

Equine Neurology

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de Lahunta's Veterinary Neuroanatomy and Clinical Neurology - E-Book

Alexander de Lahunta 2020-10-09 Master the diagnosis and effective treatment of veterinary neurologic disorders! de Lahunta's Veterinary Neuroanatomy and Clinical Neurology, 5th Edition provides in-depth coverage of the anatomy, physiology, and pathology of the nervous system. With this knowledge, you will be able to accurately diagnose the location of neurologic lesions in small animals, horses, and food animals. Practical guidelines explain how to perform neurologic examinations, interpret examination results, and formulate treatment plans. Descriptions of neurologic disorders are accompanied by clinical case studies, photos and drawings, and radiographs. Written by neurology experts Alexander de Lahunta, Eric Glass, and Marc Kent, this resource includes hundreds of online videos depicting the patients and disorders described in the text. Logical case description format presents diseases in a manner that is similar to diagnosing and treating neurologic disorders in the clinical setting: 1) Description of the neurologic disorder; 2) Neuroanatomic diagnosis and how it was determined, the differential diagnosis, and any ancillary data; and 3) Course of the disease, the final clinical or necropsy diagnosis, and a brief discussion of the syndrome. More than 380 videos on a companion website hosted by the Cornell University College of Veterinary Medicine bring concepts to life and clearly demonstrate the neurologic disorders and examination techniques described in case examples throughout the text. More than 250 high-quality radiographs and over 800 vibrant color photographs and line drawings depict anatomy, physiology, and pathology, including gross and microscopic lesions, and enhance your ability to diagnose challenging neurologic cases. High-quality, state-of-the-art MRI images correlate with stained transverse sections of the brain, showing minute detail that the naked eye alone cannot see. A detailed Video Table of Contents in the front of the book makes it easier to access the videos that correlate to case examples. NEW case descriptions offer additional practice in working your way through real-life scenarios to reach an accurate diagnosis and an effective treatment plan for neurologic disorders. NEW! Content updates reflect the latest evidence-based research. NEW! Clinical photos and illustrations are updated to reflect current practice.

Equine Neck and Back Pathology Frances M. D. Henson 2018-02-05 A unique reference dedicated to the diagnosis and treatment of problems of the equine neck and back Building on the strength of the first edition, Equine Neck and Back Pathology: Diagnosis and Treatment, Second Edition explores conditions and problems of the horse's back and pelvis, and has been expanded to include coverage of the neck as well. This book is a vital tool for all those engaged in improving the diagnosis and management of horses with neck or back problems. The only book devoted to the conditions and problems of the equine neck, back and pelvis, it provides comprehensive coverage by international specialists on how to diagnose and treat problems in these areas. This updated and revised edition covers normal anatomy and kinematics, neck and back pathology, diagnosis and treatment of specific conditions, and complementary therapy and rehabilitation. Equine Neck and Back Pathology: Diagnosis and Treatment, Second Edition is a valuable working resource for equine practitioners, specialists in equine surgery, veterinary nurses and allied professionals involved in treating horses. It is also an excellent supplementary text for veterinary students with a keen interest in horses.

Neurovirology Alex C. Tselis 2014-07-08 This volume in the Handbook of Clinical Neurology series provides a complete review of the history, science and current state of neurovirology. It covers the science and clinical presentation, diagnosis, and treatment of viruses of the brain and central nervous system, and is a trusted resource for scholars, scientists, neuroscientists, neurologists, virologists, and pharmacologists working on neurovirology. Neurovirology has been significantly bolstered by modern technologies such as PCR and MRI with direct impact on isolating viruses and advancing therapeutics based on molecular medicine. These

advances are particularly important today with the introduction of emerging and re-emerging diseases such as HIV/AIDS, Nipah encephalitis and the appearance of West Nile encephalitis in the western hemisphere. Detailed coverage of neurovirology from the basic science to clinical presentation Covers advances in neurovirology via polymerase chain reaction (PCR) and MRI technology Covers emerging and re-emerging diseases including HIV/AIDS, Nipah encephalitis, and the appearance of West Nile encephalitis in the western hemisphere

Understanding Equine Neurological Disorders Bradford G. Bentz 2001 This book provides horse owners with the information they need to better comprehend the various neurological disorders and diseases that can afflict horses.

