

Fossum Small Animal Surgery 4th Edition Lnenad

This two-volume masterwork offers explicit guidelines for evaluating patients, selecting the right operation, and implementing clinically proven procedures. It covers major topics relevant to the field such as oncology, ophthalmology, dentistry, the nervous system, the urinary and reproductive systems, and more. The up-to-date 3rd edition features an increased emphasis on decision-making algorithms and high-quality images that depict relevant anatomy, diagnostic features, and sequential steps in operative procedures. Expanded, detailed coverage assists the reader with learning and applying the latest surgical techniques. Contributors from three different continents and 17 countries, outstanding in their fields, lend a global perspective to the work. Extensive, high-quality illustrations aid the reader in clear visualization of techniques, instrumentation, and diagnosis. References for each chapter direct the reader to further sources of information. An appendix of normal laboratory values for the dog and cat put this essential information within easy reach. A cardiopulmonary resuscitation algorithm is printed on the inside front cover for quick and easy reference. A quick guide to evaluation and initial stabilization of life-threatening cardiopulmonary complications is printed on the inside back cover for immediate access to crucial information. The section on critical care has been expanded to include more complete information. 10 new section editors and 146 new contributors bring new insight to topics in their areas of expertise. 38 new chapters, including a chapter on arthroscopy, reflect current knowledge and advances. Detailed coverage of surgery techniques present explicit, easy-to-follow guidelines and procedures. An increased emphasis on decision-making algorithms makes the book even more clinically useful. Each chapter has been thoroughly revised, providing the most comprehensive scope of coverage for each topic. The leading reference for the diagnosis and management of fluid, electrolyte, and acid-base imbalances in small animals, *Fluid, Electrolyte, and Acid-Base Disorders in Small Animal Practice, 4th Edition* provides cutting-edge, evidence-based guidelines to enhance your care of dogs and cats. Information is easy to find and easy to use, with comprehensive coverage including fluid and electrolyte physiology and pathophysiology and their clinical applications, as well as the newest advances in fluid therapy and a discussion of a new class of drugs called vaptans. Lead author Stephen DiBartola is a well-known speaker and the "go-to" expert in this field, and his team of contributors represents the most authoritative and respected clinicians and academicians in veterinary medicine. Over 30 expert contributors represent the "cream of the crop" in small animal medicine, ensuring that this edition provides the most authoritative and evidence-based guidelines. Scientific, evidence-based insights and advances integrate basic physiological principles into practice, covering patient evaluation, differential diagnosis, normal and abnormal clinical features and laboratory test results, approaches to therapy, technical aspects of therapy, patient monitoring, assessing risk, and prediction of outcomes for each disorder. Hundreds of tables, algorithms, and schematic drawings demonstrate the best approaches to diagnosis and treatment, highlighting the most important points in an easy-access format. Drug and dosage recommendations are included with treatment approaches in the Electrolyte Disorders section. Clear formulas in the Fluid Therapy section make it easier to determine the state of dehydration, fluid choice, and administration rate and volume in both healthy and diseased patients. Updated chapters cover the latest advances in fluid therapy in patient management, helping you understand and manage a wide range of potentially life-threatening metabolic disturbances. Expanded Disorders of Sodium and Water chapter includes information on a new class of drugs called vaptans, vasopressin receptor antagonists that may soon improve the ability to manage patients with chronic hyponatremia. Hundreds of new references cover the most up-to-date advances in fluid therapy, including renal failure and shock syndromes.

Current Techniques in Small Animal Surgery, Fifth Edition provides current information regarding surgical techniques from the perspective of clinicians who are performing specific procedures on a regular basis. It is intended to be concise, well illustrated, and reflective of the writer's experience, both good and bad. The emphasis with this volume

See how to confidently care for small animal patients with Taylor's clear instructions, procedural videos, and new images. Featuring more than 60 techniques and procedures, Small Animal Clinical Techniques, 2nd Edition provides a highly visual, step-by-step guide to the diagnostic and therapeutic clinical techniques essential to small animal practice. Each procedure walks you through the purpose, indications, contraindications and concerns, complications, special anatomy, equipment, restraint, and procedure techniques. And interactive learning modules on the companion website help you master the skills you need to succeed on the job.

