians, the fourth edition of this bestselling textbook has been fully updated in line with developments in research and teaching. The logical chapter progression reflects the stages in a clinical case work-up and how epidemiological concepts and methods contribute. This new edition includes self-evaluation questions based on edited clinical research abstracts of online full-text reports, providing a template for student evaluation. The updated book includes guidelines for improving patient and population health outcomes, and detecting emerging diseases through systematic evaluation of patient encounters and electronic medical records.

CRC Press
October 2019 : 272pp
Pb: 978-1-138-39242-7 : **£84.99**
Hb: 978-1-138-39298-4 : **£215**
eBook: 978-0-429-40219-7

* For full contents and more information, visit: www.routledge.com/9781138392427

Veterinary Entomology

Livestock and Companion Animals



Ralph E. Williams Purdue University, West Lafayette, Indiana, USA

The first modern text dedicated to veterinary entomology, this work identifies those insects and related arthropods affecting the well being of livestock and companion animals. It provides detailed information on the problems they cause, while also offering guidelines on recommended pest management practices with a special emphasis on current trends and technology. The book covers cattle, swine, sheep and goats, poultry, pet animals, and horses. Written by a leading expert, this book is an excellent resource for all those involved with the handling and research of livestock and companion animals, as well as students in entomology, agricultural, and veterinarian science.

CRC Press

May 2017 : 376pp

Pb: 978-1-138-11818-8 : **£76.99**

Hb: 978-1-420-06849-8 : **£195**

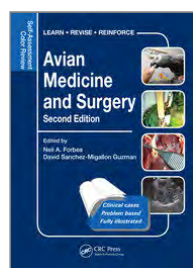
eBook: 978-0-429-18433-8

* For full contents and more information, visit: www.routledge.com/9781138118188

2ND EDITION

Avian Medicine and Surgery

Self-Assessment Color Review, Second Edition



Edited by **Neil A. Forbes** Great Western Exotic Vets, Swindon, UK, **David Sanchez-Migallon Guzman** UC Davis, California, USA

Series: Veterinary Self-Assessment Color Review Series

The completely revamped second edition of Avian Medicine and Surgery includes over 260 all-new colour illustrated cases. The international editor and author team present a breadth of cases in random order, just as they would occur in actual practice. Questions based on each case are accompanied with answers that fully explore the disease or disorder in question. The book provides a valuable reference for both candidates preparing for examinations and practitioners in their continuing education.

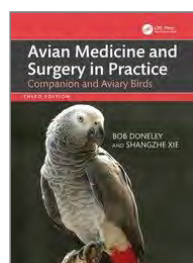
CRC Press
July 2017 : 384pp
Pb: 978-1-498-70351-2 : **£41.99**
eBook: 978-1-315-11937-3

* For full contents and more information, visit: www.routledge.com/9781498703512

3RD EDITION

Avian Medicine and Surgery in Practice

Companion and Aviary Birds



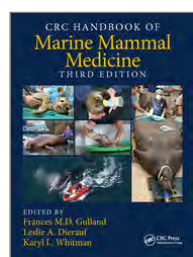
Edited by **Bob Doneley** Queensland University, **Shangzhe Xie** Mandai Wildlife Group

Avian Medicine and Surgery in Practice is an invaluable quick reference resource for clinicians, veterinary students and residents. Together Bob Doneley and Shangzhe Xie have thoroughly updated the book, incorporating the latest research and covering a larger range of species. Building on the practical aspects that make this book stand out from other resources, they have added step-by-step pictorial guides to common procedures and surgeries, as well as videos for more complicated ones. The book will therefore allow the practitioner to immediately help the patient at hand, whether to prescribe medication or perform life-saving surgery.

