
Equine Radiographic Positioning Guide

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Clinical Radiology of the Horse John Wiley & Sons
Practical Veterinary Diagnostic Imaging is an essential and practical guide to the various diagnostic

imaging modalities that are used in veterinary practice. It moves from basic mathematic and physical principles through to discussion of equipment and practical methods. Radiographic techniques for both small and large animals are covered. There is a separate chapter devoted to ultrasound, as well as discussion of advanced imaging techniques such as fluoroscopy, computerised tomography and magnetic

resonance imaging. The book also covers legislation and safety issues in the context of their impact on the veterinary practice. Presented with clear line diagrams and photographs, *Practical Veterinary Diagnostic Imaging* also provides revision points and self-assessment questions in each chapter to aid study. It is an ideal guide for student and qualified veterinary nurses. It is also a useful reference for veterinary students and veterinarians in general practice who want a basic guide to radiography and other imaging modalities. **KEY FEATURES** Everything you need to know about diagnostic imaging in veterinary practice in a language you can easily understand The basic principles of physics presented in simple terms Improves your positioning techniques with practical tips for best practice Clear guidance on the use of digital imaging to improve image quality and reduce radiation doses to patients Companion website with

additional resources (available at www.wiley.com/go/easton/diagnosticimaging)

Veterinary Technician's Daily Reference Guide John Wiley & Sons

Compartment syndrome is a complex physiologic process with significant potential harm, and though an important clinical problem, the basic science and research surrounding this entity remains poorly understood. This unique open access book fills the gap in the knowledge of compartment syndrome, re-evaluating the current state of the art on this condition. The current clinical diagnostic criteria are presented, as well as the multiple dilemmas facing the surgeon. Pathophysiology, ischemic thresholds and pressure management techniques and limitations are discussed in detail. The main surgical management strategy, fasciotomy, is then described for both the upper and lower extremities, along with wound care. Compartment syndrome due to patient positioning, in children and polytrauma patients,

and unusual presentations are likewise covered. Novel diagnosis and prevention strategies, as well as common misconceptions and legal ramifications stemming from compartment syndrome, round out the presentation. Unique and timely, *Compartment Syndrome: A Guide to Diagnosis and Management* will be indispensable for orthopedic and trauma surgeons confronted with this common yet challenging medical condition.

Diagnosis and Management of Lameness in the Horse

Elsevier Health Sciences
Patient Care in Radiography helps you acquire and refine both the technical and interpersonal skills you need to provide quality patient care in the clinical environment. Because patient care is involved in virtually

every aspect of imaging, high-quality patient care is just as important as your competent performance of procedures. In *Patient Care in Radiography*, patient care is integrated with procedural skills throughout the text, ensuring that you know how to provide the best care for every patient you encounter. Skills that are imperative for quality patient care in radiography, such as safety, transfer, and positioning; infection control; and patient assessment are emphasized. You'll find full coverage of introductory topics, as well as key information on microbiology, emerging diseases,

transcultural
communication, ECGs,
administration of
medications, and
bedside radiography.

Compartment

Syndrome John Wiley
& Sons

Interpret

diagnostic images
accurately with

Diagnostic

Radiology and

Ultrasonography of
the Dog and Cat,
5th Edition.

Written by

veterinary experts

J. Kevin Kealy,

Hester McAllister,

and John P. Graham,

this concise guide

covers the

principles of

diagnostic

radiology and

ultrasonography

and includes clear,

complete

instruction in

image

interpretation. It

illustrates the

normal anatomy of

body systems, and

then uses numbered

points to describe

radiologic signs of

abnormalities. It

also includes

descriptions of the

ultrasonographic

appearance of many

conditions in dogs

and cats. Updated

with the latest on

digital imaging,

CT, MR, and nuclear

medicine, and

showing how to

avoid common errors

in interpretation,

this book is

exactly what you

need to refine your

diagnostic and

treatment planning radiographic skills! - Hundreds of detailed radiographs and ultrasonograms clearly illustrate principles, aid comprehension, and help you accurately interpret your own films. - The normal anatomy and appearance for each body system is included so you can identify deviations from normal, such as traumatic and pathologic changes. - Coverage of the most common disorders associated with each body system help you interpret common and uncommon problems. - Coverage of radiographic principles and procedures includes density, contrast, detail, and technique, so you can produce the high-quality films necessary for accurate diagnosis. - Clinical signs help you arrive at a clinical diagnosis. - An emphasis on developing a standardized approach to viewing radiographs and ultrasonograms ensures that you do not overlook elements of the image that may affect proper diagnosis. - Complete coverage of diagnostic

imaging of small animals includes all modalities and echocardiography, all in a comprehensive, single-source reference. - Discussions of ultrasound-guided biopsy technique help you perform one of the most useful, minimally invasive diagnostic procedures. - Single chapters cover all aspects of specific body compartments and systems for a logical organization and easy cross-referencing. - Coverage of different imaging modalities for

individual diseases/disorders is closely integrated in the text and allows easier comprehension. - A consistent style, terminology, and content results from the fact that all chapters are written by the same authors.

