

big and loud physical therapy

Big and Loud Physical Therapy: Revolutionizing Recovery with Energy and Impact

big and loud physical therapy might sound like an unconventional approach at first glance, but it's actually a vibrant and effective method transforming the way patients engage with their rehabilitation. Unlike traditional, often subdued therapy sessions, big and loud physical therapy embraces dynamic movements, vocal encouragement, and an energetic atmosphere that motivates patients to push their limits and achieve better results. This style isn't just about volume—it's about amplifying effort and engagement in physical therapy to foster faster recovery and improved outcomes.

What Is Big and Loud Physical Therapy?

At its core, big and loud physical therapy focuses on encouraging patients to use their bodies fully and exert themselves vocally and physically during rehabilitation exercises. The “big” part refers to making large, exaggerated movements, while “loud” involves using the voice—whether through breathing techniques, shouting encouragement, or vocalizing effort—to help patients connect mind and body more effectively.

This approach stems from the idea that recovery isn't just physical; it's psychological and emotional too. By promoting a high-energy environment, therapists help patients overcome mental barriers, build confidence, and enhance neuromuscular activation. This holistic engagement often leads to quicker progress and more sustained improvements.

The Origins and Inspirations Behind the Approach

Big and loud physical therapy has roots in several rehabilitation philosophies, including the Lee Silverman Voice Treatment (LSVT) BIG program, originally designed for Parkinson's disease patients. LSVT BIG emphasizes large amplitude movements to improve motor function, while LSVT LOUD focuses on increasing vocal loudness and clarity. These principles have inspired therapists to combine physical and vocal elements in therapy for various conditions beyond Parkinson's.

This fusion of movement and voice is now gaining traction in physical therapy clinics worldwide, especially for patients recovering from strokes, orthopedic surgeries, and neurological disorders, where re-engaging the brain and body together is crucial.

The Benefits of Big and Loud Physical Therapy

Adopting this energetic approach offers multiple advantages over conventional therapy methods. Here's a closer look at why it's becoming such a popular choice:

1. Enhanced Motor Function and Coordination

When patients are encouraged to make bigger, more deliberate movements, they engage more muscle groups and improve their range of motion. The loud vocalizations help synchronize breathing and movement, which is essential for coordination. This can be particularly beneficial for individuals with impaired motor control due to stroke, traumatic brain injury, or Parkinson's disease.

2. Increased Motivation and Engagement

Physical therapy can be a long and sometimes frustrating journey. Injecting energy with big motions and loud encouragement breaks the monotony and boosts morale. Patients often feel more empowered when they can “hear” their effort and see tangible progress in their movement amplitude.

3. Improved Neurological Activation

Research shows that combining physical activity with vocalization stimulates multiple brain areas simultaneously. This cross-activation can enhance neuroplasticity—the brain's ability to reorganize itself—which is vital for recovery after neurological damage.

4. Better Respiratory Control

Using loud vocalizations forces patients to use their diaphragm and control their breathing more effectively. This can improve lung capacity and overall respiratory health, which is often compromised in individuals with chronic conditions or post-surgical recovery.

Implementing Big and Loud Physical Therapy: Techniques and Tips

If you're curious about how this approach works in practice, here are some common techniques and strategies therapists use to integrate big and loud physical therapy into their sessions.

Exaggerated Movement Exercises

Therapists encourage patients to perform movements with larger-than-normal amplitude. For example, instead of a subtle arm raise, patients might reach as high as possible with a controlled but emphatic motion. This helps retrain the brain and muscles to operate in a fuller range.

Vocalizations and Breathing Drills

Incorporating sounds like “ah,” “oh,” or even shouts during exertion helps patients coordinate their breath and movement. Therapists might ask patients to inhale deeply and exhale loudly while performing a squat or step, promoting better respiratory engagement.

Using Music and Rhythmic Cues

Music with a strong beat can serve as an external cue to encourage bigger, more rhythmic movements and vocalizations. Some clinics use drumming or clapping to create an uplifting environment that naturally draws out louder and more energetic participation.

Positive Feedback and Group Dynamics

Often, big and loud therapy is delivered in small groups where patients cheer each other on, creating a community of support. Therapists provide enthusiastic feedback to reinforce progress, helping maintain high energy throughout the session.

Who Can Benefit from Big and Loud Physical Therapy?

While this approach is particularly effective for neurological rehabilitation, its benefits extend far beyond that.

