

Pathology Feline Clinical Of Canine And Bsava Manual

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.

Common Clinical Presentations in Dogs and Cats is a reliable resource and quick reference to essential information for diagnosing canine and feline patients, based on presenting complaints. The text takes a problem-oriented approach to recognizing common clinical conditions, and introduces diagnostic and treatment plans for companion animal practice. Equally useful for veterinary students and practicing clinicians, the book presents 78 chapters grouped by body system, for ease of access. Each chapter focuses on identifying the chief complaint, pinpointing possible diagnoses, and determining the clinical approach to patient care. The book is richly illustrated throughout with clinical photographs and line drawings that demonstrate the concepts presented. *Common Clinical Presentations in Dogs and Cats* is an essential resource that:

- Gives clinicians fast access to essential details for approaching common case presentations in dogs and cats and forming a correct diagnosis
- Presents information by clinical signs, organized by body system
- Takes a standardized chapter format for ease of use
- Includes color photographs and line drawings to illustrate the conditions discussed

Written for small animal general practitioners and veterinary students, *Common Clinical Presentations in Dogs and Cats* is a patient-side reference that can help practitioners gain the knowledge and confidence to correctly diagnose a wide range of clinical presentations.

Dr. Stefano Pizzirani has assembled an expert panel of authors on the topic of small animal Glaucoma. Articles include: Functional anatomy of the outflow facilities, Epidemiology of idiopathic canine glaucoma, Pathophysiology and classification of idiopathic canine glaucoma, Genetics of idiopathic canine glaucoma, Clinical signs, Medical treatment of idiopathic canine glaucoma, Ocular pathology in canine

glaucoma, Feline Glaucoma, and more!

Advances in Intervertebral Disc Disease in Dogs and Cats defines our present knowledge of this common clinical problem, compiling information related to the canine and feline intervertebral disc into a single resource. As a comprehensive, focused work, the book is an authoritative reference for understanding and treating disc disease, providing a sound scientific and clinical basis for decision making. Offering an objective synthesis of the current literature, the book supplies guidance on the approach to a potential disc rupture, surgical and medical strategies, and management of the patient. Offering a complete understanding of intervertebral disc disease, the book describes and discusses the controversies and issues surrounding this topic, acknowledging the gaps in our knowledge. *Advances in Intervertebral Disc Disease in Dogs and Cats* presents up-to-date, reliable information on this common condition for veterinary surgeons and general practitioners. Key features

- Describes the current knowledge of disc disease in dogs and cats
- Provides a state-of-the-art, complete resource focused entirely on this common clinical problem
- Gives an objective picture of the controversies around intervertebral disc disease in canine and feline patients
- Presents evidence-based and clinically relevant information for understanding and treating intervertebral disc disease
- Offers clear clinical recommendations grounded in the current literature

Part of the *Advances in Veterinary Surgery* series copublished with the ACVS Foundation

This book provides an in-depth review on various aspects of canine and feline hypertension. Physiology, pathophysiology, epidemiology and pathological consequences of high blood pressure in cats and dogs are discussed. A comparative approach is taken, the underpinning research is critically evaluated and knowledge gaps identified. In addition, the reader is presented with evidence-based treatment strategies. The book targets researchers, graduate students and clinical specialists in small animal internal medicine as well as veterinary clinicians with interest in nephrology, cardiology, neurology and ophthalmology.

Although there are books available dealing with canine parasitology, there is at present no book detailing parasites that offers clinical information specific to felines. Cats differ significantly from dogs in their parasitic infections and infestations. Although dogs and cats do share a few parasites, the vast majority of the parasites of these pets are specific to either cats or dogs, not to both. This must-have reference offers an in-depth examination of feline parasites. Topics covered include parasite identification, history, geographic distribution, pathogenesis, epidemiology, zoonosis, diagnosis, treatment, control, and prevention. Because of the immense worldwide popularity of cats and due to the amount of travel undertaken by cats and their owners, the authors have produced a book that is international in scope. Consequently, this exhaustive reference has strong appeal to practitioners and veterinary parasitologists in North America and around the world.

