

## Textbook Of Veterinary Diagnostic Radiology 6e

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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.

Confident radiographic interpretation presents a considerable challenge and the BSAVA Manual of Canine and Feline Radiography and Radiology provides a comprehensive review of the approach to radiological interpretation, the range of variants and the key fundamental principles and their application to common diseases. This Foundation Manual replaces the classic BSAVA Manual of Small Animal Diagnostic Imaging as an introduction for veterinary students, nurses and new graduates. The Manual features high quality radiographic reproductions demonstrating normal anatomy and key aspects of interpretation, as well as illustrations showing patient positioning and the practical approach that is the hallmark of the BSAVA Manuals.

The new edition of the hugely successful Emergency Procedures for the Small Animal Veterinarian gives you all the information you need to form a diagnosis quick and accurately, establish a prognosis and recommend treatment for a patient suffering and illness, injury or toxic event. Easy-to-read bullet-point text gives quick access to the most essential information needed to treat emergency cases quickly and efficiently. Loads of practical appendices of commonly used drugs and supplements, drugs in special circumstances (e.g. safe drugs in pregnancy, drugs to avoid in renal failure, etc.), clinical chemistry and laboratory data, conversion tables, and many more, are included for easy reference to essential data. With step-by-step coverage of cardiopulmonary emergencies, trauma gastrointestinal emergencies, toxicological events, a greatly expanded chapter on exotic pets, and much more, Emergency Procedures for the Small Animal Veterinarian gives you the facts you need to help you save more lives faster! All you need to know to manage every small animal emergency case you will encounter Many excellent and practical appendices of drugs, poisons, lab data, haematology Takes the diagnosis-prognosis-treatment approach to every emergency situation Easy-to-access format, with concise text and lots of lists Divided into organ systems, making it easy to locate information in a hurry Handy information on what to tell the owner in emergency injury situations Expanded chapter on Emergencies in Exotic Species Text updated throughout Information on drugs is updated New cover design to make the new edition stand out Flexicover to protect the book against heavy usage - this is not a book that will remain on the shelves

Handbook of Small Animal Radiological Differential Diagnosis E-Book

Guide to Making and Interpreting Radiographs

Christensen's Physics of Diagnostic Radiology

Diagnostic Radiology and Ultrasonography of the Dog and Cat - E-Book

Small Animal Pediatrics - E-Book

*Written by veterinary technicians for veterinary students and practicing technicians, Lavin's Radiography for Veterinary Technicians, 5th Edition, combines all the aspects of imaging — including production, positioning, and evaluation of radiographs —into one comprehensive text. Completely updated with all new vivid, color equipment photos, positioning drawings and detailed anatomy drawings, this fifth edition is a valuable resource for students, technicians and veterinarians who need information on the latest technology or unique positioning. Broad coverage of radiologic science, physics, imaging and protection provide you with foundations for good technique. Positioning photos, radiographic images and anatomical drawings presented side-by-side with text explanation for each procedure increases your comprehension and retention. Objectives, key terms, outlines, chapter introductions and key points help you organize information to ensure you understand what is most important in every chapter. NEW! More than 1000 new full-color photos and updated radiographic images visually demonstrate the relationship between anatomy and positioning. NEW! All-new color anatomy art created by an expert medical illustrator help you to recognize and avoid making imaging mistakes. NEW! Non-Manual restraint techniques including sandbags, tape, rope, sponges, sedation and combinations improve your safety and radiation protection. NEW! Chapter on dental radiography aids general veterinarian techs and those specializing in dentistry. NEW! Increased emphasis on digital radiography, including quality factors and post-processing, keeps you up-to-date on the most recent developments in digital technology.*

*Veterinary Consult The Veterinary Consult version of this title provides electronic access to the complete content of this book. Veterinary Consult allows you to electronically search your entire book, make notes, add highlights, and study more efficiently. Purchasing additional Veterinary Consult titles makes your learning experience even more powerful. All of the Veterinary Consult books will work together on your electronic "bookshelf", so that you can search across your entire library of veterinary books. Veterinary Consult: It's the best way to learn! Book Description 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.*

