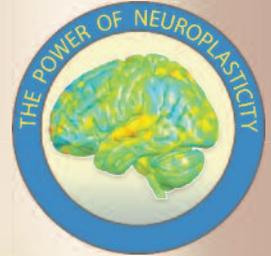


"The Clinical Advantage"<sup>™</sup>

# **NEW** GaitTrainer<sup>™</sup> 3

Treadmill Training + Biofeedback + Informed Music = Better Outcomes, Faster



## Create New Pathways to Movement

Beyond audio cueing and visual biofeedback,  
musically cued gait training  
to reinforce neuroplasticity.

Prove patients are getting better, faster.

[www.biodex.com/gaittrainer](http://www.biodex.com/gaittrainer)

# BIODEX

[www.biodex.com](http://www.biodex.com)

**1-800-224-6339**

Int'l 631-924-9000



**Biodex Gait Trainer 3**

NEW Display, NEW Software,  
NEW Normative Data, NEW Applications

9 T.R. Punktas

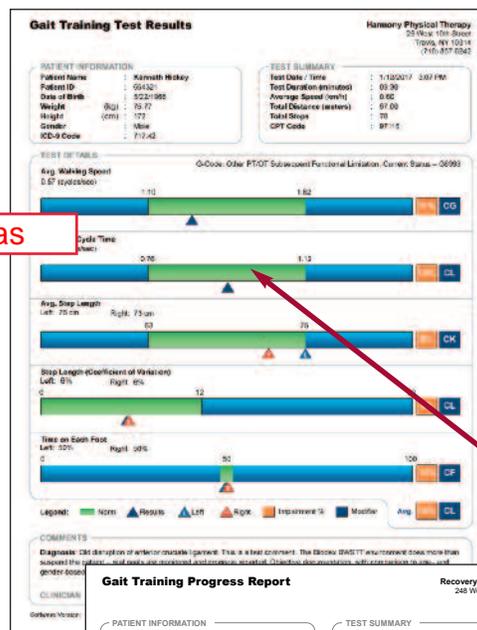
## FEATURES

- **Instrumented Deck** – the only treadmill with an instrumented deck that monitors and records step length, step speed and right-to-left time distribution (step symmetry).
- **Open Platform** – enables patient access for therapist interaction; easily accommodates BWSTT with the Biodex Unweighing System.
- **NEW Software and Larger Display** – intuitive navigation, 15.6" touchscreen display for improved user experience. Also accommodates external keyboard and a mouse.
- **Audio Cueing and Visual Biofeedback** – motivates patients with metronome and biofeedback of footfall, prompting proper gait patterns. Cueing and biofeedback helps patients stay on target in each phase of rehabilitation.
- **NEW Music-Assisted Therapy Package** – Rhythmic Auditory Cueing (RAC) is available with optional music therapist-informed compositions. High-quality recordings use specific musical components and correct beats per minute to facilitate desired gait patterns and enhance neuroplasticity. Results of music-supported therapy can be documented.
- **NEW Microsoft SQL Database** – allows clinician to easily store and retrieve patient data, multiple tests per patient. Export to Excel® for reporting and analytics.
- **Objective Documentation** – lets you quantify patient progress and demonstrate the benefits of treatment. Biodex technology helps accelerate positive patient outcomes, and then lets you prove it.
- **G-Code Reporting** – improve documentation of rehab effectiveness with automated G-code calculations and impairment level reports. These efficiencies foster continuity of care, simplify audits and reduce claims denial.
- **Enhanced Normative Data** – robust database of healthy population by age and gender for comparative patient assessment.
- **Heart Rate Monitoring** – Polar® contact handgrips (telemetry compatible) ensures proper training intensity.
- **Connect & Engage** – system allows connection to larger monitors and projectors to enhance interaction for visually impaired patients.



