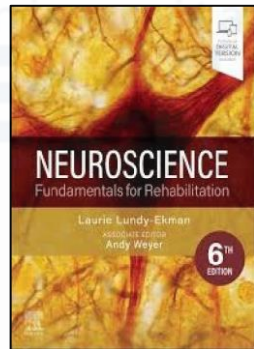


PERIODE TAHUN 2024



**Perpustakaan
Universitas
Esa Unggul**

**Jalan Arjuna Utara
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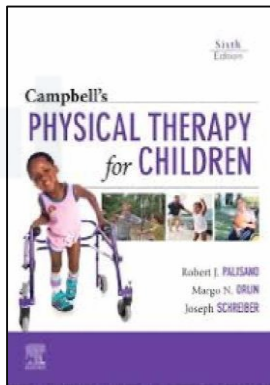
Neuroscience : Fundamentals for Rehabilitation, 6th ed

Author : Laurie Lundy-Ekman
No. Class : 612.823 3 LUN n
Location : Jakarta

Description:

Use your knowledge of the nervous system to understand and treat neurologic disorders! Neuroscience: Fundamentals for Rehabilitation, 6th Edition provides an illustrated guide to neurology and how it affects the practice of physical and occupational therapy. Case studies and first-person stories from people with neurologic disorders make it easier to develop clinical reasoning skills and apply your knowledge to the clinical setting. This edition includes an enhanced eBook free with each purchase of a new print book. Written by noted PT educator Laurie Lundy-Ekman, Neuroscience uses evidence-based research to help you evaluate and treat clients who have physical limitations due to nervous system damage or disease.

- Logical, systems approach to neuroscience makes it easier to master complex information and provides a framework for conducting a neurologic examination and evaluation.
- Clinical perspective of neuroscience is provided through case studies, personal stories written by people with neurologic disorders, and summaries of key features of neurologic disorders and the body systems they affect.
- Six sections - Overview of Neurology, Neuroscience at the Cellular Level, Development of the Nervous System, Vertical Systems, Regions, and Neurologic Tests - first show how neural cells operate, and then allow you to apply your knowledge of neuroscience.
- Coverage of key physical rehabilitation topics includes abnormal muscle tone, chronic pain, control of movement, and differential diagnosis of dizziness.
- Hundreds of color-coded illustrations show body structures and functions across systems.
- Full-color atlas includes photographs of the human brain along with labeled line drawings.
- Clinical Notes case studies demonstrate how neuroscience concepts may be applied to clinical situations.
- Pathology boxes provide a quick summary of the features of neurologic disorders commonly encountered in rehabilitation practice.

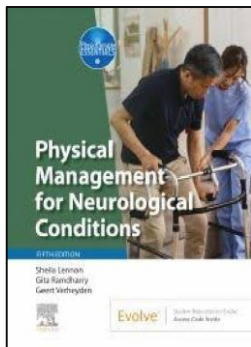


Campbell's Physical Therapy for Children, 6th ed

Author : Robert J. Palisano, Margo N. Orlin dan Joseph Schreiber
No. Class : 615.8 PAL c
Location : Jakarta

Description:

Campbell's Physical Therapy for Children, 6th Edition provides essential information on pediatric physical therapy practice, management of children with musculoskeletal, neurological, and cardiopulmonary conditions, and special practice settings. Following the APTA's Guide to Physical Therapist Practice, this text describes how to examine and evaluate children, select evidence-based interventions, and measure outcomes to help children improve their body functions, activities, and participation. What also sets this book apart is its emphasis on clinical reasoning, decision making, and family-centered care. Written by a team of PT experts led by Robert J. Palisano, this book is ideal for use by students and by clinicians in daily practice.



Physical Management for Neurological Conditions, 5th ed

Author : Sheila Lennon, Gita Ramdharry dan Geert Verheyden
No. Class : 615.8 LEN p
Lokasi : Jakarta

Description:

Physical Management for Neurological Conditions comprehensively covers the essentials of neurorehabilitation starting with thirteen guiding principles, and a new chapter on clinical reasoning and assessment. It discusses the physical management of common neurological conditions such as stroke, traumatic brain injury, spinal cord injury, multiple sclerosis and Parkinsons followed by less common conditions such as inherited neurological conditions, motor neuron disease, polyneuropathies and muscle disorders.

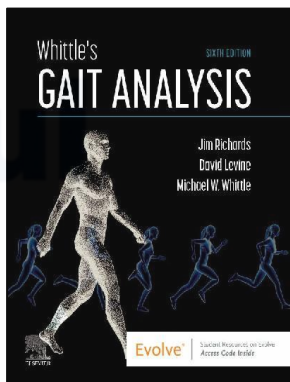
Produced by a team of international editors and experts, this fifth edition is the most up-to-date evidence-based textbook available for undergraduate students and qualified health professionals alike, focusing on selecting appropriate evidence-based tools rather than subscribing to any specific treatment approaches. It is a core physiotherapy textbook designed to provide students with everything they need to pass the neurological component of their degree.

New to this edition:

- New content on assessment, clinical reasoning, technology-based rehabilitation, and complex case management including disorders of consciousness and adults with cerebral palsy
- Full update of the evidence-base within each chapter, including reference to the increased use of remote delivery of services and challenges accelerated by the Covid-19 pandemic
- New international authors

Key Features:

- Fully updated to provide comprehensive information on optimal physical management within movement limitations suitable for any health care context or environment
- Using international case studies to apply theory to clinical practice
- Easy to navigate and understand for students, new graduates and therapists returning to practice or changing scope of practice.



Whittle's Gait Analysis, 6th ed

Author : Jim Richards, David Levine dan Michael W. Whittle
No. Class : 612.76 RIC w
Location : Jakarta

Description:

This readable textbook offers a clear and accessible guide to the diagnosis and treatment of patients suffering from medical conditions that affect the way they walk.

The book describes both normal and pathological gait and covers the range of simple and complex methods available to perform gait analysis. It will help the reader differentiate the gait cycle phases and pathological gait patterns, identify related factors, and direct therapy precisely.

Now in its sixth edition, Whittles Gait Analysis has been fully updated by a small team of expert contributors to include the latest thinking on methods of gait analysis and its role in the clinic, making it an ideal text for undergraduate students through to practising allied health professionals.