*Equip yourself to make accurate diagnoses and achieve successful treatment outcomes with this highly visual comprehensive atlas. Featuring a substantial number of new high contrast images, Atlas of Normal Radiographic Anatomy and Anatomic Variants in the Dog and Cat, 2nd Edition provides an in-depth look at both normal and non-standard subjects along with demonstrations of proper technique and image interpretations. Expert authors Donald E. Thrall and Ian D. Robertson describe a wider range of "normal" as compared to competing books — not only showing standard dogs and cats, but also non-standard subjects such as overweight and underweight pets and animals with breed-specific variations. Every body part is put into context with a textual description to help explain why a structure appears as it does in radiographs, and enabling practitioners to appreciate variations of normal that are not included, based on an understanding of basic radiographic principles.*

*Radiographic images of normal or standard prototypical animals are supplemented by images of non-standard subjects exhibiting breed-specific differences, physiologic variants, or common congenital malformations. Images that depict a wider range of "normal" — such as images that detail the natural growth and aging characteristics of normal pediatric and senior animals — prevents clinical under- and over-diagnosing. In-depth coverage of patient positioning and radiographic exposure guidelines assist clinicians in producing the very best results. Unlabeled radiographs along side labeled counterparts clarifies important anatomic structures of clinical interest. High-quality digital images provide excellent contrast resolution and better visibility of normal structures to assist clinicians in making accurate diagnoses. Brief descriptive text and explanatory legends accompany all images to help put concepts into the proper context. An overview of radiographic technique includes the effects of patient positioning, respiration, and exposure factors. NEW! Companion website features additional radiographic CT scans and more than 100 questions with answers and rationales. NEW! Additional CT and 3D images have been added to each chapter to help clinicians better evaluate the detail of bony structures. NEW! Breed-specific images of dogs and cats are included throughout the atlas to help clinicians better understand the variances in different breeds. NEW! Updated material on oblique view radiography provides a better understanding of an alternative approach to radiography, particularly in fracture cases. NEW! 8.5" x 11" trim size makes the atlas easy to store.*

*This book is an up-to-date, technically detailed yet easy-to-read reference book on current clinical applications of MDCT in small animals. It has been designed to serve as the reference book for all MDCT-users, such as veterinary radiologists, imaging technicians, oncologists, surgeons, and non-radiologist clinicians. Individual chapters on novel clinically important topics include applications in endocrinology, oncology, trauma, and cardiovascular CT, as well as sections on organ-specific pathologies and their CT characteristics. The book will also cover main domains of CT, such as thorax and the trauma imaging. Anatomy, clinical aspects, pathology, and CT signs are integrated to provide the reader with the basis for interpretation of MDCT findings. Many excellent 2D multiplanar and 3D figures illustrating typical CT findings of various conditions will serve as a clinical reference for the reader.*

Diagnostic MRI in Dogs and Cats

Textbook of Veterinary Diagnostic Radiology - E-Book

BSAVA Manual of Canine and Feline Thoracic Imaging

BSAVA Manual of Canine and Feline Radiography and Radiology

Practical Veterinary Diagnostic Imaging

The Handbook of Small Animal Radiology and Ultrasound: Techniques and Differential Diagnoses provides a user-friendly reference for a wide range of radiographic and ultrasonographic findings in dogs and cats. Key features Enables successful and clear interpretation of radiographs and ultrasonograms Offers clearly sequenced text arrangement from the identification of the radiographic or sonographic abnormalities to a list of subsequent considerations for each sign Prioritizes different clinical findings to tailor further diagnostic tests or therapeutic interventions Takes imaging abnormalities from the descriptive to the interpretative New to this edition Colour throughout enhances user-friendliness Many new conditions Extra illustrations show techniques and normal anatomy Additional information on techniques, normal appearance and disease processes Expanded Further Reading sections This book is intended for all users of small animal diagnostic imaging, from radiologists through to general practitioners to veterinary students, and will be an invaluable supplement to existing references in the subject.

