

Color Atlas Of Small Animal Anatomy The Essentials

Covering the diagnosis and treatment of hundreds of dermatologic conditions, Muller and Kirk's Small Animal Dermatology, 7th Edition is today's leading reference on dermatology for dogs, cats, and pocket pets. Topics include clinical signs, etiology, and pathogenesis of dermatologic conditions including fungal, parasitic, metabolic, nutritional, environmental, and psychogenic. This edition includes full updates of all 21 chapters, and more than 1,300 full-color clinical, microscopic, and histopathologic images. Written by veterinary experts William Miller, Craig Griffin, and Karen Campbell, this resource helps students and clinicians distinguish clinical characteristics and variations of normal and abnormal facilitating accurate diagnosis and effective therapy. Over 1,300 high-quality color images clearly depict the clinical features of hundreds of dermatologic disorders, helping to ensure accurate diagnoses and facilitating effective treatment. Comprehensive coverage includes environmental, nutritional, behavioral, hereditary, and immune-mediated diseases and disorders. Well-organized, thoroughly referenced format makes it easy to access information on skin diseases in dogs, cats, and exotic pets. UPDATES of all 21 chapters include the most current dermatologic information. NEW editors and contributors add new insight and a fresh perspective to this edition.

Small Animal Ophthalmic Atlas and Guide offers fast access to a picture-matching guide to common ophthalmic conditions and key points related to diagnosing and managing these diseases. The first half of the book presents photographs of ophthalmic abnormalities with brief descriptions, as an aid for diagnosis. The second half of the book is devoted to concise, clinically oriented descriptions of disease processes, diagnostic tests, and treatments for each condition. Small Animal Ophthalmic Atlas and Guide is a useful tool for quickly and accurately formulating a diagnosis, diagnostic strategy, and treatment plan for small animal patients. Ideally suited for use in the fast-paced practice setting, this text provides both reference images and information for managing the disease in a single text. Small Animal Ophthalmic Atlas and Guide is an easy-to-use aid for small animal general practitioners, veterinary students, and veterinary interns seeking a quick yet complete guide to small animal ophthalmology.

A practical full-color reference on the recognition and diagnosis of dermatological disease in farm animals Color Atlas of Farm Animal Dermatology, Second Edition is an essential reference for veterinary dermatologists, practitioners, and students alike. Emphasizing recognition and diagnosis, the book combines hundreds of color photographs with clear and concise text highlighting clinical features, differentials, and diagnostic information for each disease. Coverage includes both common and uncommon diseases of cattle, goats, sheep, llamas and alpacas, and pigs. This new edition has been fully updated throughout, and now includes information on llamas and alpacas. Diseases covered include bacterial, fungal, parasitic, viral and protozoal, immunological, congenital and hereditary, environmental, nutritional and miscellaneous diseases, as well as neoplastic and non-neoplastic growths. Offers a practical quick reference to aid in the diagnosis of dermatological conditions in farm animals, including cattle, goats, sheep, pigs, alpacas, and llamas Contains more than 700 full-color images Covers all dermatological disease types, organized by species-specific sections Thoroughly updated and now including coverage of camelids Color Atlas of Farm Animal Dermatology, Second Edition is a must-have book for veterinary dermatologists, practitioners, and students who work on farm animals.

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.

Extraordinary accuracy and beautiful original artwork are just two features readers will find in this new resource, providing a basic foundation in domestic large animal anatomy. Its unique organization includes the anatomy of all organ systems in the various species, described in a consistent manner. The book presents relevant anatomy of the following species: * Horse (with contributors by Dr. Gayle Trotter) * Ox (with contributions by Dr. Fran Garry) * Sheep and goat (with contributions by Dr. Joan Bowen) * Llama and alpaca (with contributions by Dr. LaRue Johnson) * Swine (with contributions by Dr. LaRue Johnson) * and chicken (with contributions by Dr. John Avens). Features that enhance understanding: * Carefully selected labeling helps students learn and remember structures and relationships. * Male and female of a given species are depicted on facing pages so that topographic anatomy is easy to compare. * Structures common to various animals are labeled several times, whereas unique structures are labeled only on one or two species so students can make rapid distinctions of the structures peculiar to certain animals. * An introduction provides readers with a background in nomenclature and anatomic orientation so they can benefit from the atlas even if they lack training in anatomy. The Atlas depicts topographic relationships of major organs in a simple, yet technically accurate presentation that's free of extraneous detail so that those using the atlas can concentrate on the essential aspects of anatomy.