Equine Neurology Martin Furr 2015-04-09 Equine Neurology, Second Edition provides a fully updated new edition of the only equine-specific neurology book, with comprehensive, clinically oriented information. Offers a complete clinical reference to neurologic conditions in equine patients Takes a problem-based approach to present a clinically oriented perspective Presents new chapters on imaging the nervous system, neuronal physiology, sleep disorders, head shaking, differential diagnosis of muscle trembling and weakness, and cervical articular process joint disease Covers the basic principles of neurology, clinical topics such as the initial exam, differentials, and neuropathology, and specific conditions and disorders Includes access to a companion website offering video clips demonstrating presenting signs

Equine Internal Medicine - E-Book Stephen M. Reed 2009-12-10 Develop an essential understanding of the principles of equine disease with this one-of-a-kind, problem-based resource! Extensively revised and updated with contributions from an international team of experts, Equine Internal Medicine, 3rd Edition reflects the latest clinical research in equine medicine and focuses on the basic pathophysiologic mechanisms that underlie the development of various equine diseases to help you confidently diagnose, treat, and manage patient conditions. Problem-based approach outlines how to apply the latest clinical evidence directly to the conditions you'll encounter in practice. Pathophysiology is emphasized throughout, providing a sound basis for discussions of the diagnosis, treatment, and prognosis that follow. 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. Flow charts, diagrams, and algorithms clarify complex material. Extensive content updates help you improve patient care with up-to-date research and clinical evidence across the full spectrum of equine practice, including: New sections on biofilm adhesins, resistance to phagocytosis, and host substrate utilization New information on changes in body weight Recent findings on fibrococixib and diclofenac Expanded and reorganized coverage of critical care New material on inborn errors of metabolism and acquired myopathies Detailed treatment information on various disorders of the reproductive tract A new section on toxicoses causing signs related to liver disease or dysfunction Bound-in companion DVD includes more than 120 high-quality video clips that guide you through procedures related to the cardiovascular and neurologic systems.

Equine Pharmacology Cynthia Cole 2014-11-24

Equine Pediatric Medicine William V Bernard 2011-12-15 This book is a systematic and concise guide to equine pediatric medicine covering etiology, pathophysiology, clinical presentation, differential diagnosis, diagnosis, and management. The book is superbly illustrated throughout with photographs, line diagrams and radiographs. This book is of particular value to equine practitioners as a ready reference, and to veterinary students and technicians as a complete guide to equine pediatric disease.

Equine Neurological Conference 1986

700 Essential Neurology Checklists Ibrahim Imam 2021-12-27 700 Essential Neurology Checklists is a collection of essential checklists which provide handy, practical, comprehensive, and evidence-based information

on every aspect of neurology. The checklists cover all aspects of neurology and its allied specialties, and they were developed to minimise error and boost clinical safety in the care of neurological patients. The lists included in the book apply to all aspects of neurology, a specialty noted for its size, diversity, and complexity, and they place emphasis on all aspects of neurological practice, from history and clinical examination to investigations and treatment. They also contain details of aetiology, epidemiology, genetics, and pathology. The information is primarily sourced from widely regarded neurology journals such as *Neurology*, *Brain*, the *JNNP*, *Practical Neurology*, and *Journal of Neurology*, and the emphasis is on evidence-based guidelines, review articles, ground-breaking studies, and relevant case reports. The checklists in the book will be of benefit not only to neurologists and neurology trainees, but to all medical professionals including psychiatrists, neurosurgeons, paediatricians, general physicians, obstetricians, ophthalmologists, and specialist nurses. Purchasers of the book will also be eligible for a 12-month complimentary access to more than 3,500 online neurology checklists at www.neurochecklists.com

