

Equine Science

A new edition of a highly respected textbook and reference in the rapidly emerging field of equitation science.

Equitation Science, 2nd Edition incorporates learning theory into ethical equine training frameworks suitable for riders of any level and for all types of equestrian activity.

Written by international experts at the forefront of the development of the field, the welfare of the horse and rider safety are

primary considerations throughout. This edition features a new chapter on research methods, and a companion website provides the images from the book in PowerPoint.

Horses can develop a range of behavioural problems, which if left untreated, could cause the relationship between horse and human to break down. With many different well-meaning opinions offered to solve such situations, it can be difficult to find the right path. In this book, Rose Scofield examines behavioural

issues using the latest academic research. Offering practical solutions and with useful diagrams and photographs throughout, the book helps to protect and develop the horse-human relationship. With coverage of current issues and the latest therapeutic advances, Robinson's Current Therapy in Equine Medicine, Volume 7 provides a concise, all-new reference for the management of equine disorders and conditions. Chapters emphasize the practical aspects of diagnosis and treatment

and provide details for therapeutic regimens. This new volume brings you thorough coverage and authoritative advice on selected topics in areas that have seen significant advances in the last five years. Cutting-edge topics include emerging and exotic infectious diseases that may endanger horses in North America; biosecurity strategies; imaging updates; medical genetics; multimodal pain management; and regenerative, geriatric, and oncologic medicine. A logical body-system

organization will save you time in finding the information you need. From well-known editors Kim Sprayberry and N. Edward Robinson, with chapters written by nearly 200 equine experts, this invaluable reference provides unparalleled guidance on the latest issues in equine medicine. Key topics include all-new coverage of the latest developments in imaging, biosecurity strategies for individual horse owners and owners of commercial farms and stables, diseases affecting horses

at various ages, and a review of colic and other GI tract conditions. A recognized panel of nearly 200 expert contributors represents thriving private equine practices, referral hospitals, and academia, and provides insight on challenges, developments, and differing perspectives from around the world. A succinct approach is used to discuss pathophysiology and diagnosis, but therapeutics are covered in detail. The Current Therapy format focuses on emerging trends, treatment

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protocols, and diagnostic updates new to the field, providing timely information on the latest advances in equine medicine. A body systems organization makes it easy to find solutions for specific disorders.

Suggested readings at the end of each chapter cite peer-reviewed articles and other sources for further research and study. ALL-NEW topics provide updates on infectious diseases, including herpesvirus, equine granulocytic anaplasmosis, and lawsonia infection and

proliferative enteropathy; pain diagnosis and multimodal management; management of thoracic and airway trauma, imaging, endoscopy, and other diagnostic procedures for the acute abdomen; and neurologic injury. 212 concise, NEW chapters include both a succinct guide to diagnosis of disorders and a detailed discussion of therapy. NEW images demonstrate advances in various imaging techniques. Thoroughly updated drug appendices, including all-new coverage of drug

dosages for donkeys and mules, provide a handy, quick reference for the clinical setting.

Equine Behavioral Medicine provides an essential resource for those who work with, study, and provide care to horses. It provides critical knowledge to help users understand the complex aspects of their behavior in order to benefit the animal, observe safe practices, and advance research in this area. The book includes current information on normal horse behavior and problem

behaviors, particularly those associated with medical conditions, changes in the nervous system, and the use of drug therapy. Readers will gain a comprehensive understanding of the differences of the sensory systems and the concepts of learning that are helpful for successful treatments and safety. With the use of psychopharmacology becoming increasingly common by veterinarians, including for abnormal behaviors, is important to understand the rationale

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for the use of these medications. Understanding the intimate relationship between behavior, physiology, and health is key to practitioners, students, professionals, and others who work with, or care for, horses. Pulls together the current published science on equine behavior into chapters covering a variety of specific behavioral topics Features discussion based on an extensive review of the literature Includes a thorough reference list in each chapter for those who

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might be interested in
further research

Equine Locomotion - E-Book

Treatment and Procedures

Manual of Equine

Emergencies

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Equine Dermatology - E-
Book

Equine Science Cengage Learning

Love horses? Get the basics on equines in one handy volume! Are you horse crazy? Whether you own a horse, ride at a boarding stable, are enrolled in a youth horse organization or an equine-studies program, this is the reference guide for you. Accompanying the easy-to-understand text with charts,

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illustrations, photos and lists of references, Jeannie Griffiths provides practical advice and loads of information in this indispensable guide to the horse—a must for any horse enthusiast or equine student's library!

Ideal for both practitioners and students, this comprehensive resource covers the diagnosis, treatment, and prevention of infectious disease in horses.