New to this edition:

- Chapter on running gait, including the biomechanics of running, common running-related injuries, and clinical considerations

- Expanded chapter on neurological conditions

- Enhanced online chapter-supplementary information to Basic Sciences featuring additional text and art

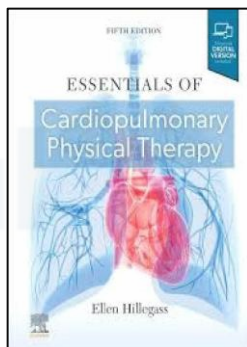
Key Features:

- Highly accessible, readable, and logically sequenced-suitable for undergraduates

- Covers gait and clinical considerations around functional difficulties in people with neurological and musculoskeletal disorders

- Summary/study aid boxes to support learning

- Online resources containing supplementary content for Chapter 1, video clips, 3D animations, gait data supported by MCQs, and 30 cases studies



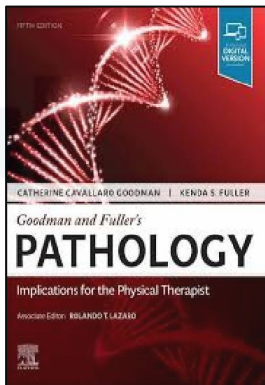
Essentials of Cardiopulmonary Physical Therapy, 5th ed

Author : Ellen Hillegass
No. Class : 615.8 HIL e
Location : Jakarta

Description:

Improve your understanding of the cardiopulmonary system with Essentials of Cardiopulmonary Physical Therapy, 5th Edition. Based on American Physical Therapy Association best practices, this new edition provides comprehensive coverage of anatomy, physiology, and cardiopulmonary assessment, along with new chapters on the growing topics of the management of cardiovascular disease in women and pulmonary vascular disease. Using a practical approach, expert author Ellen Hillegass also discusses pathophysiology, pharmacology, and interventions in the outpatient setting.

- Evidence-based content reflects the latest research in the field and incorporates the use of ICF.
- Material uses best practices defined by the American Physical Therapy Association.
- Clinical tips provide real-world hints and suggestions from practicing clinicians.
- UPDATED! Content and references throughout present the most current and relevant information for today's clinical practice.
- NEW! Two additional chapters on Management of Cardiovascular Disease in Women and Pulmonary Vascular Disease provide comprehensive coverage of these key topics.
- NEW! Enhanced ebook version of the text - included with print purchase - offers access to all of the text, figures, and references from the book, as well as additional case studies and a glossary, on a variety of digital devices.

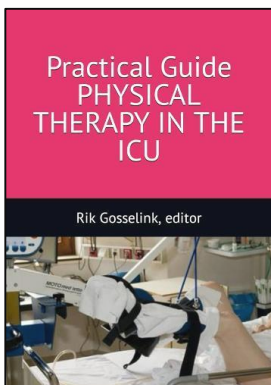


Goodman and Fullers Pathology : Implications For The Physical Therapist, 5th ed

Author : Kenda S. fuller, Cahtherine Cavallaro Goodman
No. Class : 616.07 GOO g
Location : Jakarta

Description:

The only pathology textbook written specifically for physical therapy, this edition continues to provide practical and easy access to information on specific diseases and conditions as they relate to physical therapy practice. Coverage includes guidelines, precautions, and contraindications for interventions with patients who have musculoskeletal or neuromuscular problems, as well as other medical conditions such as diabetes or heart disease. Logically organized content offers at-a-glance access to essential information on common illnesses, diseases, adverse drug effects, organ transplantation, laboratory values, and more to ensure the most reliable and effective physical therapy for patients.

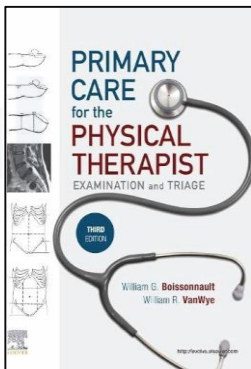


Practical Guide Physical Therapy In The ICU

Author : Rik Gosselink
No. Class : 615.8 GOS p
Location : Jakarta

Description:

This practice guide was created as a result of our many years of experience with the physical therapy treatment of critically ill patients in the intensive care units of the University Hospital Gasthuisberg in Leuven. This guide is intended to be a practical manual for the physical therapy assessment and treatment of both respiratory conditions and the consequences of critical illness on physical and mental dysfunction in these patients. The practice guide covers the practical procedures for performing and interpreting commonly used functional tests and treatment methods. In the intensive care team, physician specialists, nurses, physical therapists, occupational therapists, speech and language therapists, psychologists, biotechnicians and social workers work very closely together for the care of the critically ill patient. We hope that this guide will be a useful contribution in shaping the role of physical therapy in the intensive care unit. Since the revised edition of 2021, the guide has been expanded with video material of evaluation as treatment methods available on the UZ Leuven website: <https://www.uzleuven.be/nl/respreva> password: Resp_reva. This material will provide an even better picture of implementation in clinical practice.

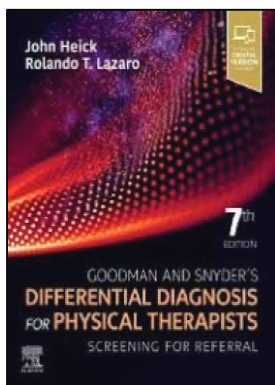


Primary Care For The Physical Therapist : Examination And Triage, ed 3

Author : William G. Boissonnault, William R. VanWye
No. Class : 615.8 BOI p
Location : Jakarta

Description:

Specifically designed to address the expanding role of physical therapists in primary care, Primary Care for the Physical Therapist: Examination and Triage, 3rd Edition covers all the information and skills you need to be successful in the field. Updated content throughout the text helps you stay up to date on the best practices involving patient examination, medical screening, patient management, and communication. This new third edition also features a new chapter on electrodiagnostic testing, a new chapter on patients with a history of trauma, and updated information on how to screen and examine the healthy population. It is a must-have resource for any physical therapist wanting to obtain the technical expertise and clinical decision-making abilities to meet the challenges of a changing profession.



