

Neuromusculoskeletal Examination And Assessment A

This reference is ideal for students who need support during their neuromusculoskeletal clinical practice in areas such as communication, clinical reasoning, examination and assessment. It is a vital source for understanding the role of mobilization and manipulation in helping to maximize the recovery, rehabilitation and functioning of patients with movement-related disorders. The principles of the Maitland Concept of Manipulative Physiotherapy are applied to each body region so as to guide the student through to the appropriate selection, application and progression of mobilization and manipulation techniques within the context of contemporary physiotherapeutic rehabilitation. A vital companion to the classic texts – Maitland's Vertebral Manipulation and Maitland's Peripheral Manipulation – which promotes a patient-centred approach to neuromusculoskeletal disorders. Learning objectives and self-assessment questions in every chapter enables students to reflect on their knowledge Case studies highlights key aspects of the concepts to clinical practice Clinical profiles for common neuromusculoskeletal conditions Techniques described and accompanied by over 500 images Picture key to identify types of examination, decision-making and techniques within the text

Accessible, concise, and clinically focused, *Essentials of Pain Medicine*, 4th Edition, by Drs. Honorio T. Benzon, Srinivasa N. Raja, Scott M. Fishman, Spencer S. Liu, and Steven P. Cohen, presents a complete, full-color overview of today's theory and practice of pain medicine and regional anesthesia. It provides practical guidance on the full range of today's pharmacologic, interventional, neuromodulative, physiotherapeutic, and psychological management options for the evaluation, treatment, and rehabilitation of persons in pain. Covers all you need to know to stay up to date in practice and excel at examinations – everything from basic considerations through local anesthetics, nerve block techniques, acupuncture, cancer pain, and much more. Uses a practical, quick-reference format with short, easy-to-read chapters. Presents the management of pain for every setting where it is practiced, including the emergency room, the critical care unit, and the pain clinic. Features hundreds of diagrams, illustrations, summary charts and tables that clarify key information and injection techniques – now in full color for the first time. Includes the latest best management techniques, including joint injections, ultrasound-guided therapies, and new pharmacologic agents (such as topical analgesics). Discusses recent global developments regarding opioid induced hyperalgesia, addiction and substance abuse, neuromodulation and pain management, and identification of specific targets for molecular pain.

Designed to assist the student in acquiring and applying the ideas, concepts and methods contained in the two volumes of "Clinical Application of Neuromuscular Techniques". This title presents 34 case histories, differential diagnosis discussions and questions. Questions regarding contra-indications, tests, and details are also provided.

This book is a practical guide to the diagnosis and treatment of knee conditions for physiotherapists. Beginning with an overview of anatomy and biomechanics of the knee, the next chapter explains physical examination and evaluation. The following chapters cover different types of disorders including soft tissue injuries, arthritic conditions, and fractures and dislocations. The final section

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discusses physiotherapy for post-surgical patients. The text covers common conditions affecting knee joints, traumatic sports injuries, disorders affecting less mobile patients, and degenerative joint diseases. Guidance on 'dos and don'ts' for home exercise programs is also included. The text is further enhanced by clinical photographs and diagrams. Key points Practical guide to diagnosis and management of knee conditions for physiotherapists Covers soft tissue injuries, arthritic conditions, and fractures and dislocations Includes discussion on physiotherapy for post-surgical patients Offers guidance on 'dos and don'ts' for home exercise programs

Part of the Oxford Textbooks in Clinical Neurology series, the Oxford Textbook of Neuromuscular Disorders covers the scientific basis, clinical diagnosis, and treatment of neuromuscular disorders with a particular focus on the most clinically relevant disorders. The book is organized into seven sections, starting with the general approach to the patient with neuromuscular disorders and then focusing on specific neuromuscular conditions affecting the peripheral nervous system from its origins at the spinal cord anterior horn on its outward course to their effector muscles and the inbound sensory pathways. Chapters on specific neuromuscular conditions are illustrated with typical case histories and their presenting features, allowing readers to put rarer conditions into their clinical context more easily. The concurrent online version allows access to the full content of the textbook, contains links from the references to primary research journal articles, allows full text searches, and provides access to figures and tables that can be downloaded to PowerPointRG. This textbook will serve as a useful reference for neurologists and specialist trainees in neurology, neuroscientists, neurophysiologists, and other healthcare professionals.