COLOR ATLAS OF CYTOLOGY OF THE DOG AND CAT is a comprehensive treatment of diagnostic cytologic techniques for companion animals. It includes a comprehensive range of normal tissue preparations as well as the most common inflammatory, hyperplastic, and neoplastic samples. It stands apart from other books on the market because of its comprehensive coverage of normal samples.

Atlas of Small Animal Wound Management and Reconstructive Surgery, Third Edition is a full-color atlas that maintains the surgical focus of earlier editions while now presenting essential information on basic principles of wound healing, wound management, and common wound complications. The new edition presents a wider variety of topics including skin fold disorders, urogenital surgery, new flap techniques, and an expanded chapter on facial reconstruction. It also features 40 new plate illustrations, new sections on bandage and splint techniques, and significant updates on wound healing physiology, equipment, and dressing materials.

Streamlined for practical, everyday use in the clinic, Small Animal Dermatology: A Color Atlas and Therapeutic Guide, 4th Edition provides concise, thorough information on more than 250 skin diseases affecting small animals. More than 1,400 high-quality images help to ensure accurate diagnoses, with coverage including recognizable clinical signs, top differentials, diagnostic tests, treatment recommendations, and prognosis for each disorder. The differential diagnosis chapter adds clarity to the difficult task busy students and practitioners face every day - identifying what dermatologic condition is causing a dog, cat, or exotic animal to suffer. Chapters list diseases based upon the frequency of their occurrence in the pet population, and detailed procedures include helpful illustrations of key techniques. Well-organized, concise, yet comprehensive, coverage of over 250 skin diseases in dogs, cats, birds, and exotic pets like rabbits, ferrets, hamsters, guinea pigs, gerbils, chinchillas, turtles, snakes, and lizards allows for quick and easy reference. Comprehensive drug appendices highlight information about dosage, adverse reactions, indications, and contraindications for antimicrobial, antiseborrheic, and antipruritic shampoo therapy, topical, otic, and systemic therapeutic drugs. Detailed procedures include helpful illustrations of key techniques. Thoroughly covers each disorder with recognizable clinical signs, top differentials, diagnostic tests, treatment recommendations, and prognoses. More than 1,450 vivid, full-color images in atlas format clearly demonstrate clinical appearance of skin lesions to facilitate accurate diagnosis and treatment. An atlas of before- and after-treatment images provides you with a compelling client communication tool to promote treatment acceptance and compliance. Emphasizes important information on the continuing emergence of zoonotic skin diseases in each chapter. UPDATED! Enhanced breed predisposition information demonstrates in which dogs and cats dermatologic conditions are more likely to occur. NEW! Pattern approach dermatology content describes (with topographical images) where on the body, and in what formations, common dermatologic diseases exhibit. NEW! Updated key charts and tables, including: diseases affecting particular body regions, classification of common diseases by age of onset, and classification of symmetrically distributed disease from asymmetric disease. EXPANDED! Enhanced coverage of MRStaph and zoonotic and contagious skin diseases so you stay in the know. FNEW! Additional content on how cats may present with allergic skin disease shows you how to properly diagnose feline NEW! Hundreds of new, high-quality images showcase better examples of conditions discussed in the text. UPDATED! Two thoroughly revised chapters include the most up-to-date information on differential diagnoses, algorithms, and diagnostic techniques. NEW! Co-authored by a recognized consulting dermatologist, Dr. Adam P. Patterson, making this an authoritative resource for the diagnosis of skin disease in small animals. NEW! Addition of bulleted content within each disease description informs you of specific indications of when it is necessary to culture and biopsy skin. UPDATED! The latest coverage on select diseases throughout, such as SLIT and Apoquel. NEW! Updated cutaneous lesions content with accompanying clarifying images explain what they mean and look like. UPDATED! Pyoderma content described based on the depth of disease, corresponding lesions, diagnostic/treatment plan, and common clinical entities of pyoderma fitting the depth of disease.