Equine Exercise Physiology
Elsevier Health Sciences
This new volume in the Handbook of Sports Medicine and Science series, published in conjunction with the Medical Commission of the International Olympic Committee, offers comprehensive and practical guidance on the training and medical care of competitive gymnasts. Written and edited by leading trainers, team doctors, coaches and other

professionals with unparalleled experience in elite gymnastics, this book covers all the key aspects of caring for gymnasts, minimizing the unique risks these athletes face, and treating injuries when they happen. The book is organized into 4 sections covering: The evolution of gymnastics Growth and development Training and performance Sports medicine Individual chapters cover key topics such as energy needs and body weight management; biomechanics; psychology; the epidemiology of gymnastic injuries; treatment and rehabilitation of common injuries; injury prevention; and more. Endorsed by the International Gymnastics Federation (FIG), no other book offers such an in-depth look at the unique considerations and challenges that affect the growth, performance, training, and medical care of athletes in this

demanding sport. Radiography of the Dog and Cat John Wiley & Sons 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. **AAEVT's Equine Manual for Veterinary Technicians** John Wiley & Sons This practical and highly illustrated guide is an essential resource for veterinarians seeking to improve their understanding and use of computed tomography (CT) in practice. It provides a thorough grounding in CT technology, describing the underlying physical principles as well as the different types of scanners. The book also includes principles of CT examination such as guidance on positioning and how to achieve a good image quality. Written by specialists from twelve countries, this book offers a broad range of expertise in veterinary computed tomography, and is the first

book to describe the technology, methodology, interpretation principles and CT features of different diseases for most species treated in veterinary practice. Key features

- An essential guide for veterinarians using CT in practice
- Includes basic principles of CT as well as guidelines on how to carry out an effective examination
- Describes CT features of different diseases for most species treated in practice
- Written by a range of international leaders in the field
- Illustrated with high quality photographs and diagrams throughout

Equine Fracture Repair Elsevier Health Sciences

Clinical Radiology of the Horse is the best-selling, practical guide to all areas of equine radiography and radiology written by an experienced group of clinicians with a broad range of

backgrounds. Offers an atlas of normal and clinical images, as well as a comprehensive guide to techniques, equipment, positioning, and interpretation for general veterinary practitioners and specialists in imaging and orthopaedics

Updates to this fourth edition fully reflect the move to digital imaging with many new figures in the book and major revisions to the chapters on the head, thorax, and abdomen

Contains expanded coverage of the foot, pastern, and fetlock (now in separate chapters)

Includes a password-protected website with all the images from the book as well as over 200 additional images with examples of more subtle lesions, more fractures, correct technique and positioning versus incorrect, immature horses, progression of disease, and pathological images

Diagnostic Radiology and Ultrasonography of the Dog and Cat Mosby

This comprehensive book describes in detail how nuclear medicine and

radiology can meet the needs of the sports medicine physician by assisting in precise diagnosis, clarification of pathophysiology, imaging of treatment outcome and monitoring of rehabilitation. Individual sections focus on nuclear medicine and radiologic imaging of injuries to the head and face, spine, chest, shoulder, elbow and forearm, wrist and hand, pelvic region, knee, lower leg, ankle and foot. The pathophysiology of sports injuries frequently encountered in different regions of the body is described from the perspective of each specialty, and the potential diagnostic and management benefits offered by the new hybrid imaging modalities – SPECT/CT, PET/CT, and PET/MRI – are explained.

In addition, a range of basic and general issues are addressed, including imaging of the injuries characteristic of specific sports. It is hoped that this book will promote interdisciplinary awareness and communication and improve the management of injured recreational or elite athletes.

Veterinary Computed Tomography John Wiley & Sons
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.

