

# BIODEX

Biodex Medical Systems, Inc.  
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FOR IMMEDIATE RELEASE

## **Biodex to Bring the First Music-Enabled Biomedical Gait Trainer to ISPRM World Congress**

*Rehabilitation technology that uses music to help neurological patients recover lost movement will reach a global audience at the International Society of Physical Rehabilitation Medicine's congress in Paris.*

June 25, 2018, Shirley NY – At their debut appearance at the ISPRM World Congress in July, Biodex Medical Systems, Inc. will exhibit the new Gait Trainer 3, an advanced system that uses music and the principle of neuroplasticity to change lives for patients with movement disorders. This combination of music and technology is a first in neurologic rehabilitation.

Decades of research point to the value of neurological music therapy techniques for treating sensorimotor functions. The Gait Trainer 3 hosts a library of informed music, tempo-to-cadence matched selections written and composed by music therapists to inspire correct movement in individuals who have lost function due to brain injury or disease. The instrumented deck of the Gait Trainer 3 facilitates walking exercise with visual biofeedback, and provides objective reporting to demonstrate progress.

“When rhythm is introduced to a neurologic impairment, cognitive reconstruction is possible,” says Natalie Thompson, Education Administrator and Applied Clinician for Biodex. “This is the first time a music-based therapy component has been merged with biomedical technology to help patients with Parkinson’s disease and stroke regain walking.”

See the Biodex Gait Trainer 3 at ISPRM World Congress in Paris July 9-12, booth #53. Or, visit <https://www.biodex.com/gait>.

### **About Biodex Medical Systems, Inc.**

Biodex Medical Systems, Inc. uses science and technology to drive treatment innovation across physical medicine, nuclear medicine and medical imaging categories. With a history of manufacturing and engineering excellence that spans more than 60 years, the Biodex mission is to provide innovative solutions and customer-driven support to medical facilities and wellness centers around the globe. For more information, visit [www.biodex.com](http://www.biodex.com).

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