Atlas of Small Animal Ultrasonography, Second Edition is a comprehensive reference for ultrasound techniques and findings in small animal practice, with more than 2000 high-quality sonograms and illustrations of normal structures and disorders. Provides a comprehensive collection of more than 2000 high-quality images, including both normal and abnormal ultrasound features, as well as relevant complementary imaging modalities and histopathological images Covers both common and uncommon disorders in small animal patients Offers new chapters on practical physical concepts and artifacts and abdominal contrast sonography Includes access to a companion website with over 140 annotated video loops of the most important pathologies covered in each section of the book

This is the definitive reference for the small animal practitioner to normal radiographic anatomy of the cat and dog. With over forty years of experience between them, the authors have produced an invaluable reference atlas for the veterinary practitioner. The book is suitable for the general and referral based practitioner, undergraduate or postgraduate veterinary surgeon. Over 550 radiographic images analysed and explained More than 50 new figures added, with the quality of existing images enhanced Revised contents and page headers for easy-reference Clear informative line drawings to trace radiographic shadows and schematic drawings of underlying structures not seen in plain radiographs.

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](http://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.

Small Animal Medical Differential Diagnosis E-Book

Veterinary Diagnostic Imaging - E-Book

A Workbook for Students

Atlas of Radiology of the Traumatized Dog and Cat

*A practical reference for the general veterinary clinician, Small Animal Pediatrics: The First 12 Months of Life compiles into a single location the latest information in the rapidly developing field of canine and feline pediatrics. Editors Michael Peterson, DVM, MS, and Michelle Kutzler, DVM, PhD, DACT are joined by more than 40 expert contributors in providing coverage from prenatal care to one year of age. For ease of use, the text is divided into four sections. A General Considerations section opens the book by covering prenatal care of the bitch and queen, birth, normal physical examinations, growth, husbandry, nutrition, care of orphans, neonatal mortality, behavior, emergency and critical care, and immunology. The second section, Common Infectious Diseases, covers bacterial, viral, fungal, rickettsial, and parasitic infections. The third section describes diagnostic and therapeutic approaches to the young patient including radiology, ultrasound, aesthetic and surgical considerations, pain management, pharmacology, and clinical pathology. Finally, the fourth section covers a variety of organ systems with discussions on normal development, congenital conditions, and acquired diseases. The text also includes information that is usually difficult to find, including a pediatric formulary, care of orphan puppies, clinical pathology values, prenatal care, and normal growth and development guidelines. This book will be a significant asset to any veterinary library! Offers a practical, clinically oriented resource for the unique diagnostic and treatment challenges posed by pediatric and juvenile animal patients. Includes comprehensive coverage of all special problems encountered in pet management from birth through the first 12 months of life. Provides clear, step-by-step guidelines for important clinical procedures and techniques for the most vulnerable of small animal patients. Covers procedures such as intraosseous catheterization and fluid therapy, venipuncture, and tube feeding. Includes guidelines for designing and implementing a successful pediatric wellness program tailored to your own practice. Discusses infectious diseases in young animals, zoonotic potential, and human public health concerns. Provides key new information on puppy and kitten behavioral development including guidance for prevention and intervention for problem behaviors, the leading cause of pet euthanasia. Includes guidelines for kennel and cattery health management as well as shelter medicine health considerations. Discusses controversial health and ethical issues in veterinary pediatrics, such as ear cropping, tail docking, declawing, and early spay/neuter surgery (including both pro and con positions). Includes the latest recommendations for nutritional care of healthy and "special needs" puppies and kittens as well as the post-parturient and nursing dam. Offers an easy-to-use, well-organized format for quick and easy access to the most relevant information.*