Understanding Neurology John Greene 2007-12-21 This book takes a problem-oriented approach to the evaluation of common symptoms presenting to medical students. It begins with guidance in history taking and examination leading the student on to neurological examination. The following sections outline all the common presenting symptoms, such as forgetfulness, dizziness or pain, and relate them to

Handbook of Veterinary Neurology - E-Book Michael D. Lorenz 2010-12-14 *Handbook of Veterinary Neurology* provides quick access to vital information on neurologic conditions in a wide range of species, including canine, feline, bovine, caprine, equine, ovine, and porcine. A problem-oriented approach makes it easy to diagnose and treat neurologic problems in small and large animals. The coverage of disorders by problem, not by established disease diagnosis, emulates how animals present to the veterinary hospital and simplifies the formulation of a correct diagnosis. Within each chapter, discussions of neurologic disease include a review of the localization criteria and the diseases that can cause that problem, plus treatment and surgical techniques. Lead author Michael D. Lorenz brings decades of experience to neurologic assessment, using a diagnostic approach that requires minimal knowledge of neuroanatomy. A problem-based approach is organized by presenting sign rather than by condition, guiding you to logical conclusions regarding diagnosis and treatment. Algorithms diagram the logic necessary to localize lesions and to formulate diagnostic plans. Coverage of current diagnostic techniques includes the use of diagnostic tools, such as radiology, spinal fluid analysis, electrodiagnosis, and MR imaging. Case histories in each chapter present a problem and the results of the neurologic examination, then ask you to solve the problem by localizing the lesion, listing probable causes, and making a diagnostic plan. Answers are provided at the back of the book. A consistent format for each case history includes signalment, history, physical examination findings, and neurologic examination. A comprehensive appendix describes species and breeds that have a congenital predisposition for particular neurologic diseases. Extensive references make it easy to pursue in-depth research of more advanced topics. A companion website includes 20 narrated video clips with accompanying PowerPoint slides that correlate to the case histories in the book, covering neurologic assessment and clinical problems such as paresis of one limb, tetraparesis, stupor, seizures, ataxia of the head and limbs, and cranial nerve disorders. Two new co-authors, Jean Coates and Marc Kent, board-certified in neurology, enhance the credibility of this edition. A full-color design and numerous illustrations include enhanced images of neuroanatomy and pathology.

Clinical Neurology of the Horse James R. Rooney 1971

[Equine Genetic Diseases, An Issue of Veterinary Clinics of North America: Equine Practice, E-Book](#) Carrie Finno 2020-07-27 This issue of *Veterinary Clinics: Equine Practice*, guest edited by Dr. Carrie Finno, focuses on Equine Genetic Diseases. Topics include: Genetics, Genomics, and Emergent Precision Medicine 12 years post Equine Reference Genome; Equine SNP Genotyping Arrays; Next-generation Sequencing; Genetic Testing in the Horse; Genetics of Cardiovascular Disease; Genetics of Respiratory Disease; Genetics of Neurological Disease; Genetics of Immune Disease; Genetics of Orthopedic Disease; Genetics of Ocular Disease; Genetics of Skin Disease; Genetics of Endocrine and Metabolic Disease; Genetics of Muscle Disease; Genetics of Laminitis; Genetics of Reproductive Diseases; and Genetics of Behavioral Traits.

Equine Clinical Medicine, Surgery and Reproduction, Second Edition Graham Munroe 2019-09-30 This fully-revised new edition of the bestselling *Equine Clinical Medicine, Surgery and Reproduction* is