Wish you could interpret cytological specimens in practice rather than paying a lab to do it for you? Want to provide your clients with a faster service? *Manual of Diagnostic Cytology of the Dog and Cat* is the ideal quick reference for the busy veterinarian in first opinion practice. It describes techniques for obtaining good quality cytological diagnostic specimens, and guides you through the interpretation of cytological findings. Created to be used alongside the microscope, hundreds of high quality colour photos will help you to identify normal cell types and abnormal cytology, including both non-neoplastic and neoplastic lesions. It describes in a clear and concise manner the most common lesions and related disorders encountered in a practice setting. The concise format means that you can quickly find exactly what you're looking for. Covering indications for cytological investigation, collection techniques and the evaluation and interpretation of findings, this concise manual will be your go-to resource.

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.

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.

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 book discusses canine and feline skin cytology and the importance of this diagnostic tool in interpreting skin lesions. With more than 600 clinical and cytological color pictures, it explains the cytological patterns observed in all cutaneous inflammatory and neoplastic lesions in cats and dogs, as well as cutaneous metastasis of non-primary skin neoplasms. The first part of the book describes cell morphology and cytological patterns, providing an overview of the normal structure of the skin. In the second chapter, readers learn how to choose the best techniques for different types of lesions. Further chapters present the cytological findings in the main inflammatory and neoplastic skin diseases. By focusing on the macroscopic aspects of the lesions from which the cells are collected, it helps readers to interpret cytological specimens. The final chapter explores the cytology of cutaneous metastasis from internal organs or accessory glands. This book offers veterinary students and practitioners alike an essential diagnostic tool.

This book offers a sampling of cytological features and patterns as an aid to study, revision and continuing education for veterinarians in practice and training, for veterinary students, nurses, and technicians. The cases are presented randomly, are illustrated by 267 photomicrographs in full color, and appear as self-assessment questions and detailed explanatory answers. Species covered include the dog, the cat, and the horse, with additional material on the cow.

Canine and Feline Anesthesia and Co-Existing Disease is the first book to draw together clinically relevant information on the anesthetic management of dogs and cats with existing disease conditions. Providing a detailed reference on avoiding

and managing complications resulting from concurrent disease, the book offers a ready reference for handling anesthesia in patients with common presenting diseases. Organized by body system, *Canine and Feline Anesthesia and Co-Existing Disease* is designed to allow the reader to quickly find and apply advice for anesthetizing patients with specific conditions. Each chapter presents in-depth, practical information on the special considerations before, during, and after sedation and anesthesia of a patient with a given disease. *Canine and Feline Anesthesia and Co-Existing Disease* is a useful reference for general practitioners, veterinary students, specialists in a variety of areas, and veterinary anesthesiologists alike.

The prevalence of urinary tract diseases and disorders in small animal practice is higher than ever. The 2nd edition of *Canine and Feline Nephrology and Urology* makes it easy to find the information you need to accurately diagnose and manage diseases and disorders of the urinary tract in dogs and cats. Its concise outline format features practical clinical content, line drawings that clearly illustrate the initiation and progression of disease, photographs that demonstrate the clinical appearance of various lesions, and tables and boxes that offer essential information at a glance. Expert authors Dennis J. Chew, Stephen P. DiBartola, and Patricia Schenck keep you current with revised and brand-new content based upon the latest studies and evidence-based medicine, helping you prevent and most effectively manage kidney, bladder, and related conditions. Outline format with concise, clinically focused content helps you quickly and easily find the information you need to accurately diagnose and effectively manage urinary tract diseases and disorders. Practical clinical tips and guidelines including algorithms, FAQs, and case management recommendations. Special boxes highlight key information at a glance. Concise, need-to-know information about renal and lower urinary tract pathophysiology provides essential background for clinical application. Evidence-based coverage of hot topics such as the relationship between behavioral stressors and urinary tract disease, treatments for idiopathic cystitis, and dietary modifications for the prevention and treatment of urinary tract problems helps you provide the latest and best care for your patients.