*Learn the latest advances in veterinary diagnostic radiology! Textbook of Veterinary Diagnostic Radiology, 7th Edition, is a one-stop resource covering the principles of radiographic technique and interpretation for dogs, cats, and horses. Within this bestselling text, high-quality radiographic images accompany clear coverage of diagnostic radiology, ultrasound, MRI, and CT. User-friendly direction helps you to develop essential skills in patient positioning, radiographic technique and safety measures, normal and abnormal anatomy, radiographic viewing and interpretation, and alternative imaging modalities. This new edition has been thoroughly revised to include important advances in the field, information about contrast media, dental radiography, and more! Coverage of ultrasound imaging procedures such as the esophagram, upper GI examination, excretory urography, and cystography helps in determining when and how these procedures are performed in today's practice. Rewritten chapters on basic interpretation emphasizes radiography, radiation safety, superficial coverage of normal variants, and will include more in-depth information on the framework for interpretation. An atlas of normal radiographic anatomy in each section makes it easier to recognize abnormal radiographic findings. High-quality radiographic images clarify key concepts and interpretation principles. Up-to-date coverage of the most commonly seen species in private veterinary practices and veterinary teaching hospitals includes the cat, dog, and horse. NEW! Chapter on CT and MR contrast media gives you a better understanding of the agents used to alter patient contrast. NEW! Information on digital imaging helps you understand the latest advances in digital imaging. NEW! Chapter on dental radiology covers common dental issues you may encounter in practice. NEW! Chapter on MR spinal imaging provides the latest information on the diagnosis of spinal cord disease through the use of CT and MRI.*

*Atlas of Small Animal CT & MRI is a highly illustrated diagnostic imaging guide to common clinical disorders of dogs and cats. Contains over 3,000 high quality CT, MRI and related diagnostic images Offers a unique approach emphasizing comparative imaging and pathologic correlation Focuses on important imaging features relevant to imaging diagnosis of disease in dogs and cats Written by internationally renowned experts in the field*

*Diagnostic MRI in Dogs and Cats makes the vast and increasingly complex topic of clinical MRI in small animals accessible to all veterinarians. With the increasing availability of MRI technology, there is also a pressing need for expertise in interpreting these images. This is the first reference textbook to provide a well-illustrated and comprehensive overview of the current knowledge, focusing on imaging appearance rather than on clinical signs or treatment. With chapters on MRI physics and technology as well as sections on specific anatomical regions, the book functions as a stand-alone reference for the reader, whether they be a radiology/neurology resident in training or a practitioner with a need to learn about veterinary clinical MRI. Includes both evidenced-based material and the authors' personal experience, providing an excellent overview of current knowledge in the field. Contributors are international leaders in the field. Bullet points format and table summaries throughout the book keep the concepts concise and organized. Richly illustrated with over 650 annotated images showcasing the main features of the disease processes. Images are obtained at all magnet field strengths, so as to reflect the current reality of veterinary MRI, which uses low-, mid- and high-field magnets. The chapters on physics and MRI technology are concise and accessible, using many visual aids and diagrams, and avoiding abstract concepts and equations whenever possible. Within each anatomical section, each chapter focuses on a disease category of that body region. When it is important to understand the imaging appearance, the pathophysiology is reviewed and imaging features of prognostic relevance are detailed. This practical yet thoroughly comprehensive book is primarily an evidence-based learning resource for trainees, but will also aid practising veterinarians who have less MRI experience.*

Elsevier Ebook on Vitalsource

Clinical Radiology of the Horse

A Practical Guide to Equine Radiography

Veterinary Radiography

Body MDCT in Small Animals

The Fourth Edition of this text provides a clear understanding of the physics principles essential to getting maximum diagnostic value from the full range of current and emerging imaging technologies. Updated material added in areas such as x-ray generators (solid-state devices), xerography (liquid toner), CT scanners (fast-imaging technology) and ultrasound (color Doppler).

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 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.

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 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.

