

Atlas Of Canine And Feline Peripheral Blood Smears 1e Small Animal Laboratory Essentials

Is it ever appropriate to diagnose and treat oral and dental problems without knowing the full extent of the problem? With more than 50% of anatomical structures and associated pathologies located below the gingivae and unseen to the eye, that's the reality without the use of high-quality, accurately interpreted radiographs. Atlas of Dental Radiography in Dogs and Cats presents hundreds of actual radiographic images, which are clearly labeled to facilitate accurate identification of normal and abnormal features. This valuable new atlas shows you exactly how to correlate common dental conditions with radiographic signs. Radiographs are also compared side by side with actual anatomical photographs to confirm surface landmarks visible on the radiographs. Correct positioning techniques for producing diagnostic radiographs as well as helpful tips and pitfalls when obtaining quality radiographs are logically presented. This approach helps you produce consistently high-quality radiographs, sharpen your interpretive skills, and confidently treat a wide range of dental problems. Presents the most logical and useful approach to dental and oral radiography, using actual anatomical photographs for accurate clinical correlation. Depicts original and color-labeled radiographs side-by-side for accurate identification of normal and abnormal structures. Helps both veterinarians and technicians take the best possible radiographs, interpret them accurately, make sound treatment decisions, and monitor results. Provides clear, technical guidance for taking quality radiographs and identifying artefacts and results of improper imaging technique and film development. Presents clear pictorial instructions – from 2 angles – for correct positioning of the X-ray beam and intraoral films. Offers new opportunities for expanded professional services and revenues in your practice. Provides proof of compliance with standards of care for medical record documentation, helping you legally protect yourself, your staff, and your practice.

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.

Atlas for veterinary professionals on dental radiography in small animals. Topics include: equipment, trauma, principles of image interpretation, normal radiographic anatomy, and more. Last chapter is a test of knowledge. Halftone illustrations and images.

Having images of the pathologies when carrying out a diagnosis is undoubtedly highly appreciated by vets, especially in dermatology consultation. Thanks to this atlas, vets will be able to look at images of common skin pathologies and thus be acknowledged for their 'clinical eye?', but they will also be able to view non-typical images that will guide those uncommon cases. Furthermore, typical images that are exclusive of certain localisations of the body (face, perianal area, claws) have been included at the end of the book. Each chapter includes images of the general clinical picture of each disease, aetiopathogenesis of the lesions, diagnostic method and treatment.

Color Atlas of Veterinary Ophthalmology, Second Edition provides a compendium of the clinical appearance of ophthalmic diseases likely to be encountered in small, large, or exotic animal practice. Offers a pictorial reference to the clinical appearance of diseases and conditions of the animal eye. Presents multiple presentations of most ophthalmic diseases to show the varying ways the condition might appear. Provides more than 1,000 high-quality color clinical photographs showing ocular disorders. Includes new introductory chapters on ocular anatomy, the ophthalmic exam, and clinical findings in place of the clinical signs chapter. Covers clinical history, the clinical signs and findings associated with the disease, the rule-outs or differential diagnoses, the recommended treatment, and the prognosis for each disorder. "Atlas of Canine and Feline Urinalysis offers an image-based reference for performing canine and feline urinalyses, with hundreds of full-color images depicting techniques, physical characteristics, urine chemistry, and microscopic characteristics of urine sediment in dogs and cats"--Publisher's description.

Dentistry at its finest As a veterinarian and dentist in one, Dr. Markus Eickhoff has practiced high-level canine and feline dentistry for over 20 years. He now shares his fund of experience in this book with over 1500 images. What equipment do I need? What treatment options are available and how do I perform them? This book provides detailed, systematic and generously illustrated instructions. Over 1500 illustrations present details of many fascinating cases, allowing the practitioner to follow procedures in detail. The myriad practical tips and step-by-step instructions for performing common dental procedures provide security when performing dental treatment on small animals. Supported by the images, Dr. Eickhoff introduces the practitioner to commonly performed procedures such as the extraction of root fragments or the placement of fillings. The focus on dogs and cats allows not only conventional treatment options but also less common ones to be presented in detail. Benefit from the latest insights for treating exceptional cases such as cleft palate or dental ankylosis.