Blackwell's Five-Minute Veterinary Consult Clinical Companion: Canine and Feline Behavior, Second Edition offers fast access to reliable, practical information on managing common behavior disorders in dogs and cats. Takes a new section approach to allow for easier browsing Adds 19 new topics or algorithms covering separation anxiety, thunderstorm sensitivity, introducing pets to the family and each other, enrichment, geriatric behavior problems, handling techniques, urine marking, leash reactivity, pediatric behavior problems and best practices, and rescue pets Offers a comprehensive guide to diagnosing and managing behavior problems in dogs and cats Designed for fast access to information, with identically formatted topics for ease of use Includes access to a companion website providing 43 client education handouts for download and use, including 25 brand-new handouts This sourcebook reviews procedures and techniques currently or soon to be available and presents a logical basis for selecting appropriate assays. The second half teaches problem-solving on a systemic basis. High-quality color photographs supplement narrative.

With a unique focus on the most effective interventional techniques, *Withrow & MacEwen's Small Animal Clinical Oncology, 5th*

Edition tells the full story of cancer in dogs and cats — what it is, how to diagnose it, and how to treat many of the most common cancers encountered in clinical practice. Nearly 500 color photographs, diagrams, x-rays, and gross views depict the clinical manifestations of various cancers. This edition covers the latest advances in clinical oncology, including chemotherapy, surgical oncology, and diagnostic techniques. With contributions from 65 veterinary oncology experts, this authoritative reference is a must-have for current, evidence-based therapeutic strategies on canine and feline oncology. "I really love this book. If you are interested in veterinary oncology, have a flick through this book online or at a conference when you get the chance. I hope that you agree with me that this is the definitive oncology reference source for the early 21st century and that you feel compelled to buy it. Your patients will thank you for it." Reviewed by: Gerry Polton MA VetMB MSc(Clin Onc) DipECVIM-CA(Onc) MRCVS, UK Date: July 2014 Cutting-edge information on the complications of cancer, pain management, and the latest treatment modalities prepares you to diagnose and treat pets with cancer rather than refer cases to a specialist. A consistent format for chapters on body system tumors includes coverage of incidence and risk factors, pathology, natural behavior of tumors, history and clinical signs, diagnostic techniques and workup, treatment options, and prognosis for specific malignancies. A systems approach to the diagnosis and management of cancer facilitates access to information about the many malignancies affecting small animal patients. Nearly 500 color images provide accurate depictions of specific diseases and procedures. Helpful drug formularies provide quick access to information on indications, toxicities, and recommended dosages for chemotherapeutic and analgesic drugs used in cancer treatment. Expert contributors provide in-depth coverage of the most current information in his or her respective specialty in veterinary oncology. Chemotherapy protocols are included when case studies prove clinical efficacy. Discussion of compassion and supportive care for the management of pain, nutritional needs, and grief includes methods for handling the pet's pain and nutritional complications as well as the pet owner's grief when treatment is not successful. Thoroughly UPDATED chapters cover the most recent changes in the clinical management of melanoma, mast cell tumors, tumors of the skeletal system, tumors of the endocrine system, tumors of the mammary gland, urinary cancers, nervous system cancers, lymphoma, and histiocytic diseases. NEW Clinical Trials and Developmental Therapeutics chapter discusses the various phases of clinical trials as well as current challenges and opportunities in oncology drug development. NEW! A focus on the best recommended treatment options highlights therapeutic strategies that have been vetted by veterinary oncology experts. NEW co-author Dr. Rodney L. Page adds his valuable perspective, expertise, and research experience.

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

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

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.

Prior to publication of the first edition of *Clinical Medicine of the Dog and Cat*, no other comprehensive small animal veterinary medicine book existed with a comparable amount of relevant illustrated material. This new third edition continues and expands on the revolutionary approach of the previous two editions, now including more than 1,850 highly valuable clinical colour photographs, diagrams, and tables. The third edition of this book has been completely revised and updated. The book is now divided into five color-coded sections – General Approach, Disease of Specific Organ Systems, Multisystemic Disorders, Elements of Therapy and Case Studies. As with the first and second editions of this book the overriding principle of succinct, yet comprehensive text presented in a clear format with an abundance of good quality images remains. Section I: General Approach is completely new and covers medical history and client communication, and common clinical problems. Section II: Specific Organ Systems is organized by body system with chapters structured in a systematic manner that include the definition for each disorder, its causes, clinical features, differential diagnoses, diagnostic methodology, treatment and prognosis, providing readers with easy access to important clinical information. New to this section are chapters covering diseases of the oral cavity and teeth, approach to thoracic radiographs, approach to abdominal radiographs, and disorders of hemostasis. Section III: Multisystemic Disorders covers revised and updated chapters including clinical toxicology, infectious diseases, and immunologic disorders. Section IV: Elements of Therapy covers therapies such as fluid therapy, pain management, nutrition of the critically ill dog and cat and a new chapter on management of the obese dog or cat. Section V: Case Studies includes over 25 case studies that enable the reader to relate the knowledge gained in the book to clinical cases seen in practice. Written by board-certified experts with several case contributions by clinicians in advanced phases of resident training, topics were carefully selected to make this a valuable resource to the general practitioner and also to small animal interns and veterinary students.