Goodman and Snyder's Differential Diagnosis for Physical Therapists : Screening For Referral, 7th ed

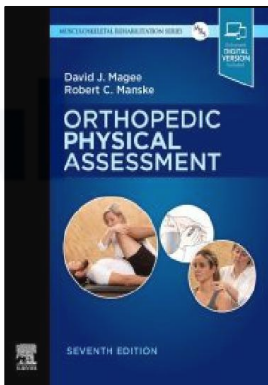
Author : Rolando T. Lazaro dan John Heick
No. Class : 615.8 HEI g
Location : Jakarta

Description:

Learn how to screen for systemic and medical conditions, and when to make a physician referral! Goodman and Snyders Differential Diagnosis for Physical Therapists, 7th Edition helps you identify the signs and symptoms of systemic disease that can mimic neuromusculoskeletal conditions. A step-by-step approach includes the screening tools you need to make an accurate differential diagnosis, describing both red flags and yellow flags as well as risk factors. This edition includes a new Screening for Neurologic Conditions chapter. From an expert team of contributors led by PT educators John Heick and Rolando Lazaro, this guide makes it easier to determine whether to treat or to refer!

New to this edition:

- NEW! Revised content throughout the book provides the most current information for effective practice, and includes updated references as well as a discussion of pain mechanisms.
- NEW Screening for Neurologic Conditions chapter focuses on conditions that require immediate referral when the neurologic condition is in the prodromal stage and have not yet been diagnosed by a medical professional.
- NEW! Updated screening tools include Optimal Screening for Prediction of Referral and Outcome Yellow Flag (OSPRO-YF) and Optimal Screening for Prediction of Referral and Outcome Review of Systems (OSPRO-ROS).
- NEW! Enhanced eBook version is included with every print purchase, allowing access to all of the text, images, and references from the book on a variety of devices.
- NEW! Updated appendices include screening tools and checklists, available in the eBook.

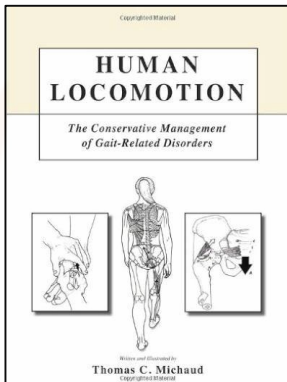


Orthopedic Physical Assessment, ed 7

Author : David J. Magee, Robert C. Manske
No. Class : 616.707 5 MAG o
Location : Jakarta

Description:

Build your skills in the assessment of musculoskeletal pathology! Orthopedic Physical Assessment, 7th Edition covers the principles of assessment for all of the body's structures and joints, including topics such as gait, posture, the head and face, amputees, primary care, and sports emergencies. The 7th edition offers additional functional assessment forms (e-tools), updated evidence-based reliability and validity tables, and hundreds of video clips (included with print purchase) demonstrating special tests on how to perform musculoskeletal assessment. Written by noted PT educators David J. Magee and Robert C. Manske, this reference uses a systematic, evidence-based approach to prepare you for success in clinicals, board exams, and in rehabilitation practice.

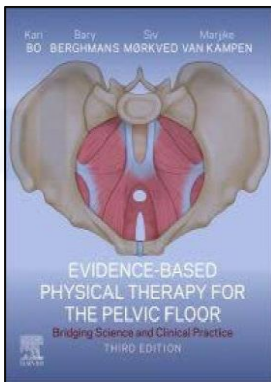


Human Locomotion : The Conservative Management of Gait-Related Disorders

Author : Thomas C. Michaud
No. Class : 617.3 MIC h
Location : Jakarta

Description:

In the course of a year, more than 1.9 million runners will fracture at least one bone and approximately 50 will suffer some form of overuse injury that prevents them from running. Despite the widespread prevalence of gait-related injuries, the majority of health care practitioners continue to rely on outdated and ineffective treatment protocols emphasizing passive interventions, such as anti-inflammatory medications and rest. With more than 1000 references and 530 illustrations, Dr. Michaud's text on human locomotion presents a logical approach to the examination, assessment, treatment and prevention of gait-related injuries. Beginning with a complete review of the evolution of bipedality, this textbook goes on to describe the functional anatomy of each joint in the lower extremity, pelvis, and spine. This information is then related to normal and abnormal motions during the gait cycle, providing the most comprehensive description of human locomotion ever published. Human Locomotion also discusses a wide range of conservative interventions, including a detailed guide to manual therapies, a complete review of every aspect of orthotic intervention, along with illustrated explanations of hundreds of rehabilitative stretches and exercises. The final chapter summarizes state-of-the-art, proven conservative treatment interventions, providing specific protocols for dozens of common gait-related injuries, including Achilles tendinitis, plantar fasciitis, stress fractures and hamstring strains. Whether you are a chiropractor, physical therapist, pedorthist or podiatrist, this text provides practical information that will change the way you practice.



**Evidence-Based Physical Therapy for The Pelvis Floor :
Bridging Science And Clinical Practice, 3rd ed**

Author : Kari BO, Bary Berghmans dan Siv Morkved
No. Class : 615.8 BO e
Location : Jakarta

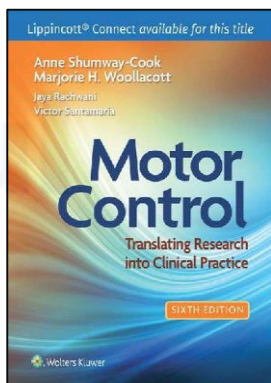
Description:

Written by leading experts in this field, Evidence-Based Physical Therapy for the Pelvic Floor provides physiotherapists and other professionals with knowledge and confidence to bring the latest evidence-based approaches and treatment strategies for addressing pelvic floor dysfunction to their practice.

Fully updated and with a wealth of new information, this edition includes sections on devices and apps, gynaecological cancer, sexual dysfunction, fistula, clinical use of EMG, anal incontinence and pain, as well as a discussion of sexualized violence by Nobel Peace Prize winner Denis Mugwege and his team.

