

Equine Neurology

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International Equine Neurology Conference 1997

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 Tim S. Mair 2015-08-25 Written by well-respected experts from the UK and USA, Equine Internal Medicine: Self-Assessment Color Review Second Edition presents more than 200 interesting and challenging cases encountered in equine practice, complete with photographs, imaging, or endoscopy findings; blood or fluid smears; other ancillary tests; and, in some cases, pathologic findings. Completely revised and updated, this new edition of a bestseller contains entirely new cases, presented in random order, just as they would in practice. The cases are formatted as self-assessment problems comprising integrated questions, illustrations, and detailed explanations designed to educate as well as to provide answers. The authors include pertinent questions with each case to guide you through the case workup and treatments with in-depth answers for each case in the second half of the book. They provide a short list of pertinent references after most cases. Coverage includes neurology, cardiology, respiratory disease, gastroenterology, urology, infectious diseases, parasitology, hematology, oncology, endocrinology, reproduction, dermatology, ophthalmology, immunology, and musculoskeletal disorders, in foals and adult horses. Whether preparing for exams or continuing your professional development, this book gives you a firm foundation in how to assess, diagnose, and treat a wide variety of cases.

Equine Emergencies James A. Orsini 2013-12-03 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.

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.

The 5-Minute Veterinary Consult Christopher Brown 2002-01-03 This comprehensive quick reference is designed to provide concise and practical information for the diagnosis and treatment of conditions and diseases in equine medicine. Up to date and easy to use, the *Five-Minute Veterinary Consult: Equine* emphasizes definition, pathophysiology, and diagnosis and treatment. Running the gamut of all things related to equine medicine, the topics in this practical resource include behavior, cardiac, dermatology, endocrine/metabolic, gastroenterology, hematopoietic, infectious diseases, laboratory tests, neonates, neurology, ophthalmology, respiratory, theriogenology, toxicology, urinary, and more.

Complications in Equine Surgery Luis M. Rubio-Martinez 2021-05-25 *Complications in Equine Surgery* is the first reference to focus exclusively on understanding, preventing, recognizing, managing, and prognosing, technical and post-procedural complications in equine surgery. Edited by two noted experts on the topic, the book presents evidence-based information using a clear approach, organized by body system. Featuring color images, the book contains detailed coverage of the gastrointestinal, respiratory, musculoskeletal, urogenital, and neurological systems. Each chapter contains a short introduction of the procedure with explanations of when and how the procedure is to be performed. All chapters review how to recognize and prevent technical complications and explain how to manage post-operative complications. This important text: Offers the first resource specifically focused on complications encountered in equine surgery Takes a helpful format organized by body system Provides consistently formatted chapters for ease of use Covers clinically relevant information for dealing with technical and post-operative complications Presents more than 350 color images to illustrate the concepts described Written for general practitioners and specialists, *Complications in Equine Surgery* is an essential resource to decreasing morbidity and mortality and increasing surgical success in horses.

Blackwell's Five-Minute Veterinary Consult Jean-Pierre Lavoie 2019-11-12 Written by today's leading experts, this book keeps practitioners completely current with the latest in disease management of horses, taking a clear and practical approach ideal for daily equine practice. Arranged by subject for efficient searching, each topic covers clinical signs, diagnosis, treatment, and follow-up. Practitioners gain quick access to information about conditions and disorders encompassing behavior, cardiology, dermatology, endocrinology, gastroenterology, hematology, infectious diseases, laboratory tests, musculoskeletal, neonatology, neurology, ophthalmology, respiratory, theriogenology, toxicology, and urinary diseases. *Blackwell's Five-Minute Veterinary Consult: Equine, Third Edition* enhances the practitioner's skills in evidence-based treatment planning, and is unmatched for its comprehensive coverage of more than 500 diseases and conditions. This handy, practical guide will help cut down on time spent navigating through other resources, so that equine veterinarians and veterinary students can study, diagnose, and treat with greater efficacy. Key Features The

premier all-in-one equine resource designed specifically for quick information retrieval Divided into identically formatted topics for easy searching by alphabetical listing or by body system Coverage of more than 500 diseases and conditions Fast access to the accumulated wisdom of hundreds of veterinary experts Includes a companion website with 43 editable client handouts, 3 video clips, 8 color images, and select further reading

