

functional dynamic standing balance activities occupational therapy

functional dynamic standing balance activities occupational therapy are essential components in rehabilitation programs designed to enhance a patient's ability to maintain stability while performing movements that require weight shifting and postural control. These activities are particularly vital for individuals recovering from neurological injuries, orthopedic conditions, or age-related balance impairments. Occupational therapy uses targeted interventions to improve dynamic standing balance, enabling patients to perform daily activities safely and independently. This article explores the significance of functional dynamic standing balance activities in occupational therapy, detailing assessment methods, effective techniques, and practical applications. Additionally, it outlines specific exercises and strategies to optimize therapy outcomes for diverse patient populations. The following sections provide a comprehensive overview of the topic, guiding clinicians and therapists in implementing evidence-based balance training.

- Understanding Functional Dynamic Standing Balance in Occupational Therapy
- Assessment Techniques for Dynamic Standing Balance
- Effective Functional Dynamic Standing Balance Activities
- Therapeutic Benefits and Goals in Occupational Therapy
- Practical Applications and Case Examples

Understanding Functional Dynamic Standing Balance in Occupational Therapy

Functional dynamic standing balance refers to the ability to maintain postural stability and control while the body is in motion or transitioning between positions. In occupational therapy, this concept is crucial because many everyday tasks require individuals to shift their weight, adjust their center of gravity, and respond to environmental challenges while standing. The dynamic nature distinguishes it from static balance, which involves maintaining a stable position without movement. Functional dynamic standing balance activities occupational therapy focuses on improving the patient's capacity to manage these adjustments efficiently and safely during functional tasks.

The Role of Balance in Occupational Therapy

Balance is foundational in occupational therapy as it directly impacts a person's independence and safety in performing activities of daily living (ADLs). Therapists address balance impairments to reduce fall risk, improve mobility, and enhance participation in work, leisure, and self-care tasks. Functional dynamic standing balance activities enable therapists to simulate real-life scenarios, providing patients with opportunities to practice and strengthen postural control in relevant contexts.

Key Components of Dynamic Standing Balance

Several physiological and biomechanical factors contribute to effective dynamic standing balance. These include sensory input integration (vestibular, visual, and proprioceptive systems), muscle strength and coordination, joint range of motion, and cognitive processing. Occupational therapy interventions target these components to restore or improve dynamic balance function.

Assessment Techniques for Dynamic Standing Balance

Accurate assessment is critical in occupational therapy to identify balance deficits and tailor interventions. Various standardized tools and observational methods are used to evaluate functional dynamic standing balance.

Standardized Balance Assessment Tools

Occupational therapists employ validated instruments to quantify balance capabilities and monitor progress. Common assessments include:

- **Timed Up and Go (TUG) Test:** Measures the time taken to stand, walk, turn, and sit down, assessing dynamic balance and mobility.
- **Berg Balance Scale (BBS):** Evaluates static and dynamic balance through 14 functional tasks.
- **Functional Reach Test:** Assesses the maximal distance a person can reach forward while standing without losing balance.
- **Dynamic Gait Index (DGI):** Tests the ability to modify balance while walking in response to changing task demands.

Observational and Functional Assessments

In addition to standardized testing, therapists observe patients performing ADLs involving standing and movement. Tasks such as reaching for objects, turning, or stepping over obstacles provide insight into real-world balance challenges. These assessments help customize functional dynamic standing balance activities occupational therapy interventions.

Effective Functional Dynamic Standing Balance Activities

Incorporating targeted exercises and activities is central to improving dynamic standing balance in occupational therapy. These activities challenge the patient's postural control, strength, coordination, and sensory integration in functional contexts.

Weight-Shifting and Reach Exercises

Weight-shifting activities encourage patients to move their center of gravity laterally, forward, and backward while maintaining standing stability. Examples include:

- Shifting weight from one leg to the other while reaching for objects placed at varying heights and distances.
- Reaching across the body or overhead to simulate dressing or kitchen tasks.
- Using therapy balls or balance boards to enhance proprioceptive feedback during weight shifts.

Stepping and Obstacle Navigation

Stepping strategies improve dynamic balance by training controlled foot placement and postural adjustments. Activities may involve:

- Stepping over cones, blocks, or low barriers to mimic environmental challenges.
- Directional stepping exercises forward, backward, and sideways.
- Practice of turning and pivoting movements to enhance balance during changes in direction.