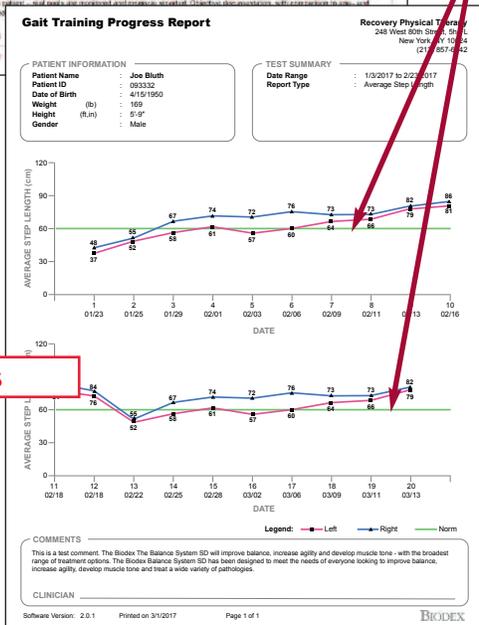
## Objective Documentation - with G-Code reporting

- Impairment percent with associated modifier code
- Functional Limitation G-code categories
- Patient Status: (Current and Discharge Status)



12 T.R. Punktas

Normal range shown in green



13 or 15 T.R. Punktas

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

14 T.R. Punktas

10 T.R. Punktas

For sample reports, CPT codes, testimonials, applications, bibliographies and warranty information, click in at [www.biodex.com/gait](http://www.biodex.com/gait).

Bring patients up to speed with the right step length

*"I need a device that provides audio cueing and visual biofeedback of step length and step speed."*



Sturdy, Functional Support Bar

**NEW All-In-One Flat Panel Touchscreen Display** with Windows Operating System and Sturdy Functional Support Bar USB connectivity.

Sound Bar included with Music-Assisted Therapy Package.

Safety Lanyard when disengaged, belt movement stops immediately.

Heart Rate Monitoring Polar® contact handgrips (telemetry compatible).

← 10 T.R. Punktas

Open Platform offers unobstructed use with unweighing systems, other handrail options available.

Reverse Belt Direction from 0-3 mph

Instrumented Deck monitors and records step length, step speed and right-to-left time distribution.



Printer and Printer Stand Included – allows for printing of progress reports and patient information.



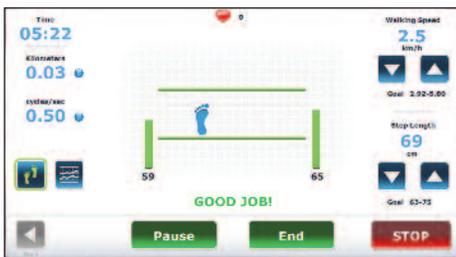
Elevation 0 to 15% grade

Exact-Track belt eliminates belt shift and tracking problems.

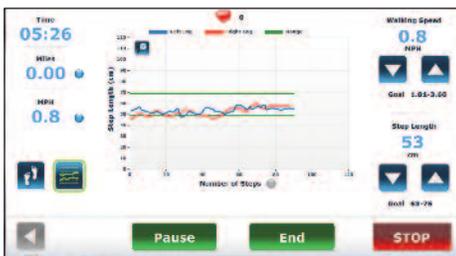
Safe, Incremental Speed begin movement as slowly as 0.1 mph.

Low Profile 7" step-up height provides easy patient transfer.

**Visual Biofeedback**

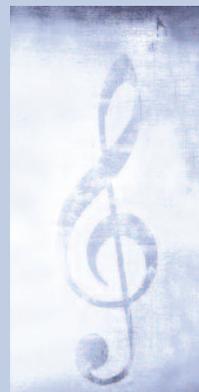


Footfall Screen



Histogram Screen - plots right and left step lengths / symmetry

**NEW Music-Assisted Therapy: Science of Sound Driving Functional Movement**



Because you believe in better patient outcomes, Biodex brings the Music-Assisted Therapy option to the Gait Trainer 3. Music-based therapy is well researched for its powerful effects in treatment of movement disorders. With the rate of Parkinson's, stroke and cerebral palsy diagnoses on the rise, so is the need for better treatment options. We equipped the Gait Trainer 3 with informed compositions written and performed by music therapists to revolutionize gait therapy. The right music, biofeedback and repetition help reinforce neuroplasticity and get patients better, faster. Documented.