Manual of Equine Gastroenterology Tim S. Mair 2002 MANUAL OF EQUINE GASTROENTEROLOGY provides the equine expert and general veterinary practitioner with a complete review of the latest information on all aspects of equine gastroenterology. Edited by an international team of equine specialists and with over 55 contributors from the USA and Europe, it provides the most up-to-date information on a wide range of conditions such as colic, hepatobiliary disease, oesophageal disorders, diarrhea, gastrointestinal parasites and many more. With detailed chapters on diagnosis and clinical examination, medical and surgical treatment and management of complications, MANUAL OF EQUINE GASTROENTEROLOGY gives veterinarians all the information they need to diagnose and treat any gastrointestinal problem encountered in the horse or foal.

Equine Neonatal Medicine and Surgery E-Book Derek C. Knottenbelt 2004-11-11 An ideal companion to Knottenbelt's *Equine Stud Farm Medicine and Surgery*, this comprehensive text covers all aspects of veterinary care of the foal — from birth through weaning. Describing appropriate procedures for clinical assessment of the new-born foal, it addresses emergency interventions, resuscitation, and critical care. Disorders of growth and nutrition are reviewed, as well as congenital or inherited abnormalities of each of the major body systems. Plus, a unique section on special syndromes provides more than 200 color photographs carefully selected from the authors' extensive collection. Content is concise, informative, and easy to read. Full-color photographs illustrate common disorders, congenital defects, and more. Flowcharts summarize key diagnostic tests and findings. Numerous charts and tables provide easy access to key data. Appendices present key data, treatment protocols, techniques, and procedures in a quick-reference format.

Equine Urinary Tract Disorders, an Issue of Veterinary Clinics of North America: Equine Practice: Volume 38-1 Thomas J. Divers 2022-04

Rebhun's Diseases of Dairy Cattle - E-Book Simon Peek 2018-02-01 Diagnose and treat bovine diseases in cattle with *Rebhun's Diseases of Dairy Cattle, 3rd Edition* — your all-in-one guide to bovine disease management. Organized by body system for quick, convenient reference, this complete resource equips practitioners and students with the knowledge needed to confidently diagnose, treat, and prevent bovine disease. All chapters are updated from the previous edition to reflect the most up-to-date diagnostics and therapeutics, including revised drug usage considerations. An entirely new chapter for this third edition provides easy-to-read, but detailed information on diagnostic laboratory sample submission so that you will know what tests are available and the proper samples to submit. Another entirely new chapter focuses on diseases of the bull. More color photographs and illustrations are provided so that clinical signs and pathology of the diseases and diagnostic procedures commonly used in practice can be visualized. With expanded coverage of herd diseases, this new edition meets the growing need for management of both diseases of individual cows and medical problems affecting whole herds. Practical overviews for procedures such as blood transfusion, abdominal paracentesis, and ECG give you reliable support for some of the most common procedures in bovine care. A logical and user-friendly body systems organization makes diagnosis easier and more effective by isolating system-specific diseases and conditions. Additional public health/safety considerations identify diseases that pose a substantial public threat and detail special measures for related care of dairy cattle. Addresses the latest treatment innovations, including: antibiotic residue testing, care of individual metabolic disease, troubleshooting, and much more. Expanded, up-to-date coverage of public health/food safety considerations for practitioners helps to prevent dangerous and costly errors. Current legal and practical considerations for extra label medications are outlined, and all recommendations for drug usage have been revised according to federal guideline changes, to help ensure that you are familiar with the latest evidence-based guidelines. NEW! All-new chapter covering diseases specific to or common in the dairy bull offers valuable new content that makes this the most comprehensive resource for veterinary students and practitioners. NEW! A companion website, hosted by Cornell University with more than 60 neurologic, ultrasound, and endoscopic case study videos, illustrates key concepts discussed throughout the book and brings to life a variety of techniques that are more easily visualized than described in print. UPDATED! Expanded coverage of herd health features diseases of individual cows, as well as problems affecting entire herds, that challenge today's large animal veterinarians. NEW! Emphasis on herd health addresses the dairy industry's increased concern over population medicine. UPDATED! Revised drug usage recommendations and legal considerations present the most current information in these critical areas to help you prevent dangerous or costly errors.