CRC Press
May 2025 : 472pp
Hb: 978-1-032-22422-0 : **£130**

* For full contents and more information, visit: www.routledge.com/9781032224220

3RD EDITION

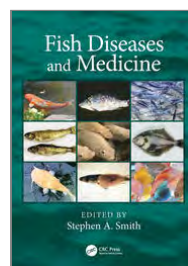
CRC Handbook of Marine Mammal Medicine

Edited by **Frances M.D. Gulland** Marine Mammal Center, Sausalito, California, USA, **Leslie A. Dierauf** Seattle, Washington, USA, **Karyl L. Whitman**

The new edition of the CRC Handbook of Marine Mammal Medicine provides a thorough and international approach to the husbandry, diseases, and environmental and political issues relating to marine mammal health and well-being. It covers all aspects of disease and health in cetaceans, pinnipeds, manatees, sea otters, and polar bears. In addition to the documented data on anatomy, physiology, infectious diseases, surgery, pathology, diagnostic imaging, and tagging and tracking, there are sections on marine mammals as sentinels of ocean health, strandings and rehabilitation, emerging diseases and public health considerations, legislative and regulatory issues, and careers in the field.

CRC Press
May 2018 : 1144pp
Hb: 978-1-498-79687-3 : **£220**
eBook: 978-1-315-14493-1

* For full contents and more information, visit: www.routledge.com/9781498796873

Fish Diseases and Medicine

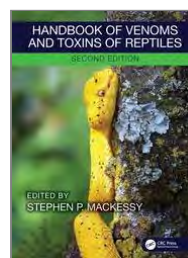
Edited by **Stephen A. Smith** Virginia-Maryland College of Veterinary Medicine, USA

This comprehensive text provides an overview of fish medicine and the diseases and disorders of tropical, ornamental, bait and food fish from the freshwater, brackish and marine environments. The book is organized by body systems, an approach consistent with how a practitioner examines a diseased animal. Nineteen chapters by expert contributors offer an international perspective, exploring the problems affecting fish in various regions of the world.

CRC Press
April 2019 : 412pp
Hb: 978-1-498-72786-0 : **£87.99**
eBook: 978-0-429-19525-9

* For full contents and more information, visit: www.routledge.com/9781498727860

2ND EDITION

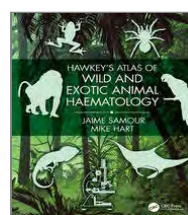
Handbook of Venoms and Toxins of Reptiles

Edited by **Stephen P. Mackessy** University of Northern Colorado, Greeley, CO, USA

A decade after publication of the first edition, this handbook responds to extensive changes in the field of toxinology to endure as the most comprehensive review of reptile venoms on the market. The six sections of this new edition, which has nearly doubled in size, complement the original handbook by presenting current information from many of the leading researchers and physicians in toxinology, with topics ranging from functional morphology, evolution and ecology to crystallography, -omics technologies and more. The section on snakebite now includes several chapters dealing with the problem broadly and with new technologies.

CRC Press
May 2021 : 680pp
Hb: 978-0-367-14974-1 : **£175**
eBook: 978-0-429-05420-4

* For full contents and more information, visit: www.routledge.com/9780367149741

Hawkey's Atlas of Wild and Exotic Animal Haematology

Jaime Samour, Mike Hart

This revised, updated and expanded edition of Christine Hawkey's A Colour Atlas of Comparative Veterinary Haematology is bursting with high-quality images to aid identification of blood cells and haemoparasites in the different species commonly seen in private practice and zoological collections. It will assist veterinarians in the identification of normal and abnormal blood cells and in understanding the structural differences of blood cells between the various taxa within the Animal Kingdom. With the help of this guide, readers will be able to understand haemoresponses in the presence of specific and non-specific disease processes.

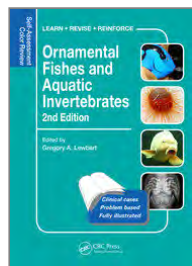
CRC Press
December 2020 : 288pp
Hb: 978-0-367-25701-9 : **£120**
eBook: 978-0-429-29904-9

* For full contents and more information, visit: www.routledge.com/9780367257019

2ND EDITION

Ornamental Fishes and Aquatic Invertebrates

Self-Assessment Color Review, Second Edition



Edited by **Gregory A. Lewbart** North Carolina State University, Raleigh, USA

Series: Veterinary Self-Assessment Color Review Series

This is a new edition in the Self-Assessment Colour Review series that covers ornamental fish. It includes 200 colour illustrated cases in random order, as they would be presented in practice. It presents questions based on each case with answers that fully explore the disease/disorder. This new edition contains 250 new cases. The book should appeal to candidates preparing for examinations and to practitioners in their continuing education.

