

RESEARCH

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Gait rehabilitation for foot and ankle impairments in early rheumatoid arthritis: a feasibility study of a new gait rehabilitation programme (GREAT Strides)

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Abstract

Background: Foot impairments in early rheumatoid arthritis are common and lead to progressive deterioration of lower limb function. A gait rehabilitation programme underpinned by psychological techniques to improve adherence, may preserve gait and lower limb function. This study evaluated the feasibility of a novel gait rehabilitation intervention (GREAT Strides) and a future trial.

Methods: This was a mixed methods feasibility study with embedded qualitative components. People with early (< 2 years) rheumatoid arthritis (RA) and foot pain were eligible. Intervention acceptability was evaluated using a questionnaire. Adherence was evaluated using the Exercise Adherence Rating Scale (EARS). Safety was monitored using case report forms. Participants and therapists were interviewed to explore intervention acceptability. Deductive thematic analysis was applied using the Theoretical Framework of Acceptability. For fidelity, audio recordings of intervention sessions were assessed using the Motivational Interviewing Treatment Integrity (MITI) scale. Measurement properties of four candidate primary outcomes, rates of recruitment, attrition, and data completeness were evaluated.

Results: Thirty-five participants (58.6% female) with median age (inter-quartile range (IQR)) 60.1 (49.4–68.4) years and disease duration 9.1 (4.0–16.2) months, were recruited and 23 (65.7%) completed 12-week follow-up. Intervention acceptability was excellent; 23/23 were confident that it could help and would recommend it; 22/23 indicated it made sense to them. Adherence was good, with a median (IQR) EARS score of 17/24 (12.5–22.5). One serious adverse event that was unrelated to the study was reported. Twelve participants' and 9 therapists' interviews confirmed intervention acceptability, identified perceptions of benefit, but also highlighted some barriers to completion. Mean MITI scores for relational (4.38) and technical (4.19) aspects of motivational interviewing demonstrated good fidelity. The Foot Function Index disability subscale performed best in terms of theoretical consistency and was deemed most practical.

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Rehabilitation Of Early Rheumatoid Arthritis

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arthroscopy imaging vascular disorders tendon transfers fingertip injuries mobilization techniques traumatic brachial plexus injuries and pain management all clearly depicted with full color illustrations and photographs **Geriatric Rehabilitation**

K. Rao Poduri, 2017-03-16 Geriatric Rehabilitation addresses the fact that this is an age in which individuals have increasing longevity better health care education and expectations of health care which present new increasing and even radical challenges to health care providers The care of our older patients in rehabilitation settings demands the broad understanding of the key differences in strategies to care for older adults The combined skills embraced in rehabilitation and geriatrics are presenting unprecedented opportunities for both fields to make substantive and even ground breaking improvements in the lives of millions of older adults who entrust their lives to us Rarely in one's medical career are such opportunities so evident and achievable Geriatric Rehabilitation edited by Dr K Rao Poduri MD FAAPMR draws on a distinguished group of authors who are the front line providers of care to the older adults This book presents the full spectrum of the unique care needs of older patients who need the combined skills of physical medicine and geriatrics It provides an easily accessible means of acquiring and improving these new skills for all those involved in geriatric care Rehabilitation of Persons with

Rheumatoid Arthritis Rowland W. Chang, Patricia A. Lee, 1996 This book in the Rehabilitation Institute of Chicago Publication Series presents a multidisciplinary approach to patient rehabilitation including management protocols in nursing occupational therapy physical therapy speech therapy and vocational therapy The result of the cumulative experience of the staff of the Arthritis Center at the Rehabilitation Institute of Chicago this book also covers the psychological impact of rheumatoid arthritis family involvement and community resources *Rehabilitation Medicine Core Competencies*