- **Parkinson’s Disease Patients:** The LSVT BIG and LOUD programs have shown significant improvements in movement amplitude and speech clarity.
- **Stroke Survivors:** Encouraging big movements and loud vocalizations helps regain motor function and speech control.
- **Orthopedic Recovery:** Patients recovering from joint replacements or injuries can break through stiffness by engaging muscles more actively.
- **Individuals with Neuromuscular Disorders:** The approach promotes muscle activation and control through multisensory engagement.
- **Anyone Needing Motivation:** Even those with chronic pain or sedentary lifestyles can benefit from the uplifting and energizing atmosphere.

Challenges and Considerations

Despite its many advantages, big and loud physical therapy isn't a one-size-fits-all solution. Some patients may find the loud vocalizations uncomfortable or challenging due to respiratory issues, hearing sensitivities, or personal preferences.

Therapists need to tailor the approach to individual needs, ensuring safety and comfort. Additionally, the energetic style requires skilled guidance to prevent overexertion or improper technique that could lead to injury.

Integrating Technology for Enhanced Results

Modern therapy clinics often use technology such as motion sensors, biofeedback devices, and virtual reality to complement big and loud physical therapy. These tools provide real-time feedback, helping patients visualize their progress and maintain motivation.

For instance, wearable devices can monitor movement amplitude and vocal intensity, allowing therapists to adjust exercises dynamically. Virtual reality environments can simulate exciting scenarios where patients perform big, loud actions in a fun and immersive way.

Transforming the Rehabilitation Experience

Big and loud physical therapy represents a shift towards more holistic, engaging, and effective rehabilitation. By encouraging patients to move boldly and vocalize their effort, it harnesses the power of mind-body connection in a unique way. The method not only addresses physical impairments but also nurtures confidence, motivation, and mental resilience—key components for successful recovery.

Whether you're a patient seeking a fresh approach or a therapist exploring innovative techniques, embracing big and loud physical therapy can breathe new life into the rehabilitation process. It's about making recovery not just a task but an empowering journey filled with energy, encouragement, and progress.

Frequently Asked Questions

What is Big and Loud Physical Therapy?

Big and Loud Physical Therapy is a specialized therapy approach that emphasizes high-intensity, large-amplitude movements and vocal exercises to improve motor function and communication, often used for patients with neurological conditions such as Parkinson's disease.

Who can benefit from Big and Loud Physical Therapy?

Patients with neurological disorders like Parkinson's disease, stroke, and multiple sclerosis, as well as those with speech and movement impairments, can benefit from Big and Loud Physical Therapy to enhance their physical and vocal abilities.

How does Big and Loud Physical Therapy work?

This therapy uses exaggerated movements and loud vocalizations to stimulate the brain and improve muscle control, coordination, and speech clarity, helping patients regain functional independence.

What are the key techniques used in Big and Loud Physical Therapy?

Key techniques include large-amplitude physical exercises, breathing techniques, vocal loudness training, and repetitive practice to reinforce motor patterns and improve communication skills.

Is Big and Loud Physical Therapy effective for Parkinson's disease?

Yes, Big and Loud Physical Therapy, particularly the LSVT BIG and LSVT LOUD programs, has been clinically proven to improve motor function and speech loudness in individuals with Parkinson's disease.

How long does a typical Big and Loud Physical Therapy program last?

A typical Big and Loud Physical Therapy program lasts about four weeks, with sessions held four times a week, although duration may vary based on individual patient needs and progress.

Can Big and Loud Physical Therapy be combined with other treatments?

Yes, it can be combined with medications, occupational therapy, and other rehabilitation approaches to provide a comprehensive treatment plan for patients with neurological impairments.

Are there any risks or side effects associated with Big and Loud Physical Therapy?

Big and Loud Physical Therapy is generally safe; however, some patients may experience temporary fatigue or soreness due to increased physical activity, which should be monitored by the therapist.

How can I find a certified Big and Loud Physical Therapist?

You can find certified therapists through professional organizations such as the LSVT Global website, or by consulting with your healthcare provider for referrals to therapists trained in Big and Loud Physical Therapy techniques.

Additional Resources

Big and Loud Physical Therapy: Exploring an Innovative Approach to Rehabilitation

big and loud physical therapy represents a distinctive philosophy and methodology within the broader field of physical rehabilitation. Emerging as a bold counterpoint to traditionally subdued clinical environments, this approach emphasizes high-energy, dynamic, and engaging therapeutic techniques designed to invigorate patients and accelerate recovery. As healthcare professionals continually seek more effective strategies to enhance patient outcomes, big and loud physical therapy has attracted attention for its potential to redefine patient engagement and functional improvement.

