

Equine Joint Injection And Regional Anesthesia

Brucellosis, also known as undulant fever, Mediterranean fever, or Malta fever, is an important human disease in many parts of the world. It is a zoonosis and the infection is almost invariably transmitted to people by direct or indirect contact with infected animals or their products. These Guidelines are designed as a concise, yet comprehensive, statement on brucellosis for public health, veterinary and laboratory personnel without access to specialized services. They are also to be a source of accessible and updated information for such others as nurses, midwives and medical assistants who may have to be involved with brucellosis in humans. Emphasis is placed on fundamental measures of environmental and occupational hygiene in the community and in the household as well as on the sequence of actions required to detect and treat patients.

The revised Second Edition of Manual of Equine Lameness offers a concise and accessible manual of lameness diagnosis and treatment in horses. Perfect for use as a quick reference, this book provides straightforward access to the essentials of equine lameness, including the clinical assessment of the horse and commonly performed diagnostic nerve blocks and the most common conditions of the foot, forelimb, and hindlimb that may be contributing to the lameness. Current therapeutic options to treat lameness are also discussed, as well as guidance on how to manage musculoskeletal emergencies. The content has been distilled from the authoritative Seventh Edition of Adams and Stashak's Lameness in Horses, and this new edition has been re-envisioned to be even quicker and easier to navigate than the previous version. Color photographs and illustrations support the text, which presents lameness information most relevant to equine general practitioners, mixed animal practitioners, and veterinary students. A companion website offers videos that focus on the clinical examination of the horse and select diagnostic blocks and relevant anatomy. Diagnostic and treatment material has been revised from the previous edition to include the most up-to-date information. Readers will find: A thorough introduction to the assessment of the lame horse, including history, visual exam, palpation, subjective and objective assessments of lameness, perineural anesthesia, and intrasynovial anesthesia An exploration of common conditions of the foot, including the navicular region and soft tissue injuries, coffin joint and distal phalans conditions, and laminitis Discussions of the most common conditions of the forelimb, including the pastern, fetlock, metacarpus/metatarsus, carpus, antebrachium, elbow, and humerus, as well as the shoulder and scapula Discussions of common conditions of the hindlimb and axial skeleton A review of therapeutic options to treat lameness conditions How to manage musculoskeletal emergencies in the horse Ideal for veterinary students, early career equine practitioners, and mixed animal veterinarians, the Second Edition of Manual of Equine Lameness is an indispensable reference for any veterinarian seeking a concise one-stop reference for equine lameness.

The most comprehensive text available on equine surgery, this book prepares the veterinary surgeon for managing each surgical condition by understanding its pathophysiology and evaluating alternative surgical approaches. Explanations describe how to avoid surgical infections, select and use instruments, and perfect fundamental surgical techniques including incisions, cauter, resections, irrigation, surgical suction, wound closure, dressings, bandages, and casts. Thorough and complete coverage means this is the only book practitioners and students need. World-renowned contributors include 67 of the most experienced and expert equine practitioners, each providing current and accurate information. This text covers all the information needed to study for the American and European College of Veterinary Surgeons Board Examination, making it an excellent study tool. Coverage of anesthesiology and pain management is reintroduced in this edition. Extensive and up-to-date orthopedic coverage includes joint disorders and joint trauma. Integumentary system coverage includes wound management, reconstructive surgery, and skin grafting. Other important topics include the alimentary system, cardiovascular surgery, and new techniques in vascular surgery. More minimally invasive surgical techniques A section on anesthesia has been re-introduced to this edition

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 Anesthesia – 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.

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Saunders Equine Formulary E-Book

A Guide to Equine Joint Injection

Manual of Clinical Procedures in the Horse

The Equine Hospital Manual

Equine Clinical Pharmacology

This unique resource presents current issues in sports and exercise medicine which outlines new areas of knowledge and provides updates on current knowledge in the broad field of sports and exercise medicine. Written by experts in their own sub-disciplines. Current Issues in Sports and Exercise Medicine discusses the physiology behind sports injuries and presents new and exciting approaches to manage such injuries. In addition, the book explores the relationship between exercise, health and performance by providing new information in areas such as exercise and immunity, the use of iron supplementation for performance, how exercise affects reactive oxygen species, and the proposed benefits of real and simulated altitude training. This book is well referenced and illustrated and will be a valuable resource for sports medicine specialists, physiologists, coaches, physical conditioners, physiotherapists and graduate school students.

