Create New Pathways to Movement

Beyond audio cueing and visual biofeedback, music-enhanced gait training reinforces neuroplasticity.

www.biodex.com/gaittrainer

Biodex Gait Trainer 3
Prove patients are getting better, faster.
Documented.
Because you believe in better patient outcomes, Biodex created the Gait Trainer 3.

The only treadmill with an instrumented deck that monitors and records step length, step speed and step symmetry, the Gait Trainer 3 lets you prove patients are getting better, faster – and documents results.

More than a treadmill, the Biodex Gait Trainer 3 puts evidence-based techniques at your fingertips. By combining audio cueing, visual biofeedback and music-assisted therapy integration, the Gait Trainer 3 helps reinforce neuroplasticity… creating new pathways to movement.

Biofeedback Improves Patient Outcomes

The addition of real-time visual biofeedback has been shown to motivate patients, prompting them into proper gait patterns.¹ Only the Biodex Gait Trainer 3 provides a comparison of actual footfall to target step length. This real-time biofeedback helps patients stay on target in each phase of rehabilitation.

Neurologic Music Promotes Correct Movement

Music-based therapy is well researched for its powerful effects in treating movement disorders. By integrating rhythmic auditory cueing (RAC) and a library of neurologic music compositions, Biodex takes gait training to a whole new level.

Written and performed by music therapists, the optional neurologic music incorporates carefully chosen musical elements to promote correct movement. Repetition of correct movement promotes neuroplasticity, creating new and retraining old neural pathways to help patients with Parkinson’s or stroke regain motor function.

Music the Patient Likes Increases Enjoyment

Studies show listening to music you love releases more dopamine. Once the kinematics of gait are re-established using neurologic music, patients can switch to their preferred music genre at the right tempo.

¹ Journal of Rehabilitation Medicine
Objective Documentation

Exercise Summary Reports track progress and document outcome. The Biodex Gait Trainer 3 quantifies time and distance measurements compared to age and gender-based normative data.


Progress Report – Perfect for showing need, progress and outcome for specific gait parameters:

Specific Gait Parameters:
- Average walking speed over time
- Total exercise time
- Total distance and steps taken
- Average step length: RT vs. LT
- Step length variability: RT vs. LT
- Time on each foot: RT vs. LT
Gait Trainer 3 + Unweighing
The Biodex Gait Training System

Allow every patient the opportunity to get an early start on rehabilitation. Combine the Gait Trainer 3 and NaStep Unweighing System for body weight-supported treadmill training (BWSTT) with unobstructed view and access to the patient.

HANDRAIL CONFIGURATIONS:
All photos shown with Music-Assisted Therapy option.

Multiple Applications with a Single Investment
Beyond the many features and applications for gait training, this dual mode device can also be used as a traditional rehabilitation treadmill with speed range up to 10 mph.

Quick-start Gets you up and going fast with 1/4 mile scaled track views.

Pre-programmed and Custom profile modes allow patient-specific treatment protocols – freeing up valuable therapist time.

Large Print Screen option, simple to use, easy to see… perfect for the older adult.

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