The Color Atlas of Veterinary Anatomy volume 2 presents a unique photographic record of dissections showing the topographical anatomy of the horse. With this book you will be able to see the position and relationships of the bones, muscles, nerves, blood vessels and viscera that go to make up each region of the body and each organ system. Each book in this 3 volume series is packed with full-color photographs and drawings of dissections prepared specifically for these texts. Key features: Accessibly and systematically structured with each chapter devoted to a specific body region. Important features of regional and topographical anatomy presented using full color photos of detailed dissections. Dissections presented in the standing position. Detailed color line drawings clarify the relationships of relevant structures. Presents anatomy in a clinical context. This new edition second edition offers important new features, including: Accompanying website presents over 100 interactive quizzes and self-assessment questions. Many more radiographs throughout. Additional CT and MRI images. Clinical notes highlight areas of particular clinical significance.

Now in full color, Practical Guide to Canine and Feline Neurology, Third Edition provides a fully updated new edition of the most complete resource on managing neurology cases in small animal practice, with video clips on a companion website. •Provides comprehensive information for diagnosing and treating neurological conditions •Printed in full color for the first time, with 400 new or improved images throughout •Offers new chapters on differential diagnosis, magnetic resonance imaging, and movement disorders •Retains the logical structure and easy-to-follow outline format of the previous editions •Includes access to video clips of specific disorders and a how-to video demonstrating the neurologic assessment online and a link to a digital canine brain atlas at www.wiley.com/go/dewey/neurology Now in full color, Practical Guide to Canine and Feline Neurology, Third Edition provides a fully updated new edition of the most complete resource on managing neurology cases in small animal practice, with video clips on a companion website. •Provides comprehensive information for diagnosing and treating neurological conditions •Printed in full color for the first time, with 400 new or improved images throughout •Offers new chapters on differential diagnosis, magnetic resonance imaging, and movement disorders •Retains the logical structure and easy-to-follow outline format of the previous editions •Includes access to video clips of specific disorders and a how-to video demonstrating the neurologic assessment online and a link to a digital canine brain atlas at www.wiley.com/go/dewey/neurology

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.

This book offers practical guidance to making approaches for surgery to treat soft tissue and oncologic conditions in canine and feline patients. Every approach is outlined with step-by-step descriptions on how to handle the incision and covers indications and patient positioning. Detailed, high-quality medical illustrations are also included for each, and topics are logically laid out with images on the left and text on the right. Atlas of Surgical Approaches to Soft Tissue and Oncologic Diseases in the Dog and Cat starts with a chapter on oromaxillofacial approaches, followed by chapters covering the cervical area and ear, forelimb, hindlimb, thorax, and abdomen. The book finishes with complete coverage of the approaches to the perineal area and pelvic canal and digits and tail, making it an excellent guide for surgeons to plan and execute their approach to soft tissue and oncologic diseases. Describes the complete approach to surgical incisions for soft tissue and oncologic disease, with alternative positions or approaches where appropriate Provides a high-quality medical line drawing depicting each approach Offers practical guidance for surgeons to direct their approach during surgery Covers indications, patient positioning, and step-by-step summaries of each approach Follows a logical two-page layout with text on one side and illustrations on the other Atlas of Surgical Approaches to Soft Tissue and Oncologic Diseases in the Dog and Cat is an essential reference for any veterinary surgeon or clinician treating soft tissue and oncologic diseases surgically.