Clinical Pathology for the Veterinary Team is a concise, reliable resource for technical team members performing clinical diagnostic evaluation. Focusing on sample handling, machinery calibration, normal physiology and anatomy, clinical diagnostics, and disease processes, the book helps technical team members to consistently achieve high-quality results in small animal lab work. An essential bench-side reference for in-house laboratories, the book includes a DVD with interactive cases to build skills in reading and interpreting digital slides. With chapters on blood counts, chemistry, urinalysis and electrolytes, advanced diagnostics, and cytology, *Clinical Pathology for the Veterinary Team* offers key technical information for consistently obtaining and evaluating samples. The book is a practical resource for anyone performing lab work, including veterinary technicians, technician and veterinary students, and veterinarians.

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

This book provides in-depth information about common clinical laboratory assays that are used to evaluate domestic mammals, including what assays measure, sample or assay conditions that affect results, and what results indicate about the physiologic or pathologic state of a patient. Whenever possible, diseases and conditions are grouped by common mechanisms or processes to promote a conceptual understanding of laboratory data that can be generally applied across many species. New to the second edition are additional disorders, diagnostic tests, illustrations, images, references, and pathophysiologic explanations. This text has proven valuable to students and veterinarians wanting a fundamental understanding of veterinary clinical pathology.

The book deeply focuses on the epidemiology, diagnostics, therapy and molecular basis of canine and feline dementia or cognitive dysfunction syndrome. The aim is to provide a broad overview of the current knowledge on canine and feline dementia. Experiences of clinicians are appropriately linked with current scientific knowledge in a readily comprehensible form. In the first three chapters we describe the clinical pictures of canine and feline dementia, discuss the medical causes of the disease and its phenotypic variability. In the 4th chapter we introduce the dog as an appropriate animal model for human Alzheimer's disease progression. Then we shed light on the neuropathological hallmarks of canine and feline dementia. For the first time we touch upon the modern diagnostic approaches based on the neuroproteomic technological progress. Last but not least, we address the current pharmacological and non-pharmacological approaches for therapy and risk and protective factors of feline and canine dementia. The book addresses clinicians, researchers, university teachers and graduate students in veterinary neurology and medicine.

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.

Diagnosis is often the most challenging part of dermatology. Diagnostic dermatology melds both clinical and histopathologic diagnosis by correlating the clinical and microscopic features of skin disease. This book is a heavily illustrated comprehensive overview of clinical dermatology and dermatopathology that will provide the reader with the tools to accurately diagnose skin disease in the dog and cat. The book will prove an indispensable reference for veterinary dermatologists, diagnostic pathologists, and small animal practitioners who seek to improve their skill in diagnostic dermatology. Completely revised second edition, with many new disease descriptions Now with colour clinical photographs illustrating all of the non-neoplastic skin diseases (previous edition had black and white photographs only) Written by internationally renowned experts, it provides a comprehensive overview of clinical dermatology and dermatopathology for all those interested in skin diseases of dogs and cats.

Illustrated with high-quality photomicrographs, *Differential Diagnosis in Small Animal Cytology: The Skin and Subcutis* is a comprehensive resource for identifying through cytology the most common cutaneous and subcutaneous diseases of dogs and cats. With key points describing the main clinical and cytological features of each lesion, the book provides lists of differential diagnoses, including diagnostic algorithms, and handy 'hints and tips' boxes. It is also enriched by chapters on the correct use and maintenance of the microscope, and techniques of collection and preparation of cytological specimens, making the book a valuable resource for veterinary pathologists (clinical and anatomic), residents, veterinary undergraduate students and small animal practitioners. Key features: -Over 130 photomicrographs of the most common skin and subcutaneous lesions to help with diagnosis. -Ideal reference book with concise descriptions of each lesion. -Organised into key bullet points to facilitate use during diagnostic work, or as a revision aid.

