

SECOND EDITION

# EQUINE CLINICAL NUTRITION

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# Equine Clinical Nutrition

**Kim A. Sprayberry**



## **Equine Clinical Nutrition:**

**Equine Applied and Clinical Nutrition** Raymond J. Geor, Patricia Harris, Manfred Coenen, 2013-01-31 *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 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 postgraduate 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 of 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. **Equine Clinical Nutrition** Rebecca L. Remillard, 2023-03-20 *EQUINE CLINICAL NUTRITION* Authoritative resource on the nutritional management of horses, now incorporating the iterative learning process. The second edition of *Equine Clinical Nutrition* is a fully updated and expanded revision of the classic student text on nutritional management of horses, covering updated nutrient recommendations, rations, feeding management, clinical nutrition, and many other important topics in the field. To aid in reader comprehension, this new edition takes a new instructional approach to nutritional management using an iterative sequence of defined procedures. Divided into distinct sections for easy accessibility, this book is a comprehensive resource for feeding practices and management of healthy and sick horses alike. A thorough understanding of life stages, anatomy, physiology, and behavior underpins the practice of clinical nutrition. Sample topics covered in *Equine Clinical Nutrition* include: The evolution of horses; changing food supply; the importance of their microbiome and the behavior patterns of feeding and drinking; Nutrient metabolism of water, energy, protein, minerals, and vitamins; plus ration assessment, farm investigations, forages, and toxic plants; Manufactured feeds; dietary supplements; USA feed regulations and feed safety protocols; Nutritional assessment of horses by life stage; recognizing pain and discomfort behaviors and dietary management of weight and major system disorders. *Equine Clinical Nutrition* is an essential text for students of veterinary medicine, animal science, pre-veterinary programs, and a desk reference for equine practitioners wanting practical clinical feeding recommendations. With comprehensive coverage of the topic, it is an essential text for everything related to nutrition in horses. *Equine Clinical*

*Nutrition* Lon D. Lewis, Anthony Knight, Bart Lewis, Corey Lewis, 1995-11-07 This solidly clinical and practical text focuses on both nutritional and general care of the horse whether idle equine athlete or general working horse Also covered are developmental problems linked to nutrition A color augmented chapter on toxic plants is unique to this text and provides valuable information and conversion factors for various ages and physical demands      *Feeding and Care of the Horse* Lon D. Lewis, 2013-07-16 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      Equine Clinical Nutrition Joe Pagan, 2013-07-15      **The Equine Hospital Manual** Kevin Corley, Jennifer Stephen, 2009-03-16 The must have resource drawing together all aspects of hospital care of the horse and specialist techniques in equine medicine Written by a team of over 30 international experts working at the cutting edge of equine medicine and surgery The emphasis is on practical easy to access information with a sound basis in evidence based medicine and full references for further enquiry The Equine Hospital Manual covers the range of procedures used on hospitalized adult horses and foals from the simple to the advanced The book is liberally illustrated with photographs and line drawings Covering Basic skills including physical examination blood collection and bandaging Advanced skills including mechanical ventilation lung biopsy and cardiac output measurement Designing and setting up an equine hospital Biosecurity Therapeutic drugs used in horses and their doses Nutrition for hospital patients including TPN and PPN Fluid therapy choices amounts and pitfalls Anaesthesia equipment techniques and post operative care including analgesia Reflecting the substantial trend in recent years to treat horses in a hospital rather than in the field this book provides all you need to know whether you have facilities to treat one or one hundred horses      **Current Therapy in Equine Medicine** Kim A. Sprayberry, 2009 Stay up to date on the latest advances and current issues in equine medicine with this handy reference for the busy equine practitioner large animal veterinarian or student This edition of Current Therapy in Equine Medicine brings you thorough coverage and expert advice on selected topics in areas that have seen significant advances in the last 5 years Content emphasizes the practical aspects of diagnosis and treatment and provides details for therapeutic regimens Arranged primarily by body system the text also features sections on infectious diseases foal diseases nutrition and toxicology With this cutting edge information all in one reliable source you ll increase your awareness of key therapies in less time Focuses on the latest therapy for equine diseases emphasizing detailed discussions and the most reliable and current information Organized approach to important problems brings you up to date practical information organized by organ system Concise easy to read format saves you time most articles provide essential information in 2 to 5 pages Renowned group of contributors share their expertise on the timely topics you need to know about Photos enhance information Line drawings illustrate important concepts NEW Emerging