Organized by infectious agent — virus, bacterial and rickettsial, protozoal, and fungal — it includes complete coverage of the individual diseases caused by each type of agent. A section on clinical problems examines conditions such

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as ocular infections, CNS infections, and skin infections. It also addresses the importance of preventing and controlling infectious disease outbreaks with coverage of epidemiology, biosecurity, antimicrobial therapy, and recognizing foreign equine diseases. Full-color photos and illustrations provide clear, accurate representations of the clinical appearance of infectious diseases. Features the most recent information on the global threat of newly emergent diseases such as African Horse Sickness. Includes a comprehensive section on the prevention and control of infectious diseases. More than 60 expert

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contributors share their knowledge and expertise in equine infectious disease. A companion CD-ROM, packaged with the book, includes complete references linked to PubMed.

Showing how to maximize performance in horses, *The Athletic Horse: Principles and Practice of Equine Sports Medicine, 2nd Edition* describes sports training regimens and how to reduce musculoskeletal injuries. Practical coverage addresses the anatomical and physiological basis of equine exercise and performance, centering on evaluation, imaging, pharmacology, and training

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recommendations for sports such as racing and show jumping. Now in full color, this edition includes new rehabilitation techniques, the latest imaging techniques, and the best methods for equine transportation. Written by expert educators Dr. David Hodgson, Dr. Catherine McGowan, and Dr. Kenneth McKeever, with a panel of highly qualified contributing authors. Expert international contributors provide cutting-edge equine information from the top countries in performance-horse research: the U.S., Australia, U.K., South Africa, and Canada. The latest nutritional guidelines maximize the performance of the

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equine athlete. Extensive reference lists at the end of each chapter provide up-to-date resources for further research and study. NEW full-color photographs depict external clinical signs, allowing more accurate clinical recognition. NEW and improved imaging techniques maximize your ability to assess equine performance. UPDATED drug information is presented as it applies to treatment and to new regulations for drug use in the equine athlete. NEW advances in methods of transporting equine athletes ensure that the amount of stress on the athlete is kept to a minimum. NEW rehabilitation techniques help to

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prepare the equine athlete for a return to the job. Two NEW authors, Dr. Catherine McGowan and Dr. Kenneth McKeever, are highly recognized experts in the field.

Equine Behavior

Basic and Clinical Sciences of the Equine Athlete

Ensminger's Equine Science

Principles and Practice of Equine Sports Medicine

Equine Surgery

The biochemical nature of cells -- Cells, tissues and organs -- Equine support and movement -- The lower limb -- The digestive system -- The

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respiratory system -- The
circulatory system -- The
nervous system -- The
endocrine system -- The
skin -- The senses --
Reproduction -- Genetics
-- The urinary system --
The immune system --
Exercise physiology,
functional anatomy and
conformation -- Teeth and
ageing -- Evolution,
classification and
behaviour of the horse
This unique resource
provides the most up-to-
date, in-depth coverage of
the basic and clinical
sciences required for
management of the equine

athlete. The unique treatment of exercise physiology and training within a clinical context, together with a detailed review of all diseases affecting athletic horses, makes this the most comprehensive text available. Provides a thorough grounding in the basic physiology of each body system, and in particular the responses of each body system to exercise and training. The internationally renowned team of contributors has created the ultimate reference for

veterinarians, students, horse-owners, and all those involved in the world of equine athletics. High quality artwork, including relevant radiographic, ultrasonographic, CAT scan, and MRI images, aid understanding and diagnosis Provides a truly international perspective, including guidelines pertinent to different geographic areas, and racing jurisdictions In-depth coverage of the role of the veterinarian in the management of athletic horses Explores the use of

complementary therapies
From genetics to functional anatomy, cell biology to the equine digestive system, **Equine Science, Third Edition** covers all the essential scientific knowledge you need for your equine programme. Thoroughly updated, this new edition features a clear, systematic presentation, stunning full-colour photographs and illustrations, chapter summary points and self-assessment questions throughout. Describes the structure and function of

the various body systems of the horse Explains the scientific rationale behind modern equine training practices Features new chapters on exercise physiology and the evolution of the horse Reflects the latest scientific advances and changes in the student curriculum Includes new information on circadian rhythms and sleep patterns, the immune system, and hindgut microbiology. A powerful teaching and learning aid, Equine Science, Third Edition is an essential

text for students on higher education equine studies and equine science programmes, as well as those studying for BHS qualifications up to BHSII Stage 4 Horse Knowledge and Care.