This is a Pageburst digital textbook; No other quick reference comes close in covering the diagnosis and treatment of hundreds of diseases in dogs and cats. Etienne Cote's *Clinical Veterinary Advisor: Dogs and Cats, 2nd Edition* is like six books in one -- with concise topics within sections on diseases and disorders, procedures and techniques, differential

diagnosis, laboratory tests, clinical algorithms, and a drug formulary. Revised from cover to cover, this edition includes dozens of new topics. It also includes free access to a fully searchable companion website featuring an electronic version of the text, all of the book's images, a searchable drug formulary, and 150 Client Education Sheets in both English and Spanish. Section I: Diseases and Disorders provides at-a-glance coverage of nearly 800 common medical problems, arranged alphabetically for immediate access. Entries include a definition, synonyms, epidemiology, clinical presentation, etiology and pathophysiology, differential diagnosis, workup, treatment, prognosis and outcome, plus pearls and considerations. Concise descriptions simplify diagnosis and treatment. Section II: Procedures and Techniques offers illustrated, step-by-step instructions for understanding and performing 111 important clinical procedures. Section III: Differential Diagnosis displays nearly every possible cause for 260 different clinical disorders. Section IV: Laboratory Tests summarizes essential information needed for interpreting more than 150 lab tests. Section V: Clinical Algorithms provides decision trees for the diagnostic and therapeutic decision-making processes involved in managing 91 of the most common clinical conditions/disorders. Section VI: Drug Formulary is a compilation of dosages and other relevant information for more than 300 new and current medications. 410 illustrations and photographs depict disease processes and related concepts. A companion website includes the complete text of the book in a fully searchable format, allowing quick access to information, and all of the book's images. It also includes 150 Client Education Sheets, each available in both English and Spanish. Clinical guidance added to diseases and disorders chapters helps you select appropriate tests and treatments for each case. 50 new client "how-to" handouts are added for a total of 150 client education sheets, helping to improve outcomes by informing clients. Technician Tips are inserted throughout nearly 800 diseases and disorders, providing specialized information for veterinary technicians. Enhanced electronic image collection on the companion website includes color images and additional figures not found in the text.

The first edition of the BSAVA Manual of Canine and Feline Haematology and Transfusion Medicine was a leader in its field, and this new edition has been eagerly awaited. The basic principles of haematology, which form the core of the Manual, have been updated to include new diagnostic procedures and new treatment strategies. New authors provide a fresh perspective on some topics and there are new chapters on anaemia of inflammation and neoplasia, non-regenerative anaemia, and vascular thrombosis. The author panel is comprised of internationally recognized specialists from Europe, North America, the Middle-East and Australia. These have worked together with the Editors to produce an essential book for the veterinary practice.

Clinical Canine and Feline Reproduction: Evidence-Based Answers provides quick, reliable answers to the most common questions in canine and feline reproductive and pediatric practice. Written using an innovative question-and-answer

format, each answer is designed for quick reference, with the best references listed for further information as needed. Based on the author's years of experience answering questions on reproduction and pediatrics, *Clinical Canine and Feline Reproduction* allows the practicing veterinarian to rapidly find and apply evidence-based answers from the scientific literature to their clinical questions.