Equine Internal Medicine Tim S. Mair 1997-01-02 The 16 international contributing authors - some working in universities, others in equine practice - have combined to provide a systematic Colour Review of all aspects of equine internal medicine. Coverage includes neurology, cardiology, respiratory disease, gastroenterology, urology, infectious diseases, parasitology, haematology, oncology, endocrinology, reproduction, dermatology, ophthalmology and clinical nutrition, in foals and adult horses. The cases appear in random order, just as they would in practice, and are presented as self-assessment problems comprising integrated questions, illustrations and detailed explanations designed to educate as well as to provide answers. The Colour Review will appeal to candidates preparing for examinations and practitioners in their continuing professional development.

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

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.

Equine Neurology Martin Furr 2008-04-15 Equine neurology has become a central part of everyday equine practice. In this practical and comprehensive clinical reference, clinicians will find the up-to-date resources needed to effectively and confidently recognize, diagnose and treat neurologic diseases and disorders in equine patients. At the heart of the book are practical features, such as diagnostic algorithms, charts and tables, designed to aid in the clinical examination of the nervous system, differential diagnosis, and appropriate methods of treatment. Detailed information on individual diseases and disorders is provided, including etiology, epidemiology, diagnostic methods, treatment, prognosis and prevention. A practical review of the basic anatomy and physiology of the nervous system also provides the essential framework for understanding and treating equine neurological problems.

Equine MRI Rachel C. Murray 2011-04-04 Equine MRI is a unique, comprehensive guide to MRI in the horse. Edited by Rachel Murray, a leading authority and researcher in the field with over ten years of equine clinical MRI experience, the book also includes contributions from worldwide experts in the subject. Divided into the following four sections, the book presents key information based on previous validation work and clinical

practice: Principles of MRI, including the practicalities of image acquisition and interpretation Normal MRI anatomy and normal variations Different types of pathological change Options for clinical management and prognosis for different conditions MRI is a rapidly expanding area in veterinary medicine that confers detailed, three-dimensional information on both bone and soft tissue. Expanding clinical knowledge, improvements in technology, and practical application of MRI to the standing and recumbent horse means this useful imaging modality has become an integral and essential part of the diagnostic evaluation in lameness and is a realistic option for investigation of ophthalmological, neurological and cranial pathology. Equine MRI enables readers to understand the best ways to achieve good quality images, and provides a detailed explanation of the problems that may occur. With close to 950 normal and abnormal images, this book offers considerable detail and examples of both common and uncommon problems, making it a great reference for equine veterinarians, veterinary students, specialists in equine surgery, and specialists in veterinary imaging.

Understanding EPM David E. Granstrom 1997 Understanding EPM is the first book written for the layperson that deals with the most common neurological disease diagnosed in Western Hemisphere horses: Equine Protozoal Myeloencephalitis, which can affect any breed. Dr. Granstrom discusses the parasite which causes EPM, symptoms, treatments, and prevention. A must for any equine professional!

Equine Urinary Tract Disorders, An Issue of Veterinary Clinics of North America: Equine Practice, E-Book Thomas J. Divers 2022-04-01 Equine Urinary Tract Disorders, An Issue of Veterinary Clinics of North America: Equine Practice, E-Book

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 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.

