

Canine Rehabilitation And Physical Therapy

Safe and practical solutions to help your pet develop optimally, prevent disability or manage disability, throughout the lifespan. Fills the gap where the demand for qualified therapists exceeds the supply, and professional care may not be available. Companion book to "Physical Therapy and Rehabilitation for Animals: A Guide for the Consumer."

Bridging the gap between human physical therapy and veterinary medicine, Canine Rehabilitation and Physical Therapy, 2nd Edition provides vets, veterinary students, and human physical therapists with traditional and alternative physical therapy methods to effectively evaluate and treat dogs with various debilitating conditions. Coverage includes treatment protocols for many types of cutaneous, neurologic, and musculoskeletal injuries to facilitate a faster and more complete recovery. Invaluable protocols for conservative and postoperative treatment ensure the successful healing of dogs and their return to full mobility. Printable medical record forms on the companion website, including client information worksheets, referral forms, orthopedic evaluation forms, and more, can be customized for your veterinary practice. Six completely updated chapters on exercising dogs define the basic principles of aquatic and land-based exercise and how they may be applied to dogs, as well as how physical therapy professionals can adapt common "human" exercises to dogs. Numerous chapters on therapeutic modalities, including therapeutic lasers, illustrate how physical therapy professionals can adapt common "human" modalities to dogs. Physical examination chapters offer comprehensive information on orthopedics, neurology, and rehabilitation. NEW! Companion website with 40 narrated video clips of modalities and exercises used by physical therapists demonstrates effective ways to treat various neurologic and musculoskeletal problems in dogs. NEW! Fourteen new chapters describe the latest advances in the areas of joint mobilization, rehabilitation of the athletic patient, biomechanics of rehabilitation, therapeutic lasers, and physical therapy for wound care.

Advances in Small Animal Care reviews the year's most important questions in small animal veterinary medicine. A distinguished editorial board identifies key areas of major progress and controversy and invites preeminent specialists to contribute original articles devoted to these topics. These insightful overviews in small animal care bring concepts to a clinical level and explore their everyday impact on patient care. Provides in-depth, clinical reviews in small animal care, providing actionable insights for clinical practice. Presents the latest information in the field under the leadership of an experienced editorial team; Authors synthesize and distill the latest research and practice guidelines to create these timely topic-based reviews.

The practice of animal physical therapists provide rehabilitative care to animals who have had surgery, been injured, or suffer from chronic pain. This book explores various branches of the field and covers pertinent training, education, job duties, career path, and employment opportunities. Lively text profiles professionals on the job, and also delves into the emotional side of a career committed to serving animals. This in-depth view gives young readers a true glimpse into the world of animal care, rehabilitation, and conservation.

An Introduction

Laser Therapy in Veterinary Medicine

Animal Physiotherapy

Canine Rehabilitation and Physical Therapy - Pageburst E-Book on VitalSource (Retail Access Card)

Better You, Better Dog, Better Life

A Physical Therapy Approach

Laser Therapy in Veterinary Medicine: Photobiomodulation is a complete guide to using therapeutic lasers to treat veterinary patients, focusing on practical information. Offers a comprehensive resource for incorporating therapeutic lasers in veterinary practice Focuses on practical information tailored for the veterinary clinic Written by 37 leading experts in veterinary standard-of-care modality Emphasizes clinical applications with a real-world approach

Written by veterinarians across multiple disciplines with expertise in the canine musculoskeletal system, this book offers an easy-to-use guide for diagnosing lameness in dogs. Canine Lameness focuses on evaluation and diagnostic techniques, with descriptions of the most common reasons for lameness. Arranged by anatomical region, this approach complements the book puts all the information needed to evaluate and diagnose a dog's orthopedic status at the reader's fingertips. Particular emphasis is placed on orthopedic examination, radiographic anatomy, and abnormal radiographic findings. Features of Canine Lameness: Offers a comprehensive guide to diagnosing musculoskeletal diseases causing lameness in dogs Bring musculoskeletal anatomy together into a single resource Takes a logical, regions-based approach, outlining diagnostic steps and differential diagnoses for each specific area Focuses on commonly encountered conditions while highlighting critical diagnostic steps to ensure other, less common, differential diagnoses are not missed Includes access to a companion web examination, techniques, and lameness conditions Canine Lameness is an excellent resource for veterinarians and staff involved in the diagnosis of lameness in dogs, and will be of great benefit to all animal health professionals working in the area of canine orthopedics.