The first edition of this comprehensive guide to the techniques used to obtain radiographs of the horse and to radiographic interpretation was first published in 1993. This second edition has been significantly enlarged to include new information and many additional illustrations. With over 480 superb annotated radiographs and more than 100 interpretive line diagrams, it combines the best features of a high quality atlas with those of a detailed textbook. Details of the normal radiographic anatomy of the immature and mature horse, with normal variations, incidental findings and significant abnormalities are set out including remarks on clinical prognosis and treatment. The text has been updated to include new information, knowledge gained from continuing clinical experience, and the most relevant references from recent literature. Throughout, emphasis is given to practical tips, common pitfalls, and the techniques to obtain the best radiographs for the evaluation of specific areas and conditions.

Lavin's Radiography for Veterinary Technicians - E-Book

Atlas of Small Animal CT and MRI

Basic Principles, Technology, and Clinical Applications

## Techniques and Differential Diagnoses

## The First 12 Months of Life

*Physics for Diagnostic Radiology, Second Edition* is a complete course for radiologists studying for the FRCR part one exam and for physicists and radiographers on specialized graduate courses in diagnostic radiology. It follows the guidelines issued by the European Association of Radiology for training. A comprehensive, compact primer, its analytical approach deals in a logical order with the wide range of imaging techniques available and explains how to use imaging equipment. It includes the background physics necessary to understand the production of digitized images, nuclear medicine, and magnetic resonance imaging.

Part of a series of workbooks for students that provides an enjoyable, yet thorough means of revision. This title features mnemonics and cartoons that assist in word association and memory, and recall essential for examination success.

Radiology is a routine diagnostic procedure in all fields of clinical veterinary practice, and exotic medicine is no exception. Besides an increasing interest and concurrent demand for a higher level of care of these species, very little is reported in the scientific literature about normal radiographic patterns, and radiographic abnormalities are generally limited to case reports. *Clinical Radiology of Exotic Companion Mammals* is designed to fill this gap. It provides a practical resource for veterinarians wishing to add these special species to their clinical practice, and a ready reference for those already including those species among their caseload.

Clearly labeled normal images will aid anyone interested in comparative radiographic anatomy, and the techniques section will help overcome difficulties related to the smaller size of many exotic companion mammals. Features of the book include: wide range of exotic mammal species beyond ferrets, rabbits, and rodents, including species such as marsupials, hedgehogs and potbellied pigs a review of the basic principles of radiology, equipment, radiologic techniques and patient positioning helpful for optimizing exotic companion mammal radiography an extensive review of both normal and pathologic radiographic patterns. Some of the latter are accompanied by clinical or surgical images to aid the practitioner in familiarization with a wide range of both common and uncommon lesions.

Learn the latest advances in veterinary diagnostic radiology! *Textbook of Veterinary Diagnostic Radiology, 7th Edition*, is a one-stop resource covering the principles of radiographic technique and interpretation for dogs, cats, and horses. Within this bestselling text, high-quality radiographic images accompany clear coverage of diagnostic radiology, ultrasound, MRI, and CT. User-friendly direction helps you to develop essential skills in patient positioning, radiographic technique and safety measures, normal and abnormal anatomy, radiographic viewing and interpretation, and alternative imaging modalities. This new edition has been thoroughly revised to include important advances in the field, information about contrast media, dental radiography, and more! Coverage of ultrasound imaging procedures such as the esophagram, upper GI examination, excretory urography, and cystography helps in determining when and how these procedures are performed in today's practice. Rewritten chapters on basic interpretation emphasizes radiography, radiation safety, superficial coverage of normal variants, and will include more in-depth information on the framework for interpretation. An atlas of normal radiographic anatomy in each section makes it easier to recognize abnormal radiographic findings. High-quality radiographic images clarify key concepts and interpretation principles. Up-to-date coverage of the most commonly seen species in private veterinary practices and veterinary teaching hospitals includes the cat, dog, and horse. *NEW!* Chapter on CT and MR contrast media gives you a better understanding of the agents used to alter patient contrast. *NEW!* Information on digital imaging helps you understand the latest advances in digital imaging. *NEW!* Chapter on dental radiology covers common dental issues you may encounter in practice. *NEW!* Chapter on MR spinal imaging provides the latest information on the diagnosis of spinal cord disease through the use of CT and MRI.