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 the success of previous editions, the BSAVA Manual of Canine and Feline Dentistry and Oral Surgery 4th edition is a timely publication in what is an internationally growing specialist field. It is an accessible source of core information for general small animal veterinary surgeons, students and nurses/technicians interested in developing their knowledge and practical skills in dentistry and oral surgery. New for this edition are the inclusion of step-by-step operative techniques with detailed full-colour photographs and new illustrations, including the process for taking dental radiographs, and techniques for the management of periodontal disease, dental and oral trauma, developmental disorders and neoplasia, and closed and open tooth extractions.

The 3rd edition of this classic textbook continues to serve as a one-stop resource for authoritative information on all aspects of small animal surgery. Coverage includes basic procedures such as spays, castrations, and declaws, as well as more advanced surgeries that might be referred to specialists such as craniotomy, ventral slots, and lung lobectomy. Discussions of general surgical procedures include sterile technique, surgical instrumentation, suturing, preoperative care, and antibiotic use. Key sections provide clinically relevant coverage of soft tissue surgery, orthopedic surgery, and neurosurgery. Over 1500 full color illustrations provide exceptionally clear representations of anatomy

and currently accepted surgical techniques, including approaches and closure. Over 600 full color photographs and radiographs offer clear images of specific disorders, diseases, and procedures. Information on the most efficient and cost-saving sterilization techniques including scrubless and waterless preparation solutions. General considerations and clinically relevant pathophysiology sections provide practical information for case management. Step-by-step instructions for surgical techniques are presented in italicized blue type for quick and easy reference. Special icons identify advanced procedures that should be referred to an experienced surgeon or specialist. Color-coded tables and boxes call attention to specific data, offering at-a-glance access to key information such as drug dosages, clinical signs, and analgesic protocols. Anesthesia Protocols provide quick and easy access to recommendations for anesthetizing animals with particular diseases or disorders. A new chapter on Fundamentals of Physical Rehabilitation details the basics of physical rehabilitation for practitioners who want to integrate physical therapy into practice. A new chapter on Principles of Minimally Invasive Surgery that describes the principles of performing surgery with the least instrumentation possible, including instrument selection and care and basic techniques. A new chapter on Surgery of the Eye that discusses diseases and disorders of the eye, their medical management, and corrective surgical procedures. Expanded coverage of perioperative multimodal analgesic therapy. Updated coverage of arthroscopy, canine elbow dysplasia, joint replacement, and management of osteoarthritis. The latest information on state-of-the-art radiologic techniques.

Textbook of Small Animal Emergency Medicine offers an in-depth understanding of emergency disease processes and the underlying rationale for the diagnosis, treatment, monitoring, and prognosis for these conditions in small animals. A comprehensive reference on a major topic in veterinary medicine The only book in this discipline to cover the pathophysiology of disease in depth Edited by four respected experts in veterinary emergency medicine A core text for those studying for specialty examinations Includes access to a website with video clips, additional figures, and the figures from the book in PowerPoint Textbook of Small Animal Emergency Medicine offers an in-depth understanding of emergency disease processes and the underlying rationale for the diagnosis, treatment, monitoring, and prognosis for these conditions in small animals.

Small Animal Surgical Emergencies is a practical reference to soft tissue and orthopedic emergencies commonly encountered in small animal practice. • Covers common soft tissue and orthopedic emergencies • Provides step-by-step procedures for stabilizing and operating on the emergent patient • Promotes problem-solving through algorithms and case studies • Depicts the concepts described using radiographs, ultrasounds, contrast studies, and photographs • Includes access to a companion website with video clips, case studies, and images