Covering many different diagnostic tools, this essential resource explores both traditional treatments and alternative therapies for conditions that can cause gait abnormalities in horses. Broader in scope than any other book of its kind, this edition describes equine sporting activities

and specific lameness conditions in major sport horse types, and includes up-to-date information on all imaging modalities. This title includes additional digital media when purchased in print format. For this digital book edition, media content may not be included. Cutting-edge information on diagnostic application for computed tomography and magnetic resonance imaging includes the most comprehensive section available on MRI in the live horse. Coverage of traditional

treatment modalities also includes many aspects of alternative therapy, with a practical and realistic perspective on prognosis. An examination of the various types of horses used in sports describes the lameness conditions to which each horse type is particularly prone, as well as differences in prognosis. Guidelines on how to proceed when a diagnosis cannot easily be reached help you manage conditions when faced with the limitations of current diagnostic capabilities. Clinical examination and

diagnostic analgesia are given a special emphasis. Practical, hands-on information covers a wide range of horse types from around the world. A global perspective is provided by a team of international authors, editors, and contributors. A full-color insert shows thermography images. Updated chapters include the most current information on topics such as MRI, foot pain, stem cell therapy, and shock wave treatment. Two new chapters include *The Biomechanics of the Equine Limb and its Effect on*

Lameness and Clinical Use of Stem Cells, Marrow Components, and Other Growth Factors. The chapter on the hock has been expanded substantially, and the section on lameness associated with the foot has been completely rewritten to include state-of-the-art information based on what has been learned from MRI. Many new figures appear throughout the book.

**For Horse Crazy Youth and Horse Owners
Cardiology of the Horse
Equine Ophthalmology**

**Optimize Your Horse's
Nutrition for a Lifetime
of Vibrant Health
Equine Medicine, Surgery
and Reproduction**

Diagnose, treat, and manage equine skin disorders with the most comprehensive reference available! With 900 full-color photos, Equine Dermatology covers skin diseases ranging from those that merely annoy the horse to others that interfere with the horse's ability to function in riding, working, or show. Thorough coverage includes essential basics and practical diagnostic methods, therapies, and specific abnormalities and defects. The book describes the structure

and function of the skin, and discusses disorders including bacterial, fungal, parasitic, viral, protozoal, allergic, immune-mediated, endocrine, metabolic, and nutritional diseases. It also covers congenital and hereditary defects, pigmentation abnormalities, keratinization defects, environmental skin diseases, and skin tumors. Written by renowned equine dermatologists Danny Scott and Bill Miller, this all-inclusive resource covers the latest dermatologic topics and the newest therapies. Current, comprehensive coverage includes every known equine dermatosis. An emphasis on differential diagnosis includes key

differentials and breed predilections for each disease, especially helpful when you have only a specimen and an incomplete history to work with. A consistent format makes it easy to locate information on each skin disorder, including a clinical description, its cause and pathogenesis, clinical features, clinical management, diagnosis, treatment, and any zoonotic aspects. Expert authors Danny W. Scott, DVM, and William H. Miller, Jr., VMD, offer years of knowledge, experience, and their vast image collections. Diagnostic tables in each chapter provide a quick reference for identifying lesions and disorders.

An extensive list of references at the end of each chapter includes recommendations for further reading. New coverage of dermatologic conditions includes the latest topics and emerging disorders such as chronic progressive lymphedema, herpesvirus-2-associated dermatitis, salmonella-associated dermatoses, and nodular auricular chondropathy. Updated Diagnostic Methods chapter covers multiple methods of developing a differential diagnosis list based on breed, lesion type, patterns, and location. A focus on common clinical problems highlights the conditions most likely to be seen in

practice. Almost 1,000 full-color photos of skin disorders make it easy to distinguish clinical characteristics and variations of normal and abnormal for accurate diagnosis and therapy.

This is the concise, easy-to-use version of Dr. Lewis's Equine Clinical Nutrition, Feeding and Care. It includes a full-color section identifying toxic plants and provides practical information on the diversified effects of different nutrients, feeds and supplements on a horse's athletic performance, reproduction, growth, hooves, appetite, behavior and disease. The book can help prevent common, but expensive problems in horses of all

ages.

Intended for veterinarians and farrier's, this book focuses on the foot, which is the most common site of lameness in horses. It covers the basic farrier principles, and focuses on medical and surgical foot care management. It includes information on the anatomy and physiology of the equine foot, pathological conditions, and more. This is the only manual devoted to equine emergency treatment. Authored by experts, this up-to-date resource contains color illustrations and provides a section of useful charts and tables. Chapters are organized in 6 sections: emergency medical and surgical principles and

procedures; organ system examination, neonatology, shock and temperature-related problems; interpretation of laboratory tests; pharmacology and toxicology; management of special problems; and charts and tables. An emergency index and handy tabs indicating the sections make this a quick and easy-to-use reference! Spanish version also available, ISBN: 84-8174-434-4