Research on human athletes is changing what we know about stretching. For example, it is now recognized that aggressive stretching should only take place after muscles are warmed up and shortened from exertion. Authors Sasha and Ashley Foster have applied this latest research to dogs many of whom compete in vigorous canine sporting events so that you can prevent injuries, maintain joint integrity, and improve you dog's fitness whether he is an elite canine athlete or a lap dog. Over 300 photos and diagrams demonstrate how to safely and effectively stretch each major muscle group in great detail. Special emphasis is given on correct hand placement for joint stabilization and how to maintain straight plane movement. Stretching techniques for dogs, and those that are involved in a variety of dog sports.

Pain Management in Veterinary Practice provides veterinary practitioners with the information needed to recognize and manage pain in a wide range of large, small, and exotic animal species. Encompassing acute, adaptive, and chronic, maladaptive pain, the book provides an up-to-date review of the physiology and pathophysiology of pain. Pain Management in Veterinary Practice covers pain in animals, including local and regional analgesia, continuous rate infusions, and novel methods of analgesic drug delivery. With comprehensive information on the pharmacokinetic and pharmacodynamic characteristics of analgesic drugs, the book goes beyond pharmaceutical options to incorporate scientific information on techniques for complementary treatment techniques, and nutritional strategies. Pain Management in Veterinary Practice is a valuable resource for developing pain management protocols in the veterinary clinic.

Your How-To Guide on Home Physical Therapy Methods for Pets

Development of Canine Rehabilitation and Aquatic Therapy

Complications in Canine Cranial Cruciate Ligament Surgery

Proceedings of the First International Symposium on Rehabilitation and Physical Therapy in Veterinary Medicine

Part of the Dog Owner's Guide to Orthopedic Problems Series

Essentials of Western Veterinary Acupuncture

Physical Therapy and Rehabilitation for Animals: A Guide for the Consumer is the essential guide to help pet owners navigate the veterinary physical therapy and rehabilitation field throughout the animal's lifespan. It will assist you in: how to find a qualified therapist, what to expect on the initial visit, explaining the process of goal setting and treatment intervention plans. It offers descriptions of physical modalities, therapeutic exercises, and a wide variety of conditions affecting the pet in the areas of orthopedics, neurology, oncology, metabolic illness, and congenital deformities. This book also addresses interesting topics such as aging pets/geriatrics, arthritis, injury prevention, stem cell procedures, reiki, braces and splints, wheeled carts and artificial limbs. Included are numerous patient case studies and anecdotal stories covering over five animal species.

The field of pain research is rapidly expanding in both human and veterinary medicine, and has helped increase our understanding of acupuncture. However, many are still highly sceptical about the use of acupuncture and prefer for it to remain far from orthodox veterinary practice. This book seeks to challenge common misgivings by showing how veterinary acupuncture works (for small and large animals), and why it should be established as an orthodox form of treatment. Written from a Western approach, rather than a traditional Chinese Medicine approach, it explains the background and history of acupuncture and includes key information on safety aspects, understanding pain and how acupuncture can help, practical aspects such as types of needles and methods of restraint, and related techniques. Not intended as a techniques manual, this book is a preparatory text for those considering taking an acupuncture course and those wishing to gain a solid understanding of the subject.

Companion animals are undergoing previously un contemplated treatments and surviving what would once have been rapidly fatal conditions. This NEW Manual is aimed at the whole veterinary team, drawing on all their skills to help patients achieve as full a function and quality of life as possible after surgery, trauma or disease, and to manage chronic conditions effectively for the benefit of animal, owner and the practice team. Part One discusses the principles of rehabilitation, supportive and palliative care. The science behind pain and its management, clinical nutrition and physical therapies is explored, and clinical applications reviewed with reference to published evidence of efficacy and/or effectiveness. In Part Two, this truly innovative Manual presents a collection of Case Studies across a range of canine and feline patients - from discospondylitis to glaucoma in dogs and from trididitis to leg amputation in cats. The following are considered for every case, with expert assessment from the contributors to Part One of the book: • Acute and chronic pain management • Fear, stress and conflict concerns • Nutritional requirements • Physiotherapy • Hydrotherapy • Acupuncture • Nursing and supportive care • Owner advice and homecare recommendations.