Cat breeders, cat show judges as well as student of veterinary medicine, zoology and wildlife biology will greatly benefit from this feline anatomy coloring atlas. Essential anatomic and physiologic concepts are explained and some diseases common to the region being studied are discussed. Active learning is involved as you color anatomical structures and their names on the drawing or underline their names in the texts and color the parts indicated by a corresponding number. The format replicates Dog Anatomy - A Coloring Atlas by Kainer and McCracken. The format is designed for the cat owner who desires to gain a basic knowledge of feline anatomy with functional correlations and brief descriptions of some the diseases being studied. This do it yourself form maximizes comprehension and retention.

This atlas vividly illustrates step-by-step procedures for common orthopedic techniques used to treat small animals. It features the latest techniques for arthrotomy, joint stabilization, arthrodesis, fracture repair, corrective osteotomies, and limb amputation. Step-by-step format provides clear guidance for performing procedures The user-friendly layout features text on the left side of each spread with corresponding art on the right side Covers amputation procedures including digit removal Includes a section devoted to surgical procedures for fractures Features a section on corrective osteotomies Covers specific forelimb fractures including the humerus and pelvis Covers surgical procedures for joint disease including shoulder, elbow, carpus, and hip This richly-illustrated handbook covers all aspects of modern feline dermatology, from the approach to different signs and symptoms to the description of the etiology, pathogenesis, clinical manifestation, diagnosis and current treatment of each feline dermatological disease. Thus this manual serves as essential practical guide to the busy practitioner to quickly and surely tackle cats with dermatological conditions, and offers a current and complete reference tool for the feline veterinarian and the veterinary dermatologist.

A concise and practical visual guide to normal cell identification for all those dealing with cytology in the dog and cat. Normal Cell Morphology in Canine and Feline Cytology: An Identification Guide takes a uniquely visual approach to normal cell identification in dogs and cats. Single-page presentations offer vivid snapshots of particular cell types, with high quality microphotographs matched with annotated schematic diagrams and accompanying explanatory text. Providing a vital understanding of what normal cells look like, this text is ideal for all those in small animal veterinary practice examining cytology samples. The book begins with a concise, yet comprehensive introduction to the principles of morphological identification, followed by a description of the distribution of cells and where different cell types can be sampled from in the various tissues and organs. The main part of the book is devoted to describing each cell type and its characteristics. Cytoarchitectures, observed non-cellular material and general pathological changes are also described. Offers a unique alphabetically organised visual guide to each cell type, covering cells from every type of organ and system Features an abundance of full-colour microphotographs accompanied by beautifully rendered schematic diagrams, making cell identification quick and easy Includes a visual index for ultimate ease of navigation at the microscope Normal Cell Morphology in Canine and Feline Cytology is a must-have text for veterinary students and an indispensable bench manual for small animal veterinary practitioners.

Clinical Atlas of Canine and Feline Dermatology presents more than a thousand high-quality color photographs depicting common dermatologic diseases and conditions, making it easy for clinicians to quickly evaluate and accurately identify clinical dermatologic lesions. Easy-to-use charts of dermatologic diseases provide differential diagnoses and treatments, helping practitioners to quickly find the most common differential diagnoses, perform appropriate diagnostics, and treat their patients. Written by experienced veterinary dermatologists, the book begins with chapters on essential dermatologic diagnostics and identification and interpretation of skin lesions, featuring pictorial illustrations with commentary of the most common causes. Diagnostic algorithms for pruritus and alopecia simplify the workup of these very common presenting symptoms, and easily referenced tables detail the presentation, diagnosis, and management of hundreds of skin diseases. The book also offers a dermatologic formulary including systemic and topical therapies. Provides more than 1200 images showing the most encountered dermatologic conditions in dogs and cats Includes easy-to-interpret charts of differential diagnoses and treatments Offers diagnostic and treatment algorithms for the most common skin diseases in dogs and cats Presents details of the presentation, diagnosis, and management of hundreds of skin diseases in tables for quick reference Features video clips on a companion website demonstrating dermatologic diagnostic techniques, including skin scrapings and cytology, aspiration of skin masses for cytology, and biopsy Offering fast access to practical information for diagnosing and treating dermatologic disease in small animal practice, Clinical Atlas of Canine and Feline Dermatology is an essential book for any small animal practitioner or veterinary student.