Equine Sports Medicine and Surgery

Equine Podiatry

Equine Thermography in Practice

Solving Equine Behaviour Problems

Equine Infectious Diseases E-Book

EQUINE SCIENCE, 4th Edition

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imparts students with the basic understanding of horses necessary to be successful in equine care and management. Richly illustrated in full color, the book uses a logical, easy-to-follow outline to make both learning and lesson planning simple, while addressing essential topics like care and feeding, training, development and reproduction, illness, inheritance, and the history of horses. Bursting with helpful features, EQUINE SCIENCE, 4th Edition piques student interest with detailed graphics and photos, as well as

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informational sidebars, website references, and end-of chapter activities that test their knowledge of the material. Future equine professionals will especially appreciate the glossary of terms at the end of the text, as well as the appendix, which includes useful conversion factors and worksheets and provides contact information for professional organizations. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

Equine exercise physiology is an area that has been

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subject to major scientific advances over the last 30 years, largely due to the increased availability of high-speed treadmills and techniques for recording physiological function during exercise. Despite these scientific advances, many riders and trainers are still using little more than experience and intuition to train their horses. The aim of this book is to sort the fact from the fiction for the benefit of those involved in training, managing or working with horses, and to provide an up-to-date summary of the state of play in equine exercise physiology. Scientific

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theories are explained from first principles, with the assumption that the reader has no previous scientific background. The book is designed to save competitors and trainers a lot of time and effort trying to extract information in piecemeal fashion from a host of reference sources. For the first time, everything you need to know about exercising and training horses is here in one text. Cardiology of the Horse is a multi-author, contemporary reference on equine cardiology. The first section reviews the physiology, pathophysiology and pharmacology of the

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equine cardiovascular system. The second section describes diagnostic methods from basic to specialist examination skills and the third section addresses the investigation and management of common clinical problems using a problem-orientated approach. Suitable for students, general and specialist practitioners and teachers. An up-to-date account of current clinical practice in equine cardiology covering: recent developments in research and practice problem-orientated approaches helpful to both general and specialist practitioners clinical management of specific

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groups from foals and racehorses to geriatric patients cardiac problems related to exercise, anaesthesia and intensive care A superb companion DVD of clinical cases with extensive footage combining theory and clinical practice: echocardiograms heart sounds and murmurs ECGs radiography pathology Extensive linking of text to DVD, integrating fundamental principles and diagnostic data with information on clinical management of specific problems. Confidently diagnose, treat, and manage patient conditions with the only comprehensive book on the

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market devoted solely to equine internal medicine. Filled with fully updated content on principles of treatment and contributions from internationally known equine experts, *Equine Internal Medicine, 4th Edition* focuses on the basic pathophysiologic mechanisms that underlie the development of various equine diseases. A problem-based approach outlines how to apply the latest clinical evidence directly to the conditions you will encounter in practice. A new companion website with over 120 video clips presents diseases and disorders that cannot be explained as well

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through words Updated information throughout, including the most recent drug information. Current and well-referenced content on equine diseases and treatment techniques cites the latest books and journals. Internationally known equine experts present information on problems affecting horses throughout the world – and provide contributions that enable practitioners and students to approach disease and treatment of equine patients with more authority and understanding. User-friendly exterior and interior design makes the book appealing to both the equine internal

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medicine practitioner and the veterinary student. Easy-to-find information facilitates a more thorough understanding with minimal frustration. Organized and consistent coverage among chapters allows you to easily find information on a specific topic. NEW! Fully updated and revised sections on disorders and principles of treatment. NEW! Problem-based approach outlines how to apply the latest clinical evidence directly to the conditions you will encounter in practice. NEW! Pathophysiology is emphasized throughout, providing a sound basis for discussions of the

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diagnosis, treatment, and prognosis that follow. NEW! Body systems chapters begin with a thorough discussion of the diagnostic method appropriate to the system, including physical examination, clinical pathology, radiography, endoscopy, and ultrasonography. NEW and UNIQUE! Companion website includes more than 120 video clips linked to content from chapters on cardiovascular and neurologic system disorders. NEW! Flow charts, diagrams, and algorithms clarify complex material. Feed Your Horse Like a Horse Equine Behavior, A Guide for Veterinarians and Equine

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Scientists,2
Health, Welfare and
Performance

Robinson's Current Therapy
in Equine Medicine - E-Book
Applying Behavioural Science
to the Way We Keep, Work and
Care for Horses

Equine Exercise Physiology provides the most up-to-date, in-depth coverage of the basic sciences required for an understanding of the physiology of the equine athlete. This book provides a thorough grounding in the basic physiology of each body system and in particular the responses of each body system to exercise and training. It is the ideal resource for those interested in equine exercise physiology: undergraduate and post-graduate students in exercise science,

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comparative physiology, biology and veterinary science; veterinary students; horse trainers and owners of sport horses; journalists writing in equine specialty magazines; and interested lay persons. Topics include: the musculoskeletal system and physiology; tendon, ligament and joint physiology; the biomechanics of locomotion; respiratory, cardiovascular and gastrointestinal systems; metabolism and nutritional management; thermoregulation; hematology and immunology Written by the top experts currently working in the area of equine exercise physiology Designed for those seeking comprehensive information in a digestible format about the basic science of equine exercise physiology,

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rather than the clinical aspects Over 250 high quality illustrations that amplify and illustrate important points Information available in a readily accessible format.