Another selection of the Jones and Bartlett Series: Contemporary Issues in Physical Therapy and Rehabilitation Medicine Multidisciplinary Management of Migraine: Pharmacological, Manual, and Other Therapies is the first textbook focused on the multidisciplinary treatment of migraine including pharmacological and non-pharmacological approaches. This comprehensive text discusses epidemiology, pathophysiology, diagnosis, and management of patients with migraine headache integrating clinical experience and expertise with current evidence-based best practices. The authors are worldwide experts recognized in migraine and headache with experience in academic, research, and practice settings. Multidisciplinary Management of Migraine: Pharmacological, Manual, and Other Therapies reviews the options for medical management of patients with migraine by way of: pharmacological interventions; musculoskeletal interventions including muscle and joint centered interventions, manual therapy, and dry needling; and complementary and alternative medicine techniques including naturopathy, acupuncture, and placebo. With a multimodal and multidisciplinary approach, this comprehensive resource provides a variety of therapeutic tools for students and practitioners to provide excellent care and medical management of patients with migraine headache. Key Topics: Theories of migraine pathophysiology Sensitization mechanisms Migraine triggers Examination of the cervical and thoracic spinal joints Pharmacological interventions Musculoskeletal interventions Alternative medicine techniques This textbook is perfect for completing a headache library combined with tension-type and cervicogenic headache. Browse additional titles in the Jones & Bartlett Learning Series Contemporary Issues in Physical Therapy and Rehabilitation Medicine, at: [http:](http://)

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//go.jblearning.com/PTseries"

(Churchill Livingstone) Presents a multifactorial approach to clinical reasoning in the assessment and treatment of acute pain, with emphasis on education and rehabilitation. Discusses the structure and function of the healthy back and tissue changes and dysfunction. Also addresses postural balance and daily back care. For physiotherapists and chiropractors. (Product Description). Two-volume set contains: The Concise Guide to Physiotherapy: Volume 1 Assessment and The Concise Guide to Physiotherapy: Volume 2 Treatment. A blend of resources providing an insight into the 'non core' areas of practice, enabling the individual to prepare ahead or refresh knowledge in order to feel confident about managing patients in practice areas not previously encountered. Together, both volumes are designed to assist undergraduate physiotherapy students and new graduates in confidently assessing and treating patients in a range of physiotherapy specialties outside of the 'core' areas of practice. Areas covered include paediatrics, geriatrics, mental health and rheumatology. Valuable content is easily accessible in a small portable format which will be an invaluable reference during placements or practice. Each chapter provides a concise overview of the philosophy and the specific assessment processes for each of the 17 practice specialties. A wealth of online learning resources are also available with both Volumes, these include access to case studies, multiple-choice questions and a reference list for each chapter. In addition there is a bank of downloadable photographs and line drawings relating to each of the 17 chapters. Both volumes used together will be an indispensable tool for any physiotherapist. Easy access to nuggets of information on 17 'non core' speciality areas, including burns and plastics, learning disabilities and rehabilitation A handy quick reference tool for both students and physiotherapists Gives insight into the philosophy of approach that can be taken in either assessing or treating the individual Access to online resources including, reference lists, an image bank, 51 cases studies and over 300 MCQs! Describing the background of non-specific backache as well as the assessment and treatment methods ideal for use in combination with massage therapy, this book describes osteopathic and chiropractic methods and then integrates them into a detailed description of a massage session focusing on the person with backache.

Nelson Textbook of Pediatrics has been the world's most trusted pediatrics resource for nearly 75 years. Drs. Robert Kliegman, Bonita Stanton, Richard Behrman, and two new editors—Drs. Joseph St. Geme and Nina Schor—continue to provide the most authoritative coverage of the best approaches to care. This streamlined new edition covers the latest on genetics, neurology, infectious disease, melamine poisoning, sexual identity and adolescent homosexuality, psychosis associated with epilepsy, and more. Understand the principles of therapy and which drugs and dosages to prescribe for every disease. Locate key content easily and identify clinical conditions quickly thanks to a full-color design and full-color photographs. Stay current on recent developments and hot topics such as melamine poisoning, long-term mechanical ventilation in the acutely ill child, sexual identity and adolescent homosexuality, age-specific behavior disturbances, and psychosis associated with epilepsy. Tap into substantially enhanced content with world-leading clinical and research expertise from two new editors—Joseph St. Geme, III, MD and Nina Schor, MD—who contribute on the key subspecialties, including pediatric infectious disease and pediatric neurology. Manage the transition

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to adult healthcare for children with chronic diseases through discussions of the overall health needs of patients with congenital heart defects, diabetes, and cystic fibrosis. Recognize, diagnose, and manage genetic conditions more effectively using an expanded section that covers these diseases, disorders, and syndromes extensively. Find information on chronic and common dermatologic problems more easily with a more intuitive reorganization of the section.