Manual of Equine
Emergencies John Wiley &
Sons

It is with pleasure that we offer these introductory remarks for the *Manual of Internal Fixation in the Horse*, a book describing a further application of AO or ASIF techniques. The letters A-O stand for the *Arbeitsgemeinschaft für*

Osteosynthesefragen and have been translated into the Association for the Study of Internal Fixation. The organization is truly a "study group", created in Switzerland, that met for the first time in 1958. The major goal was to establish a task of fracture treatment by force committed to the improvement of osteosynthesis. The group's motivation arose out of the then prevailing unsound or inconsistently successful attempts at fracture treatment. According to statistics obtained from the Swiss National Health Insurance Program at the time, the so-called conservative treatment of fractures had resulted in a high rate of persistent morbidity. The problems encountered included: irreparable damage due to

long-term immobilization; delayed union or pseudoarthrosis; malalignment; and, inadequate reduction of intraarticular fractures with resultant osteoarthritis. Accurate, stable osteosynthesis seemed the only practical way to address those various shortcomings. However, many of the osteosyntheses performed at that time had led to new problems, since most were not stable and, in some cases, actually worked to prevent healing.

Equine MRI John Wiley & Sons
Die Autorinnen beginnen mit einer umfangreichen Darstellung radiografischer Bilder sowohl des Knochenbaus wie auch der Weichteile, um anschließend eine Reihe von Aufnahmen zu erläutern, die unter Verwendung von Kontrastmitteln entstanden. Sowohl Studierende als auch Praktiker dürften die

Unterschiede in der Anatomie von verschiedenen Altersgruppen und Rassen beeindrucken. Die Autoren vermitteln überzeugend, welche anatomischen Eigenschaften als normal gelten dürfen und welcher Befund veterinärmedizinisches Eingreifen erfordert. Immer an der tierärztlichen Praxis orientiert, werden häufige Fallstricke benannt und Hinweise zu Diagnose und Interpretation der Röntgenbilder gegeben. 50 Abbildungen sind in der Neuauflage hinzugekommen, die Qualität vieler Abbildungen wurde verbessert. Beide Autorinnen sind seit den 80er-Jahren intensiv mit der kleintierärztlichen Radiologie befasst. Studenten und Tierärzte lernen hier von zwei erfahrenen Spezialistinnen, die die tierärztliche Praxis genau kennen.

Atlas of Normal Radiographic Anatomy and Anatomic Variants in the Dog and Cat - E-Book John Wiley & Sons
Important Notice: Media

content referenced within the product description or the product text may not be available in the ebook version.

Handbook of Sports Medicine and Science Elsevier Health Sciences

Radiography of the Dog and Cat: Guide to Making and Interpreting Radiographs offers a comprehensive guide to producing high-quality radiographs and evaluating radiographic findings. Equally useful as a quick reference or for more in-depth information on specific diseases and disorders, the book is logically organized into sections describing how to make high-quality radiographs, normal radiographic anatomy, and interpretation of radiographic abnormalities. It is packed with checklists for systematic evaluation, numerous figures and line drawings, and exhaustive lists of differential diagnoses, resulting in an especially practical guide for the radiographic procedures performed in everyday practice. Written in a streamlined, easy-to-

read style, the book offers a simple and fresh approach to radiography of the dog and cat, correlating physics, physiology, and pathology. Coverage includes patient positioning, contrast radiography, normal and abnormal radiographic findings, and differential diagnoses as they pertain to musculoskeletal, thoracic, and abdominal structures. Radiography of the Dog and Cat: Guide to Making and Interpreting Radiographs is a one-stop reference for improving the quality and diagnostic yield of radiographs in your clinical practice.

Equine Respiratory Diseases

John Wiley & Sons

Small Animal Dental Procedures for Veterinary Technicians and Nurses, 2nd Edition brings together all aspects of canine, feline, and exotic animal dentistry for veterinary technicians and nurses. Offering complete coverage of all aspects of dental treatment for dogs, cats, and exotic pets, the book describes techniques for veterinary technicians providing dental care. The new edition

includes brand new information on digital radiology, plus updates to current protocols and improved images throughout the book. The chapters contained within include in-depth coverage of all stages of small animal dental care, including:

- Anesthesia
- Radiology
- Dental cleaning
- Common diseases and treatment
- Equipment needs and maintenance
- Exotic dentistry

Small Animal Dental Procedures for Veterinary Technicians and Nurses includes access to a companion website that provides video clips, review questions, training exercises, forms, and editable glossaries. This book is an essential and invaluable resource for any veterinary technology student, veterinary technician or nurse regularly or occasionally engaged in small animal dental care.