A unique, case-based guide to diagnosing and treating a wide range of conditions encountered in canine internal medicine Canine Internal Medicine: What's Your Diagnosis? is an ideal guide to how internal medicine cases are handled in the clinical setting. This text is part of an exciting series, which combines problem-based learning, case studies, and questions and answers. Designed for veterinarians in practice and students, the series presents material in a format designed to enhance critical thinking and understanding. Adopting a case-based approach, chapters are built around body systems and are directed by questions to test the reader's ability to interpret clinical history, illustrative images and diagnostic results in order to provide differential diagnoses, diagnostic plans and treatment options. Common pitfalls in diagnosis and management are discussed, and you will benefit from the experience of the author as a busy and experienced clinician. An innovative and interesting way to increase knowledge and skills in canine internal medicine, Canine Internal Medicine: What's Your Diagnosis? is an indispensable resource for veterinary students, veterinarians in small animal practice, and those studying for post-graduate qualification in small animal medicine.

Color Atlas of Small Animal Anatomy The Essentials John Wiley & Sons

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.

Color your way to a complete mastery of veterinary anatomy with Veterinary Anatomy Coloring Book, 2nd Edition. Approximately 400 easy-to-color illustrations and

corresponding anatomical descriptions guide you through the head, neck, back, thorax, abdomen, extremities, reproductive organs, and many more body parts of dogs, cats, horses, pigs, cows, goats, and birds. Plus, a new section on exotics takes you through the anatomy of ferrets, rodents, rabbits, snakes, and lizards to ensure you are well versed in all potential household pets. With this vivid change-of-pace study tool, you have the freedom to master veterinary anatomy in a fun and memorable way. Over 400 easy-to-color illustrations created by expert medical illustrators shows anatomy in detail and makes it easy to identify specific structures for an entertaining way to learn veterinary anatomy. Regional section organization (the head and ventral neck; neck, back, and vertebral column; thorax; abdomen; pelvis and reproductive organs; forelimb; and hindlimb) allows students to easily compare the anatomy of multiple species. Numbered lead lines clearly identify structures to be colored and correspond to a numbered list beneath the illustration. NEW! Section on exotics covers the anatomy of ferrets, rodents, rabbits, snakes and lizards in addition to the anatomy of dogs, cats, horses, pigs, cows, goats, and birds.

Rev. ed. of: Small animal dermatology / Linda Medleau, Keith A. Hnilica. 2nd ed. c2006.

This book offers a state-of-the-art, evidence-based reference to all aspects of veterinary cytology. Truly multidisciplinary in its approach, chapters are written by experts in fields ranging from clinical pathology to internal medicine, surgery, ophthalmology, and dermatology, drawing the various specialties together to create a comprehensive picture of cytology's role in diagnosis and treatment of animal disease. Firmly grounded in the primary literature, the book focuses on companion animals, with special chapters for species with fewer publications. Chapters are logically organized by body system, with additional chapters on tumors of particular import and diagnostic decision making. The first two sections of Veterinary Cytology focus on cytology techniques, quality control, and special laboratory techniques. Subsequent sections are organ/tissue-based and reflect what is known about the canine, feline, and equine species. This is followed by chapters on non-traditional species, including exotic companion mammals, rabbits, cattle, camelids, non-human primates, reptiles and birds, amphibians, fish, invertebrates, and sheep and goats. The last section highlights some unique features of the applications of cytology in industry settings. Provides a gold-standard reference to data-driven information about cytologic analysis in companion animal species Brings together authors from a wide range of specialties to present a thorough survey of cytology's use in veterinary medicine Offers broader species coverage and greater depth than any cytology reference currently available Veterinary Cytology is an essential resource for clinical and anatomic pathologists and any specialist in areas using cytology, including veterinary oncologists, criticalists, surgeons, ophthalmologists, dermatologists, and internists.

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.

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

Streamlined for practical, everyday use in the clinic, Small Animal Dermatology: A Color Atlas and Therapeutic Guide, 4th Edition provides concise, thorough information on more than 250 skin diseases