Grainger & Allison's Diagnostic Radiology Essentials E-Book

Handbook of Radiographic Positioning for Veterinary Technicians (Book Only)

Small Animal Radiographic Techniques and Positioning

Handbook of Small Animal Radiology and Ultrasound

A Foundation Manual

With up-to-date, easy-access coverage of every aspect of diagnostic radiology, *Grainger and Allison's Diagnostic Radiology Essentials, 2nd Edition*, is an ideal review and reference for radiologists in training and in practice. This comprehensive overview of fundamental information in the field prepares you for exams and answers the practical questions you encounter every day. In a single, convenient volume, this one-stop resource is derived from, and cross-referenced to, the renowned authoritative reference work *Grainger & Allison's Diagnostic Radiology, 6th Edition*. Concentrates on the subjects that general diagnostic radiologists need to know, covering all diagnostic imaging modalities and organized by organ and system. Uses a concise, highly templated, bulleted format that helps you find the answers you need quickly and easily. Features more than 2,000 high-quality images, including plain film, CT, MRI, and ultrasound. Features a new section on interventional radiology that covers interventional vascular radiology techniques, cross sectional angiography, specific drainage techniques, tumor ablation principles, and intervention in hepatobiliary, genitourinary and gynecological conditions. Contains a new section on functional imaging which includes both MRI (diffusion weighted imaging and perfusion MRI) and PETCT. Includes diagnostic "pearls" that help you avoid pitfalls and errors in diagnosis. Includes a useful Appendix with many quick-reference items that are hard to remember but essential in day-to-day practice. New content includes intravascular contrast media, anticoagulation agents and sedation, the latest TNM 8th edition of staging cancers, and new section on PI-RADS and BI-RADS.

The totally revised second edition of this comprehensive Atlas describes and explains the uses of diagnostic radiology and provides detailed instructions on how best to apply this technique to the diagnosis of traumatized dogs and cats, including a range of emergency cases. The main focus of the revised concept is the descriptive presentation of clinical cases. The book consists of three main chapters: thoracic, abdominal and musculoskeletal trauma, including emergency cases. Four smaller chapters cover soft tissue injury, gunshot wounds, cases of abuse and poisoning. The first part of each chapter reviews the basics of the particular radiological techniques necessary for that section, radiographic characteristics, indications for examination, and diagnoses. This introduction is followed by numerous radiographically illustrated case studies. Each case is discussed in detail relative to the clinical history, the findings on physical examination, radiographic procedures, a description of the radiographic features/patterns determined on evaluation of the radiographs, a specific or differential diagnosis, and the treatment or management received by the patient. Follow-up radiographic studies demonstrate the healing process in selected cases. Veterinary practitioners will find ample material in the Atlas which will help to reinforce or improve their clinical and technical skills.

Every clinician that has an interest in veterinary diagnostic imaging should have this reference! *Small Animal Diagnostic Ultrasound, 4th Edition* provides in-depth coverage of the latest techniques, applications, and developments in veterinary ultrasonography. It shows how ultrasonography can be an indispensable part of your diagnostic workup for everything from cardiac and hepatic disease to detached retinas and intestinal masses. All-new content on internal medicine is integrated throughout the text, addressing disease processes and pathologies, their evaluation, and treatment.