Textbook for the Veterinary Assistant Elsevier Health Sciences

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.

A Practical Guide to Equine Radiography Elsevier Health Sciences
Small Animal Radiographic Techniques and Positioning is a practical, clinically applicable manual designed to aid veterinary technicians and nurses in correcting common artifacts in both film and digital radiography and in positioning the small animal patient for clear and consistent radiographs.

Detailed positioning techniques are provided for each commonly radiographed body segment, including positioning aids, alternative restraint methods, and examples of the corresponding correct or incorrect radiographs. Species covered include dogs, cats, birds, and common exotics. The book begins with an overview of radiographic technique, darkroom maintenance, digital and film-screen imaging, then offers a section on small animal positioning, including some exotic species positioning techniques, with the final section presenting information on contrast media and special contrast enhanced procedures. A companion website provides the images from the book in PowerPoint and study questions and answers at

www.wiley.com/go/ayers. Highly illustrated, *Small Animal Radiographic Techniques and Positioning* is a complete resource for any veterinary technician or student to quickly find imaging information and improve the clarity of small animal radiographs. *Practical Veterinary Diagnostic Imaging Elsevier Health Sciences Essentials of Clinical Anatomy of the Equine Locomotor System* presents a unique photographic record of dissections showing the topographical anatomy of the locomotor system of the horse. Readers of this book will be able to see the position and relationships of the bones, joints, muscles, nerves and blood vessels that make up each region of the forelimb, vertebral column and

hindlimb. Key features: Important features of regional and topographical anatomy are presented using full-color photos of detailed dissections Anatomy is presented in a clinical context Preparations of cross-sectional anatomy facilitate interpretation of diagnostic imaging, such as ultrasonography, MRI images and CT scans All dissections are of fresh material, rather than preserved specimens, to demonstrate the appearance of tissues in the living animal, or at post mortem autopsy This new atlas is essential for anybody involved in detailed anatomical study, complex lameness evaluation or advanced imaging techniques in horses. It will be a useful guide for veterinary students, and a

reference for equine vets in practice. Adams and Stashak's Lameness in Horses John Wiley & Sons Equine exercise physiology is an area that has been subject to major scientific advances over the last 30 years, largely due to the increased availability of high-speed treadmills and techniques for recording physiological function during exercise. Despite these scientific advances, many riders and trainers are still using little more than experience and intuition to train their horses. The aim of this book is to sort the fact from the fiction for the benefit of those involved in training, managing or working with horses, and to provide an up-to-date summary of the state of play in equine exercise

physiology. Scientific theories are explained from first principles, with the assumption that the reader has no previous scientific background. The book is designed to save competitors and trainers a lot of time and effort trying to extract information in piecemeal fashion from a host of reference sources. For the first time, everything you need to know about exercising and training horses is here in one text.

Radiography in Veterinary Technology - E-Book John Wiley & Sons

This is a Pageburst digital textbook; the product description may vary from the print textbook. User-friendly and comprehensive, this essential resource covers all aspects of canine, feline, and equine diagnostic radiology and interpretation. It features relevant coverage of the

physics of radiology, CT, and MRI, as well as valuable information on patient positioning and management, radiographic technique and safety measures, normal and abnormal anatomy, radiographic viewing and interpretation, and alternative imaging modalities. This edition features more than 500 additional images, a new chapter on the principles of digital imaging, and expanded coverage of brain and spinal cord imaging. Features comprehensive, logically organized coverage of the latest advances in imaging techniques and interpretation for the dog, cat, and horse. A body systems approach presents information in a logical progression, covering skeletal versus soft tissue structures, normal anatomy, general radiographic changes, and the most common abnormalities affecting each particular system. Discussion of

the physics of radiology, CT, and MRI offers a better understanding of the radiographic process. An atlas of normal radiographic anatomy of the dog and horse offers a basis for comparison to assist in recognizing abnormal findings. Information on radiation safety highlights safety measures associated with ionizing radiation. A self-assessment section at the end of each chapter evaluates understanding of key concepts and clinical applications. High-quality radiographic images, illustrations, tables, and charts throughout clarify important concepts and interpretative principles. A new chapter on Digital Images and Digital Radiographic Image Capture (Chapter 2). Updated and expanded coverage of brain and spinal cord imaging, including CT and MRI. More than 500 additional radiographic images that clarify key concepts.