With over 1,200 multiple choice review questions written to parallel the content and format of the National Physical Therapy Board Examination (NPTE), Saunders' Q&A Review for the Physical Therapy Board Examination provides more NPTE practice than any other review resource available. Strengthen your understanding of core principles across the full spectrum of physical therapy practice with comprehensive exam practice from specialty experts. This title includes additional digital media when purchased in print format. For this digital book edition, media content is not included. More than 1,200 multiple-choice questions test your understanding of key content across a variety of practice environments, including schools, hospitals, and communities. Organized by topic, it parallels the content and proportional question breakdown of the board examination to familiarize you with the testing format. Correct answers, detailed rationales, and specific references help you get more out of your study time.

A logical, systematic working guide to the examination and assessment of the neuromusculoskeletal system, combining a wide range of approaches used clinically around the world. It brings together as one process the examination and assessment of the structures involved: joints, nerve and muscle tissue. Each section follows the same logical, step by step sequence of illustrations and text. The book is designed for manual therapists requiring to identify and assess clinical problems in this area, whether student or clinician. Combines a wide range of commonly used approaches to examination and assessment Logical, repetitive structure from chapter to chapter Combines a wide range of commonly used approaches to examination and assessment Highly illustrated with specially commissioned photos and line drawings Written by an experienced lecturer in higher education who teaches the subject at both undergraduate and postgraduate level Well referenced Comprehensive but concise Logical, repetitive structure from chapter to chapter Written at a level suitable for undergraduate students in all the relevant specialties - easy to follow but does not "talk down" Chapters and references updated throughout. Updated photographs to make the text clearer for the reader. 224 new photographs. Second colour added to line drawings. Additional tables to improve clarity

Covering advanced massage therapy skills, this practical resource prepares you to work with medical professionals in a clinical setting, such as a hospital, hospice, long-term care, or other health-related practice. It discusses the many skills you need to succeed in this environment, helping you become a contributing member of an integrated team. Also covered are the essentials of clinical massage, such as indications and contraindications, review of massage methods, range of motion testing, SOAP note documentation, and a massage therapy general protocol. Case studies show how a multidisciplinary approach applies to real-world clients. By coordinating your work with other health professionals, you can enhance patient care in any clinical setting! Includes a DVD with: Two hours of video showing specific applications, featuring author Sandy Fritz. A complete general protocol for massage. State-of-the-art animations depicting biologic functions and medical procedures. 700 full-color illustrations

accompany procedures, concepts, and techniques. An integrated healthcare approach covers the healthcare environment and the skills necessary to be a contributing member of an integrated healthcare team. A research-based focus emphasizes research, clinical reasoning, and outcome-based massage application — for effective massage application in conjunction with healthcare intervention. A complete general protocol provides a guide to treating disorders and maintaining wellness, with recommendations for positioning and interventions, using a step-by-step sequence that can easily be modified to meet a patient's specific needs. A palliative protocol helps you temporarily relieve a patient's symptoms of disorders or diseases. Case studies focus on outcome-based massage for individuals with multiple health issues, detailing assessment, medical intervention, justification for massage, and session documentation. Coverage of advanced massage therapy skills and decision-making skills includes specific themes for effective massage application, allowing you to consolidate massage treatment based on the main outcomes — useful when working with individuals with multiple pathologies or treatment needs. A discussion of aromatherapy provides safe recommendations for the use of essential oils in conjunction with massage, to promote healing of the body and mind. Descriptions of illness and injury include relevant anatomy/physiology/pathophysiology, as well as strategies and massage applications to use for pain management, immune support, stress management, chronic illness, and post-surgical needs. Coverage of insurance and reimbursement issues relates to you as a massage professional. Strategies for general conditions such as substance abuse, mental health, orthopedic injury, and cardiovascular disorders help you specialize in clinical massage. Expert authors provide knowledge in research, massage therapy in healthcare, and manual therapies. Learning resources include chapter outlines, chapter learning objectives, key terms, and workbook-style exercises. A companion Evolve website includes: PubMed links to research supporting best practices and justification for massage application. More information on topics such as insurance, pharmacology, and nutrition. More information on anatomy and physiology and other subjects. A comprehensive glossary with key terms and some audio pronunciations.