CRC Press

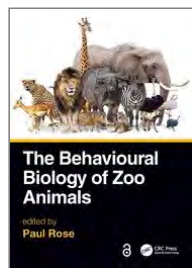
September 2016 : 256pp

Pb: 978-1-482-25886-8 : **£41.99**

eBook: 978-1-315-38149-7

* For full contents and more information, visit: www.routledge.com/9781482258868

The Behavioural Biology of Zoo Animals



Edited by **Paul Rose** Exeter Univ.

This is the first book on captive animal behaviour and how this applies to welfare. The book enables all aspects of zoo husbandry and management (nutrition, enclosure design, handling and training, enrichment, population management) to be based on a sound knowledge of the species, its evolutionary and natural history. Chapters from expert authors cover a vast range of taxa, from primates and elephants to marine mammals and freshwater fish, to reptiles, birds and invertebrates. It explains how evidence from the wild can be implemented into captive care to support the wider aims of the zoo (conservation, education, research and recreation).

CRC Press

November 2022 : 367pp

Pb: 978-1-032-07716-1 : **£57.99**

Hb: 978-1-032-07719-2 : **£150**

eBook: 978-1-003-20847-1

* For full contents and more information, visit: www.routledge.com/9781032077161

| | | | |
|---|---|---|--|
| G | Infectious Diseases of the Dog and Cat50 | Ornamental Fishes and Aquatic Invertebrates . .27 | Small Animal Imaging20 |
| Global One Health and Infectious Diseases9 | Infectious Diseases of the Dog and Cat65 | Ornamental Fishes and Aquatic Invertebrates . .68 | Small Animal Imaging62 |
| Goat Medicine and Surgery33 | Infectious Diseases of the Dog and Cat29 | P | Small Animal Imaging37 |
| Goat Medicine and Surgery9 | Infectious Diseases of the Horse65 | Physical Therapy and Massage for the Dog . . .57 | Small Animal Medicine and Metabolic Disorders6 |
| H | Infectious Diseases of the Horse29 | Pig Health10 | Small Animal Medicine and Metabolic Disorders44 |
| Handbook of Laboratory Animal Science31 | Infectious Diseases of the Horse10 | Pocket Handbook of Small Animal Medicine . .35 | Small Animal Neurological Emergencies49 |
| Handbook of Venoms and Toxins of Reptiles . .48 | Infectious Diseases of the Horse50 | Pocket Handbook of Small Animal Medicine . .20 | Small Animal Neurological Emergencies51 |
| Handbook of Venoms and Toxins of Reptiles . . .9 | L | Practical Cardiology for Veterinary Nurses . . .43 | T |
| Handbook of Venoms and Toxins of Reptiles . .63 | Laboratory Animals Pocket Reference Set . . .31 | Practical Cardiology for Veterinary Nurses . . .54 | The Aquarium Fish Medicine Handbook28 |
| Handbook of Venoms and Toxins of Reptiles . .67 | Language Signs and Calming Signals of Horses34 | Practical Handbook of Small Animal Soft Tissue Surgery61 | The Behavioural Biology of Zoo Animals4 |
| Handbook of Venoms and Toxins of Reptiles . .27 | Language Signs and Calming Signals of Horses14 | Practical Handbook of Small Animal Soft Tissue Surgery36 | The Behavioural Biology of Zoo Animals28 |
| Hawkey's Atlas of Wild and Exotic Animal Haematology67 | Language Signs and Calming Signals of Horses25 | Practical Veterinary Dental Radiography46 | The Equine Distal Limb40 |
| Hawkey's Atlas of Wild and Exotic Animal Haematology27 | Language Signs and Calming Signals of Horses3 | R | The Equine Distal Limb25 |
| Health and Welfare of Brachycephalic (Flat-faced) Companion Animals42 | Learning Animals14 | Rabbit Medicine and Surgery28 | The Racehorse40 |
| Health and Welfare of Brachycephalic (Flat-faced) Companion Animals35 | Learning Animals18 | Rabbit Medicine and Surgery43 | The Racehorse25 |