The fourth edition of Small Animal Surgery serves as a one-stop resource for authoritative information on all aspects of small animal surgery. Coverage includes basic procedures such as spays, castrations, and declaws, as well as more advanced surgeries like craniotomy, ventral slots, and lung lobectomy. New contributors bring a fresh perspective and discuss the latest advances in key areas such as imaging modalities, regenerative medicine, minimally invasive surgery, and neurology. Access to a companion website provides a fully searchable version of the book, bi-monthly content updates, videos, aftercare instructions, case presentations, and a fracture planner. Well illustrated, step-by-step instructions for surgical techniques provide quick reference to practical how-to information in emergency and clinical situations. Coverage of cutting-edge imaging techniques, including radiographs, CT, MRI, and digital imaging, explores the most useful imaging modalities for demonstrating areas of surgical concern. Access to the continually updated companion website for the life of this edition includes: Bi-monthly content updates provide cutting-edge information on surgery developments Video clips of step-by-step surgical procedures Customizable and printable aftercare instructions Interactive Fracture Planner Case presentations Neurosurgery video clips

References linked to PubMed Over 1500 full color images offer exceptionally clear representations of anatomy and currently accepted surgical techniques, including approaches and closure. Anesthesia Protocols offer easy access to recommendations for anesthetizing animals with particular diseases or disorders. Notes boxes call attention to specific data, offering at-a-glance access to key information. A new chapter on neurologic examination provides a solid foundation in neuroanatomy, electro-diagnostics, and basic MRI physics and principles, enabling you to perform a proper neurologic exam to detect problems in cats and dogs, some of which can be corrected via surgical repair. A new chapter on regenerative medicine provides the most current information on stem cell research. Differential diagnosis tables and boxes offer quick access to vital information, including how to avoid misdiagnosis of disorders that may mimic more commonly encountered surgical neurologic problems that are not actual disorders requiring surgical repair.

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

This handbook covers the diagnosis, etiology, and treatment of conditions affecting the locomotor system in small animals. The 4th edition presents up-to-date information on various types of fractures and methods of fixation, lameness and joint surgery, and musculoskeletal diseases. Other key topics include: acute and chronic bone infections; transplantation, plating, wiring, and pinning techniques; bone grafting; reconstructive joint surgery; and osteochondrosis. Content is organized anatomically for quick access to information on both fractures and other conditions for each region of the body. Step-by-step line drawings clearly illustrate different types of fractures and procedures. Provides clear, concise coverage of the most common orthopedic conditions. A new chapter provides cutting edge information on arthroscopy. Each chapter is expanded with the most up-to-date information. Includes many additional illustrations. New coverage of monocortical plate/IM fixation. Discusses circular frames for fractures and osteotomies Provides information on new fixator clamps.

Anesthesia for Veterinary Technicians is a highly practical guide to anesthesia skills for veterinary technicians published in association with the Academy of Veterinary Technician Anesthetists (AVTA). Packed with hints and tips to aid technicians in the practice of veterinary anesthesia, the book offers an essential resource to building anesthesia skills and improving knowledge. Encompassing both background knowledge and practical application of anesthesia-related skills, Anesthesia for Veterinary Technicians is a valuable resource for veterinary technicians of all skill levels. Supplementary website materials, including charts and forms for use in the practice, are available at www.wiley.com/go/bryant.

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.

The most comprehensive text available on equine surgery, this book prepares the veterinary surgeon for managing each surgical condition by understanding its pathophysiology and evaluating alternative surgical approaches. Explanations describe how to avoid surgical infections, select and use instruments, and perfect fundamental surgical techniques including incisions, cautery, retractions, irrigation, surgical suction, wound closure, dressings, bandages, and casts. Thorough and complete coverage means this is the only book practitioners and students need. World-renowned contributors include 67 of the most experienced and expert equine practitioners, each providing current and accurate information. This text covers all the information needed to study for the American and European College of Veterinary Surgeons Board

Examination, making it an excellent study tool. Coverage of anesthesiology and pain management is reintroduced in this edition. Extensive and up-to-date orthopedic coverage includes joint disorders and joint trauma. Integumentary system coverage includes wound management, reconstructive surgery, and skin grafting. Other important topics include the alimentary system, cardiovascular surgery, and new techniques in vascular surgery. More minimally invasive surgical techniques A section on anesthesia has been re-introduced to this edition