An illustrated guide to the morphology of blood cells, Atlas of Canine and Feline Peripheral Blood Smears covers patient assessment for common hematologic disorders and diseases in dogs and cats. Over 1,000 full-color photomicrographs depict abnormalities within each blood cell line, with multiple pictures of each morphologic abnormality and variations in their appearance. Written by pathology experts Amy Valenciano, Rick Cowell, Theresa Rizzi, and Ronald Tyler, this concise reference will enhance your skills as you interpret blood smears and recognize hematological cellular response to inflammation,

infection, and toxicity. "Everything you might encounter looking at dog or cat blood smears is right there, clearly classified and noted (more than 1000 pictures!). Pitfalls and artefacts are clearly explained. The format (spiral binding) makes it the obvious accessory for your microscope. A good investment." Reviewed by: Vet's Today Date: July 2014 Over 1,000 photomicrographs facilitate microscopic analysis and interpretation of the cellular components of the blood. Full-color, high-resolution images facilitate identification of different blood cell types, numbers, anomalies and conditions. Multiple representations of morphologic abnormalities aid in recognition of conditions where variations in appearance commonly occur. Practical information includes an overview of laboratory methods, equipment and supplies, sample collection, staining and handling, and diagnostic interpretation of blood smears. Coverage of 125 topics ranges from the morphology of erythrocytes to chronic myeloid leukemia. Spiral binding allows the book to lay open next to the microscope, making it a quick and easy reference while on the job.

This expertly illustrated atlas has been the go-to reference in veterinary orthopedic surgery for nearly 50 years and remains the premier resource for small animal surgical procedures. As in prior editions, Piermattei's Atlas of Surgical Approaches to the Bones and Joints of the Dog and Cat, 5th Edition is teeming with highly detailed drawings that illustrate a wide range of surgical approaches. This edition also features six all new surgical approaches and three approaches which have been expanded to illustrate the modifications required when performing orthopedic surgery on the cat. In addition to updated images throughout, fifty-five brand new illustrations accompany the new surgical approaches. As many will attest, Piermattei's Atlas is an invaluable reference that no small animal surgeon should be without. "In summary, if you still don't have a previous edition of Piermattei's atlas of surgical approaches to the bones and joints of the dog and cat on your bookshelves, this is a must have. If you already have a previous edition, the difference between the 4th and 5th are not big, but there are a few additions that will still make it a worthwhile buy." Reviewed by: Benito De La Puerta, Ldo, Cert SAS Dip ECVS, UK Date: July 2014 Step-by-step procedures walk you through proper positioning, anatomic landmarks, potential dangers, and increasing exposure. Primary indications listed for each surgical approach help you quickly determine which approach is most appropriate for a particular surgery. Consistent format features text on the left side and illustration plates on the right, for quick access to key information. High-quality drawings created by an expert medical artist provide exceptional clarity, realism, and detail. Cross-references throughout the text make it easy to compare surgical approaches for the same body area. Full pages dedicated to each plate allow you to more easily view anatomical parts and approaches. NEW! Six all-new approaches to surgical procedures have been added to the text. They include: Approach to the Lumbosacral Intervertebral Disk and Foramen Through a Lateral Transilial Osteotomy Approach to the Medial Region of the Shoulder Joint Minimally Invasive Approach to the Shaft of the Humerus Approach to the Lateral Aspect of the Hemipelvis Minimally Invasive Approach to the Shaft of the Femur Minimally Invasive Approach to the Shaft of the Tibia NEW! Expanded coverage of modifications required when performing orthopedic surgery on the cat include: Approach to the Lateral Aspect of the Humeral Condyle and Epicondyle in the Cat Approach to the Craniodorsal Aspect of the Hip Joint Through a Craniolateral Incision in the Cat Approach to the Shaft of the Femur in the Cat NEW! Updated images provide a better picture of various surgical approaches.