Key Features:

- New and fully updated contents new authors and new chapters provide contemporary evidence
- Innovative practice guidelines supported by a sound evidence base
- Colour illustrations of pelvic floor anatomy and related neuroanatomy/neurophysiology
- MRIs and ultrasounds showing normal and dysfunctional pelvic floor
- Key summaries for easy navigation
- Full colour throughout



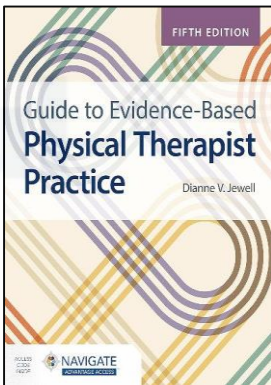
**Motor Control : Translating Research Into Clinical Practice,
6th ed**

Author : Anne Shumway-Cook, Marjorie H. Woollacott dan Jaya Rachwani
No. Class : 612.04 SHU m
Location : Jakarta

Description:

Motor Control: Translating Research into Clinical Practice, 6th Edition, is the only text that bridges the gap between current and emerging motor control research and its application to clinical practice. Written by leading experts in the field, this classic resource prepares users to effectively assess, evaluate, and treat clients with problems related to postural control, mobility, and upper extremity function using today's evidence-based best practices.

This extensively revised 6th Edition reflects the latest advances in research and features updated images, clinical features, and case studies to ensure a confident transition to practice. Each chapter follows a consistent, straightforward format to simplify studying and reinforce understanding of normal control process issues, age-related issues, research on abnormal function, clinical applications of current research, and evidence to support treatments used in the rehabilitation of patients with motor control problems.



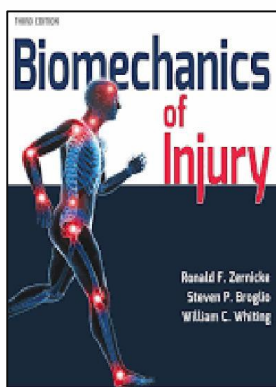
[Guide to Evidence-Based Physical Therapist Practice, 5th ed](#)

Author : Dianne V. Jewell
No. Class : 615.82 JEW g
Location : Jakarta

Description:

Guide to Evidence-Based Physical Therapist Practice, Fifth Edition teaches the knowledge and skills to evaluate medical evidence and apply it to the practice of physical therapy. This valuable reference explains the fundamentals of medical research and how to determine which studies are useful in practice. As the leading evidence-based practice text for physical therapy, this is a comprehensive resource no physical therapist or student should be without.

This practical guide empowers readers to learn how to evaluate research designs, appraise evidence, and apply research in clinical practice. Its reader-friendly style facilitates learning and presents the knowledge essential for physical therapist students to develop a strong foundation in research methods and methodologies related to evidence-based medicine.



[Biomechanics of Injury, 3rd ed](#)

Author : Ronald F. Zernicke, Steven P. Broglio dan William C. Whiting
No. Class : 617.470 44 ZER b
Location : Jakarta

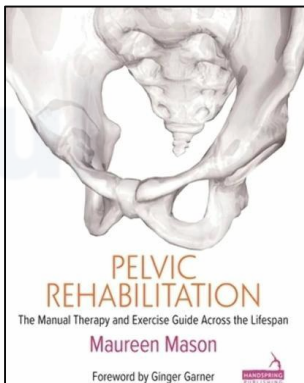
Description:

Biomechanics of Injury, Third Edition, explains the biomechanical principles of injury and how injuries affect the normal function of human anatomy. With a clear, accessible writing style and nearly 400 full-color photos and anatomy illustrations, it guides readers through the mechanical concepts of injuries without a heavy emphasis on mathematics.

Previously titled Biomechanics of Musculoskeletal Injury, this third edition expands coverage of injuries beyond those of the musculoskeletal system to include the head, neck, and spine. Joining noted biomechanists Ronald Zernicke and William Whiting is concussion expert and athletic trainer Steven Broglio, who offers insights on head trauma and other neurological injuries. Unique in its evaluation of and appreciation for the intricacies of injury mechanisms, Biomechanics of Injury, Third Edition, comprehensively examines these issues:

- The mechanical aspects of injury and the concept of injury as a stimulus for beneficial tissue adaptations
- The effects of injury on the normal function of the human anatomy and joint mechanics
- Mechanical parameters such as force, stress and strain, stiffness, and elasticity and their application to tissue mechanics and injury
- How connective tissues respond to mechanical loading and how those tissues are studied to quantify their mechanical behavior
- Factors such as age, gender, nutrition, and exercise, with an emphasis on how lifestyle choices might lessen the chance or severity of injury
- How the principles of mechanical load and overload, use and overuse, level and progression of injury, and the many contributory factors involved in injury combine to form a backdrop for viewing specific injuries

Updated sidebars present a detailed analysis of anterior cruciate ligament injuries, rotator cuff pathologies, and concussion. In addition, the text discusses topics of current concern such as falls in older populations, throwing-related rotator cuff pathologies, and youth injuries from carrying backpacks.



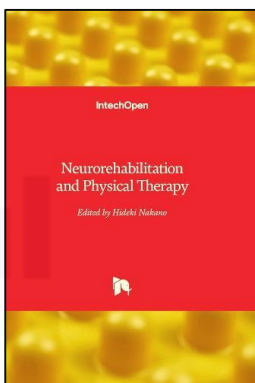
[Pelvic Rehabilitation : The Manual Therapy And Exercise Guide Across The Lifespan](#)

Author : Maureen M. Mason, Bruce Hogarth, Ginger Garner
No. Class : 617.550 62 MAS p
Location : Jakarta

Description:

This book presents paradigms and programs for pelvic health conditions over the lifespan from childhood to senior years, with medical pearls and storytelling. It includes new concepts and practices with the integration of Medical Therapeutic Yoga and Pilates into rehabilitation prescriptions, sexual medicine, and strategies for healing pain and trauma.

The contributors have a wealth of clinical experience, from pediatrics to geriatrics, and the client care focus is with manual therapy, exercise, education, and compassion based treatment. Physical therapy, Yoga and Pilates are woven together to provide evidence based platforms for health care intervention for pelvic pain, bladder and bowel dysfunction, pelvic organ prolapse, sexual medicine, and trauma sensitive care. Medical professionals as well as body workers, fitness trainers and community educators can glean critical health care knowledge as well as strategies for teamwork for client care. Health conditions pertaining to the pelvis are often under recognized, disregarded by most medical practitioners, and suffered in silence, humiliation and shame by most clients. The text will support global health care education and empowerment regarding pelvic health conditions and conservative care options. The text is integrative in considering the biopsychosocial model as well as current medical standards in pelvic rehabilitation treatment, as well as health promotion with nutrition and supplements.