Understanding Big and Loud Physical Therapy

Big and loud physical therapy is characterized by its use of vigorous, expressive, and often high-intensity interventions that challenge patients beyond conventional quiet and controlled sessions. The term “big and loud” metaphorically captures the approach’s emphasis on large, exaggerated movements coupled with vocal encouragement, rhythmic cues, or auditory stimuli. This philosophy taps into the motivational power of sound and movement, aiming to stimulate both the body and mind during rehabilitation.

The approach is particularly prominent in neurological rehabilitation, where therapists utilize big, deliberate motions and loud verbal cues to help patients with movement disorders or motor planning difficulties. For example, the Lee Silverman Voice Treatment (LSVT) BIG program, widely recognized in Parkinson’s disease therapy, embodies this concept by encouraging patients to perform exaggerated movements with confident, loud verbal commands. Such methods contrast sharply with traditional therapies that might prioritize subtle, controlled exercises in quiet settings.

Core Principles and Techniques

At the heart of big and loud physical therapy are several core principles:

- **Exaggerated Movements:** Patients are guided to perform larger-than-normal motions, which helps recalibrate their perception of movement size and intensity.
- **Auditory Cues:** Loud verbal prompts, rhythmic sounds, or music are used to enhance motor output and maintain patient focus.
- **High Intensity:** Sessions often involve repetitive, vigorous activity designed to build strength, coordination, and endurance.
- **Engagement and Motivation:** The energetic atmosphere aims to promote active participation, reducing apathy or discouragement common in long-term rehabilitation.

These elements combine to create a multisensory therapeutic experience that addresses both physical and cognitive aspects of recovery.

The Role of Big and Loud Physical Therapy in Neurological Disorders

One of the most compelling applications of big and loud physical therapy is in treating neurological conditions such as Parkinson's disease, stroke, and cerebral palsy. Patients with these conditions often experience bradykinesia (slowness of movement), rigidity, and impaired motor control, making rehabilitation particularly challenging.

Parkinson's Disease and the LSVT BIG Program

The LSVT BIG program is the flagship example of big and loud physical therapy tailored for Parkinson's patients. This evidence-based protocol focuses on retraining patients to make bigger, more forceful movements while speaking and moving with increased volume and intensity. Research has demonstrated that LSVT BIG can improve gait speed, balance, and overall mobility, translating into better daily functioning and quality of life.

Clinical trials indicate that patients undergoing LSVT BIG show significant improvements compared to traditional physical therapy approaches. The program's success lies in its neuroplasticity-driven model, which leverages repetition and intensity to rewire motor pathways affected by Parkinson's.

Stroke Rehabilitation

Post-stroke patients often suffer from hemiparesis and loss of motor control, making rehabilitation a complex and prolonged process. Incorporating big and loud physical therapy techniques can help by encouraging patients to move limbs more fully and with greater confidence. Loud verbal cues and rhythmic exercises can overcome learned non-use and stimulate motor cortex activity.

While stroke rehabilitation programs vary widely, some therapists have integrated elements of big and loud physical therapy to complement constraint-induced movement therapy and task-specific training. This combination can enhance motivation and promote more robust recovery in upper and lower limb functions.

Benefits and Challenges of Big and Loud Physical Therapy

Advantages

- **Enhanced Patient Engagement:** The stimulating environment often leads to increased motivation and adherence to therapy regimens.
- **Improved Motor Function:** Exaggerated movements and auditory cues can help patients overcome movement deficits and develop stronger motor control.
- **Neuroplasticity Activation:** High-intensity, repetitive tasks promote brain reorganization, which is critical in neurological recovery.
- **Holistic Impact:** By incorporating vocal elements, the therapy can also support speech and respiratory functions, creating a comprehensive rehabilitation experience.

Limitations and Considerations

Despite its promise, big and loud physical therapy is not universally suitable for every patient or condition. Some challenges include:

- **Patient Tolerance:** Intense sessions may be fatiguing or overwhelming, especially for elderly or severely impaired individuals.
- **Noise Sensitivity:** Loud verbal cues might not be appropriate in all clinical settings or for patients with auditory sensitivities.
- **Training Requirements:** Therapists need specialized training to deliver these techniques safely and effectively.
- **Limited Accessibility:** Not all rehabilitation centers offer big and loud physical therapy programs, potentially restricting patient access.