**BIODEX**

## APPLICATIONS

**Goal:** Develop symmetrical gait by improving step length, step speed and right to left time distribution.

**Older Adult**  
**Orthopedic Patients**  
**Stroke/Traumatic Brain Injury**  
**Spinal Cord Injury**  
**Amputation of a Lower Extremity**  
**Parkinson's Disease**  
**Neurologic Patients**  
**Vestibular Patients**

1 T.R. Puntas

8 T.R. Puntas

6 T.R. Puntas

3 T.R. Puntas

5 T.R. Puntas

4 T.R. Puntas

7 T.R. Puntas

2 T.R. Puntas



**NEW** Gait Trainer 3  
 shown in use with the Biodes  
 NxStep Unweighing System.

## SPECIFICATIONS:

- Dimensions: 86" l x 27" w (218 x 69 cm)
- Walking Area: 64" l x 20" w (160 x 51 cm)
- Printer Stand: 24" l x 24" w (61 x 61 cm)
- Deck: 1" thick (2.5 cm) reversible Teflon™ impregnated high-density composite fiber
- Motor: 2 HP with 4Q-Pulse Width Modulation Control
- Speed Range:
  - Forward: 0-10 mph (0-16 km/h)
  - Reverse: 0-3 mph (0-4.8 km/h) in 0.1 mph (.16 km/h) increments
- Gait Trainer Mode: Speed limited to 3 mph (4.8 km/h)
- Elevation: 0-15% Grade
- Heart Rate Monitoring: Polar® contact handgrips (telemetry compatible)
- All-In-One Flat Panel Touchscreen Display with Windows 7 Operating System and USB connectivity.
- Printer: HP DeskJet
- Power: 115 VAC, 50/60 Hz, 20 AMP dedicated line, or 230 VAC, 50/60 Hz, 20 AMP dedicated line. Includes hospital grade plug with 12' (3.7 m) power cord.
- User Capacity: 60-400 lb (27 x 182 kg)\*
- Weight: 395 lb (179 kg)
- Certification: ETL listed to UL 60601-1 and CAN/CSA C22.2 No.:601.1-M90.CE conformity to EN 60601-1, EMC compliance to EN 60601-1-2.
- Warranty: Two-years parts; one-year labor

\*Does not accommodate less than 60 lb in gait trainer mode.



**950-400** Gait Trainer™ 3, 115 VAC\*,  
 50/60 Hz  
 Includes Support Bar

**950-402** Gait Trainer™ 3, 115 VAC\*,  
 50/60 Hz  
 Includes Extended Handrails

**950-406** Gait Trainer™ 3, 115 VAC\*,  
 50/60 Hz  
 Includes Geriatric/Pediatric Handrails

\*Includes printer and printer stand

## Optional

**950-413** Music-Assisted Therapy Package  
 Compatible with Gait Trainer 3  
 featuring Windows OS.  
 Includes music library and sound bar  
 with input for headphones and  
 microphone.

Export models available.  
 U.S. Patent No. 6,645,126 B1

## HANDRAIL CONFIGURATIONS:



**950-400** Includes Support Bar\*



**950-402** Includes Extended Handrails\*

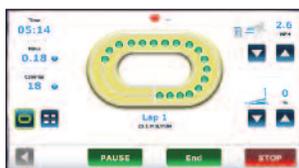


**950-406** Includes Geriatric/Pediatric Handrails\*

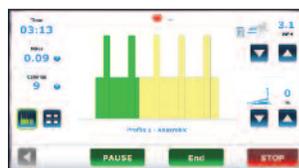
\*All photos shown with Music Therapy option

## Multiple Applications with a Single Investment

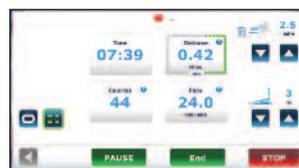
Beyond the many features and applications for gait training, this dual mode device can also be used as a traditional rehabilitation treadmill with speed range up to 10 mph.



**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.

[www.biodex.com/gait](http://www.biodex.com/gait)



**BIODEX**

Biodes Medical Systems, Inc.

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