This issue of *Veterinary Clinics of North America: Small Animal Practice*, with Editors Drs. Tisha Harper and Ryan Butler, focuses on Hip Dysplasia. Article topics include: Etiopathogenesis of hip dysplasia, incidence and genetics; Clinical signs and physical examination findings; Diagnostic imaging; OFA and PennHip Treatments; Medical management of hip dysplasia; Surgical management of hip dysplasia; Pain management – Hip Denervation; Juvenile Pubic Symphysiodesis; Triple pelvic osteotomy (TPO), and double pelvic osteotomy (DPO); Total Hip Replacement; Femoral Head and Neck Excision; The role of physical therapy for dogs with hip dysplasia.

Colorectal Surgery provides an illustrative, instructive, and comprehensive review that depicts the rationale of basic operative principles essential to colorectal surgical therapy. The chapters provide pertinent and concise summaries of how to deal with various colorectal disorders, spanning benign and malignant problems and minimally invasive procedures. Stages of operative approaches with relevant technical considerations are outlined in an easily understandable manner. Complications are reviewed when appropriate for the organ system and problem. The text is illustrated throughout by line drawings and photographs that depict anatomic or technical principles. A concise, handbook-sized reference work, this book is a valuable resource for all general surgeons and residents in training.

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.

Revision of: Brinker, Piermattei, and Flo's handbook of small animal orthopedics and fracture repair / Donald L. Piermattei, Gretchen L. Flo, Charles E. DeCamp. c2006. 4th ed.

Focus on the "how" and "why" of medical/surgical conditions — the critical issues that lead to successful outcomes for your patients — with *Veterinary Surgery: Small Animal, Second Edition*. This two-volume full-color resource offers an authoritative, comprehensive review of disease processes, a thorough evaluation of basic clinical science information, and in-depth discussion of advanced surgeries. With an updated Expert Consult website you can access anytime and detailed coverage of surgical procedures, it is the definitive reference for surgical specialists, practicing veterinarians, and residents. Expert Consult website offers access to the entire text online, plus references linked to original abstracts on PubMed. Comprehensive coverage includes surgical biology, surgical methods and perioperative care, neurosurgery, and orthopedics in Volume One, and all soft tissue surgery organized by body system in Volume Two. Extensive references to published studies available on Expert Consult show

the factual basis for the material. Strong blend of clinical and basic science information facilitates a clear understanding of clinical issues surrounding operative situations. Highly recognized contributing authors create chapters from their own experience and knowledge base, providing the most authoritative, current information available. Coverage of anatomy, physiology, and pathophysiology in chapters on specific organs includes information critical to operative procedures and patient management. In-depth chapters on anesthesia, surgical oncology, tumors of the spine, and musculoskeletal neoplasia provide valuable resources for practicing surgeons, especially in the area of cancer treatment. Preoperative considerations and surgical implications for surgical procedures help surgeons make decisions about treatment approaches. NEW and UPDATED! Expert Consult website with print text plus complete online access to the book's contents, so you can use it anytime — anywhere. EXPANDED! Coverage of interventional radiology techniques in Volume Two (soft tissue volume) to provide cutting-edge information on contemporary imaging modalities that gain access to different structures of the patient's body for diagnostic and therapeutic reasons. NEW and UPDATED! Expanded coverage of coaptation devices and small animal prosthetics clearly explains how they are used in a variety of clinical situations. EXPANDED! Principles of minimally invasive plate treatment added to Volume One (orthopedic volume) to show how these advancements maximize healing and protect the patient while meeting the surgeon's goals in using fracture fixation.

This text is an ideal resource for the individual performing or learning to perform a surgical procedure. The most qualified experts in the fields of surgery and pathophysiology explain in easy to understand and practical terms the mechanisms by which a disease affects each organ. Mechanisms of Disease in Small Animal Surgery not only helps the practicing veterinarian better understand the function of specific organs effected by disease; but also helps the practitioner explain it and the selected surgical treatment to the client in an easy to understand manner. The highly visual format contains over 500 highly quality illustrations and well conceived tables. It is enormously helpful to veterinary student studying for the boards. Published by Teton New Media in the USA and distributed by Manson Publishing outside of North America.

