

Equine Surgery

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

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

The book defines the set of complex surgical procedures commonly performed in horses. This edition has been expanded to cover soft tissue procedures applicable in both racing stock and pet animals. The authors are internationally-known equine surgeons who themselves have developed many of the techniques discussed in the text.

This unique resource provides the most up-to-date, in-depth coverage of the basic and clinical sciences required for management of the equine athlete. The unique treatment of exercise physiology and training within a clinical context, together with a detailed review of all diseases affecting athletic horses, makes this the most comprehensive text available. Provides a thorough grounding in the basic physiology of each body system, and in particular the responses of each body system to exercise and training. The internationally renowned team of contributors has created the ultimate reference for veterinarians, students, horse-owners, and all those involved in the world of equine athletics. High quality artwork, including relevant radiographic, ultrasonographic, CAT scan, and MRI images, aid understanding and diagnosis Provides a truly international perspective, including guidelines pertinent to different geographic areas, and racing jurisdictions In-depth coverage of the role of the veterinarian in the management of athletic horses Explores the use of complementary therapies

Equine Fracture Repair

Equine Neonatal Medicine and Surgery E-Book

Basic and Clinical Sciences of the Equine Athlete

Standing Surgery, An Issue of Veterinary Clinics of North America: Equine Practice,

The most comprehensive text available on equine surgery, this book prepares the veterinary surgeon for managing each surgical condition by understanding its pathophysiology and evaluating alternative surgical approaches. Explanations describe how to avoid surgical infections, select and use instruments, and perfect fundamental surgical techniques including incisions, cautery, retractions, irrigation, surgical suction, wound closure, 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

This issue explores the latest techniques and advances in standing surgery. Articles will cover topics such as anesthesia and analgesia, laparoscopic techniques and instrumentation, ophthalmic surgery, dental surgery, sinus surgery, upper airway surgery, urogenital surgery, orthopedic surgery, and more!

Turner and McIlwraith's Techniques in Large Animal Surgery, Fourth Edition is an updated version of the classic resource for step-by-step instruction on basic surgical techniques in cattle, horses, swine, goats, and llamas. With detailed linedrawings to demonstrate the principles discussed, the book addresses general aspects of surgery such as anesthesia and equipment and provides descriptions of surgical conditions and techniques commonly encountered in large animal practice. Now including a website with interactive review questions and the figures from the book in PowerPoint, the Fourth Edition is a highly practical, reliable guide for veterinary students and veterinary practitioners with a large animal caseload. The Fourth Edition includes eight new techniques and completely rewritten chapters on anesthesia, equine wound management, and surgical techniques in bovine and swine patients, as well as revisions to reflect advances throughout the book and updated references. Turner and McIlwraith's Techniques in Large Animal Surgery continues to supply students and practitioners alike with a valuable resource on the fundamental techniques of farm animal surgery.

As use of laparoscopy by equine surgeons continues to expand and replace more invasive evaluation techniques, a definitive, detailed resource on laparoscopy is essential. Equine Diagnostic and Surgical Laparoscopy offers a well-illustrated, step-by-step approach to specific laparoscopic procedures. An in-depth description of each procedure is accompanied by abundant photographs, line drawings, and over 100 color laparoscopic images to clearly illustrate the technique in an atlas format.

Equine Geriatric Medicine and Surgery

Laser Surgery in Veterinary Medicine

Equine Lameness for the Layman

Exercises in Equine Surgery

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.

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 title allows users to effectively diagnose and treat any acute disease of the stomach, intestines, peritoneum, liver, and abdominal wall. Its authorship includes over 20 internationally recognized experts that provide critical information needed by practitioners for management of abdominal diseases. This informative resource provides a thorough discussion of normal and abnormal anatomy and physiology. Surgical techniques are broken down into an easy-to-read step-by-step format. This highly visual presentation, with over 410 illustrations, is a necessary edition to an equine practitioner's library. Published by Teton New Media in the USA and distributed by Manson Publishing outside of North America.

This book is a state-of-the-art reference to using surgical lasers to treat animal patients. Encompassing theory and practice, it emphasizes procedures, techniques, and equipment, with specific recommendations for laser settings. While most of the procedures emphasize surgeries on dogs and cats, this practical guide also dedicates chapters to equine, small mammal, avian, aquatic animal, and reptile surgeries, making it an excellent clinical reference for any busy veterinarian. The book begins with background information on the theory and science of laser surgery, then details specific surgical procedures with step-by-step instructions and accompanying photographs. The next section provides practical guidance for incorporating lasers into the veterinary practice, and the final section offers a look at the future of lasers in veterinary medicine and surgery. A companion website features video clips of surgery procedures. Presents a state-of-the-art guide to using laser surgery in veterinary practice, from theory and procedures to techniques and equipment Focuses on dogs and cats, including specialties such as ophthalmic laser surgery, laser neurosurgery, and photodynamic therapy, with chapters on equine, small mammal, avian, aquatic animal, and reptile surgeries Draws on the experience of more than 20 experts in various areas Provides practical advice for incorporating laser surgery into the veterinary practice, with the heart of the book devoted to specific surgical procedures Includes specific recommendations for laser settings and techniques for the procedures discussed Offers video clips demonstrating surgical techniques on a companion website Laser Surgery in Veterinary Medicine is an essential resource for anyone using surgical lasers in veterinary medicine, including veterinary students, practitioners, and specialists.