Large Animal Neurology Joe Mayhew 2022-05-20 A comprehensive and authoritative guide to neurologic disease in large domestic animals, world-wide. The newly revised Third Edition of Large Animal Neurology delivers a practical and complete reference for veterinarians, veterinary trainees and scientists dealing with large animal neurology. The book is vividly illustrated in full colour and contains many clinical photographs and detailed line drawings to highlight the concepts discussed within. Organised into three parts, Large Animal Neurology offers practitioners and students straightforward guides on how to perform neurologic examinations for domestic large animal species, including neonates. It also discusses the presenting clinical syndromes caused by common nervous system diseases, as well as giving details of the specific neurologic diseases of large domestic animals. The book includes: A thorough introduction to the evaluation of large animal neurologic patients, including discussions of neuroanatomy, neurologic evaluation, ancillary diagnostic aids, and the important pathologic responses of the nervous system Comprehensive exploration of 26 presenting clinical problems, including behaviour disorders, seizures, epilepsy, sleep disorders, blindness, strabismus, monoplegia, wobblers, tetraplegia, pruritus and cauda equina syndrome Detailed coverage of the specific diseases, including those of genetic, infectious, nutritional, toxic and metabolic cause, and the many diseases with multifactorial and with unknown cause Perfect for all equine and farm animal veterinarians, veterinary neurologists, as well as trainees in the field, Large Animal Neurology, Third Edition is also an ideal resource for undergraduate veterinary students, animal pathologists, and neuroscience researchers.

Rebhun's Diseases of Dairy Cattle E-Book Thomas J. Divers 2007-11-13 REBHUN'S DISEASES OF DAIRY CATTLE, 2nd Edition is your all-in-one guide to bovine disease management. With thorough, up-to-date coverage of differential diagnosis methods, surgical and therapeutic treatment options, and prevention strategies, it provides vital information for battling bovine diseases in both dairy and non-dairy cattle. The book is organized by body system for quick, convenient reference, and this new edition meets the growing need for management of both diseases of individual cows and problems affecting whole herds. Individual case presentations provide a valuable tool for differential diagnosis. Practical overviews for procedures such as blood transfusion, abdominal paracentesis, and ECG give you reliable support for some of the most common procedures in bovine care. Body systems organization makes diagnosis easier and more effective by isolating

system-specific diseases and conditions. Full-color design and over 200 new photographs depict disease processes in realistic clarity and ensure the most accurate diagnosis and treatment. Emphasis on herd health addresses the dairy industry's increased concern over population medicine. Expanded coverage of lameness highlights key problem areas in bovine feet. Revised drug usage recommendations and legal considerations present the most current information in these critical areas to help you prevent dangerous or costly errors. Additional public health/safety considerations identify diseases that pose a substantial public threat and detail special measures for related care of dairy cattle. New, innovative DVD features real-time videos of neurologic case studies, ultrasound and endoscopy procedures, and imaging techniques that familiarize you with the latest technological equipment and protocols. Features coverage of the latest treatment innovations including antibiotic residue testing, care of individual metabolic disease, troubleshooting, and much more.

Veterinary Neuroanatomy and Clinical Neurology - E-Book Alexander de Lahunta 2014-07-10 Organized by functional neurologic system, the 3rd edition of this authoritative reference provides the most up-to-date information on neuroanatomy, neurophysiology, neuropathology, and clinical neurology as it applies to small animals, horses, and food animals. Accurate diagnosis is emphasized throughout with practical guidelines for performing neurologic examinations, interpreting examination results, and formulating effective treatment plans. In-depth disease descriptions, color images, and video clips reinforce important concepts and assist with diagnosis and treatment. Expert authors bring more than 50 years of experience in veterinary neuroanatomy and clinical neurology to this book — Dr. Alexander DeLahunta and Dr. Eric Glass offer their unique insights from both academic and practitioner perspectives. Disease content is presented in a logical case study format with three distinct parts: Description of the disorder Neuroanatomic diagnosis (including how it was determined, the differential diagnosis, and any available ancillary data) Course of the disease (providing final clinical or necropsy diagnosis and a brief discussion of the syndrome) More than 600 full-color photographs and line drawings, plus approximately 150 high-quality radiographs, visually reinforce key concepts and assist in reaching accurate diagnoses. The book comes with free access to 370 video clips on Cornell University's website that directly correlate to the case studies throughout the book and clearly demonstrate nearly every recognized neurologic disorder. High-quality MR images of the brain are presented alongside correlating stained transverse sections for in-depth study and comparison. Vivid photos of gross and microscopic lesions clearly illustrate the pathology of many of the disorders presented in the book.

