

Insights Into At Home Neurorehabilitation: Lessons Learned From The First 100,000,000 Reps

June 16

Tuesday, 12:30 pm

Live Webinar
via Zoom Conference



Speaker: Nizan Friedman, Ph.D.

Co-Founder and President
Flint Rehabilitation Devices
Irvine, CA

**Hosts: Marissa Wuenneman M.O.T.,
OTR/L and Marisa Cortese-Peske,
Ph.D.**

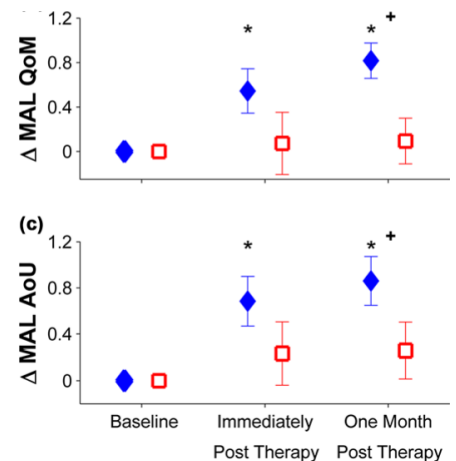
For more information, please contact
Lindsey Echevarria
lechevarria@med.cornell.edu

Burke Neurological Institute

Academic Affiliate of Weill Cornell Medicine
785 Mamaroneck Avenue
White Plains, NY 10605
burke.weill.cornell.edu

Abstract

Dr. Nizan Friedman is co-founder and president of Flint Rehab—a company focused around developing and productizing devices for individuals with neurological disorders. He has served as the Principal Investigator on several SBIR awards from the National Institutes of Health and the Department of Education. Dr. Friedman has extensive experience developing wearable sensor and human monitoring technology at the University of California, Irvine. He is proficient in embedded systems development, printed circuit board hardware development and microcontroller firmware development and has extensive knowledge in creating human interface devices. He has founded several companies and has successfully commercialized several products. He has experience working with manufacturers both in the U.S. and eastern Asia to create consumer-level products that have been sold and distributed through both fulfillment centers and large online retailers.



1. Friedman N., Chan V., Reinkensmeyer A., Bachman M., Reinkensmeyer D.J. (April 2014). Retraining and assessing hand movement after stroke using the MusicGlove: Comparison with hand therapy and isometric grip training. *Journal of NeuroEngineering and Rehabilitation*
2. Friedman N., Rowe J.B., Reinkensmeyer D.J., (2014) Bachman M. A wearable magnetic sensing device for monitoring spontaneous use of the wrist and fingers in the uncontrolled environment. *IEEE Transactions on Information Technology in Biomedicine*.
3. Zondervan DK, Friedman N, Chang E, Xhao S, Augsburger R, Reinkensmeyer DJ, Cramer SC. (2016) Home-based hand rehabilitation after chronic stroke: a randomized controlled single-blind trial comparing the MusicGlove with a conventional exercise program. *J Rehabil Res Dev*. 53(4):457-72