| Health and Welfare of Brachycephalic (Flat-faced) Companion Animals53 | Learning Animals59 | Rapid Review of ECG Interpretation in Small Animal Practice49 | The Veterinary General Practice Casebook . . .35 |
| Health and Welfare of Brachycephalic (Flat-faced) Companion Animals32 | Learning from Disease in Pets15 | Rapid Review of ECG Interpretation in Small Animal Practice36 | The Veterinary General Practice Casebook . . .44 |
| Health and Welfare of Brachycephalic (Flat-faced) Companion Animals14 | Learning from Disease in Pets16 | S | The Veterinary General Practice Casebook . . .20 |
| Health and Welfare of Brachycephalic (Flat-faced) Companion Animals9 | Learning from Disease in Pets55 | Scenwork for Horses25 | The Welfare of Cattle15 |
| Health and Welfare of Brachycephalic (Flat-faced) Companion Animals20 | Learning from Disease in Pets59 | Scenwork for Horses15 | The Welfare of Cattle6 |
| Health and Welfare of Brachycephalic (Flat-faced) Companion Animals56 | Learning from Disease in Pets31 | Scentwork for Horses4 | The Welfare of Cattle34 |
| Health and Welfare of Brachycephalic (Flat-faced) Companion Animals48 | Learning from Disease in Pets10 | Sensory Systems of Animals43 | The Welfare of Cattle10 |
| Health and Welfare of Brachycephalic (Flat-faced) Companion Animals18 | Learning from Disease in Pets18 | Sensory Systems of Animals51 | |
| Health and Welfare of Brachycephalic (Flat-faced) Companion Animals61 | M | Sensory Systems of Animals4 | V |
| How to Build a Puppy14 | Moriello's Small Animal Dermatology, Fundamental Cases and Concepts47 | Sheep Veterinary Practice32 | Veterinary Clinical Epidemiology30 |
| How to Build a Puppy39 | Moriello's Small Animal Dermatology, Fundamental Cases and Concepts43 | Skin Diseases of the Dog and Cat47 | Veterinary Clinical Epidemiology11 |
| How to Build a Puppy3 | Multimodal Management of Canine Osteoarthritis57 | Skin Diseases of the Dog and Cat43 | Veterinary Clinical Epidemiology65 |
| How to Build a Puppy57 | N | Small Animal Anesthesia and Pain Management .37 | Veterinary Clinical Pathology44 |
| How to Raise a Puppy14 | Narrative Medicine in Veterinary Practice . . .15 | Small Animal Clinical Oncology55 | Veterinary Clinical Pathology21 |
| How to Raise a Puppy3 | Narrative Medicine in Veterinary Practice . . .59 | Small Animal Clinical Oncology44 | Veterinary Clinical Pathology63 |
| How to Write a PhD in Biological Sciences . . .59 | Neosporosis in Animals65 | Small Animal Cytologic Diagnosis45 | Veterinary Cytology45 |
| I | Noninfectious Diseases and Pathology of Reptiles .27 | Small Animal Emergency and Critical Care Medicine49 | Veterinary Dentistry46 |
| Illustrated Textbook of Clinical Diagnosis in Farm Animals20 | O | Small Animal Emergency and Critical Care Medicine37 | Veterinary Entomology66 |
| Illustrated Textbook of Clinical Diagnosis in Farm Animals43 | Obesity in the Dog and Cat6 | Small Animal Emergency and Critical Care Medicine49 | Veterinary Entomology11 |
| Illustrated Textbook of Clinical Diagnosis in Farm Animals34 | Obesity in the Dog and Cat20 | Small Animal Fracture Repair58 | Veterinary Entomology30 |
| Illustrated Textbook of Clinical Diagnosis in Farm Animals9 | One Welfare in Practice10 | Small Animal Fracture Repair61 | Veterinary Entomology34 |
| Infectious Diseases and Pathology of Reptiles . .27 | One Welfare in Practice15 | Small Animal Imaging49 | Veterinary Forensic Medicine and Forensic Sciences63 |
| Infectious Diseases of the Dog and Cat34 | Ophthalmic Disease in Veterinary Medicine . .56 | | Veterinary Forensic Medicine and Forensic Sciences60 |