Now available in a fully updated third edition, *Equine Ophthalmology* is the most comprehensive and current clinical resource for the diagnosis and treatment of ophthalmic disease in horses. Provides complete, authoritative information on the diagnosis and treatment of ophthalmic disease in horses Fully updated with improved figures, the latest research, and new chapters on advanced diagnostics, foal ophthalmology, neuro-ophthalmology, national and international regulations, and an expanded chapter on inherited ocular

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disease Features contributions from an international group of equine experts, under the editorship of a leading equine veterinary specialist Offers comprehensive coverage of clinical and reference information ideal for specialists, general equine practitioners, and veterinary students alike Includes access to a companion website with expanded content and figures

The new edition of this introductory-level textbook continues to offer a concise and approachable bridge between student lecture notes and more detailed clinical reference works. All aspects of equine medicine, surgery and reproduction are covered in a single, convenient volume. The second edition has been subject to an extensive

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revision, with each chapter updated and new chapters added to cover wound management, critical care, anaesthesia and sedation, and diagnostic imaging. While offering key information in an easily and quickly digested format for clinical veterinary students and practising veterinary surgeons, this second edition of *Equine Medicine, Surgery and Reproduction* will also be relevant to students undertaking equine science degrees, and to professional horse owners and trainers. The wide range of international contributors, highly experienced and all experts in their fields, ensures that the new edition of this popular all-in-one resource remains as indispensable as ever. Comprehensive coverage of all areas

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of equine medicine, surgery and reproduction Easy-to-use format Completely revised since the first edition with new chapters added Now with over 100 new illustrations including colour photographs Includes diagnostic and therapeutic information as well as descriptions of commonly employed clinical techniques Includes lists of important differential diagnoses for common clinical signs Intended for people who work with horses and for owners who want to learn more, *Equine Behaviour in Mind* provides ideas for practical ways that changes can be incorporated into daily interactions with horses. This book advocates a mindful approach to working with horses, encouraging the reader to think in a horse-centric way.

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Academic behavioural research is used to underpin understanding of horse behaviour and changes that can be made to positively improve horses' lives. The aim is to provide both the theory behind behaviour-minded horse management and the practical application to enable impactful changes to be made. Real world examples and case studies are provided to highlight these points. Horse behaviour is discussed in a range of contexts, including breeding, training and competing. A behaviourally minded approach to teaching riding, to medical and dental check-ups, to rehabilitation and rescue, and to driving change for horse welfare in both developed and developing countries is also covered.

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The Athletic Horse - E-Book
Equine Behavioral Medicine
Equine Applied and Clinical Nutrition
E-Book

Diagnosis and Management of
Lameness in the Horse - E-Book
Equine Reproductive Physiology,
Breeding and Stud Management, 5th
Edition

**Engaging and informative,
EQUINE SCIENCE, Fifth
Edition, provides students
with a basic understanding
of equine care and
management. Featuring a full-
color layout and abundant
photos, this richly
illustrated text presents
information logically,
starting with an
introduction to the equine**

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industry and then progressing to the unique anatomy and needs of the horse; the specifics of caring for, training, and managing horses; and business aspects of the industry. This all-new edition also highlights correlations to National AFNR (Agriculture, Food, and Natural Resources) Standards, masterfully applies math and science concepts related to equine care and management, and connects students to current references to prepare them for success within the classroom and beyond. Important Notice: Media content referenced within

the product description or the product text may not be available in the ebook version.

The most comprehensive text available on equine surgery, this book prepares the veterinary surgeon for managing each surgical condition by understanding its pathophysiology and evaluating alternative surgical approaches.

Explanations describe how to avoid surgical infections, select and use instruments, and perfect fundamental surgical techniques including incisions, cautery, retractions, irrigation, surgical suction, wound closure,

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dressings, bandages, and casts. Thorough and complete coverage means this is the only book practitioners and students need. World-renowned contributors include 67 of the most experienced and expert equine practitioners, each providing current and accurate information. This text covers all the information needed to study for the American and European College of Veterinary Surgeons Board Examination, making it an excellent study tool. Coverage of anesthesiology and pain management is reintroduced in this edition. Extensive and up-to-

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date orthopedic coverage includes joint disorders and joint trauma. Integumentary system coverage includes wound management, reconstructive surgery, and skin grafting. Other important topics include the alimentary system, cardiovascular surgery, and new techniques in vascular surgery. More minimally invasive surgical techniques
A section on anesthesia has been re-introduced to this edition

Authored by nationally and internationally recognized authorities, this unique, new book offers the latest information on the diagnosis and treatment of equine

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joint diseases. Presents new information on basic joint pathobiology and translates it into practical application for the clinician. Chapters cover current research and recent advances in arthroscopic surgery!