supported by over 1800 illustrations of the highest quality: colour photographs, radiographic and ultrasound images, and diagrams. System-based, the chapters introduce each individual system with precise information on the relevant basic anatomy and physiology, standard clinical examination techniques and useful differential diagnostic aids. This is followed by diseases and disorders that are pertinent to that system, grouped together either anatomically or based on presenting clinical signs. Each condition is described using consistent headings: definition/overview, etiology and pathophysiology, clinical presentation, diagnosis, differential diagnoses, management/treatment, and prognosis. Additional chapters deal with the foal, with wounds and behavioural problems. New to the second edition is expanded material on the musculoskeletal system, a new muscle section, updated information on reproduction, including assisted breeding and laparoscopic techniques, more information on diagnostic tests including over ground endoscopy, chest ultrasonography and head CT, and a significantly expanded surgical section. The material on equine dentistry, neurology, endocrine system and the liver has also been considerably developed. The focus throughout remains on providing clinically relevant information required for practical case management, plus sufficient background on causes and disease processes to enable readers to understand the conditions and the rationale for diagnostic and treatment options. Expert authors come together under the editorship of Dr Graham Munroe to create a textbook that will be of lasting value as a teaching and training resource for equine specialists and students in veterinary medicine and related equine courses, as well as a ready reference for non-specialist practitioners.

Equine Clinical Neurology E. R. Singer 1997*

Equine Emergencies James A. Orsini 2008 Respond quickly and confidently to emergency situations with the only text dedicated entirely to equine emergency treatment. The latest edition of this reliable manual is vastly expanded to encompass a wide range of new and evolving topics in horse care, with thorough, step-by-step procedures for the most effective emergency treatment. Portable for use in the clinic or in the field and presented for the first time in full color, it's your one-source guide for complete equine emergency support. Unique focus provides your only single-source guide devoted to equine emergency management. Bulleted format makes information easily retrievable, presenting detailed procedures in concise, step-by-step outlines. 12 new chapters help you ensure biosecurity and treat a variety of increasingly common emergency conditions, including diarrheal, infectious, and zoonotic diseases. Revised Organ Systems section presents content in a more user-friendly, timesaving format. What to Do and What Not to Do headings identify proper care techniques and alert you to steps you should avoid. Updated drug dosage table improves treatment with accurate dosage information for many recently approved drugs. Full-color design distinguishes specific features within the text for quick reference in critical situations.

Handbook of Equine Emergencies E-Book Debra Catherine Archer 2013-12-01 There are approximately 5,780 vets in the UK seeing horses regularly and 800 final year students per year studying equine. Equine emergencies (e.g. Musculoskeletal, Respiratory, Ophthalmic or Foal) are regular occurrences: most vets are not called out regularly enough to become specialists, but do need to know enough to treat these emergencies. The idea of this book is to be a quick practical reference guide that a vet could keep handy in such emergencies. Currently there are no other easy to use pocketbooks on this subject in the market. The existing *Equine Emergencies* texts are either aimed at horse owners or are too detailed to be useful in this context, very large and include uncommon equine emergencies and advanced techniques that are irrelevant to the mixed practitioner. - Suitable for all equine practitioners - Concise and practical layout and content - Accessible online downloads *The Veterinary Care of the Horse* Sue Devereux 2019-11-28 This enlarged third edition of *The Veterinary Care of the Horse* brings the reader up-to-date with recent developments in equine medicine and surgery. For ease of reference, each condition is explained under headings which include the causes, clinical signs, diagnosis, treatment, prevention and prognosis. It is appreciated that it is not always easy to remember every detail of the vet's instructions when coping with a sick or injured horse. For this reason, recommendations regarding everyday procedures such as cleaning a wound, poulticing and bandaging are laid out in a step-by-step format. Chapters include; The Healthy Horse; Preventive Medicine; the Ill or Injured Horse; Examination of the Lamé or Poor Performance Horse; Diagnostic Procedures and Imaging Techniques; Conditions of the Horse's Foot; Tendon and Ligament Injuries; Joint Injury and Disease; Synovial Effusions; Conditions affecting Bone; Muscle Disease and Neurological Conditions; The Horse's Spine and Pelvis; Therapies; Complementary

Therapies; Respiratory Conditions; The Horse's Heart and the Circulatory System; The Digestive System; The Horse's Skin; The Reproductive System; Endocrine Disorders; Eye Injury and Disease; Behaviour Problems; Veterinary Care of the Donkey; Veterinary Procedures and finally, Further Advice and Practical Tips. Edited by Karen Coumbe MA VetMB Cert EP MRCVS. An essential book for everyone concerned with the care and management of horses. Each condition is explained under headings which include the causes, clinical signs, diagnosis, treatment, prevention and prognosis. Recommendations regarding everyday procedures such as cleaning a wound, poulticing and bandaging are laid out in a step-by-step format. Fully illustrated with over 1400 colour photographs and 200 diagrams. A fully revised and enlarged third edition. Sue Devereux is a qualified vet and an equine instructor for the International Academy of Veterinary Chiropractic. Edited by Karen Coumbe MA VetMB Cert EP MRCVS.