Functional Task Simulation

Occupational therapy emphasizes functional relevance; thus, balance activities often replicate daily tasks such as:

- Simulated cooking tasks requiring reaching and weight shifts while standing.
- Carrying objects of varying weight and size to challenge postural control.
- Transitional movements between sitting and standing with controlled balance.

Therapeutic Benefits and Goals in Occupational Therapy

Functional dynamic standing balance activities occupational therapy provides multiple therapeutic benefits that contribute to overall health and functional independence.

Improved Postural Control and Stability

Regular practice of dynamic balance exercises enhances neuromuscular coordination, enabling patients to maintain equilibrium during movement. This reduces the risk of falls and injuries in everyday life.

Enhanced Confidence and Independence

Gaining improved balance skills often leads to increased confidence in performing ADLs and community mobility. Patients experience greater autonomy in self-care, work, and leisure activities.

Prevention of Secondary Complications

Maintaining dynamic standing balance helps prevent complications such as muscle atrophy, joint stiffness, and decreased cardiovascular endurance that may arise from prolonged immobility or fear of movement.

Practical Applications and Case Examples

Occupational therapists apply functional dynamic standing balance activities across various patient populations and clinical settings.

Neurological Rehabilitation

Patients recovering from stroke, traumatic brain injury, or Parkinson's disease often demonstrate impaired dynamic balance. Tailored activities focusing on weight shifting, stepping, and task-specific training facilitate neuroplasticity and functional recovery.

Geriatric Therapy

Elderly individuals commonly experience balance deficits due to sensory decline and musculoskeletal changes. Occupational therapy interventions aim to reduce fall risk and promote safe mobility through progressive dynamic balance exercises.

Orthopedic and Post-Surgical Rehabilitation

Following lower limb fractures or joint replacements, dynamic standing balance activities support the restoration of proprioception and strength, enabling safe return to functional activities.

Case Example: Stroke Patient

A 65-year-old stroke survivor demonstrated significant balance impairment with difficulty performing weight shifts and stepping. An occupational therapy program incorporating functional dynamic standing balance activities, such as reaching tasks combined with controlled stepping over obstacles, resulted in improved postural control and independence in standing transfers over eight weeks.

Frequently Asked Questions

What are functional dynamic standing balance activities in occupational therapy?

Functional dynamic standing balance activities in occupational therapy involve exercises and tasks that require maintaining balance while moving or shifting weight, helping clients improve their stability and coordination during everyday activities.

Why are dynamic standing balance activities important in occupational therapy?

Dynamic standing balance activities are crucial because they enhance a person's ability to perform daily tasks safely and independently by improving postural control, coordination, and preventing falls.

Can you give examples of functional dynamic standing balance activities used in occupational therapy?

Examples include reaching for objects while standing, stepping over obstacles, weight shifting exercises, tandem walking, and performing tasks like dressing or cooking while standing.

How does occupational therapy assess dynamic standing balance?

Occupational therapists assess dynamic standing balance using standardized tests like the Berg Balance Scale, Functional Reach Test, or observing clients perform specific functional tasks that challenge their balance.

What populations benefit most from functional dynamic standing balance activities in occupational therapy?

Populations such as stroke survivors, older adults with fall risk, individuals with vestibular disorders, Parkinson's disease, and traumatic brain injury patients benefit significantly from these activities.

How do functional dynamic standing balance activities help with fall prevention?

These activities improve muscle strength, proprioception, coordination, and reaction time, which collectively reduce the risk of falls by enhancing an individual's ability to react to balance disturbances.

Are there any tools or equipment used during functional dynamic standing balance activities?

Yes, therapists may use balance boards, foam pads, cones, obstacle courses, and weighted vests to challenge and improve dynamic standing balance during therapy sessions.

How can occupational therapists tailor dynamic

standing balance activities for individual needs?

Therapists customize activities based on the client's diagnosis, functional goals, current balance abilities, and environmental factors to ensure tasks are both challenging and achievable, promoting optimal functional outcomes.

Additional Resources

1. *Functional Balance and Mobility: Techniques for Occupational Therapy*

This book provides a comprehensive overview of dynamic standing balance activities tailored for occupational therapists. It covers assessment tools, intervention strategies, and practical exercises to enhance functional mobility in various populations. The text integrates evidence-based approaches with real-world clinical applications.