Manual of Clinical Procedures in the Horse is a detailed step-by-step guide to clinical skills in equine practice. With information on techniques ranging from physical examination and blood sampling to neurologic exams and other specialized procedures, the book is an aid to confidently and effectively performing procedures used in daily equine practice. Well illustrated with clinical photographs throughout, the book's focus is on providing thorough, easy-to-understand descriptions of 80 techniques necessary for examining and treating horses. Each topic includes a summary of the purpose, potential complications, equipment and proper restraint for each procedure, with a detailed description of each action for the technique and the rationale behind it. More than 1,100 full-color clinical photographs demonstrate the techniques. Manual of Clinical Procedures in the Horse is an essential purchase for any veterinary practice seeing equine patients. Key features Details each step for 80 common procedures for veterinary care of the horse Supports veterinarians and technicians in performing techniques in daily equine practice Presents more than 1,100 images depicting the steps described in the text Covers the purpose, potential complications, equipment, restraint, actions and rationale for each procedure Offers a practical patient-side reference to essential techniques in clinical practice, ranging from basic assessment to specialized procedures

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.

Muscle tears are one of the most common pathologies in sport and one of the most frequent causes of sport activity suspension. The purpose of this book is to review the state of the art of the actual knowledge on muscle tears in athletes, in particular for what concern the biology of muscle healing, the conservative and surgical treatments and the preventive aspects. Therefore, this textbook can be a valid tool for all Sport Medicine practitioners such as physicians, physiotherapists and fitness coaches.

Equine Science

Equine MRI

Current Issues in Sports and Exercise Medicine

Arthrosonography

The Humane Society of the United States Euthanasia Reference Manual

Blackwell's Five-Minute Veterinary Consult: Equine, Second Edition is a concise, comprehensive resource for all topics related to equine medicine. Now fully revised and updated, this authoritative quick reference provides thorough coverage of practical information, arranged alphabetically for efficient searching. Bringing together the expert knowledge of 175 contributors, the popular Five-Minute Veterinary Consult format allows rapid access to complete coverage of nearly 500 diseases and conditions seen in the horse. This reference is an essential tool for students and practicing veterinarians to quickly diagnose and treat equine patients.

Offers a long-awaited Second Edition of this comprehensive, state-of-the-art reference for fracture repair in horses The Second Edition of Equine Fracture Repair has been thoroughly revised and updated to present the most current information on fracture repair in horses. Written to be accessible, the text is logically arranged, presenting the most authoritative information on equine fracture repair with explanations of the expected outcomes. The book provides valuable insight as to whether a fracture should be repaired, the degree of difficulty of the procedure, and a wealth of practical information on surgical techniques. This fully revised Second Edition offers a valuable tool for veterinarians making clinical decisions when faced with horse fractures, covering emergency care and splinting, the most current innovative techniques in equine fracture repair, and new implant systems. With contributions from leading experts in the field, the revised edition continues to be the essential reference to the subject. This essential resource: Offers a revised edition of the most comprehensive reference on the repair of fracture in horses, with complete information on patient assessment, emergency splinting and casting, and guidance in treatment choices Includes contributions from leading experts in the field Presents information organized by fracture type for quick access Provides valuable outcome assessment with helpful discussions of the degree of difficulty to aid in case management, incorporating information on the newest techniques and implant systems Concludes with extensive information on the identification and management of complications associated with fractures and repair methods This revised and updated edition of Equine Fracture Repair continues to provide a comprehensive resource for understanding the most effective and current techniques available for the treatment of fractures in horses.