Robinson's Current Therapy in Equine Medicine - E-Book Kim A.

Sprayberry 2014-08-19 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 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.

Clinical Neurology, An Issue of Veterinary Clinics: Equine Practice - E-Book Thomas J. Divers 2011-12-28

A comprehensive review of clinical neurology for the equine practitioner! Topics will include: infectious diseases affecting the equine nervous system, advanced imaging of the nervous system, metabolic encephalopathies, neuro-ophthalmic disorders, cervical pain causing abnormal gait, neurologic or neuromuscular disorders, management of the downer horse, adverse drug reactions and toxins affecting the nervous system, neurologic conditions associated with guttural pouch disease, objective analysis of the equine gait and nervous system, and treatment of acute cervical injury in the horse.

Equine Viruses Romain Paillot 2020-04-30 The Food and Agriculture Organization of the United Nations has recently estimated that the world equid population exceeds 110 million. Working equids (horses, ponies, donkeys, and mules) remain essential to ensure the livelihood of poor communities around the world. In many developed countries, the equine industry has significant economical weight, with around 7 million horses in Europe alone. The close relationship between humans and equids and the fact that the athlete horse is the terrestrial mammal that travels the most worldwide after humans are important elements to consider in the

transmission of pathogens and diseases, amongst equids and to other species. The potential effect of climate change on vector ecology and vector-borne diseases is also of concern for both human and animal health. In this Special Issue, we intend to explore our understanding of a panel of equine viruses, looking at their pathogenicity, their importance in terms of welfare and potential association with diseases, their economic importance and impact on performance, and how their identification can be helped by new technologies and methods.

Equine Emergencies E-Book James A. Orsini 2012-05-07 Ideal for use in the clinic and in the field, Equine Emergencies: Treatment and Procedures, 4th Edition, offers practical step-by-step guidelines for effectively managing a wide range of emergency situations. Thoroughly updated content keeps you informed of the latest advances in horse care in a portable, convenient format. Essential examination, diagnostic, and treatment information for each body system is presented in a logical format so you can quickly find answers during equine emergencies. What to Do and What Not to Do boxes guide you through the step-by-step treatment of an emergency and draw your attention to important steps to take and those to avoid. High-quality photographs and illustrations visually clarify key concepts and guide you through procedures step by step. NEW! Chapter covering bacterial and viral diseases arms you with critical information on diagnostic labs, collection, submission, and interpretation. NEW! Chapter on emergency diagnostic procedures keeps you up-to-date on all the tests needed to determine the most effective treatment. NEW! Chapter on gene testing provides information on which gene tests and labs should be performed. NEW! Chapter on biopsy techniques highlights the different instruments available, endoscopic and laparoscopic techniques, as well as how to perform a pleuritis examination. NEW! Chapter on laboratory submission offers the latest information on tests, laboratory charts, guidelines for making an appropriate submission, and blood drawing. NEW! Chapters on feeding and starvation and flood injury supply the latest guidelines for nutrition, disaster medicine, and snake bites/envenomation.

Equine Internal Medicine - E-Book Stephen M. Reed 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.