Volumes of the Topical Issues in Pain series are now a common sight in Physiotherapy departments and practices throughout the UK. More and more students are using them to learn clinical skills and as key references for study and research. The accolades the series has received from within and outside the profession are both moving and cheering for Physiotherapy. This 5th volume energetically moves the boundaries of Physiotherapy on, divided into 5 sections, it considers some of the most important issues and challenges facing clinicians and society today. The section on return to work (3) examines the financial and human costs of work absence, the difficulties that surround and often prevent people in pain from returning to work and finally details practical ways of helping patients actually get there. It is becoming increasingly clear that the traditional treatments being offered for common and benign pain states, whether by therapists, Drs or Surgeons, are ineffective when measured in terms of return to work and confident function - why is this? The answers most likely lie in the broader, multidimensional, understanding of pain biology (section 5) that is embraced in the principles and practice of cognitive-behavioural therapies and approaches (section 4), especially when they are used alongside physical rehabilitation programmes (sections 1, 2, 3 & 4). Vivaly, these proven

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approaches are patient-orientated requiring highly trained experts in listening, explaining and communicating (sections 1 & 2). This book acknowledges that there no simple 'fix' that takes a hurting human being from a state of vulnerability back to one of physical confidence and full working potential. What it is does though, is breathe a breath of optimism into the current state-of-the-art of the physical pain-management process that, when skilfully applied, actually does help a great deal. The Topical Issues in Pain series derives from the work, study days and seminars of the Physiotherapy Pain Association and is written by clinicians for clinicians. This book provides an accessible guide to neuromuscular disorders using case scenarios from the world-renowned MRC Centre for Neuromuscular Diseases at the National Hospital, Queen Square, London, UK. Fifty genetic and acquired disorders are presented in a practical, easy-to-read format, including those that are common and also some which are rare. Each case covers the history, examination and investigations, including neurophysiology, neuroradiology and neuropathology if appropriate. Discussions of each case include the differential diagnosis, useful clinical pointers and a brief summary of the management of the condition. Neuromuscular Disease: Case Studies from Queen Square is aimed at neurology trainees and consultant general neurologists.

This valuable new text provides up-to-date information on the basic science of the neuromusculoskeletal system and its relevance to diagnosis through an innovative case-study, problem-solving approach. It contains 26 actual cases that present a variety of conditions and disorders commonly seen in practice, ranging from multiple sclerosis to carpal tunnel syndrome.

Rev. ed. of: Principles of neuromusculoskeletal treatment and management / Nicola J. Petty. 2004.

Specifically designed to address the expanding role of physical therapists in primary care, the second edition of Primary Care for the Physical Therapist: Examination and Triage provides the information you need to become an effective primary care provider. Acquire the communication and differential diagnosis skills, technical expertise, and clinical decision-making ability to meet the challenges of a changing profession with this unparalleled resource. Emphasizes communication skills vital for establishing rapport and gathering data. Patient interview guides identify what data to collect and how to use it. Overview of the physical examination lays the foundation for different diagnosis and recognition of conditions. A section on Special Populations equips the PT to handle common problems encountered in primary care. Unique approach details pharmacology and diagnostic procedures from a PT perspective for clinically relevant guidance. New information enhances your understanding of the foundations of practice and how to screen and examine the healthy population. Content is reorganized and updated to reflect the current state of PT practice. Companion Evolve resources website enables you to independently review techniques from the text. Top 10 Medical Conditions to Screen For chapter details conditions that have major significance in incidence, mortality, and morbidity all in one place. Separate chapters on upper and lower quarter screening and a new chapter on symptom investigation by symptom help you screen medical conditions more effectively.