Diagnose, treat, and manage equine skin disorders with the most comprehensive reference available! With 900 full-color photos, Equine Dermatology covers skin diseases ranging from those that merely annoy the horse to others that interfere with the horse's ability to function in riding, working, or show. Thorough coverage includes essential basics and practical diagnostic methods, therapies, and specific abnormalities and defects. The book describes the structure and function of the skin, and discusses disorders including bacterial, fungal, parasitic, viral, protozoal, allergic, immune-mediated, endocrine, metabolic, and nutritional diseases. It also covers congenital and hereditary defects, pigmentation abnormalities, keratinization defects, environmental skin diseases, and skin tumors. Written by renowned equine dermatologists Danny Scott and Bill Miller, this all-inclusive resource covers the latest dermatologic topics and the newest therapies. Current, comprehensive coverage includes every known equine dermatosis. An emphasis on differential diagnosis includes key differentials and breed predisfections for each disease, especially helpful when you have only a specimen and an incomplete history to work with. A consistent format makes it easy to locate information on each skin disorder, including a clinical description, its cause and pathogenesis, clinical features, clinical management, diagnosis, treatment, and any zoonotic aspects. Expert authors Danny W. Scott, DVM, and William H. Miller, Jr., VMD, offer years of knowledge, experience, and their vast image collections. Diagnostic tables in each chapter provide a quick reference for identifying lesions and disorders. An extensive list of references at the end of each chapter includes recommendations for further reading. New coverage of dermatologic conditions includes the latest topics and emerging disorders such as chronic progressive lymphedema, herpesvirus-2-associated dermatitis, salmonella-associated dermatoses, and nodular auricular chondroplasty. Updated Diagnostic Methods chapter covers multiple methods of developing a differential diagnosis list based on breed, lesion type, patterns, and location. A focus on common clinical problems highlights the conditions most likely to be seen in practice. Almost 1,000 full-color photos of skin disorders make it easy to distinguish clinical characteristics and variations of normal and abnormal for accurate diagnosis and therapy.

Written by three well-known experts, this updated, comprehensive book features expanded chapters, step-by-step photographs, and all-new computer-generated images created by an equine anatomist to provide accurate, detailed depictions of equine anatomy. A Guide to Equine Joint Injection and Regional Anesthesia remains the beloved, portable, user-friendly guide that is an invaluable tool for veterinarians working in all conditions, from the field to the referral hospital.

Book of Abstracts of the 72nd Annual Meeting of the European Federation of Animal Science

Brucellosis in Humans and Animals

Equine Joint Injection and Regional Anesthesia

Equine Surgery

Adams and Stashak's Lameness in Horses

Intended for veterinarians and farrier's, this book focuses on the foot, which is the most common site of lameness in horses. It covers the basic farrier principles, and focuses on medical and surgical foot care management. It includes information on the anatomy and physiology of the equine foot, pathological conditions, and more.

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. This practical guide is ideal for healthcare professionals, including family medicine and sports medicine physicians, who wish to integrate peripheral joint and soft tissue injection procedures into their practices. Emphasis is placed on helping clinicians perform injections with accuracy and efficiency. Procedures are presented in a step-by-step fashion. A wealth of illustrations adds clarity, and fluoroscopic images are featured where applicable. Billing and coding are covered in order to aid readers in obtaining reimbursement. Chart documentation designed to improve patient management and medical-legal protection is presented via ready-to-use templates that can be inserted into office notes. Key information on needle gauge sizes and medication dosages is summarized in an easily accessible table. A useful discussion on conducting clinical trials is outlined as well.

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.

Diagnosis and Treatment

Equine

Equine Ophthalmology

Muscle Injuries in Sport Medicine

Advances in Common Eye Infections

Give your patients the non-surgical spine pain relief they need with help from the Atlas of Image-Guided Spinal Procedures by Dr. Michael Bruce Furman. This medical reference book features a highly visual atlas format that shows you exactly how to safely and efficiently perform each technique step-by-step. A unique, systematic, safe, and efficient approach makes Atlas of Image-Guided Spinal Procedures your go-to resource for spine pain relief for your patients. The highly visual format shows you exactly how to perform each technique, highlighting imaging pearls and emphasizing optimal and suboptimal imaging. Updated content includes ultrasound techniques and procedures for "spine mimickers," including hip and shoulder image-guided procedures, keeping you on the cutting edge of contemporary spine pain-relief methods. Safely and efficiently relieve your patients' pain with consistent, easy-to-follow chapters that guide you through each technique. Highly visual atlas presentation of an algorithmic, image-guided approach for each technique: trajectory view (demonstrates fluoroscopic "set up"); multi-planar confirmation views (AP, lateral, oblique) and safety view (what should be avoided during injection), along with optimal and suboptimal contrast patterns; Special chapters on Needle Techniques, Fluoroscopic and Ultrasound Imaging Pearls, Radiation Safety, and L5-S1 Disc Access provide additional visual instruction. View drawings of radiopaque landmarks and key radiolucent anatomy that cannot be viewed fluoroscopically. Includes new and unique diagrams demonstrating cervical, thoracic, and lumbar radiofrequency probe placement and treatment zones on multi-planar views. Features new coverage of ultrasound techniques, as well as image-guided procedures for "spine mimickers," such as hip and shoulder.