This superb benchside reference thoroughly depicts the diagnostic application and interpretation of canine and feline cytology and cytopathology. Covering a wide range of diseases affecting multiple organ systems, over 630 full-color illustrations depict normal cytomorphologic features as well as cytopathologic findings.

Clinical Atlas of Canine and Feline Ophthalmic Disease provides an image-rich resource for diagnosing and treating ophthalmic conditions in clinical practice. • Presents more than 600 high-quality color photographs depicting commonly encountered ocular conditions in dogs and cats • Includes multiple images for each disease to show varying presentations • Organized for easy reference, covering the most commonly encountered conditions first • Designed for daily use in the busy clinical setting, allowing practitioners to quickly find and compare images as they see cases • Provides a concise summary of the most clinically relevant information on diagnosing and managing ophthalmic disease

Bringing together a wealth of images of normal and diseased dog and cat ears, this is an indispensable diagnostic tool for the small animal veterinary practitioner seeing ear cases on a regular basis. This fully illustrated atlas covers the anatomy of the canine and feline ear, diagnostic techniques, a range of commonly seen diseases, and ear surgery. Atlas of Ear Diseases of the Dog and Cat is one of the most complete picture references for this rapidly expanding branch of small animal medicine and surgery. It is an invaluable aid for general practitioners, as well as those specialising in dermatology, and serves as an effective revision aid for veterinary students and those studying for further qualifications in veterinary dermatology. Includes over 400 high quality colour clinical images and clear line drawings Images are accompanied by clear explanatory text throughout Enables veterinarians to match cases seen in practice with photos supplied to aid diagnosis Written by highly qualified specialist veterinary dermatologist and veterinary surgeon

"This is a 'go-to' reference text for a serious cytologist. " Reviewed by: Kathleen Tennant on behalf of Veterinary Record, November 2015 Comprehensive coverage of all body systems and body fluids — and the pathological changes associated with various infectious agents — emphasizes areas in which the application of cytology has the greatest diagnostic value. Exceptional-quality, full-color photomicrographs show both normal and abnormal tissue and also include detailed legends. Discussions of clinical, differential, and cytological diagnosis accompany the illustrations of lesions and conditions in each chapter. Helpful hints for improving specimen quality are provided in discussions of common errors and problems encountered in the preparation of cytological specimens. Coverage of histology in organ system chapters demonstrates the histological or histopathologic corollary of cytologic findings. Clear, concise descriptions include sampling techniques, slide preparation and examination, and guidelines for interpretation, leading to accurate in-house and commercial laboratory diagnosis. Easy-to-use, well-organized format includes many tables, algorithms, boxes, and Key Point callouts for at-a-glance reference. NEW examples and identifiers and a new discussion on artifacts address the latest developments in canine and feline cytology. NEW! Dozens of new images include photomicrographs of blood and bone marrow cytology. NEW! All-new appendix summarizes clinically relevant information on artifacts, special tests, specific characteristics, and much more. UPDATED sampling techniques and examination guidelines include information on how and where to test for specific conditions.

Successful management of eye disease relies on the veterinarian's ability to identify ocular features and distinguish pathologic changes. Atlas of Feline Ophthalmology, Second Edition is an invaluable diagnostic reference, providing high-quality color photographs for comparison with a presenting complaint. Presenting 394 photographs illustrating both normal and pathologic ocular conditions, this Second Edition offers a current, complete reference on ocular diseases, adding conditions recognized since publication of the first edition, a broader geographic scope, and many new images with improved quality. Carefully designed for easy reference, the contents are divided into sections corresponding to specific anatomical structures of the eye. A useful appendix new to this edition groups figures by etiology, making it easy to find every image associated with a specific agent or disease. Atlas of Feline Ophthalmology, Second Edition is a useful tool aiding general practitioners in diagnosing eye disease in cats. Key features Provides a compendium of high-quality color images of the feline eye Focuses on the identification of a global list of diseases, conditions, and injuries affecting the eye Includes both normal and pathologic ocular conditions Acts as a diagnostic tool, with therapeutic information omitted by design Aids clinicians in using ocular examinations to diagnose systemic disease Designed for easy reference, with the book divided into sections according to ocular anatomical structures and an appendix grouping figures by etiology