Neuromusculoskeletal Examination and Assessment E-Book A Handbook for Therapists Elsevier Health Sciences

NEUROMUSCULOSKELETAL CLINICAL TESTS: A CLINICIAN'S GUIDE is an essential tool for both students and clinicians working in the orthopaedic/musculoskeletal field. Recalling, applying and interpreting correctly the vast range of clinical tests is a difficult task for even the most experienced clinician. This exceptionally practical book provides a suitable selection of clinical tests, which can be used in either the

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academic or clinical setting. Consistently structured for easy referral, the text covering each test contains 3 sections – introduction, procedure and findings with interpretations – all backed up by detailed images. This clearly illustrates both the theoretical and practical information for every clinical test included. Highly illustrated with clear step-by-step guidance Places each clinical test in context Sensitivity and specificity values of particular tests A guide to understanding sensitivity and specificity Spiral-binding allows for easy, lie-flat reference

This is a practical guide to the examination and assessment of the neuromusculoskeletal system which aims to enable the therapist to identify a client's problem before deciding on a treatment. Because it focuses on these preliminary diagnostic processes it is a complementary text supporting books on the various treatment techniques themselves (such as the available books by Leon Chaitow, Gregory Grieve, etc). It brings together as one process the examination and assessment of all the structures involved: joint, nerve and muscle tissue, and is designed for use by anyone requiring to identify and assess clinical problems in this area - both student and clinician. It is highly illustrated with clear, step-by-step sequences of illustrations and text that are logical and easy to follow. The co-author Ann Moore is also co-author of *The Clinical Educator - Role Development*, and co-editor of the journal *Manual Therapy*. She is probably the best known person in the manual therapy field in the UK and beyond. Features: * Addresses a need common to all manual therapists * Complements 'technique manuals' by focusing on the preliminary diagnostic processes * Helps therapists ensure that the chose

Clinical reasoning is a key skill underpinning clinical expertise. *Clinical Reasoning in Musculoskeletal Practice* is essential reading for the musculoskeletal practitioner to gain the contemporary knowledge and thinking capacity necessary to advance their reasoning skills. Now in its 2nd edition, it is the only all-in-one volume of up-to-date clinical reasoning knowledge with real-world case examples illustrating expert clinical reasoning. This new edition includes:

- Comprehensively updated material and brand new chapters on pain science, psychosocial factors, and clinical prediction rules.
- The latest clinical reasoning theory and practical strategies for learning and facilitating clinical reasoning skills.
- Cutting-edge pain research and relevant psychosocial clinical considerations made accessible for the musculoskeletal practitioner.
- The role of clinical prediction rules in musculoskeletal clinical reasoning.
- 25 all new real-world, clinical cases by internationally renowned expert clinicians allowing you to compare your reasoning to that of the best.

Rev. ed. of: *Neuromusculoskeletal examination and assessment* / Nicola J. Petty, Ann P. Moore. 1998.

Now in its fourth edition, this core textbook continues to provide a comprehensive, systematic guide to the examination and assessment of patients with neuromusculoskeletal dysfunction. The new edition continues with Nicola Petty at the helm but she is now joined by a reputable team of specialized clinicians and academics who have contributed to individual chapters. *Neuromusculoskeletal Examination and Assessment* focuses on the development of technical and clinical reasoning skills involved in differential diagnosis of joint, nerve and muscle tissues. It is designed for physiotherapy/manual therapy students and their teachers but is also ideal for those in the first years of their practice as an educational support for patient care. Provides a logical approach to patient examination to enhance clinical reasoning Presents key concepts of leading therapists and researchers in the field of manual therapy Emphasizes a patient-centred approach Templated step-by-step sequence of illustrations and text creates an accessible tool for use in teaching and practice New 2-colour drawings and photographs visually demonstrate techniques

The thoroughly revised, updated Second Edition of this manual is a practical, portable guide to the treatment of chronic pain. Unique in its focus on clinical decision-making, the book provides diagnostic criteria and management protocols for a wide range

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of painful conditions. This edition features new information on cancer pain, palliative care, fibromyalgia, and myofascial pain and includes more drug tables, algorithms, figures, and pain assessment scales. The modified outline format permits easy information retrieval. Compatibility: BlackBerry(R) OS 4.1 or Higher / iPhone/iPod Touch 2.0 or Higher / Palm OS 3.5 or higher / Palm Pre Classic / Symbian S60, 3rd edition (Nokia) / Windows Mobile(TM) Pocket PC (all versions) / Windows Mobile Smartphone / Windows 98SE/2000/ME/XP/Vista/Tablet PC

This concise and practical book provides an overview of neuromuscular disorders in clinical practice. Diagnostic approaches are covered along with patient management strategies in an easy-to-understand and introductory framework. Filling a significant gap in the literature, this resource delivers essential information for neurology trainees and practitioners, as well as anyone interested in learning the fundamentals of this important medical subspecialty.