Evidence supports the positive effect of canine massage and soft-tissue therapy on a range of clinical conditions, including hip dysplasia, osteoarthritis, and epilepsy—and clients are increasingly asking for it. Whether you're a veterinarian, veterinary technician, or a human massage therapist thinking of expanding your practice to animals, Canine Medical Massage: Techniques and Clinical Applications will help you master this growing area of study. The only full-length book on canine medical massage, this resource features: · Massage treatment techniques for canine patients · Sample massage sequences for specific anatomic regions and patient populations, including canine athletes · Conditions that benefit from massage, organized by body system · An overview of nutritional supplements and other services that complement canine medical massage Learn assessment and examination models, reinforce your knowledge of treatment techniques, and discover business self-care tips for canine massage practitioners with this comprehensive text.

Canine Sports Medicine and Rehabilitation

Case Studies in Patient Management

Physical Therapy and Rehabilitation for Animals

Techniques and Clinical Applications

Multimodal Management of Canine Osteoarthritis

Practical Physiotherapy for Small AnimalPractice provides a concise and accessible introduction tophysiotherapy that demonstrates its benefits to both veterinarypatients and practitioners. One of the fastest growingspecialties in veterinary medicine, this book will help you tosuccessfully introduce physiotherapy into your practice improvingrehabilitation and recovery of dogs and cats. Key features: Covers an array of different treatments and techniques, such asmanual therapies, therapeutic exercise, electrotherapy, andhydrotherapy Includes practical advice on selecting equipment, examinations,treatment protocols, and charging Offers strategies for introducing physiotherapy into thepractice schedule, including space and staffing requirements Companion website provides over 50 printable client educationhandouts for download

As more is learned about the pathophysiology of osteoarthritis, we are also becoming more aware of how to implement treatments. This book takes an evidence-based approach to the canine patient with osteoarthritis, pursuing the objective of the best available medicine by a variety of means—multiple drugs, agents, adjuncts and delivery methods. Appreciating that surgical intervention may initially be required, particularly for stabilizing a joint, the major focus in this work is the conservative management of osteoarthritis. A clear and visual approach is taken with the overlapping of two three-pointed triangles of management: medical and non-medical.

This book explains canine hydrotherapy as an effective alternative treatment, based on research done at the Animal Magic Hydrotherapy and Fitness Centre. The anatomy and physiology of dogs is examined, as well as the treatment and management of certain medical conditions, with real life case studies provided to demonstrate hydrotherapy's positive effects. The book also focuses on the use of underwater treadmills for rehabilitation of patients and weight management. Supplemented by illustrations and colour photographs, this book is ideal for all dog owners.

Whittle's Gait Analysis - formerly known as Gait Analysis: an introduction - is now in its fifth edition with a new team of authors led by David Levine and Jim Richards. Working closely with Michael Whittle, the team maintains a clear and accessible approach to basic gait analysis. It will assist both students and clinicians in the diagnosis of and treatment plans for patients suffering from medical conditions that affect the way they walk. Highly readable, the book builds upon the basics of anatomy, physiology and biomechanics Describes both normal and pathological gait Covers the range of methods available to perform gait analysis, from the very simple to the very complex. Emphasizes the clinical applications of gait analysis Chapters on gait assessment of neurological diseases and musculoskeletal conditions and orthotics Methods of gait analysis Design features including key points A team of specialist contributors led by two internationally-renowned expert editors 60 illustrations, taking the total number to over 180 Evolve Resources containing video clips and animated skeletons of normal gait supported by MCQs, an image bank, online glossary and sources of further information. Log on to <http://evolve.elsevier.com/Whittle/gait> to register and start using these resources today!

Swim to Recovery

All Hands on Pet!

A Complete Reference Manual

Knoxville, Tennessee, August 10-14, 2002

Practical Physiotherapy for Small Animal Practice

Veterinary Sports Medicine and Physical Rehabilitation

The only book to cover physical therapy for dogs, Canine Rehabilitation and Physical Therapy, 2nd Edition provides an understanding of physical therapy techniques and intervention for dogs suffering from debilitating conditions. The book includes four new chapters, hundreds of illustrations that highlight key concepts and procedures, and case studies and specific therapies that can be used as guidelines for the management of clinical patients. Author Darryl Millis offers the perspective of a veterinarian skilled in orthopedics and orthopedic surgery, and co-author David Levine is a respected physical therapist with experience working with both dogs and human patients. By applying the principles of physical therapy described in this unique book, and by viewing therapy and exercise videos on a companion website, you can help dogs achieve a faster and more complete recovery. Detailed drawings of comparative anatomy between dogs and people make it easier to apply your knowledge of human anatomy to the anatomy of the dog. Coverage of therapeutic modalities describes their application to dogs and how to adapt common "human" modalities for dogs. Several chapters on exercising dogs cover the basic principles of exercise and how they may be applied to dogs, and how to adapt common "human" exercises for dogs. Unique coverage of physical therapy for specific diagnoses describes treatment for a variety of conditions. A chapter on physical examination covers everything from general orthopedic assessment to surgery. Invaluable specific protocols for postoperative treatment help to ensure the successful healing of dogs and their return to full mobility. Sample protocols provide a useful reference for common conditions in patients not experiencing complications. Medical record forms are included, and are easy to modify to meet the needs of your veterinary practice. New chapters keep you up to date with coverage of joint mobilization, rehabilitation of the athletic patient, biomechanics of rehabilitation, and physical therapy for wound care. A companion website includes 40 narrated video clips of various modalities and exercises used to correct problems with lameness, hip disorders, and gait analysis, plus downloadable and printable orthopedic, neurologic, and physical rehabilitation forms, in addition to a client information worksheet, referral form and letter, and a daily flowsheet form.