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

Covering both classical modalities of echocardiography and newer techniques, *Clinical Echocardiography of the Dog and Cat* shows how to assess, diagnose, and treat canine and feline heart disease. A clinical approach demonstrates how these modalities may be used to acquire images, and then how you can recognize and identify patterns, relate them to different diseases, and manage patient care with those findings. The print book includes a companion website with 50 videos of cardiac ultrasound exams and procedures. Written by veterinary cardiology specialists and echocardiographers Eric de Madron, Valerie Chetboul, and Claudio Bussadori, this indispensable echocardiology resource is ideal for general practitioner veterinarians as well as specialists, including cardiologists and radiologists. Dedicated coverage of canine and feline echocardiography emphasizes a more in-depth discussion of cardiac ultrasound, including the newest ones such as Tissue Doppler and speckle tracking imaging, and transesophageal and 3D echocardiography. A practical, clinical approach shows how these echocardiographic modalities are not just research tools, but useful in diagnosing and staging heart disease in day-to-day practice. Book plus website consolidates offers current information into a single cohesive source covering classical modalities and newer techniques, as well as updates relating to normal echocardiographic examinations and values. 50 videos on the companion website demonstrate how to perform echocardiography procedures, illustrating points such as swirling vortices, color flow display of blood flows, dynamic collapses secondary to pericardial effusion, and tumors flicking in and out of the echocardiographic field. A section on presurgical assessment helps you assess risk and prepare for catheter-based correction of cardiac defects — accurate measurements and proper device selection are key to a successful procedure. Over 400 full-color illustrations and 42 summary tables help you achieve precise, high-quality imaging for accurate assessment, including photographs of cadaver animal specimens to clarify the relationship between actual tissues in health and disease and their images.

This volume describes guidelines for diagnosis of liver diseases in dogs and cats, using both histological and clinical criteria. All diseases and their variations are illustrated by images of the macroscopic and histopathological features, alongside the essential

criteria which are required for diagnosis.

A comprehensive reference standard for the discipline, *Canine and Feline Gastroenterology* covers the biology, pathobiology, and diagnosis and treatment of diseases of the gastrointestinal, pancreatic, and hepatobiliary systems. An international team of experts, including 85 authors from 17 different countries, led by Robert Washabau and Michael Day, covers everything from minor problems such as adverse food reactions to debilitating inflammatory, infectious, metabolic, and neoplastic diseases of the digestive system. This authoritative text utilizes an evidence-based approach to reflect the latest science and research, complemented by principles of problem solving, algorithms to improve clinical diagnoses, and extensive full-color illustrations. For generalists and specialists alike, this gastroenterology reference should be part of every serious practitioner's professional library.

A comprehensive, 928-page reference standard covers the discipline of canine and feline gastroenterology. An international focus is provided by 85 authors from 17 different countries, including renowned experts in veterinary gastroenterology, internal medicine, pathology, clinical pathology, radiology, and infectious disease. Coverage of the entire breadth and depth of gastroenterology ranges from biology to pathobiology, as well as diagnosis and treatment of diseases of the gastrointestinal, pancreatic, and hepatobiliary systems. Current information on GI microflora, immunology, cellular growth, and systems integration provides a foundation for treating clinical problems. Coverage of diseases in dogs and cats includes the oral cavity, esophagus, stomach, small intestine, large intestine, colon, anorectum, liver and biliary tract, exocrine pancreas, peritoneum, and associated vasculature. A focus on patient management examines the full range of procedures and techniques essential to diagnosis and treatment from clinical signs and diagnosis to nutritional support and pharmacologic management of disease. Clear explanations of current diagnostic modalities include laboratory tests, molecular methods, diagnostic imaging, endoscopy, and histopathology, also showing how to interpret and utilize results. A strong clinical approach emphasizes need-to-know information for managing the common and not-so-common G.I. clinical problems of everyday practice. Full-color photographs and illustrations depict concepts, conditions, and procedures. An evidence-based medicine perspective reflects the latest research as well as the modern practice of veterinary medicine. Logical, coherent, and consistent internal organization makes this a reader-friendly edition. Problem-based algorithms help in diagnosing every G.I. clinical problem from A to Z. A stand-alone section on the pharmacologic approach to G.I. disease offers quick and easy drug reference.

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.

New case studies Advice to give to pet owners What to test for (which test for which disease) and the techniques Increased focus on principles Updated figures and images More detail on sampling, genetic testing Diagnosis on genetic and inherited diseases Principles of testing and interpreting results This new edition of a must-have manual, edited by Elizabeth Villiers, Jelena Ristic and Laura Blackwood, features new case studies and updated images. There is an increased focus on principles, testing and interpreting results as well as sampling, genetic testing and diagnosing genetic and inherited diseases. Fully revised and expanded, this manual contains not just advice for the busy practitioner, but also for the concerned owner and how they can play a part in the treatment of their pet.

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