2. *Dynamic Standing Balance in Rehabilitation: Occupational Therapy Perspectives*

Focusing on rehabilitation, this title explores the role of dynamic balance in improving patient outcomes. It offers detailed case studies and therapeutic techniques designed to restore and enhance standing balance. Occupational therapists will find valuable insights into customizing interventions for diverse patient needs.

3. *Occupational Therapy Approaches to Functional Balance Training*

This resource delves into specific occupational therapy methods for training functional balance during standing activities. It emphasizes task-oriented exercises and adaptive equipment usage to promote independence. The book bridges theory and practice, making it ideal for both students and practitioners.

4. *Enhancing Functional Balance through Occupational Therapy Interventions*

Here, readers will discover innovative strategies to improve dynamic standing balance through targeted occupational therapy interventions. The text highlights interdisciplinary collaboration and the integration of sensory-motor techniques. Practical guidelines for goal setting and progress measurement are also included.

5. *Balance Rehabilitation: Functional Activities and Occupational Therapy Techniques*

This book outlines a variety of functional activities designed to rehabilitate balance impairments. It discusses the biomechanics of standing balance and the role of occupational therapy in facilitating recovery. Numerous activity plans and protocols provide clinicians with adaptable tools for therapy sessions.

6. *Practical Guide to Dynamic Balance Activities in Occupational Therapy*

Offering a hands-on approach, this guide presents step-by-step instructions for implementing dynamic standing balance exercises. It includes patient education tips and safety considerations essential for clinical practice. The concise format makes it a handy reference for busy occupational therapists.

7. Task-Oriented Balance Training in Occupational Therapy Practice

This book emphasizes task-oriented training as a core component of balance rehabilitation. It showcases functional activities that mimic daily living tasks to improve standing balance dynamically. The integration of motor learning principles supports therapists in designing effective treatment plans.

8. Sensorimotor Integration and Functional Balance in Occupational Therapy

Focusing on sensorimotor aspects, this title examines how sensory input and motor responses contribute to balance control. It offers therapeutic techniques to enhance sensorimotor integration through dynamic standing activities. Occupational therapists will benefit from its in-depth discussion of neural mechanisms and clinical applications.

9. Clinical Applications of Functional Dynamic Balance in Occupational Therapy

This comprehensive book presents clinical case studies and evidence-based practices related to functional dynamic standing balance. It covers assessment, intervention, and outcome evaluation specific to occupational therapy. The text is designed to support clinicians in delivering personalized and effective balance training programs.

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Functional Dynamic Standing Balance Activities in Occupational Therapy: A Comprehensive Guide

Write a comprehensive description of the topic, detailing its significance and relevance with the title heading: Functional dynamic standing balance activities are crucial interventions in occupational therapy, significantly impacting an individual's ability to perform daily tasks and participate in life activities. Improved balance directly contributes to fall prevention, increased independence, and enhanced quality of life, particularly in aging populations and those recovering from injury or neurological conditions. This guide delves into the theory, practical application, and evidence-based practices surrounding these vital activities.

Ebook Title: Mastering Dynamic Standing Balance: An Occupational Therapy Approach

Ebook Outline:

Introduction: Defining dynamic standing balance, its importance, and the impact on functional performance.

Chapter 1: Assessment of Dynamic Standing Balance: Exploring various assessment tools and methods used to evaluate balance capabilities.

Chapter 2: Principles of Neuroplasticity and Motor Learning: Understanding the neurological underpinnings of balance and how motor learning principles guide intervention.

Chapter 3: Progression of Dynamic Standing Balance Activities: A detailed guide to activity progression, from simple to complex exercises. This includes examples and adaptations for diverse client populations.

Chapter 4: Addressing Specific Challenges in Dynamic Balance: Strategies for managing common balance impairments, such as vestibular dysfunction, visual deficits, and proprioceptive impairments.

Chapter 5: Integration of Dynamic Standing Balance into ADLs: Practical applications of improved balance in activities of daily living (ADLs).

Chapter 6: Case Studies and Examples: Illustrative cases demonstrating successful application of dynamic balance interventions.

Chapter 7: Collaboration and Communication: The importance of interprofessional collaboration and effective communication with clients and their caregivers.

Conclusion: Summarizing key concepts, emphasizing the long-term benefits of dynamic standing balance training, and outlining future directions in research and practice.

Detailed Explanation of Outline Points:

Introduction: This section lays the groundwork by defining dynamic standing balance, differentiating it from static balance, and highlighting its crucial role in independent living and participation. It establishes the context for the entire ebook.