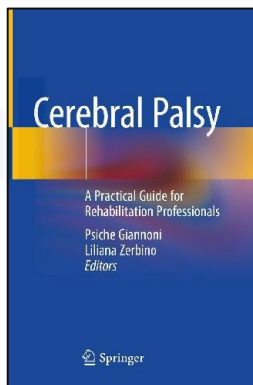


[Neurorehabilitation and Physical Therapy](#)

Author : Hideki Nakano
No. Class : 616.804 6 NAK n
Location : Jakarta

Description:

Neurorehabilitation (neuroscience-based rehabilitation) is a medical approach that utilizes the brain's plasticity to help patients recover from nervous system injury. Remarkable progress has been made in this field, thus attracting increased attention from the scientific community. The concept of neurorehabilitation is widely accepted in physical therapy, and evaluation and treatment based on this concept are currently being practiced. This book provides a comprehensive overview of neurorehabilitation with chapters on motor imagery, repetitive peripheral magnetic stimulation, virtual reality, neurofunctional interventional approaches, and much more.



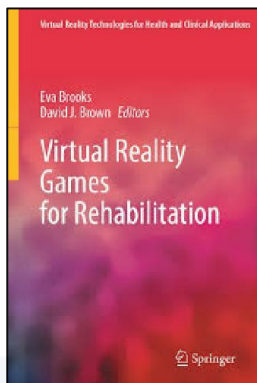
Cerebral Palsy : a Practical Guide for Rehabilitation Professionals

Author : Psiche Giannoni dan Liliana Zerbino
No. Class : 616.836 GIA c
Location : Jakarta

Description:

This book helps rehabilitators and caregivers understand the multifaceted needs of children with cerebral palsy or other neuromotor impairments in order to plan and implement an effective treatment regimen. Drawing on the authors extensive experience spanning several decades, it addresses the sensitive challenge of rehabilitation, which cannot and must not be confined by the rigid schemes of established schools. In particular, the book provides numerous practical suggestions, intended to guide the reader through correct clinical reasoning, setting goals and subsequent treatment. Furthermore, it includes chapters on evaluating and treating the upper limbs, feeding and communication problems, as well as on the care of soft tissues and the management of the visual difficulties in these children.

The book is a valuable resource for physiotherapists, occupational therapists, speech therapists and other caregivers.

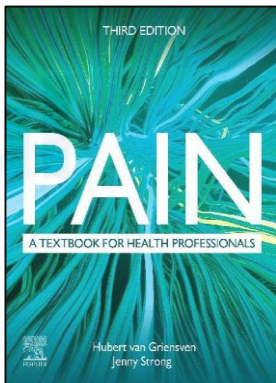


Virtual Reality Games For Rehabilitation

Author : Eva Brooks dan David J. Brown
No. Class : 615.8 BRO v
Location : Jakarta

Description:

This volume focuses on games to manage and facilitate rehabilitation. It emphasizes user practice, attitudes, and experience, and their changing place within developing rehabilitation frameworks. It looks at how users have adopted, integrated, and innovated with games to facilitate rehabilitation. Topics include game technology, game design and accessibility, web-based technologies vs pervasive and mobile technologies, social and collaborative aspects, and rehabilitative outcome. Games for rehabilitation are gaining interest from different communities such as medicine, psychology, and rehabilitation. A distinction can be made between games specifically made for rehabilitative purposes and games made for the general public but that are used in rehabilitation as well. Games have allowed the building of new/complementary forms for rehabilitation and offered new options to produce rehabilitative activities and experiences.



Pain : a Textbook for Health Professionals, 3rd ed

Author : Hubert van Griensven dan Jenny Strong
No. Class : 616.047 2 GRI p
Location : Jakarta

Description:

Pain: A textbook for health professionals provides a comprehensive guide to pain and pain management with a focus on interprofessional practice.

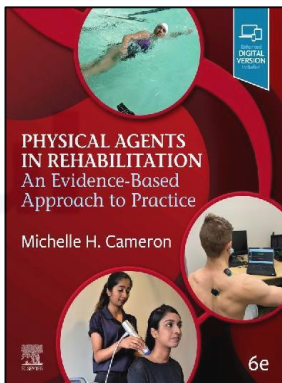
Written by internationally acclaimed authors and fully updated to reflect latest evidence and understanding, this book bridges the gap between theoretical underpinning and practice for assessment and management of patients with persistent pain all in clear and accessible language.

Now in its third edition, the text emphasises personal aspects of pain and the therapeutic alliance, as well as social and cultural aspects of pain, pain education for patients, and multidisciplinary and interdisciplinary working. It will provide both students and clinicians with a new lens through which to understand a person's pain experience, as well as tools for effective management.

- Comprehensive information about all aspects of pain and pain management
- Relevant to a wide audience-suitable for physiotherapists, occupational therapists, social workers, nurses and GPs, as well as undergraduate students
- Factual and informative for clinicians in everyday practice
- Includes information on acute as well as chronic pain

New to this edition:

- New chapters on communication, the language of pain, pain education for patients, multidisciplinary and interdisciplinary working, and inequities in pain including pain in low and middle-income countries and amongst indigenous peoples
- Updated chapters with new information about the psychology of pain
- Now with full colour artworks and page design

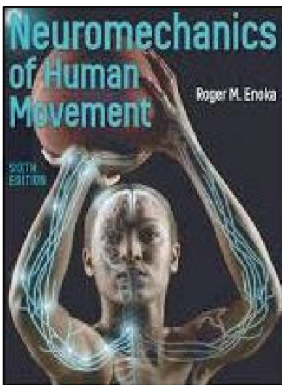


Physical Agents in Rehabilitation : an Evidence-Based Approach to Practice, 6th ed

Author : Michelle H. Cameron
No. Class : 615.82 CAM p
Location : Jakarta

Description:

Learn how to select and apply physical agents to optimize patient outcomes! Physical Agents in Rehabilitation, 6th Edition provides evidence-based guidance for safe and effective use of agents such as heat and cold, lasers and light, ultrasound, electrotherapy, shock waves, hydrotherapy, traction, and compression. It makes clinical decision making easier with clear explanations of the scientific theory and physiology underlying each agent, and also describes current research and rationales for treatment recommendations. Comprehensive coverage of all physical agents including mechanisms, clinical effects, and application techniques for thermal agents, electrical currents, electromagnetic agents, and mechanical agents. UNIQUE! Step-by-step, illustrated Application Techniques boxes guide you in carrying out effective treatment options. Updated Electrical Stimulation, Ultrasound, and Laser Light Handbook is included in the eBook as a quick reference to use in the clinic. UNIQUE! Find the Evidence tables make it easy to find up-to-date, patient-specific evidence using the PICO (Patient, Intervention, Comparison, Outcome) framework. Research references throughout the book, focused on high-quality evidence. Updated review questions and answers help you master the material.