Now in full color, *Manual of Equine Reproduction, 3rd Edition* provides a comprehensive look at the reproductive management of horses, including management of stallions, pregnant mares, and neonatal foals. Expert authors use a concise, practical approach in discussing improved therapies and treatments in equine breeding. You'll

enhance your skills and knowledge with this book's detailed coverage of techniques used in reproductive examination, breeding procedures, pregnancy diagnosis, foaling, and reproductive tract surgery. A clinical emphasis includes a step-by-step format of possible scenarios from conception to breeding management. Practical information includes topics such as breeding with transported cooled or frozen semen, and caring for the broodmare and newborn foal. The organization of material corresponds to the course of study in veterinary school,

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so you can find topics easily. Chapter objectives and study questions at the beginning of each chapter guide you through the material and provide clear learning goals. Evaluation of Breeding Records chapter covers the importance of breeding records, and how to use them to evaluate stallion performance and optimize fertility. References are listed at the end of each chapter for further research and study. Full-color photographs and illustrations clearly depict procedures, and all drawings have been redrawn and improved. **NEW Assisted Reproductive Technology**

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chapter goes beyond embryo transfer. Updated content includes the latest advances in therapies and treatments. New content is added to two chapters, Reproductive Physiology of the Nonpregnant Mare and Manipulation of Estrus in the Mare. Thorough coverage of every aspect of equine reproduction provides a strong foundation for success in veterinary practice, including a discussion of the use of GnRH-analog deslorelin (Ovuplant) to hasten ovulation; aseptic technique for endometrial biopsy; use of transabdominal ultrasonography, especially

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in early pregnancy;
determination of fetal
gender by transrectal
ultrasonography; aspiration
testicular biopsy using a
spring-loaded biopsy
instrument; and procedure
for surgical embryo
transfer.

Manual of Equine

Reproduction - E-Book

Equine Exercise Physiology

Equine Internal Medicine - E-
Book

**An Equitation Science
Approach**

The first edition of Equine
Locomotion has established itself
as the book in the equine
literature that discusses all
aspects of equine locomotion and

gait analysis, written by an international team of editors and contributors. The new edition continues this trend and gives the reader a complete picture of the horse in motion, at the same time including many recent findings in this area. The book begins with a history of man's association with the horse and then continues to discuss with comprehensive descriptions of the present state of knowledge beginning with the initiation of gait and ending with the more scientific area of computer modeling. In the new edition, the list of contributors continues to comprise of authors who are acknowledged experts in their subject areas and includes many new illustrations. • international

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team of editors and contributors, with leading experts from the USA, the Netherlands, Sweden and France (all centres of excellence for the study of equine locomotion) • editors are from two of the worlds leading locomotion centres - Utrecht and Michigan • highly illustrated with nearly 500 detailed line drawings and illustrations • covers all you will ever need to know about equine locomotion, gait analysis and much more • international team of editors and contributors, with leading experts from the USA, the Netherlands, Sweden and France (all centres of excellence for the study of equine locomotion) • editors are from two of the worlds leading locomotion centres - Utrecht and

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Michigan • highly illustrated with nearly 500 detailed line drawings and illustrations • covers all you will ever need to know about equine locomotion, gait analysis and much more

Equine Reproductive Physiology Breeding and Stud Management, 5th Edition provides a thorough grounding in equine reproductive anatomy and physiology and applies it to all aspects of breeding and stud management. This includes detailed coverage of the management of mares, stallions and foals, as well as stud management practicalities such as infertility, artificial insemination and advanced reproductive techniques. This textbook, which has been updated throughout with

additional material and references, continues to provide an authoritative treatise on equine reproduction for students, practising veterinary surgeons and stud managers.