From the worldwide leader in equine surgery, Wayne McIlwraith, comes the new fourth edition of Diagnostic and Surgical Arthroscopy in the Horse. Completely revised and expanded, this comprehensive atlas covers all the need-to-know information within equine arthroscopy: instrumentation, general techniques, carpal joints, metacarpal and metatarsophalangeal joints, and tarsocrural joints. All the advances that have taken place in the field over the last decade are covered, particularly in the areas of postoperative management and rehabilitation. This trusted reference also provides an in-depth view of surgical procedures with new high-definition diagnostic and surgical arthroscopic images, as well as radiographs and composite illustrations. There is no better way to learn and master equine surgical procedures! Diagnostic images with side-by-side radiographs and illustrations offer multiple points of view and directional guidance on surgical procedures. Expert authorship features helpful insights and expertise from the worldwide leader and speaker on equine arthroscopy, Wayne McIlwraith. Specially commissioned artwork clearly illustrates local anatomy and key stages of surgical procedures. Coverage of choice, use, and maintenance of equipment provides a basic understanding of arthroscopic technique and reasoning behind various practices. Content dedicated to diagnostic and surgical arthroscopy of the horse provides authoritative, comprehensive information on this specialized subject. NEW! Updated high-definition images provide a crystal clear view of surgical procedures from multiple views. NEW! Companion website features 48 high-resolution digital videos that link back to the textbook for a vivid demonstration of surgical techniques. NEW! Expanded content ensures you are up to date on the latest developments in the field – particularly in the areas of tenoscopy, bursectomy, and arthroscopic methods for cartilage repair. NEW! Chapter on postoperative management, adjunctive therapies, and rehabilitation procedures keeps you abreast of best practices when it comes to taking care of the horse post-operation.

This book is a new addition for a broad-spectrum library in ophthalmology and other specialties in medicine of "InTech." It addresses ocular infections. These infections may result in blindness if not correctly diagnosed and promptly treated. Therefore, it is essential to be fully aware and knowledgeable about the manifestations of these diseases, and this book covers some of the different aspects of them. The chapters were written by experts from around the globe and these reflect the importance of the subject. The book is aimed for ophthalmologists, residents in ophthalmology and infectious diseases, general practitioners, and researchers in hope to advance the knowledge for the benefit of the world habitants wherever they are.

Authored by nationally and internationally recognized authorities, this unique, new book offers the latest information on the diagnosis and treatment of equine joint diseases. Presents new information on basic joint pathobiology and translates it into practical application for the clinician. Chapters cover current research and recent advances in arthroscopic surgery!

Equine Anesthesia

Equine Viruses

Manual of Equine Lameness

Current Knowledge, Future Needs

Air Emissions from Animal Feeding Operations

"This text is fully referenced and current prescribing practice for horses is backed up by scientific research published in the literature: for example, direct evidence from equine studies versus extrapolation from studies in other species is reviewed by the contributors. A formulary of generic drug names that includes dosages and routes of administration, with special emphasis on products and dose rates approved for use in horses, is included at the end of the book."—BOOK JACKET.

The book is a step-by-step manual describing the most commonly performed diagnostic procedures in horses making it an ideal quick reference resource for general and equine practitioners. The title is a concise compilation of technical information on collection and handling body tissues for the diagnosis of equine diseases. Invasive and non-invasive diagnostic procedures along with common joint injection and aspiration techniques are thoroughly explained. The manual describes and demonstrates the collection of fluid and tissue samples from all body systems and when applicable, and discusses multiple techniques for collecting the tissue samples. This book takes a unique approach to the presentation of synoviocentesis techniques by superimposing radiographic images over the corresponding joints of the intact limbs. These images greatly assist clinicians in visualizing anatomical orientation with the described palpable landmarks. This user-friendly text includes over 150 full-color images. Published by Teton New Media in the USA and distributed by Manson Publishing outside of North America.

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.