These factors necessitate careful patient assessment and customization of therapy plans.

Integrating Big and Loud Physical Therapy into Traditional Rehabilitation Paradigms

The evolving healthcare landscape increasingly favors personalized and holistic treatment approaches. Big and loud physical therapy aligns well with this trend by offering an alternative or complementary route to conventional methods. Many clinics now blend quiet, controlled exercises with high-energy sessions to balance intensity with patient comfort.

Moreover, advancements in technology, such as wearable sensors and virtual reality, are beginning to augment big and loud physical therapy. For instance, rhythmic auditory stimulation via headphones or interactive gaming platforms can simulate the loud, dynamic environment beneficial for motor learning. These innovations enhance accessibility and allow therapists to tailor interventions more precisely.

Training and Certification

For physical therapists interested in adopting big and loud methodologies, specialized training programs exist, including certification in LSVT BIG. These courses emphasize clinical reasoning, motor learning principles, and hands-on practice to ensure therapists can deliver effective interventions. Ongoing research and professional development are crucial to maintaining high standards and integrating emerging evidence.

The Future Outlook for Big and Loud Physical Therapy

As the demand for innovative rehabilitation solutions grows, big and loud physical therapy is poised to gain further prominence. Its unique approach, grounded in neuroscience and patient-centered care, holds promise for enhancing recovery trajectories, particularly in neurological populations.

Future research will likely focus on refining protocols, expanding indications beyond Parkinson's and stroke, and exploring synergies with digital health technologies. Additionally, efforts to standardize training and increase program availability will be essential for widespread adoption.

In summary, big and loud physical therapy offers a refreshing, evidence-backed alternative to traditional rehabilitation. By embracing movement intensity, auditory stimulation, and patient engagement, it challenges conventional norms and opens new pathways for restoring function and improving lives.

Big And Loud Physical Therapy

big and loud physical therapy: Neurorehabilitation in Parkinson's Disease Marilyn Trail, Elizabeth Protas, Eugene C. Lai, 2008 'Neurorehabilitation in Parkinson's Disease' serves as a reference for the treatment of patients with Parkinson's disease. In addition to providing treatment models for physical therapy, occupational therapy, & speech-language pathology, the text covers topics such as review of pathophysiology, & symptomatology.

big and loud physical therapy: Physical Therapy Clinical Handbook for PTAs Frances Wedge, 2022-05-12 This book is a concise and condensed clinical pocket guide designed specifically to help physical therapist assistant students and practitioners easily obtain information in the areas of physical therapy evidence-based interventions--

big and loud physical therapy: Tenacity Jonathan Lessin, MD, 2020-01-31 As a child, I had always wondered why I couldn't throw a ball on target or why I tended to walk with a forward-leaning gait. But I was thirty-three when I first felt that something was wrong. After being rear-ended by a drunk driver, my symptoms became more noticeable. My right shoulder was aching,

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big and loud physical therapy: *Physical Therapy Clinical Handbook for PTAs* Cikulin-Kulinski, 2017-02-10 Preceded by Physical therapy clinical handbook for PTAs / Olga Dreeben-Irimia. 2nd ed. c2013.

big and loud physical therapy: *The Lone Wolf's Craving* Tina Beckett, 2013-09-01 His fiercest battle is with himself... Back on Civvy Street, after a tour of duty in Afghanistan, Dr. Luke Blackman is left with physical and emotional trauma. He hides both very well, keeping everyone at a distance and his feelings locked down tight. Until emotions explode in his emergency room and he loses himself with the beguiling Kate Bradley in the dark of a hospital supply closet! This lone wolf has never revealed his scars to a woman, and he has no intention of getting further involved—no matter how good she makes him feel. But for a brooding hero who's been alone too long Kate is an addiction he just can't break....