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

tests become more specialized and sophisticated.

Questions and Answers in Small Animal Anesthesia provides practical and logical guidance for a wide range of anesthesia questions commonly faced in veterinary medicine. • Gives concrete answers to questions about anesthesia likely to be faced in small animal practice • Explains why experienced anesthesiologists make the choices they do • Provides concise yet comprehensive coverage of anesthetic management using an engaging question-and-answer format • Covers dogs, cats, small mammals, and birds • Focuses on practical, clinically relevant information

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.

This atlas vividly illustrates step-by-step procedures for common orthopedic techniques used to treat small animals. It features the latest techniques for arthrotomy, joint stabilization, arthrodesis, fracture repair, corrective osteotomies, and limb amputation. Step-by-step format provides clear guidance for performing procedures The user-friendly layout features text on the left side of each spread with corresponding art on the right side Covers amputation procedures including digit removal Includes a section devoted to surgical procedures for fractures Features a section on corrective osteotomies Covers specific forelimb fractures including the humerus and pelvis Covers surgical procedures for joint disease including shoulder, elbow, carpus, and hip

Small Animal Surgery Textbook - E-BookElsevier Health Sciences

A comprehensive review of small animal surgical complications for the general veterinary practitioner! Topics on complications will include: upper urinary tract surgery, lower urinary tract surgery, GI surgery, hepato-biliary surgery, spay/neuter surgery, reconstructive surgery, thoracic surgery, airway surgery, minimally invasive surgery, metabolic complications of endocrine surgery, ear surgery, surgical site infections, and more!

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.

Complications in Small Animal Surgery provides a complete reference to diagnosing, managing, and treating surgical complications, with information following a standardized format for ease of use.

- Presents comprehensive information on diagnosing, managing, and preventing surgical complications using an accessible format
- Offers a well-defined, thoroughly illustrated format to maximize practical value, with algorithms, tables, practical tips, and many images throughout
- Covers common and uncommon complications in all body systems
- Serves as a reference to recent literature relevant to each complication
- Includes access to a companion website with videos, figures from the book available for download into PowerPoint, and linked references at www.wiley.com/go/griffon/complications

Small Animal Distal Limb Injuries provide the small and mixed animal practitioner with a definitive but practical, step-by-step guide to the management of soft tissue, orthopedic and athletic injuries of the distal limbs in dogs and cats. Includes specific coverage of injuries that occur from the carpal/tarsal areas to the digits of dogs and cats. All wounds and injuries are covered and all commonly performed management and bandaging techniques are presented as step-by-step black and white line drawings supplemented by before and after photographs. Regional anatomy is presented for orientation. The work is intended to consolidate, in a single volume, all of the applied clinical information needed for the effective management of distal limb injuries and their reconstruction. This book contains medical and surgical guide lines which are not currently available in the veterinary literature. It spans four important areas of small animal practice (wound healing, bandaging, orthopedic trauma and injuries to muscles, ligaments and tendons) which are of general interest to every practitioner. It contains up to date information regarding applicable drugs and is

heavily illustrated. All three authors are very well known to the veterinary community and active on the meeting circuit. Of great use to undergraduate veterinary students in the latter years of study and to postgraduate students, as well as all small animal and mixed animal practitioners, trainers and others involved with athletic or working dogs.

Turner and McIlwraith's *Techniques in Large Animal Surgery, Fourth Edition* is an updated version of the classic resource for step-by-step instruction on basic surgical techniques in cattle, horses, swine, goats, and llamas. With detailed line drawings to demonstrate the principles discussed, the book addresses general aspects of surgery such as anesthesia and equipment and provides descriptions of surgical conditions and techniques commonly encountered in large animal practice. Now including a website with interactive review questions and the figures from the book in PowerPoint, the Fourth Edition is a highly practical, reliable guide for veterinary students and veterinary practitioners with a large animal caseload. The Fourth Edition includes eight new techniques and completely rewritten chapters on anesthesia, equine wound management, and surgical techniques in bovine and swine patients, as well as revisions to reflect advances throughout the book and updated references. Turner and McIlwraith's *Techniques in Large Animal Surgery* continues to supply students and practitioners alike with a valuable resource on the fundamental techniques of farm animal surgery.