Curriculum Adrian Cristian, 2014-09-04 Built around the six core competencies for physicians practicing rehabilitation medicine as required by the ACGME Physical Medicine and Rehabilitation Patient Centered Care Mastering the Competencies is a unique self directed text for residents Covering all aspects of patient centered care in the practice of physical medicine and rehabilitation the book provides a competency based approach to topics and conditions commonly encountered in this specialty Thoughtfully organized chapters offer easy to access clinical content for all major practice areas and the book's competency based goals and objectives also serve as a clear platform for educating physiatrists in training during their clinical rotations The first part of the book presents the foundations of the core competencies medical knowledge professionalism patient care practice based learning and improvement system based practice and interpersonal and communication skills with basic principles for application and also includes chapters on implementing educational milestones core professional education principles and building leadership skills In the second part experts in the field apply these core competencies to the management of common conditions including stroke spinal cord and brain injury amputation and prosthetics musculoskeletal disorders multiple sclerosis and much more Each of these chapters identifies goals and objectives for each competency and concludes with a representative case study and self assessment questions with answers

and explanations The book also provides references to key articles and links to internet based educational materials Practical tips how to and where to guides key points tables and charts also help to maintain current knowledge and competency in the many areas that comprise the field of PM R The book will be a valuable asset to physiatrists in training program directors and teaching faculty in rehabilitation medicine training programs and for continuing professional development Key Features Addresses core competencies for rehabilitation medicine physicians as required by the ACGME Covers all major physiatric practice areas with facts concepts goals and objectives following the competency model Grounded in a holistic patient centered approach Presents sample case studies with discussion points and self assessment questions with answer key and explanations for each area to track progress and build clinical acumen

Pharmacology for Rehabilitation Professionals - E-Book Barbara Gladson, 2010-09-28 Now fully revised and updated Dr Barbara Gladson's *Pharmacology for Rehabilitation Professionals* 2nd Edition remains your best resource for understanding how various drugs affect patients during therapeutic exercise and rehabilitation Using case studies and engaging activities it helps you apply essential pharmacology information directly to rehabilitation practice New chapters a new reader friendly design new artwork and more enhance the text and bring you up to date with both basic pharmacologic principles as well as the mechanism of action and side effects of drugs commonly seen in rehabilitation practice Helps you develop effective exercise programs by providing drug exercise interactions from a pharmacokinetics perspective You will clearly see the implications for exercise for each specific condition and medication Presents case studies in every chapter that demonstrate the effects of various drugs on the diagnosis prognosis and interventions in physical therapy so you can more easily monitor patients for adverse drug effects Features engaging activities in every chapter ranging from patient interviews to challenging real life questions helping you retain and apply what you've learned Encourages you to use the latest research in your clinical decision making with evidence based content incorporated throughout Simplifies the complex topic of pharmacokinetics so that you will fully understand how it affects your individual patients and your care plans Guides you in using the Internet for online drug information with references to specific sites and when and how to use them to their fullest potential Discusses lifespan considerations such as age physical differences and obesity as well as the latest information on diabetes and glucose testing A new chapter on Complementary and Alternative Medicine in Pharmacology covers popular herbal and alternative products used to promote health as well as herbal remedies used during menopause and in the treatment of cancer helping you recognize the impact of herbals on your patients symptoms and response to therapy A new chapter on Drugs Affecting the Integumentary System discusses skin disorders and their pharmacological treatment prophylactic and debriding agents antiseptics and more A new chapter on Nutrition and Pharmacology provides current information on vitamins and minerals enteral and parenteral nutrition and food and drug interactions important topics that affect rehabilitation outcomes Updated drug information and new drugs are added throughout the text keeping you up to date with current pharmacological

information as it pertains to rehabilitation

Physical Medicine and Rehabilitation Joel A. DeLisa, Bruce M.

Gans, Nicholas E. Walsh, 2005 The gold standard physical medicine and rehabilitation text is now in its Fourth Edition with thoroughly updated content and a more clinical focus More than 150 expert contributors most of them new to this edition address the full range of issues in contemporary physical medicine and rehabilitation and present state of the art patient management strategies emphasizing evidence based recommendations This edition has two separate volumes on Physical Medicine and Rehabilitation Medicine Each volume has sections on principles of evaluation and management management methods major problems and specific disorders Treatment algorithms and boxed lists of key clinical facts have been added to many chapters

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In a world driven by information and connectivity, the ability of words has been evident than ever. They have the capacity to inspire, provoke, and ignite change. Such is the essence of the book **Rehabilitation Of Early Rheumatoid Arthritis**, a literary masterpiece that delves deep into the significance of words and their impact on our lives. Written by a renowned author, this captivating work takes readers on a transformative journey, unraveling the secrets and potential behind every word. In this review, we shall explore the book's key themes, examine its writing style, and analyze its overall impact on readers.

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