Canine Rehabilitation and Physical Therapy - E-BookElsevier Health Sciences

Information from research with animal models of immobilization and early motion following joint surgery drove human orthopedic surgeons to require physical therapy in their patients. This provided the basis for the physical therapy profession to be formed several decades ago. The same benefits of motion following joint surgery have not yet been explored in veterinary patients, as the first juvenile steps toward postoperative treatment have only been undertaken in the past few years. Few peer-reviewed manuscripts on rehabilitation in animals exist, and recommendations for the design and implementation of rehabilitation programs are nonexistent. This manuscript should serve as one of the first examples of how to establish a rehabilitation program for the dog. This is not an endpoint but rather the beginning. This serves to document the protocols and design of the Iowa State University, Veterinary Teaching Hospital, Canine Rehabilitation Center. This manuscript includes the design and implementation of this program, including but not limited to safety issues, water quality issues, patient care issues, and protocol recommendations. It also includes two of the first scientific reports submitted to peer-reviewed veterinary literature. The first, an evaluation of limb function comparing rehabilitation and traditional exercise-restriction after surgery for ruptured cranial cruciate ligaments, was accepted for publication by the Journal of the American Veterinary Medical Association. The other, a kinematic comparison of terrestrial and aquatic rehabilitation, has been submitted for publication. These scientific reports and this manuscript promote the use of aquatic rehabilitation for canine patients following a variety of orthopedic surgeries.

Hip dysplasia is one of the most common orthopedic conditions of dogs. This book is for dog owners to help them understand hip dysplasia, its causes, diagnosis, treatments, and preventative strategies.

Advances in Small Animal Care 2020, E-Book

Proceedings of the Second International Symposium on Rehabilitation and Physical Therapy in Veterinary Medicine

Canine Massage

Party-Perfect Bites

Practical Physiotherapy for Veterinary Nurses

Canine Rehabilitation and Physical Therapy - Pageburst E-Book on Kno (Retail Access Card)

This issue, assembled by Drs. Levine, Marcellin-Little, and Millis focuses on Rehabilitation in small animals. Topics include: Evidence for rehabilitation and physical therapy, Physical Agent Modalities in physical therapy and rehabilitation, Therapeutic Laser in physical therapy and rehabilitation, Principles and application of Stretching and Range of Motion, Principles and application of therapeutic exercises, Nutritional considerations in Rehabilitation, Rehabilitation and physical therapy of the medical and acute care patient, and more!

Canine Sports Medicine and Rehabilitation, Second Edition offers a thoroughly revised and updated new edition of this gold standard reference for all aspects of sports medicine and rehabilitation, encompassing basic science and integrated veterinary and physical therapy approaches. Presents current, state-of-the-art information on sports medicine and rehabilitation in dogs Offers perspectives from an international list of expert authors Covers all topics related to veterinary care of the canine athlete and all active dogs Includes illustrations and photographs throughout to demonstrate key concepts Provides clinical cases that set the information in context

This premier volume of *Advances in Small Animal Care*, a yearly multi-specialty publication, publishes the most current thinking and recent advances in small animal veterinary practice from the voice of a truly distinguished editorial board, including Editor-in-Chief Philip H. Kass and a stellar invited author list. Topics discussed in this first volume are within the areas of behavior, diagnostic imaging, gastroenterology, infectious disease, and nutrition. This volume will appeal to all practicing veterinarians and will inform and enhance clinical practice.