affecting small animals. More than 1,400 high-quality images help to ensure accurate diagnoses, with coverage including recognizable clinical signs, top differentials, diagnostic tests, treatment recommendations, and prognosis for each disorder. The differential diagnosis chapter adds clarity to the difficult task busy students and practitioners face every day – identifying what dermatologic condition is causing a dog, cat, or exotic animal to suffer. Chapters list diseases based upon the frequency of their occurrence in the pet population, and detailed procedures include helpful illustrations of key techniques. Well-organized, concise, yet comprehensive, coverage of over 250 skin diseases in dogs, cats, birds, and exotic pets like rabbits, ferrets, hamsters, guinea pigs, gerbils, chinchillas, turtles, snakes, and lizards allows for quick and easy reference. Comprehensive drug appendices highlight information about dosage, adverse reactions, indications, and contraindications for antimicrobial, antiseborrheic, and antipruritic shampoo therapy, topical, otic, and systemic therapeutic drugs. Detailed procedures include helpful illustrations of key techniques. Thoroughly covers each disorder with recognizable clinical signs, top differentials, diagnostic tests, treatment recommendations, and prognoses. More than 1,450 vivid, full-color images in atlas format clearly demonstrate clinical appearance of skin lesions to facilitate accurate diagnosis and treatment. An atlas of before- and after-treatment images provides you with a compelling client communication tool to promote treatment acceptance and compliance. Emphasizes important information on the continuing emergence of zoonotic skin diseases in each chapter.

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

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

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 Designed to provide students with a foundation in understanding and interpreting histologic and cytologic preparations, Color Atlas of Veterinary Histology is a practical benchside reference focusing on the normal histology of eight common domestic species. This Third Edition has been revised with new images, information, and updated terminology throughout. Introductory chapters have also been expanded to offer more complete coverage of the basic types of tissues, providing an even more thorough grounding in the principles of histology. For the first time, the more than 900 photomicrographs are available digitally in an interactive atlas on CD, offering images available for download with zoom capability. The new edition of this veterinary-specific histology atlas provides veterinary and veterinary technician students with an essential pictorial resource for interpreting histologic preparations.

Background Lesions in Laboratory Animals will be an invaluable aid to pathologists needing to recognize background and incidental lesions while examining slides taken from laboratory animals in acute and chronic toxicity studies, or while examining exotic species in a diagnostic laboratory. It gives clear descriptions and illustrations of the majority of background lesions likely to be encountered. Many of the lesions covered are unusual and can be mistaken for treatment-related findings in preclinical toxicity studies. The Atlas has been prepared with contributions from experienced toxicological pathologists who are specialists in each of the laboratory animal species covered and who have published extensively in these areas. over 600 high-definition, top-quality color photographs of background lesions found in rats, mice, dogs, minipigs, non-human primates, hamsters, guinea pigs and rabbits a separate chapter on lesions in the reproductive systems of all laboratory animals written by Dr Dianne Creasy, a world expert on testicular lesions in laboratory animals a chapter on common artifacts that may be observed in histological glass slides extensive references to each lesion described aging lesions encountered in all laboratory animal species, particularly in rats in mice which are used for carcinogenicity studies

Step-by-step visual guideline of key procedures in veterinary practice. Includes discussion and illustration of blood collection and injection techniques, IV catheterization and oral administration, eye and ear exams, urethral catheterization, rectal exam, intubation, dental prophylaxis, fine-needle aspiration, enema, CSF collection--and many more procedures from the standpoint of preparation, equipment needed, execution, and complications. Also presents physical diagnosis of each body system through observation, auscultation, percussion, and palpation; discusses and illustrates abnormalities within each body system. Each physical diagnosis chapter has an opening section on applied anatomy.

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

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.

Color Atlas of Equine Pathology offers a practical guide to identifying equine diseases, presenting a single resource with more than 1000 images showing predominantly gross pathology. Organized by body systems, the book allows for picture matching during or after an equine necropsy. In this user-friendly atlas, each chapter takes a common format, presenting the disease process as well as congenital, degenerative, inflammatory, and neoplastic sequences, with text boxes offering quick reference to key information. The book begins with an introductory chapter summarizing the principles of the equine field necropsy, and subsequent organ-based chapters depict gross features of disease, focusing on macroscopic digital images supplemented by histology and immunohistochemistry when necessary. Some clinical information for correlation with pathology is included. Color Atlas of Equine Pathology is an essential resource for diagnostic veterinary pathologists and pathology residents, as well as for equine practitioners performing necropsies in the field. Key features: Presents more than 1,000 high-quality color images showing primarily gross pathology and significant histopathology and indirect immunohistochemistry. Aids identification of equine disease, with a user-friendly format to show the correlations between clinical signs and gross and microscopic lesions. Provides a comparison guide for clinical presentations during or after an equine necropsy. Offers a synopsis of the principles of the equine field necropsy. Covers diseases found in the neonate, juvenile, and adult horse. Focuses on diseases usually found in North America.