Understanding the latest developments in equine science is essential for all veterinary and equine professionals and students, researchers, owners, and those caring for equids. This book reflects the diversity in research presently being carried out worldwide. From locomotion and the digestive system, through to the skin and reproduction. The chapter on medicine includes not only some of the latest advances in gene therapy but also reveals medieval treatments, providing a

fascinating glimpse into the past whilst also looking at future technologies. The book also highlights some contemporary insights into diet and behavior. From DNA and individual cells through to the entire animal, this research uses different scientific methods to understand horses and donkeys in greater detail. Written by a team of consultants who combine modern business knowledge with decades of direct experience of working in the equine industry, this book bridges the gap between modern business theory and equine business practice. After providing overviews of the equestrian industry and the livery sector as a detailed example, Part I (Assessing a Business) sets out

how to access the business environment, externally, competitively and with regard to its internal resources. Part 2 (Management) goes on to deal with resource management and how to go about strategic planning and marketing, concluding with an overall Business Plan. Part 3 sets out a series of case histories to illustrate the principles as discussed in Part 1 and 2. No other book applies a truly modern business approach to equine enterprise. The Authors Sharon Eastwood, Anne-Lise Riis Jensen and Anna Jordon work together at Dark Horse Consultancy, a team of equine business consultants offering a wide range of advice and services

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to the industry. Also available:
Horse and Stable Management
Fourth Edition Jeremy Houghton
Brown, Sarah Pilliner and Zoe
Davies 1 4051 0007 9 978 14051
0007 6 Teaching Jumping Jane
Houghton Brown 0 632 04127 7
978 0632 04127 5 Horse
Nutrition and Feeding Second
Edition Sarah Pilliner 0 632
05016 0 978 0632 05016 1
Equine Science Second Edition
Sarah Pilliner and Zoe Davies 1
4051 1944 6 978 14051 1944 3
Introduction to Horse Biology
Zoe Davies 1 4051 2162 9 978
14051 2162 0 Horse Business
Management Third Edition
Jeremy Houghton Brown 0 632
05826 9 978 0632 05826 6
Introduction to Equine Science
Feeding and Care of the Horse

Joint Disease in the Horse Equine Science, Health and Performance Equitation Science

Feeding is the foundation of every horse's health, and every owner cares about it, but answers can be hard to find. Based on solid science and the author's long experience, *Feed Your Horse Like A Horse* illuminates the secrets of equine nutrition and points the way toward lifelong vitality for your horse. Part I explains the physiology of the horse's digestion and nutrient use; Part II offers recommendations for specific conditions such as insulin resistance and laminitis, as well as discussion about feeding through the life stages, from foals to athletes to aged horses.

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Whether you are a novice horse owner or a seasoned professional, *Feed Your Horse Like A Horse* will be your most valuable resource on equine nutrition. You'll begin in Section 1 with an up-to-date overview of nutrition and horse physiology that is designed for everyone, from the novice to the lifelong horseman. Section 2 will empower you to make the right feeding decisions that support your horse's innate needs, regardless of his condition or activity type. As a reference book, you have the freedom to choose which sections to read. Topics include: Choosing the right hay or concentrates Helping easy and hard keepers How vitamins and minerals work Recognizing and eliminating stress Importance of salt and other

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electrolytes Treating insulin resistance
Reducing the risk of laminitis
Recovery for the rescued horse
Nutrient fundamentals Dealing with
genetic disorders Managing allergies
Alleviating arthritis Diagnosing equine
Cushing's disease Preventing ulcers
and colic Feeding treats safely
Pregnancy and lactation Feeding the
orphaned foal Optimizing growth
Optimizing athletic work and
performance Changing needs as horses
age Considerations for donkeys and
mules Juliet M. Getty, Ph.D. is a
consultant, speaker, and writer in
equine nutrition. A retired university
professor and winner of several
teaching awards, Dr. Getty presents
seminars to horse organizations and
works with individual owners to create

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customized nutrition plans designed to prevent illness and optimize their horses' overall health and performance. Based in beautiful rural Bayfield, Colorado, Dr. Getty runs a consulting company, Getty Equine Nutrition, LLC (GettyEquineNutrition.com), through which she helps horse owners locally, nationally, and internationally. The well-being of the horse remains Dr. Getty's driving motivation, and she believes every horse owner should have access to scientific information in order to give every horse a lifetime of vibrant health.

Equine Behavior: A Guide for Veterinarians and Equine Scientists is written for all those who really want to know what makes horses tick.

Behavioral problems in the stable and

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under saddle are of concern to equine veterinarians worldwide because they lead to welfare issues, abuse and ultimately wastage. Equine veterinarians, trainers and handlers must be aware of each horse's behavior as a first step in detection of problems, whether they are clinical maladies or training issues. As they constantly study their horses' responses to their environments they are all, in effect, students of horse behavior. Drawing on over 1,000 references, *Equine Behavior* explores the subject from first principles by considering the behavior of free-ranging horses and considering ways in which management and training influences the responses of domestic horses. All too often veterinarians feel that management of

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the mental health of equine patients is beyond their expertise. This book addresses many important gaps to enable practitioners to understand how horses can learn to perform unwelcome behaviors and how to change those behaviors where appropriate. The new edition builds on the success of its pioneering predecessor and presents a thorough revision of all chapters to reflect the latest developments in this dynamic field. The chapter on equitation science has been expanded and there have been major revisions to the sections on stereotypic behavior, cognition studies, nutrition and housing. The book remains a must-have purchase for all veterinarians who deal with horses, for equine scientists, trainers and everybody with an interest