"The Physiotherapist's Pocket Book" is an exceptionally comprehensive, handy reference that is ideal for clinicians in their daily practice and students on core clinical placements - musculoskeletal, neurology, respiratory. The second edition of this extremely popular book has been updated and expanded to make it even more invaluable during clinical practice. It is designed to be a useful aide memoir during assessment and treatment planning with instant access to key facts and figures.

The 3rd edition of PACES for the MRCP has been fully revised and updated throughout to retain its pole position as the textbook to accompany core medical training (CMT) and prepare candidates for success in the Practical Assessment of Clinical Examination Skills and a future specialty career. Features Fully revised for the new Station 5 and completely updated throughout. Promotes understanding and deeper learning of modern medicine applicable to PACES and the specialist registrar. Emphasis on clinical assessment – history-taking, examination and communication skills – equipping candidates with appropriate differential diagnoses from which to develop the right diagnosis. Encourages candidates to question why a diagnosis has arisen and consider its consequences. For example, 'Heart failure' is not a diagnosis until a candidate has considered the differential diagnoses of breathlessness and decided why heart failure is most likely, and then considered its cause (not always ischaemic heart disease), its presentation (acute, chronic, left or right ventricular or both) and, most importantly, the effects of it and its treatments on a patient's life. This 3rd edition of PACES for the MRCP continues to provide fully revised, up-to-date, evidence-based coverage of investigations and treatments. Whilst the emphasis of PACES is on clinical skills, candidates who understand when, for example, a patient with rheumatoid arthritis might benefit from a biologic agent and how this will influence inflammatory disease, is better equipped for success. A one-volume text giving candidates complete preparation for the PACES exam within one portable volume 250 cases organised into the 5 stations of the PACES exam – respiratory and abdominal system, history taking, cardiovascular and nervous system, communication and ethics and skin, locomotion, eyes and endocrine systems Engaging question-and-answer approach at the end of each case – excellent preparation for the exam Boxed tips highlight vital information – helps identify what is most important to remember Produced in full colour throughout Colour coding for each station Many more illustrations added - now over 300 clinical photographs and line drawings in colour Many more cases added, bringing the number up to 250 -

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50 per station History-taking and communication skills stations now revised so that they exactly mimic the requirements of the exam

This issue of *Physical Medicine and Rehabilitation Clinics*, guest edited by Dr. Kathleen L. Davenport, will discuss a number of important topics in Dance Medicine. This issue is one of four issues selected each year by series Consulting Editor, Santos Martinez. Topics discussed in this issue include, but are not limited to: Rehabilitation of the Dancer, Access to Healthcare Among Dancers, Dry Needling and Acupuncture, Nutrition Periodization in Dancers, Choreography Specific Cross Training for Dancers, Mental and Physical Resilience in Dancers, Pointe Readiness Screening, Dancers with Disabilities, Special Considerations for the Growing Dancer, Supplemental Training in Dance: Systematic Review, Concussions in Dancers and Other Performing Artists, and Nutritional Concerns for the Artistic Athlete.

Designed for the busy practitioner seeking quick answers when diagnosing and treating common—and not so common— disorders. Each volume in the series focuses on a key area of rehabilitation medicine and breaks down the problems, treatments, and expected results into succinct facts, organized alphabetically and presented in bullet-point style for quick reference in the office or clinic. Whether the practitioner needs to look up a diagnostic question, neurorehabilitation complication, or sports intervention, this series provides the answers. Product Description: *Neuromuscular/EMG* covers all major topics in pediatric rehabilitation and is comprised of eight sections covering mononeuropathies, polyneuropathies, the neuromuscular junction, motor neuron disease, radiculopathies, plexopathies, muscle diseases, and movement disorders. *Neuromuscular/EMG: Rehabilitation Medicine Quick Reference* provides the necessary knowledge the busy practitioner needs to deliver quality rehabilitative care to pediatric patients. Addressing more than 100 varied topics presented in a consistent format for maximum clinical utility, this nuts and bolts resource is organized in eight sections. Every entry is standardized for quick look-up in the office or clinic, and features description, etiology, risk factors, clinical features, natural history, diagnosis, red flags, treatment, prognosis, helpful hints and suggested readings. This exciting new resource is designed to assist undergraduate physiotherapy students and new graduates in confidently treating patients in a range of physiotherapy areas outside the 'core' areas of practice. Areas covered include paediatrics, geriatrics, mental health and rheumatology. Valuable content is easily accessible in a small portable format which will be an invaluable reference during placement or practice. Each chapter provides a concise overview of the philosophy and the specific treatment processes for each of the 17 practice specialties. A wealth of online learning resources are also available with the Guide, these include access to case studies, multiple-choice questions and a reference list for each chapter. In addition there is a bank of downloadable photographs and line drawings relating to each of the 17 chapters. Used along with *The Concise Guide to Physiotherapy: Volume 1 Assessment, Volume 2 Treatment* will be an indispensable tool for any physiotherapist. A blend of resources providing an insight into the 'non core' areas of practice, enabling the individual to prepare ahead or refresh knowledge in order to feel confident about approaching the treatment of patients in practice areas not previously encountered. Easy access to nuggets of information on 17 'non core' speciality areas, including burns and plastics, learning disabilities and rehabilitation A