Chapter 1: Assessment of Dynamic Standing Balance: This chapter describes various standardized and informal assessment tools, such as the Berg Balance Scale, Functional Gait Assessment, and Timed Up and Go test, explaining their strengths, weaknesses, and appropriate application in different clinical settings.

Chapter 2: Principles of Neuroplasticity and Motor Learning: This chapter explains the neurological processes involved in balance control, emphasizing the principles of neuroplasticity (the brain's ability to reorganize itself) and motor learning (the process of acquiring and refining motor skills). This understanding informs the selection and sequencing of therapeutic interventions.

Chapter 3: Progression of Dynamic Standing Balance Activities: This core chapter provides a step-by-step guide to progressing dynamic standing balance activities, starting with simple exercises like shifting weight from one leg to another and progressing to more complex tasks like tandem stance, single-leg stance, and reactive balance challenges. It also provides modifications for different client needs and abilities.

Chapter 4: Addressing Specific Challenges in Dynamic Balance: This chapter focuses on adapting interventions for clients with specific balance impairments, providing strategies for managing vestibular dysfunction through vestibular rehabilitation exercises, addressing visual deficits with compensatory strategies, and improving proprioception through sensory stimulation activities.

Chapter 5: Integration of Dynamic Standing Balance into ADLs: This chapter links improved balance to real-world functional tasks, showing how enhanced balance translates to better performance in activities of daily living, such as transferring, walking, cooking, and dressing.

Chapter 6: Case Studies and Examples: This section provides real-world examples of how dynamic balance interventions have helped individuals regain independence and improve their quality of life. This enhances understanding and application of the discussed concepts.

Chapter 7: Collaboration and Communication: This chapter emphasizes the importance of effective communication and collaboration among the occupational therapist, the client, their family, and other healthcare professionals to ensure successful outcomes and continued support.

Conclusion: This chapter summarizes the key takeaways, reinforces the long-term benefits of consistent balance training, and points to areas for future research and development in this field.

Functional Dynamic Standing Balance Activities: Practical Applications and Recent Research

Dynamic standing balance, the ability to maintain equilibrium while shifting weight and moving in various directions, is essential for functional mobility and independence. Recent research highlights the importance of incorporating dynamic balance activities into occupational therapy interventions for diverse populations, including older adults, individuals with neurological conditions (Parkinson's disease, stroke), and those recovering from orthopedic injuries.

Assessment Techniques: Accurate assessment is paramount. Tools like the Berg Balance Scale (BBS), Functional Gait Assessment (FGA), and Timed Up and Go (TUG) test provide objective measures of balance capabilities. However, observational assessments are also crucial to understand the client's movement strategies and identify specific impairments. ([Cite relevant research articles on balance assessment tools]).

Neuroplasticity and Motor Learning: The brain's capacity for neuroplasticity allows for functional improvement through targeted interventions. Motor learning principles, including practice, feedback, and task-specific training, guide the design of effective balance exercises. Focusing on task-specific training, mimicking real-life activities, enhances transferability of skills. ([Cite research on neuroplasticity and motor learning in balance training]).

Progression of Activities: A systematic progression of activities is vital. Begin with simple exercises in a stable environment, gradually increasing challenge through:

Weight shifting: Anterior-posterior and lateral weight shifts in standing.

Single-leg stance: Progressing from supported to unsupported stances.

Tandem stance: Standing with feet heel-to-toe.

Dynamic reach activities: Reaching for objects in different directions while maintaining balance.

Reactive balance exercises: Responding to unexpected perturbations (e.g., using a wobble board or platform).

Dual-task training: Performing cognitive tasks while performing balance exercises (e.g., counting backward while standing on one leg).

Addressing Specific Challenges:

Vestibular dysfunction: Vestibular rehabilitation exercises focusing on habituation, gaze stabilization, and balance retraining are crucial.

Visual deficits: Adaptations may include using larger visual cues, improving lighting, and incorporating verbal cues.

Proprioceptive impairments: Sensory stimulation activities targeting foot pressure, joint position sense, and surface texture can be beneficial.

Integration into ADLs: The ultimate goal is to improve functional performance. Integrate balance exercises into activities like transfers (bed to chair, chair to toilet), gait training, and dressing. Use virtual reality or simulated environments to provide challenging yet safe practice. ([Cite research on integrating balance training into ADLs]).