| | | | | | | | |
|---|----|---|----|---|----|--|----|
| A. | 32 | Chastain | 2 | Dolby | 14 | Freeman, Klenner | 63 |
| Abbott | 32 | Chastain | 2 | Dolby | 59 | Freeman, Klenner | 44 |
| B. | | Chastain | 2 | Dolby | 18 | G. | |
| Ballantyne | 18 | Chastain | 22 | Doneley, Xie | 26 | Gardiner, Quain | 20 |
| Ballantyne | 54 | Chastain | 23 | Doneley, Xie | 67 | Gardiner, Quain | 44 |
| Barger, MacNeill | 45 | Chastain | 39 | Draaisma | 25 | Gardiner, Quain | 35 |
| Barletta, Quandt, Reed | 61 | Chastain | 33 | Draaisma | 15 | Grubb, Albi, Ensign, Holden, Meyer, Valdez | 36 |
| Barletta, Quandt, Reed | 23 | Chastain | 7 | Draaisma | 14 | Grubb, Albi, Ensign, Holden, Meyer, Valdez | 52 |
| Barletta, Quandt, Reed | 53 | Chastain | 32 | Draaisma | 4 | Gulland, Dierauf, Whitman | 67 |
| Barletta, Quandt, Reed | 36 | Chastain | 17 | Draaisma | 3 | Gulland, Dierauf, Whitman | 26 |
| Barletta, Quandt, Reed | 48 | Chastain | 8 | Draaisma | 34 | H. | |
| Barnett, Javscas, Munroe | 41 | Chastain | 52 | Draaisma | 25 | Hancock, Rouse, Craig | 16 |
| Barnett, Javscas, Munroe | 22 | Chastain | 52 | Dubey | 50 | Hancock, Rouse, Craig | 7 |
| Beasley, Munroe, Bertin, Munroe | 56 | Chastain | 41 | Dubey | 8 | Hancock, Rouse, Craig | 12 |
| Beasley, Munroe, Bertin, Munroe | 51 | Chastain | 22 | Dubey | 33 | Hartmann, Sykes | 64 |
| Beasley, Munroe, Bertin, Munroe | 23 | Cian, Freeman | 45 | Dubey | 64 | Harvey, ter Haar | 29 |
| Beasley, Munroe, Bertin, Munroe | 42 | Clark | 17 | Dubey, Hemphill, Calero-Bernal, Schares | 29 | Harvey, ter Haar | 65 |
| Berger | 47 | Clark | 2 | E. | | Harvey, ter Haar | 42 |
| Berger | 43 | Clark | 52 | Engle, Klingborg, DVM, Rollin | 34 | Harwood, Mueller | 9 |
| Bernard, Barr | 24 | Clark | 12 | Engle, Klingborg, DVM, Rollin | 15 | Harwood, Mueller | 33 |
| Binagia, Boysen, Stastny | 52 | Cline, Murphy | 20 | Engle, Klingborg, DVM, Rollin | 6 | Hau, Schapiro | 31 |
| Binagia, Boysen, Stastny | 17 | Coleman, Schapiro | 6 | Engle, Klingborg, DVM, Rollin | 10 | Heinrich, Eisenschenk, Harvey, Nuttall | 43 |