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handy quick reference tool for both students and physiotherapists Access to online resources including, reference lists, an image bank, 51 cases studies and over 300 MCQs!

Mobilizing Knowledge in Physiotherapy: Critical Reflections on Foundations and Practices is a collection of 15 collaboratively written critical essays, by 39 authors from 15 disciplines and seven countries. The book challenges some of the most important contemporary assumptions about physiotherapy knowledge, and makes the case for much more critical theory, practice, and education in physiotherapy health and social care. The book challenges the kinds of thinking that have traditionally bounded the profession and highlights the ways in which knowledge is now increasingly fluid, complex, and diffuse. The collection engages a range of critical social theories and interdisciplinary perspectives from within and without the profession. It includes sections focusing on evidence, practice, patient perspectives, embodiment, culture, diversity, digital worlds, and research methods. The book makes an important contribution to how we think about mobilizing knowledge, and it speaks to a diverse audience of academics, practitioners, educators, policy-makers, and students - both within physiotherapy and from a range of related health and social care disciplines. This book will be a useful reference for scholars interested in conceptions of professional knowledge, and the theory of professional education and practice in physiotherapy and beyond.

Newly updated, this full-color resource offers a systematic approach to performing a neuromusculoskeletal assessment with rationales for various aspects of the assessment. This comprehensive text covers every joint of the body, head and face, gait, posture, emergency care, the principles of assessment, and preparticipation evaluation. The latest edition of this core text is the essential cornerstone in the new four-volume musculoskeletal rehabilitation series. Thorough, evidence-based content provides the information and detail you need to select the best diagnostic tests. Extensively updated information incorporates the latest research and most current practices. Case Studies help you apply what you learn from the book to real life situations. Tables and boxes throughout the text organize and summarize important information and highlight key points. Chapter Summaries review the assessment procedures for each chapter to help you find important information quickly. Case Histories in each chapter demonstrate assessment skills to help you apply them in practice. Reliability and validity of tests and techniques included throughout help you choose assessment methods supported by current evidence. A new full-color design clearly demonstrates assessment methods, a variety of tests, and causes of pathology. A Companion CD-ROM with all of the references from the text linked to MedLine abstracts reinforces concepts from the book. Primary Care Assessment chapter includes the latest information on the constantly evolving state of physical therapy practice. Includes the most current information on the assessment of the cervical spine, hip, posture, and foot and ankle to keep you up to date on current methods of practice.

Now in its fifth edition, this core textbook continues to provide a comprehensive, systematic guide to the examination, assessment and clinical reasoning processes needed by clinicians when managing patients with musculoskeletal conditions. Nicola Petty is joined by Dionne Ryder in editing this new edition, which also sees an expanded number of specialist clinicians and academics contributing individual chapters. *Musculoskeletal Examination and Assessment* provides an invaluable guide to the technical and

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clinical reasoning skills involved in the differential diagnosis of joint, nerve and muscle tissues within a psychosocial model of health and illness. Three initial chapters outline the subjective and physical examination as well as the clinical reasoning process. Subsequent chapters provide details of the examination for each region of the body. This edition is designed for physiotherapy and musculoskeletal therapy students as they get to grips with contemporary clinical practice. Provides a logical, clinically reasoned and evidence-enhanced approach to patient examination and assessment Emphasizes a patient-centred approach Presents key clinical concepts of leading therapists and researchers in the field of musculoskeletal therapy Many drawings and photographs visually demonstrate techniques while enhancing descriptions in the text Clinical examples bring to life the clinical reasoning process An emphasis on consideration of the patient's perspective Reliability, validity, sensitivity and specificity of the physical tests are highlighted Vascular considerations are included throughout the text References updated throughout