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 fibrocoxib 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 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.

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 Neurology and Nutrition 1996

Equine Clinical Medicine, Surgery and Reproduction Graham Munroe 2019-11-05 This fully-revised new edition of the best-selling *Equine Clinical Medicine, Surgery and Reproduction* is supported by over 1800 illustrations of the highest quality: colour photographs, diagnostic images including MRI and CT, 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 and wounds. New to the second edition: - All chapters are updated throughout - Additional chapters on the axial musculoskeletal system (neck, back and pelvis) and muscle diseases and problems - A whole new section on soft tissue injuries of the foot - More information on diagnostic tests including over-ground endoscopy, chest and liver ultrasonography, head CT, and foot MRI - Material on equine dentistry, neurology, endocrine system, the foal, and the liver has been considerably expanded - All illustrations and photographs have been reviewed and many replaced with higher quality images. 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. An international group of respected clinicians have 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 clinical teachers and their students in veterinary medicine and related equine courses, as well as a ready reference for non-specialist mixed or equine clinical practitioners

Clinical Neurology of the Horse James R. Rooney 1971

Veterinary Neuroanatomy and Clinical Neurology Alexander DeLahunta 2009 Organized by functional neurologic system, the 3rd edition of this authoritative reference provides the most up-to-date information on neuroanatomy, neurophysiology, neuropathology, and clinical neurology as it applies to small animals, horses, and food animals. Accurate diagnosis is emphasized throughout with practical guidelines for performing neurologic examinations, interpreting examination results, and formulating effective treatment plans. In-depth disease descriptions, color images, and video clips reinforce important concepts and assist with diagnosis and treatment. Expert authors bring more than 50 years of experience in veterinary neuroanatomy and clinical neurology to this book - Dr. Alexander DeLahunta and Dr. Eric Glass offer their unique insights from both academic and practitioner perspectives. Disease content is presented in a logical case study format with three distinct parts: Description of the disorder Neuroanatomic diagnosis (including how it was determined, the differential diagnosis, and any available ancillary data) Course of the disease (providing final clinical or necropsy diagnosis and a brief discussion of the syndrome) More than 600 full-color photographs and line drawings, plus approximately 150 high-quality radiographs, visually reinforce key concepts and assist in reaching accurate diagnoses. The book comes with free access to 370 video clips on Cornell University's website that directly correlate to the case studies throughout the book and clearly demonstrate nearly every recognized neurologic disorder. High-quality MR images of the brain are presented alongside correlating stained transverse sections for in-depth study and comparison. Vivid photos of gross and microscopic lesions clearly illustrate the pathology of many of the disorders presented in the book.

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about conditions and disorders encompassing behavior, cardiology, dermatology, endocrinology, gastroenterology, hematology, infectious diseases, laboratory tests, musculoskeletal, neonatology, neurology, ophthalmology, respiratory, theriogenology, toxicology, and urinary diseases. *Blackwell's Five-Minute Veterinary Consult: Equine, Third Edition* enhances the practitioner's skills in evidence-based treatment planning, and is unmatched for its comprehensive coverage of more than 500 diseases and conditions. This handy, practical guide will help cut down on time spent navigating through other resources, so that equine veterinarians and veterinary students can study, diagnose, and treat with greater efficacy. **Key Features** The premier all-in-one equine resource designed specifically for quick information retrieval Divided into identically formatted topics for easy searching by alphabetical listing or by body system Coverage of more than 500 diseases and conditions Fast access to the accumulated wisdom of hundreds of veterinary experts Includes a companion website with 43 editable client handouts, 3 video clips, 8 color images, and select further reading

Equine Neurology, An Issue of Veterinary Clinics of North America: Equine Practice, E-Book Stephen M. Reed 2022-08-12

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

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.