Neuromechanics of Human Movement, 6th ed

Author : Roger M. Enoka
No. Class : 612.76 ENO n
Location : Jakarta

Description:

Neuromechanics of Human Movement, Sixth Edition, integrates knowledge from the fields of neurophysiology and biomechanics into a unified framework known as neuromechanics. This contemporary approach transcends traditional approaches that focus solely on mechanics and do not consider the role of the sensorimotor system in the control of human movement. Authored by Roger Enoka, a widely recognized and esteemed scholar in neuromechanics, this influential text makes complex information accessible to students of biomechanics, motor learning, and applied physiology.

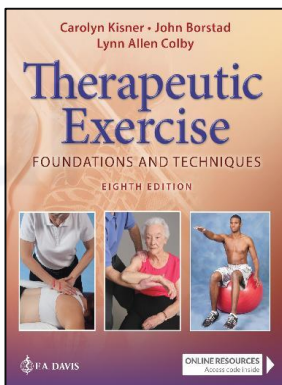
With more than 500 new references from contemporary research, this sixth edition provides a scientific foundation to the study of human movement, employing precise terms and definitions when discussing ideas. The end of the book includes an appendix that showcases both the base and derived units of the metric system, an appendix that features curve fitting and smoothing to help readers understand how to reduce noise in their data, an appendix on body segment properties, and an appendix that covers the motion at the major joints of the human body. The book also includes a glossary of key terms to help readers better understand the material. The text includes more than 50 practical learning examples, giving students the opportunity to work through a variety of problems and explore current research and applications. Content is visually reinforced with over 325 figures, including illustrations of the neuromechanics involved in sport and rehabilitation movements, to engage students.

Significant content updates in the sixth edition present information relevant for both research and clinical environments, including more contemporary examples throughout the text. The latest edition includes new information on the following subjects: wearables to track movement kinematics; characterization of gait disorders; technical advances in electromyography; interactions between muscle, tendon, bone, and joint; intermuscular reflex pathways; control of intentional actions; fatigue and fatigability; training protocols; motor recovery after nervous system injury

To encourage a comprehensive learning experience, the text follows a logical progression in which each part builds on the material from the previous section. It begins with an introduction to the biomechanical terms commonly used to describe movement, focusing on the relationship between force and motion.

Part II deals with the motor system and introduces essential concepts from neurophysiology required for understanding how movement is produced by the nervous system. Part III focuses on adaptability of the motor system, including the acute and chronic changes that can occur in response to deviations in an individual's level of physical activity.

The sixth edition of Neuromechanics of Human Movement provides a scientific basis for the study of human movement while continuing to expand current knowledge in the fields of biomechanics and neurophysiology. By integrating these fields in a unique framework, this text offers professionals and students both valuable clinical information and inspiration to deepen their study of human movement.

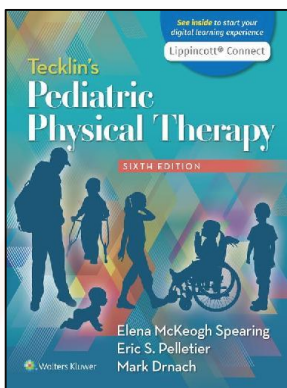


Therapeutic Exercise : Foundations and Techniques, 8th ed

Author : Carolyn Kisner, Lynn Allen Colby, John Borstad
No. Class : 615.82 KIS t
Location : Jakarta

Description:

Here is all the guidance you need to customize interventions for individuals with movement dysfunction. You will find the perfect balance of theory and clinical technique in-depth discussions of the principles of therapeutic exercise and manual therapy and the most up-to-date exercise and management guidelines.

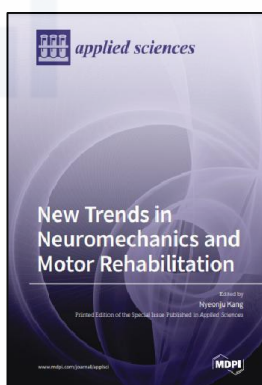


Tecklin's Pediatric Physical Therapy, 6th ed

Author : Elena McKeough Spearing, Eric S. Pelletier dan Mark Drnach
No. Class : 615.8 SPE t
Location : Jakarta

Description:

Knowledge Tecklins Pediatric Physical Therapy provides a comprehensive and logical overview of some of the most common pediatric physical therapy diagnoses. This straightforward approach presents basic medical information regarding common clinical diagnostic categories followed by coverage of physical therapy examination, intervention and special considerations within each diagnostic group. Content in this 6th Edition has been thoroughly updated and reorganized to help prepare students for today's clinical challenges, accompanied by case studies and interactive features that reinforce understanding and instill the clinical decision-making skills essential to successful practice.

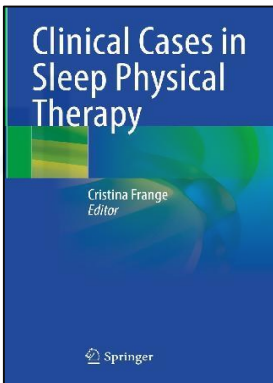


New Trends in Neuromechanics and Motor Rehabilitation

Author : Nyeonju Kang
No. Class : 612.7 KAN n
Location : Jakarta

Description:

Neuromechanics has been used to identify optimal rehabilitation protocols that successfully improve motor deficits in various populations, such as elderly people and individuals with neurological diseases (e.g stroke, Parkinsons disease, and essential tremor). By investigating structural and functional changes in the central and peripheral nervous systems based on neuromechanical theories and findings, we can expand our knowledge regarding underlying neurophysiological mechanisms and specific motor impairment patterns before and after therapies to further develop new training programs (e.g non-invasive brain stimulation). Thus, the aim of this Special Issue is to present the main contributions of researchers and rehabilitation specialists in biomechanics, motor control, neurophysiology, neuroscience, and rehabilitation science. The current collection provides new neuromechanical approaches addressing theoretical, methodological, and practical topics for facilitating motor recovery progress.