| Binagia, Boysen, Stastny | 19 | Coleman, Schapiro | 31 | F. | | Heinrich, Eisenschenk, Harvey, Nuttall | 47 |
| Binagia, Boysen, Stastny | 36 | Constantinescu | 31 | Fine | 59 | Herrmann | 26 |
| Busby | 3 | Cruz, Munroe, Schramme | 57 | Fine | 15 | Hester, Bland, Arndt, Bau, Camac, Mannix, Trouve, Robinson | 7 |
| Busby | 23 | Cruz, Munroe, Schramme | 39 | Forbes, Guzman | 41 | Hester, Bland, Arndt, Bau, Camac, Mannix, Trouve, Robinson | 64 |
| Byrd, Norris, Bradley-Siemens | 60 | Cruz, Munroe, Schramme | 22 | Forbes, Guzman | 67 | Hollins | 51 |
| Byrd, Norris, Bradley-Siemens | 63 | D. | | Forbes, Guzman | 26 | Hollins | 43 |
| C. | | Day | 29 | Fox | 51 | Hollins | 4 |
| Carr, Chen, Connor, Kirkwood, Segalés | 10 | Day | 64 | Fox | 8 | Hooten, Johnson, McClintock, Morales | 39 |
| Carr, Chen, Connor, Kirkwood, Segalés | 34 | Day | 50 | Fox | 36 | J. | |
| Catchpole, HogenEsch | 29 | Day | 33 | Fox | 41 | Jacobson, Garner | 27 |
| Chastain | 12 | Denoix | 40 | Fox | 57 | Jacobson, Garner | 27 |
| Chastain | 53 | Denoix | 25 | Fox | 19 | Johnson-Delaney | 26 |
| Chastain | 42 | Denoix | 24 | Fox | 60 | Jones | 53 |
| Chastain | 13 | Dickerson, Thieman Mankin | 36 | Fox | 61 | Jones | 17 |
| Chastain | 42 | Dickerson, Thieman Mankin | 61 | Fox | 57 | Jones | 13 |
| Chastain | 17 | E. | | Freeman, Klenner | 21 | Jones | 3 |
| Chastain | 13 | Engle, Klingborg, DVM, Rollin | 34 | K. | | Kaya Karasu, Huntington | 6 |
| | | Engle, Klingborg, DVM, Rollin | 15 | | | | |
| | | Engle, Klingborg, DVM, Rollin | 6 | | | | |
| | | Engle, Klingborg, DVM, Rollin | 10 | | | | |
| | | F. | | | | | |
| | | Fine | 59 | | | | |
| | | Fine | 15 | | | | |
| | | Forbes, Guzman | 41 | | | | |
| | | Forbes, Guzman | 67 | | | | |
| | | Forbes, Guzman | 26 | | | | |
| | | Fox | 51 | | | | |
| | | Fox | 8 | | | | |
| | | Fox | 36 | | | | |
| | | Fox | 41 | | | | |
| | | Fox | 57 | | | | |
| | | Fox | 19 | | | | |
| | | Fox | 60 | | | | |
| | | Fox | 61 | | | | |
| | | Fox | 57 | | | | |
| | | Freeman, Klenner | 21 | | | | |