Het succesvolle Amerikaanse boek Basic biomechanics of the skeletal system is inmiddels verschenen in onder andere de Zweedse, Chinese en Japanse vertaling. Ook de Nederlandse vertaling en bewerking werd enthousiast ontvangen. Deze vierde, licht gewijzigde druk van Biomechanica van het spier-skeletstelsel geeft opnieuw op heldere wijze en met vele illustraties inzicht in de belangrijkste biomechanische begrippen die men tegenkomt in de diagnostiek, de behandeling, de revalidatie en de preventie van letsel van het bewegingsapparaat. Het boek bevat hoofdstukken over heup, knie, enkel, voet, schouder, elleboog, pols, hand, halswervelkolom, lendewervelkolom en bekken. Hierin worden de mechanische eigenschappen besproken van bot, kraakbeen, pezen en ligamenten. Bovendien worden er relaties gelegd tussen een ongunstige belasting en het ontstaan van klachten, zoals lage rugpijn en een tenniselleboog. Biomechanica van het spier-skeletstelsel bevat veel voorbeelden uit de praktijk, die bijeen zijn gebracht door een orthopedisch chirurg, een fysiotherapeut en een ingenieur. Lichaamshouding staat centraal bij de onderwerpen bukken en tillen, staan, zitten en liggen. De houding van het lichaam houdt immers ten nauwste verband met de eisen die men moet stellen aan schoenen, stoelen, bedden en werkplekken. De veelheid aan informatie maakt het boek geschikt als leerboek voor verscheidene studierichtingen (medici en paramedici). Zelfstudie wordt vergemakkelijkt door middel van oefenopgaven met essay- en multiple-choicevragen. Prof.dr.ir. C.J. Snijders, de Nederlandse vertaler en bewerker van deze publikatie, is als hoogleraar verbonden aan het Erasmus MC, Universitair Medisch Centrum Rotterdam en aan de Faculteit Industrieel Ontwerpen van de Technische Universiteit Delft. Hij publiceerde talrijke wetenschappelijke artikelen in nationale en internationale tijdschriften. Fundamentals of Tests and Measures for the Physical Therapist Assistant provides students with the tools required to interpret the physical therapy evaluation and replicate the measurements and tests. This text guides students in learning how to utilize case information and documentation furnished by the PT to assist in the follow-up treatment.

The fundamental textbook of orthopedic physical therapy is now in its thoroughly updated Fourth Edition. This new edition presents a "how-to" approach focusing on the foundations of manual therapy. More than 1,200 illustrations and photographs demonstrate therapeutic techniques. Extensive references cite key articles, emphasizing the latest research. Reflecting current practice standards, this edition places greater emphasis on joint stabilization techniques and the role of exercise. Coverage

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includes new material on soft tissue manipulations and myofascial evaluation. This edition also features case studies covering real-life practice scenarios.

This title is directed primarily towards health care professionals outside of the United States. The authors combine the latest evidence-based knowledge from the fields of orthodontics, plastic and neurosurgery, as well as otolaryngeal treatments, physiotherapy and manual therapy to provide new treatment strategies for clinicians interested in craniofacial problems. This approach is based on the latest clinical reasoning models. Grounded in pain science theory and modern craniofacial growth concepts, the techniques can be integrated into any manual, neuro-orthopaedic orientated treatment model. This approach can be easily used in the daily clinic and adapted to a variety of patterns of craniofacial pain. Practical, evidence-based and comprehensive Highly illustrated Clearly described manual techniques and management strategies Clinically relevant Includes contributions from leaders in the field Covers adult and paediatric treatment

Physiotherapy Management of Haemophilia provides a comprehensive overview of the physiotherapy treatment concepts and management strategies currently available that can be incorporated into the management programs for patients with haemophilia. It is written by physiotherapists with a broad range of experience of haemophilia, based on their clinical experience and supported by evidence from the relevant literature. This book is essential reading for the physiotherapist responsible for the treatment of patients with haemophilia. It will, however, also be a valuable source of reference for doctors, nurses, orthopaedic surgeons and counselors.

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