Parkinson’s Disease: A growing, underserved population

Be prepared with better treatment options

Exercise helps manage symptoms of Parkinson’s

According to the Parkinson’s Foundation, Parkinson’s disease affects one million people in the United States and ten million worldwide; about 60,000 new cases are reported annually. These figures are expected to increase as the average age of the population increases. Both prevalence and incidence increase with advancing age; the rates are very low in people under 40 and rise among people in their 70s and 80s.

Rehabilitation centers of all types, ranging from the most comprehensive inpatient/outpatient services to the smallest physical therapy clinics, can equip themselves to manage the symptoms of Parkinson’s. Periodic physical therapy and regular exercise is required to slow progression of the symptoms and maintain quality of life.

Ideally, physical therapists will employ a rigorous protocol for evaluating such patients prior to initiation of rehabilitation. Many clinics begin evaluation with assessment of general strength, range of motion, gait and balance. The integration of Biodex Balance & Mobility devices can help you meet the challenges of serving this growing population.

Objective documentation proves need for reimbursement

The surge in this neurologic condition coincides with the most challenging economic environment healthcare providers have seen in decades. Both public and private payers are reducing reimbursement fees and schedules, and demanding more objective documentation of intervention efficacy.

Clinics concerned about competing under Medicare’s “episode of care” reimbursement regulations recognize that, to operate effectively, they must acquire technology that makes them “providers of choice” for managed care insurers and ACO partners.

Biodex technology will help you justify need, demonstrate progress and improve outcome.

www.biodex.com/parkinsons

Don’t Let Their Recovery Hang in the Balance

Hang in the Balance

Balance System™ SD

In practice, the patient stands on the Balance System and is asked to shift their weight left and right. The Balance System can capture, quantify and document any overcompensation. As a result, therapists can determine if an inappropriate response is a unilateral strength issue, or an initiation or stabilization issue.

The training exercises of the System are geared to improve strength, range of motion, gait and balance for those patients suffering from neurological involvement associated with Parkinson’s, Stroke or Peripheral Neuropathy.

www.biodex.com/balance

SHOW THE NUMBERS

Position Your Clinic as a Partner for Value-Based Care

PROVE that your therapy programs and technology can get patients better, faster.

Biodex technology provides positive outcomes, accelerates rehabilitation and reduces readmission. DOCUMENTED.

Call Biodex today and ask us how.

Learn more and view sample reports.

www.biodex.com/reports/balance
New technology enhances rehab at the Emory Brain Health Center

Introducing Emory’s Brain Health Outpatient Program

Devra Brown, PhD, is manager of the outpatient rehab program at Emory Rehabilitation Hospital. She received her physical therapy degree from the Medical College of Georgia, and recently graduated as doctor of physical therapy.

“Our neuro rehab clinic is hospital-based and supports the Emory Rehabilitation Hospital located on our main campus,” Dr. Brown explains.

The Emory Brain Health Center in Atlanta is building what it believes will be one of the nation’s leading outpatient rehabilitation centers for patients with neurological diseases and conditions. The heart of this modern center on Atlanta, Georgia’s Emory University campus is a team of highly experienced therapists equipped with one of the field’s most advanced range-of-technology systems, including the first music therapy-enhanced gait trainer, and the nation’s most extensive FreeStep SAS track systems.

New technology accelerates therapy, protects patients and PTs

Emory’s new FreeStep track system protects patients being treated on the clinic’s Gait Trainers from a potential fall and injury, as well as those relearning to ambulate safely over ground. By increasing staff efficiency and reducing risk of their injury, the track system enables the clinic to better meet the challenge of changing reimbursement, since it enables a single therapist to treat each patient, no matter how unstable or obese.

“Most clinics attempt to guard patients at risk of falling while ambulating with a therapist and an aide. Such a practice can expose both patient and therapists to risk of injury — and obviously, therapists can’t prevent a fall when a patient is on a treadmill,” Dr. Brown explains. “The FreeStep lets a single therapist train even our most unstable or obese patients without risk of injury to either patient or therapist.”

“In addition to safety, the integration of the FreeStep track system allows the patient to safely experience changes in balance and learn how to respond physically to those changes in balance. That’s crucial to patients learning how to safely walk in the community — and can’t be learned with aides or parallel bars, as in most clinics.”

Read full case study: www.biodex.com/casestudy/emory

SafeStep | Protect Patients | Protect Staff

Biodex devices can help reduce cost of injury and minimize staff required

Gait Training with Biofeedback and Informed Music Causes Repetition of the Correct Movement

Repetition of Correct Movement Enhances Neuroplasticity.

For the first time, treadmill training, visual biofeedback and therapist-informed music come together in the Gait Trainer 3 to revolutionize treatment of movement disorders.

“"The Clinical Advantage”™

Better outcomes faster.

www.biodex.com/musictherapy

Biodex
Music Moves Me
Parkinson’s Program

Help patients with Parkinson’s disease improve ambulation, increase function and reduce the risk of fall. With more than 60,000 new Parkinson’s cases reported annually, Biodex Balance & Mobility devices can help this growing, and underserved population. Intense exercise has been shown to slow the progression of symptoms.

Includes:
950-194 medBike® Whole Body Cycle
950-440 Balance System™ SD
950-400 Gait Trainer™ 3 Treadmill
950-413 Music-Assisted Therapy

Package Price (includes freight) ....................................................$38,580

Finance combination for as low as $788/mo for 60 months.
Ask about term details.

Balance Challenge
Fall Risk & Mobility Program

The Balance Challenge is an 8-week program designed to improve balance and mobility. The program starts with a risk-factor screening which includes:

Balance Assessment - Analytical balance testing compared to universally accepted normative data and medical protocols, consistent with the American Geriatric Society Clinical Practice Guidelines.

Chair Stand Test - Assess lower leg strength.

Six-Minute Walk Test - Assesses distance walked over 6 minutes as a sub-maximal test of aerobic capacity/endurance.

Includes:
950-560 Sit2Stand™ Squat-Assist Trainer
950-440 Balance System™ SD
950-240 BioStep 2™ Elliptical Ergometer

Package Price (includes freight) ....................................................$23,080

Finance combination for as low as $479/mo for 60 months.
Ask about term details.
Patient Shows Gains After Stroke

After suffering a stroke while vacationing with his wife in Hawaii, Jeff displayed considerable right hemiparesis and global aphasia. At Texas NeuroRehab Center, his therapists treat him with the new Biodex music-enabled Gait Trainer 3.

After six months of therapy on the Gait Trainer 3 with Music-Assisted Therapy, Jeff demonstrated impressive progress. His average walking speed increased (by 0.41 m/sec), step length increased (by 19 cm left, by 25 cm right), and time on each leg was symmetrical (previously 53% left, 47% right). Thanks to the data logging and normative database built into the Gait Trainer 3, therapists at Texas NeuroRehab were able to objectively track Jeff’s progress.

Read full case study: www.biodex.com/casestudy/texasneurorehab