Bridging the gap between human physical therapy and veterinary medicine, *Canine Rehabilitation and Physical Therapy*, 2nd Edition provides vets, veterinary students, and human physical therapists with traditional and alternative physical therapy methods to effectively evaluate and treat dogs with various debilitating conditions. Coverage includes treatment protocols for many types of cutaneous, neurologic, and musculoskeletal injuries to facilitate a faster and more complete recovery. "Overall, this book is an extensive text for anyone interested in pursuing canine rehabilitation and physical therapy" Reviewed by: Helen Davies, University of Melbourne on behalf of Australian Veterinary Journal, March 2015 Invaluable protocols for conservative and postoperative treatment ensure the successful healing of dogs and their return to full mobility. Printable medical record forms on the companion website, including client information worksheets, referral forms, orthopedic evaluation forms, and more, can be customized for your veterinary practice. Six completely updated chapters on exercising dogs define the basic principles of aquatic and land-based exercise and how they may be applied to dogs, as well as how physical therapy professionals can adapt common "human" exercises to dogs. Numerous chapters on therapeutic modalities, including therapeutic lasers, illustrate how physical therapy professionals can adapt common "human" modalities to dogs. Physical examination chapters offer comprehensive information on orthopedics, neurology, and rehabilitation. NEW! Companion website with 40 narrated video clips of modalities and exercises used by physical therapists demonstrates effective ways to treat various neurologic and musculoskeletal problems in dogs. NEW! Fourteen new chapters describe the latest advances in the areas of joint mobilization, rehabilitation of the athletic patient, biomechanics of rehabilitation, therapeutic lasers, and physical therapy for wound care.

Assessment, Treatment and Rehabilitation of Animals

Physical Therapy and Massage for the Dog

Dog Owner's Guide to Hip Dysplasia

Pain Management in Veterinary Practice

Canine Rehabilitation and Physical Therapy

Gait Analysis

Use massage to help your dog relax, to condition the canine athlete, to assist in recovery from injuries or to ease chronic pain. Learn the techniques of a recognized expert in the field so that you can bring the well-known benefits of massage to your own dog or become a canine massage specialist. New edition has over 100 illustrations and 100 photos, detailed examinations of muscular stress points, diagnoses and treatments. You will learn the basics of canine anatomy and kinesiology; massage movements, pressures, techniques and systems; routines designed to address specific health problems; stretching and hydrotherapy techniques; tips on how to run a canine massage business, and more. Excellent source of information on dog anatomy as well.

Interest in canine massage and physical therapy has grown as greater emphasis is placed on the general fitness and agility of dogs, as pets and as sporting animals. In this book the authors are concerned with the prevention, management and treatment of movement and allied disorders. It encompasses detailed assessments, treatment programmes that invo

What are the four conditioning components of top athletes? Most physical therapists agree that they include balance, strength, endurance and flexibility. The same characteristics apply to canine athletes as well and form the basis of this new book by Sasha Foster, co-author of the award winning The Healthy Way to Stretch Your Dog. When the four conditioning components are executed in a systematic approach using the key exercise principles of frequency, intensity and duration, you can train your dog to reach his fullest potential in whatever canine sport or activity you choose to participate in—and help keep him fitter and more injury-free over a longer period of time.

Filling a gap in the current literature, Complications in Canine Cranial Cruciate Ligament Surgery provides revision strategies for correcting the complications associated with surgical repair techniques for cranial cruciate ligament rupture, one of the most common causes of a hind limb lameness in dogs. Presenting step-by-step instructions for numerous surgical correction techniques, this practical guide covers articular, extra-articular and osteotomy repair techniques as well as non-surgical management, physical rehabilitation, clinical decision making, and more. The book begins with an overview of cranial cruciate ligament tear, diagnosis, and treatment goals, followed by a discussion of methods for minimizing surgical site infection and complications. Subsequent chapters describe the potential complications of a particular technique and explain how to identify, evaluate, and correct the complication. Throughout the book, hundreds of high-quality clinical photographs show the appearance of complications and demonstrate each step of the corrective procedure. This authoritative guide: Provides step-by-step techniques for surgical corrections of common complications Emphasizes surgical decision making and specific strategies for surgical correction Contains revision strategies for identification of intra-operative complications Covers evaluation and identification of post-operative complications Features more than 400 photographs and clinical images Part of the state-of-the-art Advances in Veterinary Surgery series, Complications in Canine Cranial Cruciate Ligament Surgery is an invaluable resource for surgical residents, veterinary surgeons, and general practice veterinarians alike.