This is a concise and quick reference guide, clinically oriented, based on experience underpinned by published research data. The book covers anesthetic equipment, monitoring, premedication, intravenous induction agents, injectable anesthetic combinations, inhalant anesthesia, anesthesia for specific diseases, fluid therapy, anesthetic emergencies and complications, acute and chronic pain management. Drug dosages and anesthetic protocols are provided in tabular form. The book contains a wealth of superb illustrations.

Small Animal Anesthesia and Pain Management is of value to all those who need practical information easily to hand: small animal practitioners, veterinary technicians/nurses, and veterinary students.

Combining essential hematology content with the diagnostic features of an atlas, *Veterinary Hematology: A Diagnostic Guide and Color Atlas* delivers all the information you need to accurately assess and diagnose the blood diseases of common domestic animals — including dogs, cats, horses, cattle, sheep, goats, pigs, and llamas. This all-in-one resource utilizes a clinically-oriented and user-friendly approach to guide you through the processes of selecting relevant diagnostic tests, collecting and preparing samples, interpreting sample results, and determining their clinical significance. High-resolution photomicrographs, full-color illustrations, and excellent schematic drawings, tables, and quick-reference algorithms help you clearly visualize these concepts and procedures. Two books in one gives you the information of a user-friendly, clinical textbook and the diagnostic features of a color atlas in a single reference. Practical, clinically-relevant text is comprehensive and yet concise in its delivery of vital information such as: Principles and procedures that are employed in recognizing normal, abnormal, and artifactual features of blood and bone marrow samples and developing accurate diagnoses. Common cytochemical stains and summary charts for interpretation. Sample collection, staining procedures, and diagnostic techniques. Differentiating features of malignant and benign hematologic disorders. Miscellaneous cells and blood parasites and their significance in the evaluation of blood smears. Hematopoietic and non-hematopoietic neoplasms. High-resolution photomicrographs and excellent schematic drawings, tables, boxes and quick-reference algorithms aid your understanding of basic clinical concepts and differential diagnostic considerations. Over 800 full-color illustrations help you clearly visualize the concepts and clinical features of the blood and bone marrow — from normal cell maturation to the development of various pathologies.

Following critical acclaim for the first and second editions of *Skin Diseases of the Dog and Cat*, this new third edition has been thoroughly updated while preserving the inherent strengths of the book. The practical handbook takes a problem-oriented approach, with 13 chapters covering dermatoses classified by their principle presenting sign, including a brand new chapter on diseases of abnormal keratinization and scaling. • A concise, systematically structured text covering definition, aetiology and pathogenesis, clinical features, differential diagnoses, diagnostic tests, and management. • The focus is on clinical practice and the need to explain the disease to the owner • Superb and generously sized colour photographs and diagrams • The clear user-friendly design shows one condition per page or spread of pages • Referenced throughout to give the clinician access to

the literature The resulting book is practical, extensive and up-to-date in its content, as well as being beautifully illustrated and designed.

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 Updated to reflect tremendously expanded knowledge of the anatomy of the dog, this new edition describes and illustrates the specific morphology of the dog with some reference to other species. With eight new contributors, this text includes more in-depth understanding of the nervous system, fetal growth, bone formation, the lymphatic system, the organization of the brain, the structure of the eye and ear, and more! No other book on the anatomy of the dog has such up-to-date detail of structure as this third edition. Book plus fully searchable electronic access to text.

This book accompanies Infectious Diseases and Pathology of Reptiles, Second Edition to cover noninfectious diseases of reptiles, meeting the need for a similar, authoritative single-source reference. The volume features color photos of normal anatomy and histology, as well as gross, light, and electron microscopic imagery of diseases. Subjects range from neoplasia, nutrition, and metabolic disease, and deposition disorders to developmental anomalies, trauma, and physical diseases, and the unique contribution of paleopathology and diseases of bone. Each chapter is supported by numerous figures, many of which are unique and cannot be found in the published literature. Readers will note that some of the chapters are based on organ system, a trend that will continue into the next edition to encompass all of the basic organ systems. This book holds the most information ever accrued into one publication on noninfectious diseases and pathology of this class of animals, providing information on every aspect of the anatomy, pathophysiology, and differential diagnosis. With up-to-the-minute data, a never-before-seen collection of images, and a stellar panel of contributors, Noninfectious Diseases and Pathology of Reptiles is the definitive resource for veterinarians, biologists, and researchers involved in the study of reptile diseases.