Equine Podiatry

Joint Disease in the Horse

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

Manual of Equine Reproduction - E-Book

This title is directed primarily towards health care professionals outside of the United States. Equine Respiratory Medicine and Surgery provides up-to-date, in-depth coverage of the diagnosis and management of respiratory disorders in the horse. It discusses respiratory physiology and examination techniques, as well as a review of the medical and surgical problems that may be encountered, organized anatomically and progressing in logical fashion from the upper airways, larynx and sinuses, through the lower airways, the lungs, and diaphragm. Common conditions covered include infections, allergy, trauma, cysts, and tumors. High quality artwork, including relevant radiographic and ultrasonographic images, CAT scans, MRI images, and color photographs aid understanding and diagnosis. A truly international perspective includes guidelines for different geographic areas and racing jurisdictions. Features in-depth coverage of the role of the veterinarian in the management of athletic horses with respiratory tract diseases.

This system-oriented text provides current information on surgical diseases and lameness in horses and builds on basic knowledge by providing an update on topics which have changed or are new during recent years. Each chapter gives a brief review of the topic followed by a synopsis of the latest information including diagnostic skills, surgical techniques, or a new therapeutic protocol. Contains updates on lameness, current recommended dose information, an extensive review of eye surgery, the latest information in skin tumor therapy and much more. Features over 250 new, high-quality illustrations!

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

Lameness is the most common cause of poor performance in the horse. This makes management of his soundness over the long-term integral to both his general well-being and his ability to participate in recreational and competitive activities.

Unfortunately, most equine caretakers are unable to perceive abnormal movement in the horse, extending the period between the onset of a problem and its eventual treatment, and the longer an issue is allowed to persist, the greater the chance that it will progress. Many equine veterinarians also find it difficult to visually decipher lameness, which leads to lengthy, expensive, and often inaccurate diagnostic work-ups. It is with these two key audiences in mind that Dr. Bob Grisel has created a book unlike any other. With hundreds of illustrations, dozens of charts, and links to online videos of explanatory case studies, readers are given a complete course in observing, identifying, and decoding equine lameness. Dr. Grisel helps you interpret what is seen, plain and simple (no need for medical knowledge of equine anatomy and pathology). Whether first-time horse owner or seasoned professional, you are guaranteed to come away with a detailed, systematic, and comprehensive method for a happier, healthier equine partner.

Equine Respiratory Medicine and Surgery

Advances in Equine Upper Respiratory Surgery

Atlas of Equine Surgery

Practical Guide to Equine Colic

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

Equip yourself for success with the only book on the market that covers all aspects of equine surgery! Equine Surgery, 5th Edition prepares you to manage each surgical condition by understanding its pathophysiology and evaluating alternative surgical approaches. Explanations in the book describe how to avoid surgical infections, select and use instruments, and perfect fundamental surgical techniques including incisions, cautery, retractions, irrigation, surgical suction, wound closure, dressings, bandages, and casts. In addition to diagnostic imaging and orthopedic coverage, it includes in-depth information on anesthesia, the integumentary system (including wound management, reconstructive surgery, and skin grafting), the alimentary system, respiratory, and urogenital systems. Complete coverage of all the information needed to study for the American and European College of Veterinary Surgeons Board Examinations makes this edition an excellent study tool. Section on anesthesiology and pain management prepares you to manage these critical aspects of any surgery. Extensive, up-to-date orthopedic coverage includes joint disorders and joint trauma. Section on integumentary system contains information on wound management, reconstructive surgery, and skin grafting. Section on the alimentary system covers postoperative care, complications and reoperation guidelines. New techniques in vascular surgery keep you up-to-date with best practices. NEW! Expert Consult site offering 40+ videos of surgeons performing techniques so that you can quickly access drug and equipment information. NEW! Expansion of minimally invasive surgical techniques includes laser ablation procedures, implantation of plates against bones in orthopedic procedures, and laparoscopic procedures for soft tissue injuries. NEW! World-renowned contributors, featuring two new associate editors include over 70 of the most experienced and expert equine specialist surgeons, each providing current and accurate information. NEW! Current advances in imaging detect musculoskeletal conditions in the sports horse.