Written by expert educators John S. Mattoon, Rance K. Sellon, and Clifford R. Berry, this reference includes access to an Expert Consult website with more than 100 video clips and a fully searchable version of the entire text. Logical organization makes reference quick and easy, with chapters organized by body system and arranged in a head-to-tail order. Coverage of Doppler imaging principles and applications includes non-cardiac organs and abdominal vasculature. Photographs of gross anatomic and pathological specimens accompany ultrasound images, showing the tissues under study and facilitating a complete interpretation of ultrasound images. More than 100 video clips demonstrate normal and abnormal conditions as they appear in ultrasound scans, including conditions ranging from esophageal abscess to splenic hyperplasia. More than 2,000 full-color images include the most current ultrasound technology. *NEW!* Updated content on diagnostic ultrasound ensures that you are informed about the latest developments and prepared to meet the challenges of the clinical environment. *NEW!* Coverage of internal medicine includes basic knowledge about a disease process, the value of various blood tests in evaluating the disease, as well as treatment strategies. *NEW* editors Rance K. Sellon and Clifford R. Berry bring a fresh focus and perspective to this classic text. *NEW!* Expert Consult website includes a fully searchable eBook version of the text along with video clips demonstrating normal and abnormal conditions as they appear in ultrasound scans. *NEW!* New and updated figures throughout the book demonstrate current, high-quality images from state-of-the-art equipment. *NEW* contributing authors add new chapters, ensuring that this book contains current, authoritative information on the latest ultrasound techniques.

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

Radiography of the Dog and Cat

Emergency Procedures for the Small Animal Veterinarian E-Book

Veterinary Computed Tomography

Netter's Surgical Anatomy Review PRN E-Book

Atlas of Small Animal Ultrasonography

**Covering the principles of radiographic technique and interpretation for dogs, cats, and horses, *Textbook of Veterinary Diagnostic Radiology, 6th Edition* helps you develop proficiency in diagnostic skills. High-quality radiographic images accompany clear coverage of diagnostic radiology, ultrasound, MRI, and CT, as well as patient positioning, radiographic technique and safety measures, normal and abnormal anatomy, radiographic viewing and interpretation, and alternative imaging modalities. New to this edition is a chapter on MR spinal imaging and updated information on digital imaging. Written by radiology educator and expert Donald E. Thrall, along with a group of highly qualified, board-certified radiologists, this bestselling reference is a one-stop resource for the latest advances in veterinary diagnostic radiology. Clear explanations and a logical format simplify the principles of veterinary diagnostic radiology, including patient positioning, radiographic technique, specific anatomic features of the body part in question, methods of radiographic viewing and interpretation, and assessment and applications of alternative imaging modalities. High-quality radiographic images clarify key concepts and interpretation principles. Up-to-date coverage of the most commonly seen species in private veterinary practices and veterinary teaching hospitals includes the cat, dog, and horse. An atlas of normal radiographic anatomy in each section makes it easier to recognize abnormal radiographic findings. A discussion of radiation safety highlights measures that can protect you from harmful radiation exposure. *NEW* chapter on MR spinal imaging provides the latest information on the diagnosis of spinal cord disease through the use of CT and MRI. *NEW* information on digital imaging covers the newest advances in digital imaging. Updated coverage of procedures such as the esophagram, upper GI examination, excretory urography, and cystography helps in determining when and how these procedures are performed in today's practice. Revised chapters on basic interpretation make information easier to find, with in-depth discussions of the principles of image acquisition and interpretation, radiography, radiation safety, and basic coverage of normal variants.**

**With a focus on birds, reptiles, and mammals, *Veterinary Diagnostic Imaging: Avian and Exotic Pets* discusses veterinary diagnostic imaging and new technologies for multiple modalities to help you accurately diagnose and pinpoint common injuries and disease. Divided into three sections — Birds, Mammals, and Reptiles — each section includes valuable information on positioning for specific structures, imaging findings, and more for each species with a wealth of photographs to provide real-life examples. Atlas-sized radiographs allow you to easily visualize the injury or indication of disease. Comparison radiographs display a normal image with an abnormal image to highlight differences and help you identify abnormalities in practice. “Telescopic images provide close-up views of larger radiographs to help you identify salient points visible in the radiograph. Content tailored to each species highlights the common injuries and diseases for each avian and exotic species. Discussions of multiple modalities including ultrasound, MRI, and CT provide all the information you need for diagnostic imaging in one resource.**