This edition offers authoritative information on all aspects of small animal surgery. Coverage includes basic procedures such as spays, castrations, and declaws, as well as more advanced surgeries that might be referred to specialists such as craniotomy, ventral slots, and lung lobectomy.

Current Techniques in Small Animal Surgery, Fifth Edition provides current information regarding surgical techniques from the perspective of clinicians who are performing specific procedures on a regular basis. It is intended to be concise, well illustrated, and reflective of the writer's experience, both good and bad. The emphasis with this volume is technique. The pathophysiologic principles and applications are covered in the companion volume, *Mechanisms of Disease in Small Animal Surgery, Third Edition*. These two books are regarded by most practitioners and students as being a two-volume set.

Designed to be both comprehensive and user-friendly, the text offers easy-to-understand explanations of medical terminology and contains helpful learning features such as tips, case studies, and review questions. Describes medical terms with easy-to-understand explanations and phonetic spellings Offers an updated edition of this practical guide to veterinary medical terminology Contains real-world case studies, word lists, and review questions that are designed to promote active learning Includes new chapters on medical reports and case studies and large animals, as well as helpful memorization features Provides access to a companion website with images, audio clips, flash cards, and other helpful learning tools

Small Animal Soft Tissue Surgery *Small Animal Soft Tissue Surgery* *Small Animal Soft Tissue Surgery* is a comprehensive, in-depth resource for well-referenced, current information on small animal soft tissue surgery. Offering detailed surgical techniques in a well-illustrated, easy-to-follow format, the book covers the full range of surgically treated diseases and syndromes, with video clips and slideshows to demonstrate surgical procedures on an accompanying website. Chapters are written by the leading experts in surgery, internal medicine, radiology, and critical care, presenting information based on a review of the most recent literature. Divided into chapters by body system, each section

begins with a brief review of the anatomy and physiology, with pathophysiology, diagnosis, treatment, and prognosis described in detail. Original illustrations and clinical photographs accompany the description of surgical techniques, and an evidence-based approach is incorporated throughout. Small Animal Soft Tissue Surgery is an essential reference for small animal surgeons, residents, and practitioners performing soft tissue surgery. **KEY FEATURES** Offers a detailed, evidence-based reference entirely focused on small animal soft tissue surgery Relies on the very latest literature to present the current state of the art Draws on information from surgery, internal medicine, radiology, and critical care, with contributions from experts in each area Provides detailed surgical techniques with specially commissioned, high quality line drawings Includes a website with video clips and slideshows demonstrating soft tissue procedures

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.

Gain the benefit of 20 years' experience in small animal soft tissue surgery. In this book, Karen Tobias explains the tips and tricks that experienced surgeons use to make a procedure easier, faster and more successful. She provides clear, concise, detailed and well-illustrated instructions on how to complete all the common procedures performed in small animal practice. Hundreds of high-quality color photographs and detailed line drawings are included to provide step-by-step instructions, giving you confidence when attempting these techniques. **Key Features:** Organized by procedure type and includes sections on surgery of the skin, abdomen, digestive system, reproductive tract, perineal, head and neck, and miscellaneous procedures Each chapter contains an introduction, tips for preoperative management, surgery, and surgical techniques, and postoperative considerations A practical manual useful for small animal veterinarians at all stages of their training and career

Fundamentals of Small Animal Surgery offers a thorough introduction to the surgical principles essential to good veterinary practice. With many high-quality pencil drawings and clinical photographs to complement the detailed descriptions, the book is a useful resource for building basic surgery skills. *Fundamentals of Small Animal Surgery* is designed to provide a grounding in the foundations of veterinary surgical practice and an understanding of the practical application of surgical techniques. Covering topics ranging from assessment and surgical pack preparation to aseptic technique and postoperative pain management, the book is a valuable reference for surgical procedure training in

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veterinary or veterinary technician schools, and serves as a refresher for veterinarians and technicians in practice.

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