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*Large Animal Medicine for Veterinary Technicians* Sue Loly, Heather Hopkinson, 2021-12-29 Large Animal Medicine for Veterinary Technicians provides comprehensive guidance on caring for horses cattle camelids small ruminants pigs and other farm animals Reflecting the topics required by the American Veterinary Medical Association AMVA this practical resource covers hospital biosecurity restraint physical examinations clinical and diagnostic procedures reproduction nutrition disease and more Detailed chapters written by expert contributors contain numerous full color images clinical applications self review questions and accurate species specific information The second edition features revised and new content throughout including brand new chapters on common surgical procedures and general anesthesia dentistry and popular hobby farm animals such as fowl poultry and pet pigs Updated and expanded sections on neonatology diagnostics and imaging are supported by a wealth of new images and examples Covering the skills and knowledge necessary for success in both Veterinary Technician Specialty VTS programs and in clinical practice this must have guide Offers new coverage of imaging and diagnostic technologies such as dynamic endoscopy and the use of treadmills Contains more than 500 high quality color images multiple choice questions with answers and a glossary of terms Features a range of pedagogical tools including learning objectives clinical case problems charts and diagrams and Technician Tip boxes Includes a significantly expanded companion website with self review questions case studies PowerPoint slides and an image bank to aid in breed identification Authored and edited by experienced trainers and certified veterinary technicians Large Animal Medicine for Veterinary Technicians Second Edition is an invaluable reference for all students educators and working professionals in the field

AAEVT's Equine Manual for Veterinary Technicians Deborah Reeder, Sheri Miller, DeeAnn Wilfong, Midge Leitch, Dana Zimmer, 2012-07-30 AAEVT's Equine Manual for Veterinary Technicians offers a compendium of information on the care and treatment of horses for equine veterinary technicians Highly accessible and easy to use the book builds on the basics of equine care to provide a complete reference for equine nursing and technical skills AAEVT's Equine Manual for Veterinary Technicians is an invaluable guide for qualified equine veterinary technicians and assistants particularly those earning their equine certification vet tech students and equine practices

*Complications in Equine Surgery* Luis M. Rubio-Martinez, Dean A. Hendrickson, 2021-02-08 Complications in Equine Surgery ist das erste Referenzwerk das sich ausschlie ßlich damit befasst verfahrensbezogene und postoperative Komplikationen bei chirurgischen Eingriffen an Pferden zu verstehen zu vermeiden zu erkennen und zu managen sowie Prognosen zu formulieren Die beiden Herausgeber sind anerkannte Fachexperten auf dem Gebiet und pr sentieren in ihrer

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**Quick Bibliography Series** National Agricultural Library (U.S.). Reference Division,1995 Quick Bibliography Series ,1976 **Housing, Husbandry, and Welfare of Horses** Cynthia Petrie Smith,1994 **The Welfare of Horses** N. Waran,2007-07-24 Animal welfare is attracting increasing interest worldwide but particularly from those in developed countries who now have the knowledge and resources to be able to offer the best management systems for their farm animals as well as potentially being able to offer plentiful resources for companion zoo and laboratory animals The increased attention given to farm animal welfare in the West derives largely from the fact that the relentless pursuit of financial reward and efficiency has led to the development of intensive animal production systems that challenge the conscience of many consumers in those countries In developing countries human survival is still a daily uncertainty so that provision for animal welfare has to be balanced against human welfare Welfare is usually provided for only if it supports the output of the animal be it food work clothing sport or companionship In reality there are resources for all if they are properly husbanded in both developing and developed countries The inequitable division of the world's riches creates physical and psychological poverty for humans and animals alike in all sectors of the world Livestock are the world's biggest land user FAO 2002 and the population is increasing rapidly to meet the need of an expanding human population Populations of farm animals managed by humans are therefore increasing worldwide and there is the tendency to allocate fewer resources to each animal Increased attention to welfare issues is just as evident for companion laboratory wild and zoo animals Equine Clinical Nutrition Daniel Harmer,2023-03-23 The crude pony most likely stood 12 hands around 120 cm or 48 inches 1 hand 10 cm or 4 inches tall at the withers the high point on the back at the foundation of the neck and was dun or bay commonly caramel to dull bay Homegrown ponies gone wild like the horses of western North America will more often than not return to those crude highlights under irregular mating they by and large are fairly taller around 15 hands 152 cm or 60 inches are generally bay dun or caramel in variety and move in groups driven by a steed **Equine Internal**

**Medicine - E-Book** Stephen M. Reed, Warwick M. Bayly, Debra C. Sellon, 2017-10-25 Confidently diagnose treat and manage patient conditions with the only comprehensive book on the 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 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 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 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     Advances in Equine Nutrition II Raymond J. Geor, Joe D. Pagan, 2001 A collection of research and review papers presented at KER conferences featuring international authorities on equine nutrition sports medicine and veterinary topics They have refined nutritional requirements of horses and discovered ways to effectively deliver nutrients for horses in all athletic endeavors to achieve optimal growth in young horses and to ensure nutrient requirements are being fulfilled in reproductively active horses     *Equine Applied and Clinical Nutrition* Wendy Dyer, 2019     Equine Medicine Secrets Catherine J. Savage, 1999 This mini textbook in a question and answer format uses an organ systems organisation in presenting all the key information needed for a complete understanding of modern equine medicine Covers all of equine medicine and includes reproductive issues especially important for breeding of horses The contributor list is a veritable Who's Who of equine medicine Perfect for answering questions that come up in the field and is appropriate for exam preparation     Understanding Equine Nutrition Karen Briggs, 1998 What are the nutritional needs of your horse Misconceptions abound about what horses actually require to remain healthy and perform their

designated jobs Does your horse require a high fat diet or need supplements This essential guide from the Horse Health Care Library helps you decide on a plan and a menu that supplies all the nutrients your horse needs



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