Here's a brilliantly illustrated new atlas of common and frequently performed equine surgical techniques. 135 detailed illustration plates show readers exactly how to perform each procedure. Concise discussions of issues ranging from indications and anesthesia to results and post-operative care complement the artwork.

Equine Sports Medicine and Surgery provides the most up-to-date, in-depth coverage of the basic and clinical sciences required for management of the equine athlete. The unique treatment of exercise physiology and training within a clinical context, together with detailed review of all diseases affecting athletic horses, makes this the most comprehensive text available. The book will provide a thorough grounding in the basic physiology of each body system, and in particular the responses of each body system to exercise and training, that will be separate, but highly relevant to, the succeeding sections on clinical disorders of each body system. The highly respected editors have brought together an internationally renowned team of 50 contributors, producing the ultimate reference for veterinarians, students, horse-owners, and all those involved in the world of equine athletics. High quality artwork, including relevant radiographic, ultrasonographic, CAT scan, and MRI images, aid understanding and diagnosis Provides a truly international perspective, including guidelines pertinent to different geographic areas, and racing jurisdictions In-depth coverage of the role of the veterinarian in the management of athletic horses Explores the use of complementary therapies ~

Equine Clinical Medicine, Surgery and Reproduction

Equine Surgery - E-Book

Equine Stud Farm Medicine and Surgery

Equine Sports Medicine and Surgery

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!

A groundbreaking reference on complications associated with equine surgical procedures *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.

Advances in Equine Upper Respiratory Surgery is a comprehensive, up-to-date reference on surgical techniques in the upper respiratory tract in the horse, presenting theory and background as well as detailed procedures. Part of the *Advances in Veterinary Surgery* series copublished with the ACVS Foundation, the book covers the most common upper respiratory diseases, with in-depth information on laryngeal hemiplegia and dorsal displacement of the soft palate. Providing a complete resource, the book reflects the current state of the art, offering a significant update on disorders of the nasal septum, nasal passage, paranasal sinuses, hard and soft palate, epiglottis, arytenoids, guttural pouch, and trachea in the horse. The book includes 200 images illustrating key points of each surgical procedure. Potential complications and expectation management are discussed alongside the technique information. *Advances in Equine Upper Respiratory Surgery* is a useful reference for those in clinical practice and surgical residents. Offers an evidence-based state-of-the-art reference on surgical procedures in the equine upper respiratory tract Part of the *Advances in Veterinary Surgery* series published in association with the ACVS Foundation Presents practical techniques for clinical practice alongside the theory and background Well-illustrated throughout with images demonstrating the procedures discussed Covers all common upper respiratory disorders, including laryngeal hemiplegia and dorsal displacement of the soft palate Provides essential information for managing the case, including potential complications and expectation management

Accompanying DVD-ROM includes ... "more than 30 video clips demonstrating key procedures; customizable, printable client discharge summaries."--P. [4] of cover.

Tools for Prompt Recognition, Accurate Assessment, and Proactive Management

Equine Medicine, Surgery and Reproduction

Equine Surgery, Advanced Techniques

Advanced Techniques

This practical, hands-on guide addresses all aspects of equine reproduction and breeding. Introductory chapters review key aspects of stud farm design and equine nutrition, evaluating how these factors affect the health of horses and foals. Detailed chapters discuss the stallion and mare, conception, parturition, the health of the foal, and other essential topics. Both medical care and surgery are covered in detail, with extensive full-color illustrations designed to help the veterinarian diagnose and treat all conditions relevant to equine reproduction.

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.

Now in full color, Manual of Equine Reproduction, 3rd Edition provides a comprehensive look at the reproductive management of horses, including management of stallions, pregnant mares, and neonatal foals.

Expert authors use a concise, practical approach in discussing improved therapies and treatments in equine breeding. You'll enhance your skills and knowledge with this book's detailed coverage of techniques used in reproductive examination, breeding procedures, pregnancy diagnosis, foaling, and reproductive tract surgery. A clinical emphasis includes a step-by-step format of possible scenarios from conception to breeding management. Practical information includes topics such as breeding with transported cooled or frozen semen, and caring for the broodmare and newborn foal. The organization of material corresponds to the course of study in veterinary school, so you can find topics easily. Chapter objectives and study questions at the beginning of each chapter guide you through the material and provide clear learning goals. Evaluation of Breeding Records chapter covers the importance of breeding records, and how to use them to evaluate stallion performance and optimize fertility. References are listed at the end of each chapter for further research and study. Full-color photographs and illustrations clearly depict procedures, and all drawings have been redrawn and improved. NEW Assisted Reproductive Technology chapter goes beyond embryo transfer. Updated content includes the latest advances in therapies and treatments. New content is added to two chapters, Reproductive Physiology of the Nonpregnant Mare and Manipulation of Estrus in the Mare. Thorough coverage of every aspect of equine reproduction provides a strong foundation for success in veterinary practice, including a discussion of the use of GnRH-analog deslorelin (Ovuplant) to hasten ovulation; aseptic technique for endometrial biopsy; use of transabdominal ultrasonography, especially in early pregnancy; determination of fetal gender by transrectal ultrasonography; aspiration testicular biopsy using a spring-loaded biopsy instrument; and procedure for surgical embryo transfer.