Clinical Cases in Sleep Physical Therapy

Author : Cristina Frange
No. Class : 615.8 FRA c
Location : Jakarta

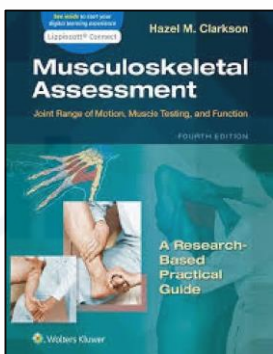
Description:

Sleep diseases and cases are both very common (such as sleep respiratory disturbances) and rare (such as narcolepsy), with increasing and alarming prevalence worldwide. As diagnosis is always performed by physicians, physiotherapists often receive the patients referred by other health practitioners.

This engaging book focuses on a compilation of case reports and clinical scenarios collected over the years. It intends to show the practical management of different cases in treating sleep disorders by physiotherapists. The reader will have a chance to understand how, in clinical practice, physiotherapists from different countries treat sleep issues, either in conjunction or not with other health professions.

Written by worldwide experts, the 30 instructive chapters present the practice of sleep and physical therapy around the globe, as well as the integration of sleep as a imperative topic in health promotion and well-being. They also intend to describe the anamnesis, the clinical history, rationale and process for the physiotherapeutic treatment, patient-centered, and with an interdisciplinary approach.

The reader will be able to tie up loose ends of the clinical picture and to connect with the theoretical knowledge, understanding the evidence-based practice in each of the clinical case, thus having the insight to start thinking as a sleep physiotherapist. As the contemporary world is always changing, so is physical therapy on behalf of health in these lightning times.



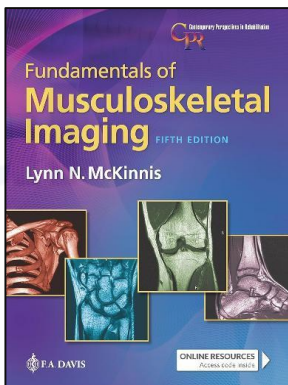
Musculoskeletal Assessment: Joint Range of Motion, Muscle Testing, and Function, 4th ed

Author : Hazel M. Clarkson
No. Class : 616.7 CLA m
Location : Jakarta

Description:

This updated fourth edition of Hazel Clarksons Musculoskeletal Assessment: Joint Range of Motion, Muscle Testing, and Function: A Research-Based Practical Guide offers a straight forward student-friendly approach to learning the clinical evaluation of Joint Range of Motion (ROM), Muscle Length, and Manual Muscle Testing (MMT). Now in striking full color, the fourth edition provides the right amount of detail students need to prepare for effective practice.

Each chapter is devoted to a separate anatomical region to help Physical Therapists and Occupational Therapists-in-training hone their understanding of pertinent surface and deep anatomy. The clear narrative outlines the steps taken in the assessment techniques and interpreting the results and is enhanced by a strong art program with meticulously created color illustrations and photographs that demonstrate patient and therapist positions and instrument placement.



Fundamentals of Musculoskeletal Imaging, 5th ed

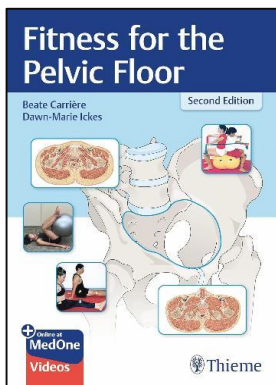
Author : Lynn N. McKinnis
No. Class : 616.707 5 MCK f
Location : Jakarta

Description:

The book that set the standard for the role of correlating imaging findings to clinical findings as part of a comprehensive patient evaluation, more specific treatment plans and better outcomes is back in a New Edition.

Here's everything Physical Therapists need to know about medical imaging. This comprehensive guide helps you develop the skills and knowledge you need to accurately interpret imaging studies and understand written reports.

Begin with a basic introduction to radiology then progress to evaluating radiographs and advanced imaging from head to toe. Imaging for commonly seen traumas and pathologies, as well as case studies prepare you to meet the most common to most complex challenges in clinical and practice.

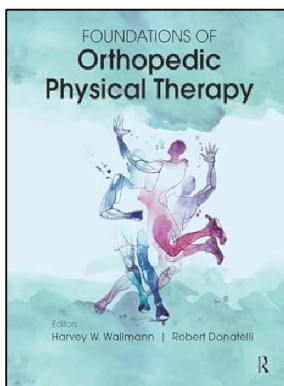


Fitness for the Pelvic Floor, 2nd ed

Author : Beate Carrière dan Dawn-Marie Ickes
No. Class : 611.96 CAR f
Location : Jakarta

Description:

Pelvic floor disorders affect some 200 million people worldwide and can cause debilitating symptoms in men, women, and children. For over 17 years, Fitness for the Pelvic Floor has been an essential guide for physical therapists and patients alike, with its practical approach to navigating pelvic floor dysfunction. The 2nd edition features new concepts for clinical applications by renowned physical therapist, Beate Carriere, and significantly benefits from contributions by co-author Dawn-Marie Ickes, an expert in integrative health and wellness, who adds new topics targeted at physical therapy students.

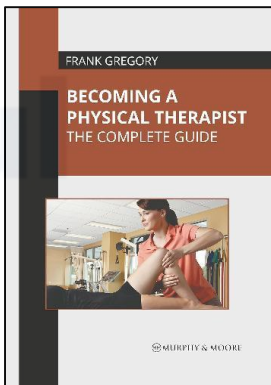


Foundations of Orthopedic Physical Therapy

Author : Harvey W. Wallmann, Robert Donatelli
No. Class : 615.82 WAL f
Location : Jakarta

Description:

Foundations of Orthopedic Physical Therapy emphasizes a comprehensive method to assessment that produces treatment guidelines instead of rigid protocols and incorporates basic principles of evaluation, examination, and clinical reasoning. Each chapter contains author comments focusing on their perception of an effective patient intervention, evidence-based support for their decisions, and illustrative client case studies featuring unique and diverse patients who require specific interventions related to their orthopedic issues.