Understanding EPM Equine Protozoal Myeloencephalitis David E. Granstrom 2004 *Understanding EPM* contains the latest information on the most commonly diagnosed equine neurological disease in North America. EPM affects all horses regardless of breed and age. Learn what causes EPM, how it is diagnosed and treated, and the latest developments on the research front.

Equine Biomechanics for Riders Karin Blignault 2009 By understanding how the horse's biomechanics works and how to influence it, most of the misunderstanding between horse and rider is avoidable, and the vast majority of schooling problems solvable. Although in its infancy, equine sport science teaches us how a horse's body and mind functions. Through an understanding of this natural science, together with literature left to us by the classical masters, training horses, without the dependence on gadgets, becomes extremely easy and logical. The knowledge of equine biomechanics turns horse training and riding teaching into a completely logical process. In this work, Karin Blignault investigates the horse's natural methods of performing movements and compares this with the movements he performs in dressage and jumping. Examining each individual gait and movement - including lateral work, piaffe, passage, flying changes - the author highlights the biomechanical difficulties the horse encounters in his effort to please the rider, gives suggestions to riders and trainers on how to overcome these difficulties, and further gives judges pointers on how to recognize these problems.

Manual of Equine Emergencies James A. Orsini 2003 Designed for ease of use in the clinical setting, this up-to-date resource provides all of the essential information needed on equine emergency medicine and surgery. In a logical, clear presentation, the reference outlines step-by-step direction of the procedures needed to stabilize the equine patient. Color illustrations enhance the written text. The text is updated throughout and includes a number of new chapters and illustrations, as well as aesthetic changes that make key information easier to locate. Authored by experts in the field, this one-of-a-kind manual presents data on principles and procedures, organ system examination, neonatology, shock and temperature related problems, interpretation of lab tests,

pharmacology and toxicology, and management of special problems. Presents the medical and surgical principles and procedures for all organs and body systems, including common signs of distress. Includes nutritional guidelines for each disease. Easy-to-use format includes a quick reference guide to the equipment needed to perform emergency procedures, treatments presented in at-a-glance outline format, and easy-to-read tables that summarize key information on poisons. Describes laboratory tests, including details on how to obtain the best samples and interpret test results. Offers coverage of not only common medical emergencies, but uncommon emergencies as well. Features useful appendices on normal clinical values, vaccination schedules, product manufacturers, and registry information for various breeds. Includes new chapters on diagnostic ultrasound, pain management, fluid therapy, high-risk pregnancy, regional perfusion, aging guidelines/dentistry, esophagostomy, temporomandibular arthrocentesis, endoscopy of the navicular bursa, corneal scraping, nerve blocks of the eye, caudal epidural catheterization, blood coagulation disorders, emergency measurements of body fluids, and diseases seen in Europe. Presents more than 100 new illustrations and 24 new color plates of GI disorders and toxic plants. Features updated and expanded drug information, including dosages and drug reactions. Thumb tabs mark chapter names and page bars make the drug dosage tables easier to locate. "Must Know" information is called out with a new logo.

The Equine Athlete 1990

Adams and Stashak's Lameness in Horses Gary M. Baxter 2011-06-28 The Sixth Edition of Adams and Stashak's *Lameness in Horses* builds on the book's reputation as the classic gold-standard reference on equine lameness. Now in full color, the text has been fully revised and streamlined to improve user-friendliness, with a new, simplified format and a stronger emphasis on the diagnosis and management of lameness. A valuable supplementary DVD provides a complete guide to diagnosing lameness, offering additional anatomical images; video clips demonstrating key procedures such as physical examination, flexion tests, perineural and intrasynovial anesthesia; and examples of lameness conditions in motion. The Sixth Edition presents new or significantly rewritten chapters on the axial skeleton, principles of musculoskeletal disease, principles of therapy for lameness, occupation-related lameness conditions, and lameness in the young horse. The diagnostic procedures chapter has also been significantly expanded to reflect advances in this important area. *Adams and Stashak's Lameness in Horses, Sixth Edition* is an essential addition to any equine practitioner's bookshelf.