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

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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

Long-trusted and respected in the field, *Diagnostic Cytology and Hematology of the Dog and Cat, 3rd Edition* is a complete resource for developing and enriching the knowledge and skills needed for clinical laboratory diagnostics. Detailed illustrations and descriptions of cytologic and hematologic samples enable you to diagnose both common and uncommon diseases in dogs and cats. This concise source of microscopic evaluation techniques and interpretation guidelines for organ tissue, blood, and other body fluid specimens provides you with a basic understanding of sample collection and specimen preparation. Plus, helpful and easier-to-understand algorithms are generously distributed throughout the text, providing clear, easy-to-follow guidelines for diagnosis and treatment. Detailed instructions for in-house laboratory evaluation, as well as submission and transport of samples for commercial laboratory interpretation, are featured in tips and pitfalls throughout discussions on specimen preparation and diagnosis. Easier-to-follow algorithms, additional tables, and a user-friendly format allow quick and easy access to the most relevant information needed in a cytologic diagnosis. Over 1,000 high-quality illustrations help you identify normal versus abnormal cells, enabling you to make accurate diagnoses. Four new chapters—Cell Types and Criteria of Malignancy, Selected Infectious Agents, Round Cell Tumors, and The Pancreas—present detailed information on these topics and how they relate to disease. Highly-respected expert contributors share their expertise from both academia and commercial diagnostic laboratories to provide the best and most current information available. The Lung and Intrathoracic Structures, The Gastrointestinal Tract, and Effusions: Abdominal, Thoracic, and Pericardial chapters have been expanded for more complete and up-to-date coverage of these important topics.

Ophthalmology relies heavily on the practitioner's ability to visually recognize ocular features and abnormalities. This atlas contains hundreds of full-color pictures of normal and diseased eyes and related structures of dogs and cats as they might be seen during an ocular examination to facilitate visual recognition of problems for accurate diagnosis and treatment. Features over 800 vivid full-color illustrations that aid in the recognition of structures and lesions. Works as a wonderful companion piece to *Slatter: Fundamentals of Veterinary Ophthalmology* Contains pictures of both normal and diseased eyes and related structures of dogs and cats to aid in the identification and diagnosis of conditions encountered during ocular examination Features a consistent, systematic organization from anterior to posterior, including the orbit, in an easy-to-use format

An illustrated guide to the morphology of blood cells, *Atlas of Canine and Feline Peripheral Blood Smears* covers patient assessment for common hematologic disorders and diseases in dogs and cats. Over 1,000 full-color photomicrographs depict abnormalities within each blood cell line, with multiple pictures of each morphologic abnormality and variations in their appearance. Written by pathology experts Amy Valenciano, Rick Cowell, Theresa Rizzi, and Ronald Tyler, this concise reference will enhance your skills as you interpret blood smears and recognize hematological cellular response to inflammation, infection, and toxicity. Over 1,000 photomicrographs facilitate microscopic analysis and interpretation of the cellular components of the blood. Full-color, high-resolution images facilitate identification of different blood cell types, numbers, anomalies and conditions. Multiple representations of morphologic abnormalities aid in recognition of conditions where variations in appearance commonly occur. Practical information includes an overview of laboratory methods, equipment and supplies, sample collection, staining and handling, and diagnostic interpretation of blood smears. Coverage of 125 topics ranges from the morphology of erythrocytes to chronic myeloid leukemia. Spiral binding allows the book to lay open next to the microscope, making it a quick and easy reference while on the job.

