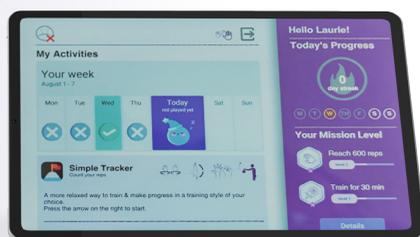


# NEUROFENIX



“NeuroBall™ helped our patient improve their Fugl-Meyer score **63.6%**”  
 —Avrielle Rykman Peltz, MA, OTR/L, Co-owner, Rehabologym

## A truly innovative therapeutic platform

**NeuroBall™** is an upper extremity rehab solution for survivors of stroke and other neurological injuries. This therapy platform has become a valuable therapeutic regimen for clinicians and patients, both in clinic and at home. Rehabologym, a full-service neuro rehab facility in Tarrytown, NY, uses NeuroBall for therapy in their clinic and supports patients who use NeuroBall at home to address upper limb paresis or paralysis.

**Rehabologym Co-owner Avrielle Rykman Peltz, MA, OTR/L, and Primary Therapist Sophie Fisch, MS, OTR/L, provided the following case study.**



### NeuroBall™ accelerates neurologic recovery

- Integrated device and software platform
- Effective for patients with minimal upper extremity strength and function
- Built in support community
- Engages, entertains and rewards high repetitions
- Increases challenge as patient progresses
- Designed with the input of 300+ therapists and stroke survivors

#### Patient story: Donnie H.

### Accelerating recovery to meet personal goals

Three months after experiencing a hemorrhagic pontine stroke that left him with right side paralysis, Donnie and his partner Susan were frustrated with the pace of his recovery. Twice a week clinic visits had not enabled him to return to many of the activities he loved, including playing the penny whistle, a flute-like instrument that requires fine motor skills and wrist dexterity to play. A family member referred Donnie to Rehabologym and the expert care of Rykman Peltz and Fisch.

### NeuroBall was the perfect fit

The Rehabologym team evaluated Donnie and started him on a NeuroBall therapy program. After using the NeuroBall in clinic, Donnie transitioned to at-home use where he could exercise at his convenience and with more frequency. Rykman Peltz and Fisch were able to monitor his progress remotely using the NeuroBall app and connect with him regularly via virtual check-in video visits.



Donnie's therapy program included progressively longer daily sessions with the NeuroBall. He saw steady and impressive improvement in finger, hand and wrist mobility and flexibility.

- NeuroBall adapted as Donnie improved
- Daily usage > 100 minutes
- NeuroBall games and activities kept him entertained and engaged (290-day streak)
- Consistent improvement kept him motivated
- Rehab success improved his mood and facilitated social interaction



Fugl-Meyer upper limb score progression:



**I'm so pleased with how I can now move my wrists and also hold my fingers stationary to be able to cover the holes and play. I'm now working on getting my fingers to move more fluidly.**

— Donnie, stroke survivor, NeuroBall user

## Getting back to the music —real life, real results

After 10 months of NeuroBall therapy, Donnie was able to reach his goal of playing the penny whistle at a local Renaissance fair. He is back doing what he loves, playing music, socializing and enjoying life. But he's not done yet. With guidance from his Rehabologym team, he continues therapy and is confident he will fully regain his upper limb function.

**The NeuroBall is a valuable device to add to a therapist's toolbox and offers creative flexibility when developing treatment plans based upon patients' individual needs along the spectrum of recovery.**

—Sophie Fisch, MS, OTR/L, Primary Therapist, Rehabologym



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Experience the **NeuroBall™** difference



Scan the QR code to learn more about the benefits of NeuroBall and to schedule a demo.