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in the subject. Features a practical, hands-on approach to all aspects of equine behavior Discusses all factors that effect equine behavior Contrasts normal behavior with abnormal behavior Reviews all behavioral problems Lists and reviews the latest drug therapies Addresses difficult-to-treat clinical problems such as head-shaking, with insights from the leading researcher in this area Provides a brief clinical evaluation of 'horse-whispering' Illustrates the key behavioral differences between horses and donkeys

Evidence-based and yet very practical, *Equine Thermography in Practice* discusses how to use the tool in the diagnosis of equine musculoskeletal injuries and what the user can expect to

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see in normal versus injured horses giving guidelines for best practice. The book builds from basics covering the principles of thermography and then its applications in equine veterinary medicine and the role of the technique regarding the equestrian athlete as well as in rehabilitation. Extensively illustrated and thoroughly referenced, this book is indispensable to novice and experienced practitioners using the technique, including: equine veterinarians and equine physiotherapists and body work practitioners.

Equine Applied and Clinical Nutrition is a comprehensive text resource on the nutrition and feeding management of horses. Over 20 experts from around the world share their wisdom on a topic

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of central relevance to all equine practitioners and the equine community generally. Both basic and applied (including healthy and diseased animals) nutrition and feeding management of horses and other equids (i.e. ponies, donkeys, wild equids) are covered. The book will appeal to a wide audience: undergraduate and post-graduate students in equine science and veterinary medicine, veterinarians, equine nutritionists, horse trainers and owners. The clinical component will strengthen the appeal for equine veterinarians. *Equine Applied and Clinical Nutrition* will be a "must have" for anyone involved in the care of horses, ponies and other equids. The book is divided into 3 parts: Basic or core nutrition in this context refers to

digestive physiology of the horse and the principles of nutrition. Applied nutrition deals with the particular types of foods, and how to maintain an optimum diet through various life stages of the horse. You might characterize this aspect as prevention of disease through diet. Clinical nutrition covers various diseases induced by poor diet, and their dietary treatment and management. It also looks at specific feeding regimes useful in cases disease not specifically induced by diet. Authoritative, international contributions Strong coverage of clinical aspects either omitted from or only sparsely dealt with elsewhere Full colour throughout The only clinical equine nutrition book Diagnostic and Surgical Arthroscopy in

the Horse - E-Book

Equine Behaviour in Mind

The Science of Exercise in the Athletic Horse

Business Management for the Equine Industry

From the worldwide leader in equine surgery, Wayne McIlwraith, comes the new fourth edition of Diagnostic and Surgical Arthroscopy in the Horse. Completely revised and expanded, this comprehensive atlas covers all the need-to-know information within equine arthroscopy: instrumentation, general techniques, carpal joints, metacarpal and metatarsophalangeal joints, and tarsocrural joints. All the advances that have taken place in the field over the last decade are covered, particularly in the areas of postoperative management and

rehabilitation. This trusted reference also provides an in-depth view of surgical procedures with new high-definition diagnostic and surgical arthroscopic images, as well as radiographs and composite illustrations. There is no better way to learn and master equine surgical procedures! Diagnostic images with side-by-side radiographs and illustrations offer multiple points of view and directional guidance on surgical procedures. Expert authorship features helpful insights and expertise from the worldwide leader and speaker on equine arthroscopy, Wayne McIlwraith. Specially commissioned artwork clearly illustrates local anatomy and key stages of surgical procedures. Coverage of choice, use, and maintenance of equipment provides a

basic understanding of arthroscopic technique and reasoning behind various practices. Content dedicated to diagnostic and surgical arthroscopy of the horse provides authoritative, comprehensive information on this specialized subject. NEW! Updated high-definition images provide a crystal clear view of surgical procedures from multiple views. NEW! Companion website features 48 high-resolution digital videos that link back to the textbook for a vivid demonstration of surgical techniques. NEW! Expanded content ensures you are up to date on the latest developments in the field — particularly in the areas of tenoscopy, bursoscopy, and arthroscopic methods for cartilage repair. NEW! Chapter on postoperative management, adjunctive therapies, and rehabilitation procedures

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keeps you abreast of best practices when it comes to taking care of the horse post-operation.

Equine Science, Health and Performance provides - in one book - all the essential scientific knowledge students and professional horsemen and women require. The underlying science behind modern practical horse husbandry is explained to make professional horse care and management more effective and improved performance possible.

Designed for students of National and Higher National Diploma courses, Equine studies degree programmes, Advanced National Certificate and BHS Stage IV, the book will be suitable for all horse owners who wish to advance their professional knowledge and skills.