Master the art and science of specimen collection, preparation, and evaluation with *Canine & Feline Cytology: A Color Atlas and Interpretation Guide, Second Edition*. This easy-to-use guide covers all body systems and fluids including a special chapter on acquisition and management of cytology specimens. Hundreds of vivid color images of normal tissue alongside abnormal tissue images - plus concise summaries of individual lesions and guidelines for interpretation - will enhance your ability to confidently face any diagnostic challenge. A greatly expanded image collection, with more than 1,200 vivid, full-color photomicrographic illustrations depicting multiple variations of normal and abnormal tissue for fast and accurate diagnosis Clear, concise descriptions of tissue sampling techniques, slide preparation and examination guidelines Helpful hints for avoiding technical pitfalls and improving diagnostic quality of specimens Includes all body systems and fluids as well as pathological changes associated with infectious agents Histologic and histopathologic correlates provided in all organ system chapters. User-friendly format and logical organization facilitates readability and learning. Expert contributors represent the most respected leaders in the field. NEW! Chapter on Fecal Cytology Highlighted boxes featuring Key Points provide helpful tips for best conceptual understanding and diagnostic effectiveness Photomicrographs now include more comparative histology Discussions of broader uses of stains and immunocytochemistry for differential cytologic characterization Expanded chapter on Advanced Diagnostic Techniques includes more methodology and application of current tools, representing advances in both aspiration and exfoliative cytology.

Skillfully integrating traditional concepts of Chinese medicine with clinical experience and modern scientific research, *Acupuncture for Dogs and Cats* brings together all current information in one convenient book. Its atlas-style format, highlighted by hundreds of full-color photographs and supporting text, makes it ideal as a quick, user-friendly reference in the clinic or training program. Special Features: An easy-to-use, double-page spread designed for fast retrieval of information--on the left, concise text describes the effects, indications, localization, technique, and depth of insertion for each acupuncture point; on the right, high-quality photographs demonstrate all concepts Bones and muscles have been precisely drawn into each photograph, a valuable tool for localization of points A comprehensive discussion of all acupuncture points in all channels ensures that you have full mastery of the field A complete introduction to the principles of traditional Chinese medicine (TCM), channel systems, TCM diagnostics, point selection, and point categories (such as Ting or Luo points) provide a strong foundation in the concepts of veterinary TCM The only book to focus solely on acupuncture for small animals, this handy, pocket-size atlas is unique in the field. It offers a wealth of practical knowledge and a pictorial reference for veterinarians, animal acupuncturists, students, and trainees whose goal is to provide the highest level of treatment to the animals in their care.

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.

Make accurate diagnoses by mastering techniques for specimen collection, preparation, and evaluation! Help students face diagnostic challenges with this guide to specimen collection and evaluation! Canine and Feline Cytology: A Color Atlas and Interpretation Guide, 3rd Edition provides a comprehensive overview of diagnostic cytology for companion animals, covering all body systems. Hundreds of photomicrographs show cytology of normal structures to contrast and support identification of cytology of inflammatory, hyperplastic, and neoplastic lesions. Enhancements to this new edition include more histopathologic correlates, expanded immunochemical stains and molecular-based testing to further define the neoplastic cell type, and descriptive schematics that illustrate pathophysiologic concepts. Written by seasoned veterinary cytologists Rose Raskin and Denny Meyer - with over 80 years of combined microscopic experiences - along with 20 expert contributors, this reference offers clear, practical guidelines to sampling procedures, slide preparation, and interpretation leading to diagnoses and/or classification of the cytologic findings. Comprehensive coverage of all body systems and body fluids - and the pathological changes associated with various infectious agents - emphasizes areas in which the application of cytology has the greatest diagnostic value. Exceptional-quality, full-color photomicrographs show both normal and abnormal tissue and also include detailed legends. Discussions of clinical, differential, and cytological diagnosis accompany the illustrations of lesions and conditions in each chapter. Helpful hints for improving specimen quality are provided in discussions of common errors and problems encountered in the preparation of cytological specimens. Coverage of histology in organ system chapters demonstrates the histological or histopathologic corollary of cytologic findings. Clear, concise descriptions include sampling techniques, slide preparation and examination, and guidelines for interpretation, leading to accurate in-house and commercial laboratory diagnosis. Easy-to-use, well-organized format includes many tables, algorithms, boxes, and Key Point callouts for at-a-glance reference. NEW examples and identifiers and a new discussion on artifacts address the latest developments in canine and feline cytology. NEW! Dozens of new images include photomicrographs of blood and bone marrow cytology. NEW! All-new appendix summarizes clinically relevant information on artifacts, special tests, specific characteristics, and much more. UPDATED sampling techniques and examination guidelines include information on how and where to test for specific conditions.