Small Animal Critical Care Medicine is a comprehensive, concise guide to critical care, encompassing not only triage and stabilization, but also the entire course of care during the acute medical crisis and high-risk period. This clinically oriented manual assists practitioners in providing the highest standard of care for ICU patients. More than 150 recognized experts offer in-depth, authoritative guidance on clinical situations from a variety of perspectives. Consistent, user-friendly format ensures immediate access to essential information. Organ-system, problem-based approach incorporates only clinically relevant details. Features state-of-the-art invasive and non-invasive diagnostic and monitoring procedures, as well as an extensive section on pharmacology. Appendices provide conversion tables, continuous rate infusion determinations, reference ranges, and more.

Clinical Atlas of Small Animal Cytology provides an essential guide for interpreting cytologic samples to diagnose small animal patients. Features photographs of diseases with a diagnosis confirmed by pathognomonic cytologic features, histopathology, special stains, microbial culture, or other confirmatory tests Emphasizes characteristic features of each disease and distinguishing features Provides multiple images to differentiate cells from lesions that could look similar Presents more than 500 representative high-quality images The second edition of this bestselling, full-color atlas is designed to assist in the recognition of skin disorders afflicting dogs and cats, as well as the other mammals encountered in small animal veterinary practice. The completely rewritten text includes accessible new sections on hypersensitivities, auto immune and endocrine disorders, environmental problems and more. Clear, quality photographs assist recognition. Spanish version also available, ISBN: 84-8174-145-0

This new resource provides a basic foundation in small animal anatomy for students of veterinary medicine, animal science, and veterinary technology. Extraordinary accuracy and beautiful original artwork make this a truly unique learning tool that includes the anatomy of all organ systems in the dog, cat, rabbit, rat, and guinea pig - all described in a consistent manner. Learning features include: carefully selected labeling helps students learn and remember structures and relationships; male and female of species are depicted on facing pages so topographic anatomy can be compared; structures common to various animals are labeled several times, whereas unique structures are labeled on one or two species so students can make rapid distinctions of the structures peculiar to certain animals; and an introduction that provides readers with a background in nomenclature and anatomic orientation so they can benefit from the atlas even if they lack training in anatomy. The Atlas depicts topographic relationships of major organs in a simple, yet technically accurate presentation that's free from extraneous material so that those using the atlas can concentrate on the essential aspects of anatomy. It will be an invaluable resource for veterinary students, teachers and practitioners alike.

Now in its Fifth Edition, Functional Anatomy and Physiology of Domestic Animals provides a basic understanding of domestic animal anatomy and physiology, taking an interconnected approach to structure and function of the horse, dog, cat, cow, sheep, goat, pig, and chicken. Offers a readable introduction to basic knowledge in domestic animal anatomy and physiology Covers equine, canine, feline, bovine, ovine, ruminant, swine, and poultry anatomy and physiology Considers structure and function in relation to each other for a full understanding of the relationship between the two Provides pedagogical tools to promote learning, including chapter outlines, study questions, self-evaluation exercises, clinical correlates, key terms, suggested readings, and a robust art program Includes access to a companion website with video clips, review questions, and the figures from the book in PowerPoint

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

Endoscopy has broadened the application of the "art" of diagnosis in practice and permitted the development of a new field of therapeutics. With the new units and techniques described in this volume, orifices and tubular structures can be explored, and sterile body cavities can be entered in a controlled manner that minimizes the trauma associated with more invasive techniques. The atlas illustrates endoscopy's potential role in diagnosis and therapy of dogs and cats, reptiles and amphibians, birds, and primates. It includes discussions of equipment, maintenance, correct placement and insertion, potential pitfalls, and more. Color Atlas of Small Animal Endoscopy is a "must-have" for all veterinarians and small animal practitioners.

The Color Atlas of Small Animal Necropsy was written to serve as a guide for veterinary students, technicians, and clinicians on the important aspects of necropsy in dogs and cats. Using over 230 vivid color photographs, it aims to show the reader the proper standardized necropsy dissection technique, as well as to familiarize the prosector with examples of common gross and microscopic lesions, detail important preparatory pre-necropsy considerations, and discuss common diseases and disease processes.

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