Case Study Example: A 75-year-old woman with Parkinson's disease experienced significant balance impairments. Through a tailored program incorporating dynamic balance exercises, progressive weight-shifting activities, and dual-task training, she improved her BBS score by 15 points and regained the ability to walk independently across the room.

Collaboration and Communication: Successful outcomes depend on collaboration between the occupational therapist, client, caregivers, and other healthcare professionals. Clear communication, shared goals, and a collaborative approach are essential.

Conclusion: Functional dynamic standing balance activities are vital for maintaining independence and preventing falls. By understanding the underlying principles of neuroplasticity, motor learning, and individual needs, occupational therapists can design effective interventions that lead to improved balance, functional performance, and enhanced quality of life. Continued research exploring innovative approaches and technology is crucial to further optimize outcomes.

FAQs

1. What is the difference between static and dynamic balance? Static balance is the ability to maintain equilibrium in a stationary position, while dynamic balance involves maintaining equilibrium during movement.
2. What are some common causes of balance impairments? Aging, neurological conditions (stroke, Parkinson's disease), vestibular disorders, musculoskeletal injuries, and visual impairments are common causes.
3. How often should dynamic balance exercises be performed? The frequency depends on individual needs and tolerance, but generally, daily or several times a week is recommended.

4. Are there any risks associated with dynamic balance exercises? Falls are a potential risk; therefore, appropriate supervision and modifications are necessary.
5. How can I adapt dynamic balance exercises for individuals with cognitive impairments? Simplify instructions, provide visual cues, and use consistent verbal cues.
6. What role does sensory input play in balance? Sensory information from vision, proprioception, and the vestibular system is essential for maintaining balance.
7. Can virtual reality be used in dynamic balance training? Yes, virtual reality can provide engaging and challenging environments for balance training.
8. How can I measure the effectiveness of my balance training program? Use standardized balance assessment tools and observe functional improvements in daily activities.
9. What are some resources for learning more about dynamic balance exercises? Professional journals, textbooks, and continuing education courses offer valuable resources.

Related Articles:

1. Vestibular Rehabilitation for Balance Impairments: This article explores the role of vestibular rehabilitation in addressing balance problems stemming from inner ear dysfunction.
2. Improving Balance in Older Adults: A Practical Guide: This article focuses on evidence-based strategies for improving balance and preventing falls in the elderly population.
3. The Role of Proprioception in Balance Control: This article delves into the importance of proprioceptive feedback in maintaining balance and coordination.
4. Using Virtual Reality for Balance Training: This article discusses the use of virtual reality technology in enhancing engagement and effectiveness of balance rehabilitation.
5. Adaptive Strategies for Balance Training in Individuals with Parkinson's Disease: This article focuses on customized approaches for improving balance in individuals with Parkinson's disease.
6. The Timed Up and Go Test: A Comprehensive Overview: This article explains the details of a commonly used balance assessment, including administration and interpretation.
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8. The Impact of Visual Impairments on Balance and Mobility: This article discusses the interplay between vision and balance, highlighting strategies for adapting exercises for individuals with visual deficits.
9. Interprofessional Collaboration in Fall Prevention: This article emphasizes the importance of

teamwork and communication between healthcare professionals in improving balance and reducing falls.

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scenario-based videos to practice the documentation process.

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Occupational Therapy - E-Book Heidi McHugh Pendleton, Winifred Schultz-Krohn, 2024-03-25

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skills in problem solving, building on techniques taught and observed as an undergraduate. Written and edited by practising occupational therapists, the book acknowledges the variety of techniques that may be used in stroke management and the scope of the occupational therapist's role. Chapters span such key topics as early intervention and the theoretical underpinnings of stroke care, as well as the management of motor, sensory, cognitive and perceptual deficits. They are written in a user-friendly style and presented in a form that enables the therapist to review the subject prior to assessment and treatment planning. Complex problems are grouped together for greater clarity. This second edition has been fully revised and updated in line with the WHO ICF model, National Clinical Guidelines and Occupational Therapy standards. It is produced on behalf of the College of Occupational Therapists Specialist Section - Neurological Practice.

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An Issue of Physical Medicine and Rehabilitation Clinics of North America, E-Book Karen J.