big and loud physical therapy: *Adaptive Yoga* Ingrid Yang, Kyle Fahey, 2020-10-27 The massive growth in the popularity of yoga as a form of exercise and as a method of maintaining whole-body wellness has led to thousands of published research studies confirming what yoga practitioners already know: Yoga relieves stress, improves mental and emotional health, enhances sleep, relieves low back pain and neck pain, promotes weight loss, and even enables smoking cessation. Further study has proven that yoga helps individuals with disabilities improve their functional activities of daily living, recover from injuries, gain mobility, experience less pain, and manage anxiety and depressive symptoms. Adaptive Yoga takes these studies out of the research labs and onto the yoga mat to empower individuals with disabilities or chronic health conditions to create an effective and safe yoga practice. If you work with these special populations as a yoga teacher or rehabilitative therapist, you will find guidance and recommended poses for some of the most common conditions and disabilities, including these: Low back pain Hip, knee, and rheumatoid arthritis Spinal cord injury Stroke Cerebral palsy Lower limb amputation Parkinson's disease Multiple sclerosis Each pose is presented in detail so you fully understand how it helps the student improve functionality. The text instructs the reader on how to enter, hold, and exit the pose safely, as well as why the pose is beneficial for that condition. When appropriate, contraindications are presented so the yoga practice can be tailored to address any additional conditions or limitations. Challenge variations and restorative modifications for many poses make further individualization possible. In *Adaptive Yoga*, authors Ingrid Yang, MD, and Kyle Fahey, DPT, have combined their extensive backgrounds in yoga, medicine, and physical therapy with their unique insights and passion for movement and rehabilitation to present an essential guide for helping those with chronic conditions experience the countless physical and mental benefits of yoga practice.

big and loud physical therapy: *Pedretti's Occupational Therapy - E-Book* Heidi McHugh Pendleton, Winifred Schultz-Krohn, 2017-03-10 - NEW! Coverage of the Occupational Therapy Practice Framework (OTPF-3) increases your understanding of the OTPF-3 and its relationship to the practice of occupational therapy with adults who have physical disabilities. - NEW! All new section on the therapeutic use of self, which the OTPF lists as the single most important line of intervention occupational therapists can provide. - NEW! Chapter on hospice and palliative care presents the evidence-base for hospice and palliative care occupational therapy; describes the role of the occupational therapist with this population within the parameters of the third edition of the Occupational Therapy Practice Framework (OTPF-3); and recommends clinician self-care strategies to support ongoing quality care. - UPDATED! Completely revised Spinal Cord Injury chapter addresses restoration of available musculature; self-care; independent living skills; short- and long-term equipment needs; environmental accessibility; and educational, work, and leisure activities. It looks at how the occupational therapist offers emotional support and intervention during every phase of the rehabilitation program. - UPDATED! Completely revised chapter on low back pain discusses topics that are critical for the occupational therapist including: anatomy; client evaluation; interventions areas; client-centered occupational therapy analysis; and intervention

strategies for frequently impacted occupations. - UPDATED! Revised Special Needs of the Older Adult chapter now utilizes a top-down approach, starting with wellness and productive aging, then moving to occupation and participation in meaningful activity and finally, highlighting body functions and structures which have the potential to physiologically decline as a person ages. - NEW and EXPANDED! Additional section in the Orthotics chapter looks at the increasing array of orthotic devices available in today's marketplace, such as robot-assisted therapy, to support the weak upper extremity. - UPDATED! Revised chapters on joint range of motion and evaluation of muscle strength include new full color photos to better illustrate how to perform these key procedures. - EXPANDED! New information in the Burns and Burn Rehabilitation chapter, including expanded discussions on keloid scars, silver infused dressings, biosynthetic products, the reconstructive phase of rehabilitation, and patient education. - UPDATED and EXPANDED! Significantly updated chapter on amputations and prosthetics includes the addition of a new threaded case study on Daniel, a 19-year-old combat engineer in the United States Army who suffered the traumatic amputation of his non-dominant left upper extremity below the elbow.

big and loud physical therapy: Living With Parkinson's Robert K. Zimmerman Ed. D., 2015-10-05 When anyone is diagnosed with a long term, chronic, and debilitating disease such as Parkinson's disease, it can be devastating. The uncertainty of the future can be extremely difficult to deal with. This book is meant to share one family's experience with Parkinson's. This book is not a medical treatise but rather a book filled with suggestions that will help the reader cope with the disease over a long period of time. The most important lesson I learned from having the disease for 26 years is to keep a positive mental attitude. This book also discusses deep brain stimulation surgery and how the surgery helped me. The book covers the whole 26 years my family has lived with Parkinson's disease. Proceeds from the sale of the book will benefit the Parkinson's Disease Foundation's research programs.