Atlas for the Diagnosis of Tumors in the Dog and Cat is a diagnostic tool for determining if samples are abnormal and defining the cause of the abnormality, with 386 clinical images depicting normal and abnormal results. Offers a brief overview of the methods used to produce a diagnosis and prognosis from a biopsy tissue sample Pairs photographs of biopsy samples with photomicrographs of cells obtained via fine needle aspirate Includes a useful chapter covering sample handling, staining, and shipping

Canine and Feline Infectious Diseases is a practical, up-to-date resource covering the most important and cutting-edge advances in the field. Presented by a seasoned educator in a concise, highly visual format, this innovative guide keeps you current with the latest advances in this ever-changing field. 80 case studies illustrate the clinical relevance of the major infectious disease chapters. Well-organized Major Infectious Diseases chapters break down content by etiologic agent and epidemiology, clinical signs and their pathophysiology, physical examination findings, diagnosis, treatment and prognosis, immunity, prevention, and public health implications. Over 80 case studies illustrate how the information provided can be applied in everyday practice. Logical approach to laboratory diagnosis guides you through all the steps needed to accurately diagnose and treat viral, bacterial, fungal, protozoal, and algal diseases. Practical protocols provided by expert clinicians guide you in the management of canine and feline patients suspected to have infectious diseases, including handling, disinfection, isolation, and vaccination protocols. Over 500 full color images – geographic distribution maps, life cycle drawings, and hundreds of color photographs – visually illustrate and clarify complex issues. Easy-to-understand tables and boxes make content quickly accessible, eliminating the need to sort through dense text for critical information in the clinical setting.

Atlas of Canine and Feline Urinalysis offers an image-based reference for performing canine and feline urinalyses, with hundreds of full-color images depicting techniques, physical characteristics, urine chemistry, and microscopic characteristics of urine sediment in dogs and cats. Presents hundreds of full-color images for reference and picture-matching while using urinalysis as a diagnostic tool Provides a complete guide to properly performing a urinalysis exam in the veterinary practice Emphasizes collection techniques, physical assessment, urine chemistry, and the microscopic sediment exam Covers casts, crystals, cells, organisms, and artefacts Offers a practical, visual resource for incorporating urinalysis into the clinic

Clinical Atlas of Canine and Feline Ophthalmic Disease provides an image-rich resource for diagnosing and treating ophthalmic conditions in clinical practice. • Presents more than 600 high-quality color photographs depicting commonly encountered ocular conditions in dogs and cats • Includes multiple images for each disease to show varying presentations • Organized for easy reference, covering the most commonly encountered conditions first • Designed for daily use in the busy clinical setting, allowing practitioners to quickly find and compare images as they see cases • Provides a concise summary of the most clinically relevant information on diagnosing and managing ophthalmic disease Presenting more than 266 full color anatomic drawings arranged by organ system, this book is dedicated exclusively to feline anatomy with emphasis on those areas of anatomy that are frequently encountered in clinical practice. It includes a highly detailed chapter on special senses which collects and organizes difficult to find information for quick access. Nomenclature is from Nomina Anatomica Veterinaria so that the feline anatomy is in line with that used in other textbooks of veterinary anatomy of the domestic animals. The book accurately captures the anatomy pertinent to clinical veterinary medicine.

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