***Textbook of Veterinary Diagnostic Radiology* Saunders**

**This manual is the second in the diagnostic imaging series. It begins by providing the reader with a grounding in the various imaging modalities: radiography, ultrasonography, computed tomography, magnetic resonance imaging, nuclear medicine and interventional radiological procedures. The second section is devoted to the individual body systems and includes chapters dedicated to the heart and major vessels, the lungs, the mediastinum, the pleural space and the thoracic boundaries. To aid the reader with information retrieval, each anatomical region is approached in the following way: radiographic anatomy and variations; interpretive principles; and diseases. Information on diseases is further subdivided into sections covering radiographic findings and the results and interpretation of other imaging studies. Each of the chapters is accompanied by a wealth of images, demonstrating both the normal radiographic appearance of structures and the abnormalities associated with disease. Specially commissioned illustrations provide an extra dimension.**

**Atlas of Diagnostic Radiology of the Horse: Diseases of the front limb**

**An Atlas of Interpretative Radiographic Anatomy of the Dog and Cat**

**Birds, Exotic Pets, and Wildlife**

**The Case-Based Approach Second Edition**

**The Handbook of Veterinary Contrast Radiography**

Small Animal Medical Differential Diagnosis, 2nd Edition is a practical, concise guide to the differential diagnosis, etiology, laboratory abnormalities, and classification of clinical signs and medical disorders in dogs and cats. By covering nearly every possible sign and clinical disorder relevant to small animal medical practice, this pocket-sized, rapid reference helps you make more reliable on-the-scene decisions. More than 400 lists bring the most important medical diagnostic information from multiple resources into a single rapid reference. An organized presentation of differential diagnoses by sign and symptom, disorder, and body system, facilitates quick and flexible access to information at many stages of the diagnostic work-up. Alphabetical listing of all relevant laboratory tests makes information easy to find for students and experienced practitioners alike. Easily identify the likeliest diagnosis by reviewing the possibilities listed in order of incidence. Pocket-sized for portability, practicality, and quick reference. *NEW!* Coverage of new disorders and syndromes expands the span of differential diagnoses to help you effectively evaluate more signs and symptoms. *NEW!* Addition of new and more widely used diagnostic and laboratory tests keeps you up-to-date as lab tests become more specialized and sophisticated.

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](http://www.wiley.com/go/easton/diagnosticimaging))

Netter's Surgical Anatomy Review P.R.N. is the easiest and most convenient way to refresh need-to-know anatomy for surgeons-in-training. Vibrant, detailed artwork by preeminent medical illustrator Frank H. Netter, MD makes it easy to visualize the anatomy that underlies the procedures and clinical conditions you see during a surgical residency or clerkship. This concise, instant review of anatomy and clinical correlates is perfect for "just in time" use. Didactic Netter illustrations provide clear informative visuals for quick understanding of anatomical relationships. Pathologic clinical anatomy key points make the anatomy as relevant as possible to each diagnosis and procedure covered. Concise, bulleted explanations enhance understanding of clinical implications. Updates include new chapters on heart and lung anatomy, diagnoses, and procedures.

A Practical Guide to Equine Radiography is designed to accompany the clinical veterinarian either within a hospital setting or out in the field. The handbook offers an informative step-by-step guide to obtaining high quality radiographs, consistently. Each chapter focuses on a separate region of the horse, offering tailored material in a clear and concise way - suitable for accessing as use of a reference. This manual offers a comprehensive guide to taking radiographs by including: clinical indications for the radiographic area of interest; equipment required; preparation and setup, with photographs; projections suitable for the radiographic area of interest, with photographs; example x-ray with labels; and three-dimensional image to demonstrate normal anatomy. This book is an essential tool for all practicing equine veterinarians and students alike.

Small Animal Diagnostic Ultrasound E-Book

Physics for Diagnostic Radiology, Third Edition

Textbook of Veterinary Diagnostic Radiology

Clinical Radiology of Exotic Companion Mammals

Atlas of Normal Radiographic Anatomy and Anatomic Variants in the Dog and Cat - E-Book