Now available in a fully updated third edition, Equine Ophthalmology is the most comprehensive and current clinical resource for the diagnosis and treatment of ophthalmic disease in horses. Provides complete, authoritative information on the diagnosis and treatment of ophthalmic disease in horses Fully updated with improved figures, the latest research, and new chapters on advanced diagnostics, foal ophthalmology, neuro-ophthalmology, national and international regulations, and an expanded chapter on inherited ocular disease Features contributions from an international group of equine experts, under the editorship of a leading equine veterinary specialist Offers comprehensive coverage of clinical and reference information ideal for specialists, general equine practitioners, and veterinary students alike Includes access to a companion website with expanded content and figures

Equine Hound Management

Equine Neck and Back Pathology

Veterinary Sports Medicine and Physical Rehabilitation

Diagnostic and Surgical Arthroscopy in the Horse – E-Book

Davos, Switzerland, 30 August – 3 September 2021

Understanding the latest developments in equine science is essential for all veterinary and equine professionals and students, researchers, owners, and those caring for equids. This book reflects the diversity in research presently being carried out worldwide. From locomotion and the digestive system, through to the skin and reproduction. The chapter on medicine includes not only some of the latest advances in gene therapy but also reveals medieval treatments, providing a fascinating glimpse into the past whilst also looking at future technologies. The book also highlights some contemporary insights into diet and behavior. From DNA and individual cells through to the entire animal, this research uses different scientific methods to understand horses and donkeys in greater detail.

Now in its third edition, Equine Wound Management is the authoritative resource for both theoretical and practical information on the care of wounds in horses. The most comprehensive resource on managing equine wounds Organized by body region Over 750 color photographs Summaries at the beginning of each chapter and highlighted key information aid readers to rapidly find relevant information Companion website offers videos, interactive multiple choice questions and answers, case studies, and images from the book for download This Book of Abstracts is the main publication of the 72nd Annual Meeting of the European Federation of Animal Science (EAAP). It contains abstracts of the invited papers and contributed presentations of the sessions of EAAP's eleven Commissions: Animal Genetics, Animal Nutrition, Animal Management and Health, Animal Physiology, Cattle Production, Sheep and Goat Production, Pig Production, Horse Production and Livestock Farming Systems, Insects and Precision Livestock Farming. The first book to offer practical guidelines on the prudent andrational use of antimicrobials in animals. Drawing onmultidisciplinary expertise to offer independent scientific advicea controversial area that is crucial to both human health and animal welfare. The earlier general chapters cover issues such ashuman health risks and the problems of resistance to antimicrobialdrugs. The later specific chapters are dedicated to particulargroups of animals. Has an emphasis on preserving the efficacy of antimicrobialdrugs that are clinically important in human medicine Covers both companion animals and food animals, includingaquaculture Suitable for veterinary practitioners working in small andlarge animal medicine, aquaculture and animal production, as wellas veterinary students, academics and researchers. It will also beof interest to those more generally involved in veterinary publichealth and antimicrobial resistance.

A Manual of Equine Diagnostic Procedures

Joint Disease in the Horse

Atlas of Image-Guided Spinal Procedures E-Book

Guide to Antimicrobial Use in Animals

Osteoarthritis and Related Conditions

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.

All veterinary team members involved in the everyday care of horses that require anesthesia or special emergency care will benefit from this reliable and inclusive resource. This text provides all of the information needed to prepare, conduct, and monitor the administration of drugs in order to produce safe and effective anesthesia, treat pain, respond to adverse effects, and perform and monitor emergency and critical care treatment. It is the most comprehensive and detailed book available on these subjects, addressing the needs and concerns of practitioners in both hospital and field settings. Discusses all aspects of equine anesthesia, including history, physiology, pharmacology, drug dosages, patient preparation, induction-maintenance-recovery of anesthesia management of potential complications, and more. Provides a detailed review of the respiratory and cardiovascular physiology of the horse. Provides thorough coverage of preoperative pain management in horses. Covers emergency medical care and managing anesthetic complications in both hospital and field situations. Includes information on the latest anesthetic drugs, including safe and effective protocols for different procedures, and the most up-to-date monitoring techniques. Each contributor is a recognized expert in his or her respective equine specialty, renowned for clinical as well as academic and research expertise. A complete update of all drug information and pain management techniques. The very latest research findings and clinical applications of anesthetic agents and techniques. The most recent developments in post-anesthetic care and monitoring. A chapter on intravenous anesthetic and adjuncts to inhalation anesthesia. A chapter on anesthesia and analgesia for donkeys and mules. A chapter on perioperative pain management. Many new illustrations as well as tables, graphs, boxes, key points, and summaries that make information instantly accessible.