Kowalske, 2023-10-10 In this issue of Physical Medicine and Rehabilitation Clinics, guest editor Dr. Karen Kowalske brings her considerable expertise to the topic of Burn Rehabilitation. Top experts in PM&R discuss key topics such as inpatient rehabilitation; hand burns; exercise; pediatrics and geriatrics; psychological issues; outcomes; and more. - Contains 13 relevant, practice-oriented topics including acute care of burns; early mobilization; hypertrophic scar; neuromuscular complications; reconstruction; and more. - Provides in-depth clinical reviews on burn rehabilitation, offering actionable insights for clinical practice. - Presents the latest information on this timely, focused topic under the leadership of experienced editors in the field. Authors synthesize and distill the latest research and practice guidelines to create clinically significant, topic-based reviews.

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appropriate. Included with the text are online supplemental materials for faculty use in the classroom. *Kinesiology for the Occupational Therapy Assistant: Essential Components of Function and Movement*, Third Edition is a one-of-a-kind text that will enable occupational therapy assistant students to identify the underlying components that make movement possible.

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knowledgeable physical and occupational therapy professionals. - Objectives and Key Terms at the beginning of each chapter guide your study and ensure that you understand important concepts and terminology. - Chapter Summaries review the key content in each chapter. - Figures with discussion prompts and key points are provided throughout the text. - An eBook version is included with print purchase. The eBook allows you to access all of the text, figures and references, with the ability to search, customize your content, make notes and highlights, and have content read aloud.

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in user-friendly tables Uses simple and complex cases to illustrate key concepts and ideas. New and Updated Sections in the Fourth Edition: Individual chapters on each person factor and environmental factor and occupations across the lifespan Expanded coverage of approaches for organizations and populations and entry-level professional skills Consistent framework of tables and language across chapters and sections. Included with the text are online supplemental materials for faculty use in the classroom including PowerPoint presentations.

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Musolino and Gail Jensen have designed this comprehensive resource with contributions from professional colleagues. The text centers on life-long learning by encouraging the development of clinical reasoning abilities from professional education through residency education. The aim and scope of the text is directed for physical therapy education, to enhance clinical reasoning and clinical decision-making for developing professionals and post-professionals in both clinical and academic realms, and for the development of clinical and academic faculty. Clinical Reasoning and Decision Making in Physical Therapy uniquely offers both evidence-based approaches and pragmatic consultation from award-winning authors with direct practice experiences developing and implementing clinical reasoning/clinical decision-making in practice applications for teaching students, residents, patients, and clinical/academic faculty in classrooms, clinics, and through simulation and telehealth. Clinical Reasoning and Decision Making in Physical Therapy is the first of its kind to address this foundational element for practice that is key for real-world practice and continuing competence as a health care professional. Physical therapy and physical therapist assistant students, faculty, and clinicians will find this to be an invaluable resource to enhance their clinical reasoning and decision making abilities.

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David A. Soto-Quijano, 2017-10-25 This issue of Physical Medicine and Rehabilitation Clinics, edited by Dr. David A. Soto-Quijano, will cover the Promotion of Health and Wellness in the Geriatric Patient. Topics discussed in the volume include, but are not limited to: Benefits of Exercise in the Older Population; Alternative Exercise Modalities and Its Effect in Older Populations; Neurocognitive Decline of the Elder Patient; Effects of Spirituality in the Quality of Life of the Elderly; Clinical Pharmacology and the Risks of Polypharmacy in the Geriatric Patient; The Competitive Senior Athlete; Rehabilitation Needs of the Elderly patient with Cancer; and Aging with Spinal Cord Injury, among others.

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information in neurological rehabilitation strategies. - NEW and UNIQUE! New chapter on concussion has been added. - Separate and expanded chapters on two important topics: Balance and Vestibular.

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clinical trials and outcome studies clearly outline the basis for stroke interventions. UNIQUE! Survivor's Perspectives help readers understand the stroke rehabilitation process from the client's point-of-view. UNIQUE! Case studies challenge readers to apply rehabilitation concepts to realistic scenarios. UNIQUE! A multidisciplinary approach highlights discipline-specific distinctions in stroke rehabilitation among occupation and physical therapists, physicians, and speech-language pathologists. Review questions in each chapter help readers assess their understanding of rehabilitation concepts. Key terms and chapter objectives at the beginning of each chapter help readers study more efficiently. Three new chapters broaden your understanding of stroke intervention in the areas of Using Technology to Improve Limb Function, Managing Speech and Language Deficits after Stroke, and Parenting after Stroke. Learning activities and interactive references on a companion Evolve Resources website help you review textbook content and locate additional information.

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