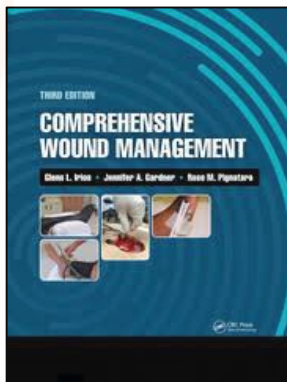


Becoming a Physical Therapist : The Complete Guide

Author : Frank Gregory
No. Class : 615.82 GRE b
Location : Jakarta

Description:

Physical therapy is a healthcare profession concerned with the application of manual therapy, biomechanics or kinesiology, exercise therapy, electrotherapy, etc. to treat impairments and promote mobility and function. The purpose of physical therapy is to enhance a patient's quality of life through the effective diagnosis, prognosis, intervention and education of patients. Some specialization areas of physical therapy are cardiovascular and pulmonary physiotherapy, geriatric, integumentary, orthopedic and neurological physical therapy, among others. The outcomes of physical therapy typically include the management of pain, ability to perform activities of daily living, management of depression, etc. This book is a compilation of topics that discuss the most vital concepts in the field of physical therapy. Different approaches, evaluations and methodologies have been included in this book. It aims to serve as a resource guide for students and experts alike.



Comprehensive Wound Management, 3rd ed

Author : Vincent M. Conroy dan Brian Murray
No. Class : 612.74 CON k
Location : Jakarta

Description:

Comprehensive Wound Management, Third Edition is back with a timely update providing a comprehensive overview of wounds—from etiology to intervention.

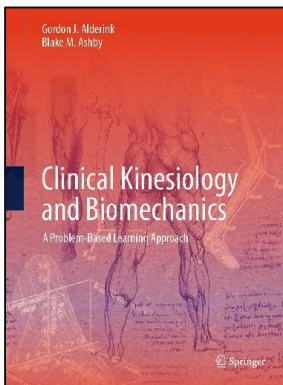
Featuring more than 300 full-color images, photos, tables, and graphs to aid students in recognizing different types of wounds when performing examination and providing interventions, Comprehensive Wound Management, Third Edition goes beyond the call of duty of a traditional textbook. The book breaks down each of the common wound types, neuropathic, pressure, and vascular, into individual chapters that may be utilized for a holistic approach to learning or as stand-alone reading assignments.

Comprehensive Wound Management, Third Edition also covers classes of interventions, plan of care, documentation, and other administrative concerns such as reimbursement and regulations that must be considered in real-life practice of wound management. A major emphasis is placed on teaching how to perform interventions instead of simply mentioning them in context.

Whats new to the Third Edition:

- Updated terminology and other changes recently instituted by the National Pressure Injury Advisory Panel
- Up-to-date information regarding reimbursement and regulations
- Boxes with summaries of performing examinations and interventions
- Short-answer questions at the end of each chapter
- Included with the text are online supplemental materials for faculty use in the classroom.

Comprehensive Wound Management, Third Edition proves to be as invaluable a text as its previous editions and remains a must-have resource for physical therapy students and clinicians, certified wound specialists, rehabilitation professionals, and any health care provider who is managing the treatment of wounds.



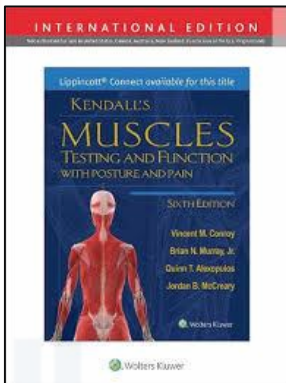
Clinical Kinesiology and Biomechanics : A Problem-Based Learning Approach

Author : Gordon J. Alderink, Blake M. Ashby
No. Class : 612.76 ALD c
Location : Jakarta

Description:

This new textbook uses a problem-based learning (PBL) approach for teaching the fundamentals of kinesiology and biomechanics to undergraduate and graduate students in the biomedical, rehabilitative, and exercise science fields. Case vignettes and problems for each major region of the body are presented-cervical spine, thoracic spine and rib cage, lumbar spine and pelvis, shoulder girdle, elbow/forearm, wrist, hand, hip, knee, and ankle/foot. For the cases on the spine and upper extremity, biomechanics of posture are included for cases involving the hip, knee, and ankle/foot, an extensive study of gait analysis is also incorporated. These case vignettes are not preceded by chapters that provide foundational information. Rather, relevant anatomical, biomechanical, and other information needed to solve/explain each case are embedded in the relevant chapters presenting the clinical cases.

- The material presented is organized using case vignettes and a regional approach
- Presents learning theory/abstract concepts in the context of clinical problems
- Emphasizes quantitative literacy in a clinical context



Kendalls Muscles: Testing and Function With Posture and Pain, 6th ed

Author : Vincent M. Conroy dan Brian Murray
No. Class : 612.74 CON k
Location : Jakarta

Description:

Kendalls Muscles: Testing and Function, with Posture and Pain, 6th Edition, transforms this landmark Physical Therapy classic to prepare you for unparalleled clinical success in today's practice. Timeless coverage of manual muscle testing, evaluation, and treatment meets the latest evidence-based practices, engaging imagery, and dynamic digital resources to create a powerful resource you will reference for years to come.

The extensively revised 6th Edition of this proven classic details normal and abnormal range of motion, developmental factors and environmental influences on posture, length tests and stretching exercises, entrapment and compression syndromes, scoliosis, and more, incorporating extensive updates and enhancements to help you develop clinical confidence and ensure safe, effective practice throughout your career.

- Expanded ergonomics and body mechanics content familiarizes you with the most

current perspectives in these critical areas.

- Considerations for special populations alert you to specific approaches for pediatric and geriatric populations, as well as patients with comorbidities.
- Photographs and illustrations clarify the latest technologies and clinical advances in muscle testing in a clear, user-friendly format.
- Case studies enhance your clinical application capabilities with realistic patient scenarios.
- Classic Kendall boxes detail key assessment, process, and treatment content in the trademark Kendall approach for unparalleled understanding at a glance.
- Historical Notes enrich your understanding of important links between past and current practices.
- References and Suggested Readings point you to the most relevant research literature for further study.