big and loud physical therapy: Physical Medicine & Rehabilitation Secrets Bryan J. O'Young, Mark A. Young, Steven A. Stiens, Sam S.H. Wu, 2022-12-15 For more than 30 years, the highly regarded Secrets Series® has provided students, academics, and practitioners in all areas of health care with concise, focused, and engaging resources for quick reference and exam review. Physical Medicine and Rehabilitation Secrets, 4th Edition, offers practical, up-to-date coverage of the full range of essential topics in this dynamic field. This highly regarded resource features the Secrets' popular question-and-answer format that also includes lists, tables, weblinks, pearls, memory aids, and an easy-to-read style - making an inquiry, reference, and review quick, easy, and enjoyable. - The proven Secrets Series® format gives you the most return for your time - concise, easy to read, engaging, and highly effective - Fully revised and updated, including new information on geriatric rehabilitation, rehabilitation philosophy, vocational rehabilitation, disability rating and impairments, and legislation and reimbursement - New chapters and content include Longitudinal Learning; Regenerative Medicine; Musculoskeletal Ultrasound, PM&R ideology and Disability Awareness & Sensitivity, Organ Transplantation; Spinal Deformity; and more - Top 100 Secrets and Key Points boxes provide a rapid overview of the secrets you must know for success in practice, exams, and teaching sessions - Bulleted lists, mnemonics, and practical tips from global leaders in the field provide a concise overview of important board-relevant content - Portable size makes it easy to carry with you for quick reference or review anywhere, anytime - Enhanced eBook version included with purchase. Your enhanced eBook allows you to access all of the text, figures, and references from the book on a variety of devices

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big and loud physical therapy: *Crying Is Not an Option!* S. Lynne Borkowski, 2012-11 "Crying is not an option" became a reality for me at about the time I realized the impact on our lives, as Ron's journey with Parkinson's disease progressed. The first ten years, I would refuse to let the realization of its impact on our lives. I could only do this for so long. The last five years of Ron's life was one of the most difficult periods we ever had together, except for painting the outside of the house on Horton Road! I am so blessed to have made this journey with the man I loved so dearly. The book is about a journey we took that was both enlightening and humorous and a gift beyond imagination. It is written for caregivers, in an effort to help make your experience a humorous and loving trip.

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big and loud physical therapy: *Bulletin*, 1969

big and loud physical therapy: *Neurology for the Non-Neurologist, An Issue of Medical Clinics of North America* Tracey A Milligan, 2019-01-31 This issue of *Medical Clinics*, Guest Edited by Dr. Tracey A. Milligan, is devoted to Neurology. Articles in this issue include: Diagnosis of Neurologic Disorders; Dementia: Diagnosis and Treatment; Cerebrovascular Disease: Primary and Secondary Prevention; Seizures and Epilepsy; Migraine; Multiple Sclerosis and Autoimmune Neurology: Autoimmune Disease of the Brain and Spinal Cord; Concussion Evaluation and Management; Parkinsonism and Tremor; Compression and Entrapment Neuropathies; Peripheral Neuropathies; Falls and Gait Disorders; Nonmigraine Headache and Facial Pain; and Examination of the Dizzy Patient.

big and loud physical therapy: *The 5-Minute Neurology Consult* D. Joanne Lynn, Herbert B. Newton, Alexander D. Rae-Grant, 2012 This volume in the 5-Minute Consult series focuses on neurological diseases and disorders, as well as key symptoms, signs, and tests. Dozens of noted

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big and loud physical therapy: Parkinson's Disease Guide for the Newly Diagnosed Peter LeWitt, 2020-06-09 Effective and modern treatment strategies for those newly diagnosed with Parkinson's Whether it's you or a family member, receiving a diagnosis of Parkinson's disease can generate emotions of anger, frustration, sadness, and confusion—but you're not in this fight alone. Parkinson's Disease for the Newly Diagnosed is one of the most helpful Parkinson's disease books, giving you the tools to conquer those feelings of being overwhelmed and helping you to be better prepared for life post-diagnosis. In one of the most extensive, up-to-date Parkinson's disease books, you'll find resources for maintaining realistic optimism while living with Parkinson's disease. With helpful information and advice from how to build a community and patient-caregiver relationships, to assembling your primary care team and more, there's practical advice for addressing what life will be like moving forward. This standout among Parkinson's disease books includes: Set expectations—Go beyond other Parkinson's disease books with an in-depth overview of all the stages from early to advanced. Tailored for you—Use strategies for managing your symptoms that are straightforward and specifically designed for the newly diagnosed. Positive, practical advice—Find out about support groups, how best to adapt your home, preserve your independence, and more in one of the most comprehensive Parkinson's disease books available. If you're looking for Parkinson's disease books that help you understand and manage your symptoms, Parkinson's Disease for the Newly Diagnosed delivers results.

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