Clinical Pathology for the Equine Practitioner, An Issue of Veterinary Clinics of North America: Equine Practice Sallyanne L. DeNotta 2020-03-07 This issue of Veterinary Clinics: Equine Practice, guest edited by Dr. Sally DeNotta and Dr. Tracy Stokol, focuses on Clinical Pathology for the Equine Practitioner. This is one of three issues each year selected by the series consulting editor, Dr. Thomas J. Divers. Articles in this issue include, but are not limited to: practical tips on sample handling for hematology, biochemistry and cytology, what a hemogram can tell you, bone marrow,

update on coagulation, inflammatory markers, point-of-care diagnostics, clinical pathology in the foal, synovial, CSF, peritoneal, and pericardial fluids, airway diagnostics, liver and GI clinical pathology in sick adult horses, renal clinical pathology and urinalysis in sick adult horses, and clinical pathology in the performance horse.

Veterinary Neuroanatomy and Clinical Neurology Alexander DeLahunta 2009 Covering the anatomy, physiology, and pathology of the nervous system, *Veterinary Neuroanatomy and Clinical Neurology*, 4th Edition helps you diagnose the location of neurologic lesions in small animals, horses, and food animals. Practical guidelines explain how to perform neurologic examinations, interpret examination results, and formulate effective treatment plans. Descriptions of neurologic disorders are accompanied by illustrations, radiographs, and clinical case examples with corresponding online video clips depicting the actual patient described in the text. Written by veterinary neuroanatomy and clinical neurology experts Alexander de Lahunta, Eric Glass, and Marc Kent, this resource is an essential tool in the diagnosis and treatment of neurologic disorders in the clinical setting. Disease content is presented as case descriptions, allowing you to learn in a manner that is similar to the challenge of diagnosing and treating neurologic disorders in the clinical setting: 1) Description of the neurologic disorder, 2) Neuroanatomic diagnosis and how it was determined, the differential diagnosis, and any ancillary data, and 3) Course of the disease, the final clinical or necropsy diagnosis, and a brief discussion of the syndrome. Over 250 high-quality radiographs and over 800 vibrant color photographs and line drawings depict anatomy, physiology, and pathology (including gross and microscopic lesions), and enhance your ability to diagnose challenging neurologic cases. A companion website hosted by Cornell University College of Veterinary Medicine features more than 380 videos that bring concepts to life and clearly demonstrate the neurologic disorders and examination techniques described in case examples throughout the text. High-quality, state-of-the-art MR images correlate with stained transverse sections of the brain, showing minute detail that the naked eye cannot see. NEW! High-quality, state-of-the-art MR images in the Neuroanatomy by Dissection chapter takes an atlas approach to presenting normal brain anatomy of the dog, filling a critical gap in the literature since Marcus Singer's *The Brain of the Dog* in Section. NEW Uncontrolled Involuntary Skeletal Muscle Contractions chapter provides new coverage of this movement disorder. NEW case descriptions offer additional practice in working your way through real-life scenarios to reach an accurate diagnosis and an effective treatment plan for neurologic disorders. NEW! A detailed Video Table of Contents in the front of the book makes it easier to access the videos that correlate to case examples.

Equine Medicine, Surgery and Reproduction Tim S. Mair 2013 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 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 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

Continuing Professional Development in Equine Medicine and Surgery Derek C. Knottenbelt 1999*

Equine Emergency and Critical Care Medicine Louise Southwood 2014-10-24 Early recognition of problems by owners, appropriate first aid, and timely referral by field veterinarians improve the chance of survival for horses requiring emergency management and critical care. With a view toward improving patient outcome, *Equine Emergency and Critical Care Medicine* is written by a team of enthusiastic equine specialists who explore a host of conditions that the equine veterinarian will encounter. Areas covered include: Digestive, musculoskeletal, cardiovascular,

respiratory, urogenital, and nervous systems Neonatal diseases Lacerations, wounds, and skin diseases requiring emergency care Emergency ophthalmological problems Toxicology Antimicrobial drugs and nutritional support Fluid, inotrope, and vasopressor therapy Sedation and analgesia Systemic inflammatory response The postoperative colic patient Critical care of the pregnant mare and neonate The recumbent horse 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 for 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. Equine veterinarians will find this book an essential addition to their libraries.