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 analgesic 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.

Diagnostic and Surgical Arthroscopy in the Horse - E-Book

Equine Medicine, Surgery and Reproduction - E-Book

McIlwraith and Turner's Equine Surgery

Turner and McIlwraith's Techniques in Large Animal Surgery

*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.*

Practical Guide to Equine Colic takes a step-by-step clinical approach to the medical management of this common condition. Covering colic management and treatment from the veterinarian's first involvement through referral, surgical intervention, and long-term recovery, the book offers practical advice on managing a colic case. Designed for easy navigation, chapters are brief and fully cross-referenced, allowing the reader to quickly find and apply information in the practice setting. The book incorporates key points, checklists, clinical tips, step-by-step illustrations, and case examples, emphasizing clinically relevant information throughout and referencing the most applicable and up-to-date literature. A companion website offers clinical cases, quizzes, and videos at www.wiley.com/go/southwood. Practical Guide to Equine Colic is an ideal resource for daily use in treating horses with colic, appealing to students, equine practitioners, and specialists alike.

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

The most comprehensive reference available on equine surgery, this book prepares the veterinary surgeon for managing each surgical condition by understanding its pathophysiology and evaluating alternative surgical approaches. Explanations describe how to avoid surgical infections, select and use instruments, and perfect fundamental surgical techniques including incisions, cautery, resections, irrigation, surgical suction, wound closure, dressings, bandages, and casts. World-renowned contributors include over 70 of the most expert equine specialist surgeons, each providing current and accurate information. Complete coverage of all information needed to study for the American and European College of Veterinary Surgeons Board Examinations makes this edition an excellent study tool. Section on anesthesiology and pain management prepares you to manage these critical aspects of any surgery. Extensive, up-to-date orthopedic coverage includes joint disorders and joint trauma. Section on integumentary system contains information on wound management, reconstructive surgery, and skin grafting. Section on the alimentary system covers postoperative care, complications and reoperation guidelines. New techniques in vascular surgery keep you current on best practices. The most comprehensive text on equine surgery focuses on diagnosis and treatment to provide equine practitioners with the information they need to effectively manage and surgically treat equine disorders. Broad collection of high-quality images that were taken by the contributors during surgical procedures to provide the best instructions for other surgeons. NEW! More clinical detail on treatment, diagnosis, and procedures offers more practical information for the general equine practitioner while providing an up-to-date resource for specialists. Minimally invasive surgery and regenerative medicine also have a more prominent role in this edition. NEW! Section on Diagnostic Imaging Examination includes chapters on Radiography, Ultrasonography, Nuclear Scintigraphy, Computed Tomography, and Magnetic Resonance Imaging. NEW! Completely updated sections including the Eye and Adnexa and Urinary System feature new authors and chapter content. NEW! Expanded section on The Musculoskeletal System includes all new chapters on Metallic Instruments and Implants, Management of Bursitis, and Postoperative Physiotherapy Surgery for the Orthopedic Patient. ALL NEW! Chapters on Regenerative Medicine, Chemical Restraint for Long Standing, Radiography, Ultrasonography, Nuclear Scintigraphy, Computed Tomography, Metallic Instruments and Implants, Management of Bursitis, and Postoperative Physiotherapy for the Orthopedic Patient bring practitioners up to date with best practices.

Manual of Equine Field Surgery

Medicine and Surgery

Complications in Equine Surgery

Equine Acute Abdomen

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 condition 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

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.

Part of the *Advances in Veterinary Surgery* series copublished with the ACVS Foundation and Wiley-Blackwell, *Advances in Equine Laparoscopy* presents a state-of-the-art reference on laparoscopic skills and procedures in the horse. Chapters are written by the leading experts in the field, and each section includes a practical review of the published literature. Encompassing instrumentation, basic principles, and specific techniques, *Advances in Equine Laparoscopy* offers an up-to-date, reliable resource for comprehensive information about equine laparoscopy. This current, well-referenced text begins with a section on the fundamentals of laparoscopy, then moves into sections on the clinical application of laparoscopic techniques in the standing or recumbent horse. A companion website offers eight video clips demonstrating selected procedures at www.wiley.com/go/ragle. *Advances in Equine Laparoscopy* is an invaluable guide for equine surgical specialists and equine clinicians interested in laparoscopic techniques.

Equine Anesthesia

Current Techniques in Equine Surgery and Lameness

Equine Ophthalmology

Advances in Equine Laparoscopy