Air Emissions from Animal Feeding Operations: Current Knowledge, Future Needs discusses the need for the U.S. Environmental Protection Agency to implement a new method for estimating the amount of ammonia, nitrous oxide, methane, and other pollutants emitted from livestock and poultry farms, and for determining how these emissions are dispersed in the atmosphere. The committee calls for the EPA and the U.S. Department of Agriculture to establish a joint council to coordinate and oversee short - and long-term research to estimate emissions from animal feeding operations accurately and to develop mitigation strategies. Their recommendation was for the joint council to focus its efforts first on those pollutants that pose the greatest risk to the environment and public health.

Sonography is a noninvasive diagnostic method that has gained an established place in many branches of medicine. Although the inability of ultrasound to penetrate bone delayed its application in the orthopedic field, the successful work of R. Graf in the early detection of pediatric hip disorders with ultra sound has served as an impetus for the increasing use of sonogra phy to detect and evaluate abnormalities of the musculoskeletal system. It is certain that further advances in this modality will be forth coming, and that sonography will be applied to new lines of inves tigation in orthopedic diagnosis. In Arthrosonography the authors use concise text and copious illustrations to demonstrate the potential applications of articular ultrasound, its diagnostic capabilities, and technical aspects of the ultrasound examination. Potential pitfalls are also explained. This book is the logical outcome of the application of diagnos tic ultrasound in orthopedics and rheumatology. It covers all basic practical aspects of arthrosonography and will be a valued re source for those concerned with the evaluation of the musculo skeletal system. HANS RETTIG Contents Introduction 1 The Piezoelectric Effect - The Basis of Modern Sonography 1 Ultrasound Techniques. 1 General Principles of Diagnostic Ultrasound 2 Landmarks for Arthrosonography 6 Artifacts 6 Reverberations 7 Hyperbolic Artifacts . . 7 Acoustic Mirror Image . 8 Special Phenomena in Arthrosonography 8 "Wandering Echo" Phenomenon . .

Diagnosis and Management of Lameness in the Horse - E-Book

Equine Dermatology - E-Book

Equine Podiatry

A Guide for Veterinary Students, Residents, Clinicians, Pathologists, and Biological Researchers

Blackwell's Five-Minute Veterinary Consult

This is an indispensable reference for equine veterinary practitioners, veterinary students, and others involved in breeding and keeping horses. This new edition has been fully revised, updated and re-written in a more user-friendly style and format with the inclusion of high quality line drawings and photographs to aid understanding. Also, a conscious decision was made to use generic drug names making this as relevant as possible for everybody working in the equine field all over the world. Listing of haematological, biochemical, physiological and therapeutic data in 1 volume, produced with the final year vet student and recent graduate in mind Indispensable reference for equine veterinary practitioners, veterinary students, and others involved in breeding and keeping horses Includes dosages and adverse reactions as recommended by the manufacturers in their data sheets and literature inserts (unless otherwise stated) SI units and generic names used throughout; all proprietary names from the drugs are removed to make this book relevant to everybody working in the equine field all over the world, whether vet student or equine specialist Includes the main drugs available today ~ Full colour design introduced throughout All drugs and dosages reviewed and updated, along with regulatory updates Wound dressings and suturing sections thoroughly modernized Major revision of clinical techniques section, including field anaesthesia, dealing with the difficult horse and restraint methods. New algorithmic approach clarifies and updates emergency procedures, wound management, disease control protocols and more. All clinical techniques reviewed and updated. Second edition now available in handy interactive app format for extra-quick point-of-care reference.

This text provides an overview of the applications of diagnostic ultrasonography in the horse. It discusses the normal anatomical relationships from an ultrasonographic perspective, the techniques utilized to obtain ultrasonographic images, and the lesions or injuries which can be imaged through ultrasound. The use of ultrasonographic information to develop a prognosis and follow the progress of the case is also addressed.

Injection Procedures

Equine Diagnostic Ultrasound

Equine Fracture Repair

The Necropsy Book

Monitoring and Emergency Therapy