| | | | | | | | |
|--|----|--|----|---|----|---|----|
| Kaya Karasu, Huntington | 24 | Munroe, Bertin, Cruz, Durham, Cruz | 47 | Rose | 68 | Southwood, Wilkins | 48 |
| Keeble, Meredith, Richardson | 43 | Munroe, Bertin, Cruz, Durham, Cruz | 22 | Rose | 4 | Steier | 13 |
| Keeble, Meredith, Richardson | 28 | | | Rose | 60 | Steier | 9 |
| Kirby, Kirby, Rudloff, Linklater | 49 | N | | Rose | 28 | Stephen | 7 |
| Kirby, Kirby, Rudloff, Linklater | 37 | Niemiec, Gawor, Jekl | 46 | Rousseau, Rugaas | 14 | Stephen | 64 |
| Ko | 54 | | | Rousseau, Rugaas | 3 | Stephen | 12 |
| Ko | 37 | O | | Rozanski, Rush | 37 | Stephen | 59 |
| Kraus, Fox, Pike, Salzer | 61 | Obradovich, DVM, DACVIM | 44 | Rozanski, Rush | 49 | Stephen | 16 |
| Kraus, Fox, Pike, Salzer | 58 | Obradovich, DVM, DACVIM | 55 | Ruaux | 44 | Stephen, Duncan | 8 |
| Krimins | 55 | Olson | 59 | Ruaux | 6 | Stephen, Duncan | 64 |
| Krimins | 31 | Oyama, Kraus, Gelzer | 49 | | | Stephen, Duncan | 13 |
| Krimins | 16 | Oyama, Kraus, Gelzer | 36 | S | | Stephens | 10 |
| Krimins | 18 | | | Salguero Bodes, Pallares Martinez | 38 | Stephens | 15 |
| Krimins | 59 | P | | Salguero Bodes, Pallares Martinez | 19 | Sturgess | 35 |
| Krimins | 10 | Pace | 54 | Samour, Hart | 27 | Sturgess | 20 |
| Krimins | 15 | Pace | 43 | Sander | 65 | Sørensen, Cloutier, Gaskill | 31 |
| | | Packer, O'Neill | 61 | Sander | 9 | Sørensen, Cloutier, Gaskill | 12 |
| L | | Packer, O'Neill | 18 | Schaer, Gaschen, Walton | 19 | | 2 |
| Lewbart | 27 | Packer, O'Neill | 32 | Schaer, Gaschen, Walton | 35 | V | |
| Lewbart | 68 | Packer, O'Neill | 14 | Schaer, Gaschen, Walton | 41 | van der Kolk, Veldhuis Kroeze | 24 |
| Lusi, Davies | 24 | Packer, O'Neill | 53 | Schaer D.V.M. | 19 | van der Kolk, Veldhuis Kroeze | 29 |
| | | Packer, O'Neill | 35 | Scott | 43 | van der Kolk, Veldhuis Kroeze | 10 |
| M | | Packer, O'Neill | 9 | Scott | 33 | van der Kolk, Veldhuis Kroeze | 29 |
| Mackessy | 9 | Packer, O'Neill | 42 | Scott | 8 | van der Kolk, Veldhuis Kroeze | 65 |
| Mackessy | 63 | Packer, O'Neill | 20 | Scott | 20 | van Zon | 26 |
| Mackessy | 67 | Packer, O'Neill | 48 | Scott | 34 | van Zon | 53 |
| Mackessy | 48 | Packer, O'Neill | 56 | Scott | 9 | van Zon | 48 |
| Mackessy | 27 | Platt, Garosi | 49 | Scott, Marti, Witte | 57 | Various | 31 |
| Mai | 51 | Platt, Garosi | 51 | Scott, Marti, Witte | 39 | Verstraete, Tsugawa | 46 |
| Mair, Divers | 24 | | | Shepherd | 17 | | |
| Martin, Pickett, Spiess | 56 | R | | Shepherd | 33 | W | |
| Mattoon, Neelis | 20 | Ramzan | 40 | Shepherd | 3 | Ware, Bonagura | 19 |
| Mattoon, Neelis | 37 | Ramzan | 25 | Shepherd | 8 | Ware, Bonagura | 22 |
| Mattoon, Neelis | 49 | Rich, Patterson-Kane | 12 | Shepherd | 53 | Ware, Bonagura | 41 |
| Mattoon, Neelis | 62 | Rich, Patterson-Kane | 7 | Smith | 27 | Ware, Bonagura | 48 |
| McBane | 39 | Robertson | 57 | Smith | 65 | Weese, Evason | 65 |
| McBane | 14 | Robertson | 39 | Smith | 30 | Weese, Evason | 50 |
| Measey | 59 | Robertson | 14 | Smith | 11 | Weese, Evason | 29 |
| Munroe | 61 | Robertson | 13 | Southwood, Wilkins | 23 | Weese, Evason | 10 |
| Munroe | 23 | Robertson | 5 | | | Weese, Evason | 34 |
| Munroe, Bertin, Cruz, Durham, Cruz | 42 | Robertson | 3 | | | Williams | 30 |
| | | Robertson, Mead | 57 | | | Williams | 66 |
| | | Rogers, Stern | 60 | | | Williams | 34 |
| | | Rogers, Stern | 63 | | | Williams | 11 |



VISIT ROUTLEDGE.COM

Visit www.routledge.com today to view the full range of **books** and **journals** in each subject area.

View the **latest titles**, exclusive **author interviews** and **news**, and sign up to our subject specific **eUpdates**, to receive details of new publications and special offers by email.

Look Inside Routledge Books

Did you know that many of our books now have 'Look Inside' functionality that allows you to browse online content before making any purchasing decisions?

For more information visit www.routledge.com.