Adams and Stashak's Lameness in Horses Gary M. Baxter 2020-05-01 Provides a fully updated Seventh Edition of the classic gold-standard reference on equine lameness This new edition of the go-to resource for equine lameness features updates throughout and more in-depth information on objective lameness assessment, sports medicine, rehabilitation, treatment options, and advanced imaging. With contributions from the world's leading authorities on the subject, the book covers functional anatomy, examination, imaging, lameness of the distal limb, proximal limb, and axial skeleton, principles of musculoskeletal disease, therapies, occupation-related conditions, lameness in young horses, and farriery. More than 1,700 images support the text, making it an exhaustive reference for all aspects of lameness in horses. Now in its seventh edition, *Adams and Stashak's Lameness in Horses* continues to be the definitive resource on equine lameness for veterinary specialists, practitioners, interns, residents, and students alike. The book is supplemented with a companion website offering a plethora of "how-to" videos demonstrating a variety of different physical examination techniques, including palpation, hoof testing, flexion tests, and perineural and intrasynovial injection techniques. Offers a fully revised new edition of the classic text on equine lameness Includes more extensive information on objective lameness assessment, sports medicine, rehabilitation, treatment options and advanced imaging Features over 1,700 images to illustrate the concepts described Written by internationally renowned experts in the field Includes access to a companion website with "how-to" videos *Adams and Stashak's Lameness in Horses* is a must-have reference for any practicing large animal and equine veterinarian, equine veterinary specialist, or veterinary student dealing with lameness in the horse.

Equine Clinical Medicine, Surgery and Reproduction Scott Weese 2011-03-15 The internationally respected editors and authors have combined to produce this major new textbook and reference source in a single volume, covering all aspects of equine medicine, surgery, and reproduction. The text is supported by a wealth of over 1200 illustrations of the highest quality: color photographs, radiographic and ultrasound images, an

Self-Assessment Color Review of Equine Internal Medicine Tim S. Mair 1991-01-16 Combining the expertise of 16 internationally renowned contributing authors--some working in universities, others in equine practice--this Color Review provides comprehensive coverage of all aspects of equine internal medicine. Topics covered include neurology, cardiology, respiratory disease, gastroenterology, urology, infectious diseases, parasitology, hematology, oncology, endocrinology, reproduction, dermatology, ophthalmology and clinical nutrition in foals and adult horses. The cases appear in random order, just as they would in real life, and the book will appeal both to those preparing for examinations and to practicing professionals.

Equine Neurology, An Issue of Veterinary Clinics of North America: Equine Practice Stephen M. Reed 2022-08-28

Equine Geriatric Medicine and Surgery Joseph Bertone 2006 Interest in equine geriatrics among veterinarians and researchers is on the rise as many horses remain active and rideable well into their twenties. However, as horses age, they develop certain conditions that affect their overall health. *Equine Geriatric Medicine and Surgery* is a thorough and comprehensive text covering every aspect of veterinary management of the aging horse. The text covers many clinical topics like cardiology, dentistry, nutrition and more. Plus, there are a number of chapters devoted to the emotional challenges of caring the aging horse. Many of the conditions commonly associated with "old age" in the horse - such as lameness, weight loss, or poor shedding - actually might be treatable or preventable. *Equine Geriatric Medicine and Surgery* will help veterinarians manage their patients' health, and the specially written "layman's"

sections will help educate owners about preventive measures that can be taken to extend the life of their animals. It's the only equine geriatric book for veterinarians Information specific to senior horses allows better management of the medical conditions that affect aging animals and includes preventive measures that can be taken to extend the life of the horse Provides the most current information from the leading practitioners in equine geriatric medicine Includes chapters on the emotional aspects of caring for the aging horse, including bereavement, euthanasia, and the human-animal bond Summarizes important information in layman's terms so owners can better understand conditions and their treatment/management

Equine Neurology Martin Furr 2008-04-15

Equine Neurological Wall Chart 2000

Diagnosis and Management of Lameness in the Horse - E-Book Michael W. Ross 2010-11-11 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.

Neurology 2006

Equine Medicine University of Sydney. Post-Graduate Committee in Veterinary Science 1992

Equine Neurology and Nutrition 1996