Advances in Small Animal Care, E-Book 2021

Rehabilitation and Physical Therapy

The Healthy Way to Stretch Your Dog

Canine Hydrotherapy Healing

Delicious recipes for canapés, finger food and party snacks

Building Balance, Strength and Endurance in Your Dog

Who better to get fit with than your best friend, your dog. Based on principles of MOTIVATION, NUTRITION, PHYSICAL ACTIVITY, and BUILDING COMMUNITY, let our experts guide you to an optimal lifestyle that benefits you and your dog. Tricia Montgomery is the founder of K9 Fit Club and an expert at motivating people like you to break down barriers to better health through physical activity and better nutrition. Veterinarian Dr. Ernie Ward shows you how to take food for you and your dog to a healthy optimum. Physical therapist Dr. David Levine provides the expertise to get you and your dog on a healthy road to physical activity. Together, these nationally recognized experts detail for you the best path to gain total control of your health accompanied by your faithful friend. Your dog deserves the best, and so do you. Get started in only 30 days!

A thoroughly updated edition of this essential reference guide for physiotherapists and physical therapists, looking to apply the proven benefits of physiotherapy to the treatment of companion and performance animals. Seven new chapters provide greatly expanded coverage of practical treatment and rehabilitation Includes reviews of different physiotherapy techniques, drawing on both human and animal literature Discusses approaches in small animal medicine as well as for elite equine athletes Provides applied evidence-based clinical reasoning model, with case examples Now in full colour with many more illustrations

Physical rehabilitation is a burgeoning area in veterinary medicine, and the Clinics has not covered this area before. Saunders book authors Levine and Millis have focused this issue on clinical applications by offering chapters on rehabilitation of the neurologic patient, the athletic dog, and the medical care patient. Additional chapters will cover orthotics, physical agent modalities, and manual therapies.

A mouthwatering collection of recipes for small bites and fingerfood – ideal for serving at parties or any social gathering, large or small.

30 Days to Happiness with Your Best Friend

Canine Lameness

Photobiomodulation

Canine Rehabilitation and Physical Therapy - E-Book

Rehabilitation and Physical Therapy, An Issue of Veterinary Clinics of North America: Small Animal Practice,

Canine Cross Training

Reflecting a rapidly growing area of interest in veterinary practice, this practical, pocket-sized guide to small animal physiotherapy has been designed for quick reference, providing the ideal guide for busy practice veterinary nurses when they really need it. Reflects the need for a text in this rapidly growing area of interest, providing the first on this topic for veterinary nurses Designed in a pocket-sized format so that VNs can carry it around for quick reference The author has ideal experience for this field, having worked as both a veterinary nurse and an animal physiotherapist This book is accompanied by a companion website which contains videos and self-test questions and answers

Physical Rehabilitation for Veterinary Technicians and Nurses provides a comprehensive, illustrated guide to all practical aspects of veterinary physical rehabilitation for veterinary technicians and nurses. Provides a comprehensive introduction to physical rehabilitation for veterinary technicians and nurses Offers a thorough grounding in the knowledge and skills needed to become a valued member of a veterinary rehabilitation team Features contributions from leading practitioners from across the United States sharing their knowledge and expertise on all aspects of veterinary physical rehabilitation Presents practical tips, tricks and advice to meet common challenges faced by rehabilitation technicians Covers pain management, hands-on therapy, therapeutic exercises, patient motivation, troubleshooting, and more

Gait Analysis: An Introduction focuses on the systematic study of human walking and its contributions in the medical management of diseases affecting the locomotor system. The book first covers normal gait and pathological gait. Discussions focus on common pathologies affecting gait, amputee gait, walking aids, particular gait abnormalities, gait in the elderly and the young, moments of force, energy consumption, gait cycle, muscular activity during gait, and optimization of energy usage. The manuscript then elaborates on the methods of gait analysis, including visual gait analysis, general gait parameters, timing the gait cycle, direct motion measurement systems, electrogoniometers, electromyography, accelerometers, gyroscopes, and force platforms. The publication tackles the applications of gait analysis, as well as clinical gait and scientific gait analysis, normal ranges for gait parameters, conversions between measurement units, and computer program for general gait parameters. The manuscript is a valuable source of data for students of physical therapy, bioengineering, orthopedics, rheumatology, neurology, and rehabilitation.

Whittle's Gait Analysis - E-Book

BSAVA Manual of Canine and Feline Rehabilitation, Supportive and Palliative Care

Animal Physical Therapist

Physical Rehabilitation for Veterinary Technicians and Nurses

Canine Medical Massage

College of Veterinary Medicine, College of Health and Human Performance, Oregon State University ... August 7-11, 1999