

STROKE REHABILITATION STARTS IN YOUR BRAIN

Patient Folder



recoveriX
NEUROTECHNOLOGY

THE REVOLUTIONARY STROKE THERAPY

MAKE A NEW START

recoveriX is a brain-computer interface specifically developed for the rehabilitation of hand and arm movements after a stroke. When other therapies seem exhausted, recoveriX can help your brain to regain lost functions even 10, 20 or 30 years after the stroke.

- 25 therapy sessions, over 2-3 months
- 50 minutes per therapy session, 2-4 times per week
- pre-assessment and post-assessment included

A stroke impairs your ability to actually move, but not your ability to think about a movement. Think about moving your hand. The imagination of a movement produces brain activity similar to the real performance of a movement – this is when recoveriX comes into play.



MENTAL IMAGINATION

Imagine moving your hand while recoveriX measures your brain activity through EEG signals.



VISUAL FEEDBACK

Your imagination drives a virtual simulation of imagined limb on the screen.



MUSCLE STIMULATION

The imagined movement becomes a real movement through stimulation of your affected muscles without any pain.

REGAIN YOUR MOBILITY





YOUR BENEFITS

THERAPY SUCCESS

recoveriX can be used decades after the stroke and still improves patients' motor functions.

MOVEMENT ▲ PASSIVE JOINT MOVEMENTS ▲ GAIT ▲ TREMOR
MEMORY ▲ SENSITIVITY ▲ CONCENTRATION ▲ SPASTICITY

All the positive effects can be explained by the activation of both sensory and motor cortices involved in movement thus helping the brain grow new neural pathways to move the affected limbs again.

"Since recoveriX therapy, my motor functions in my right hand improved a lot. I learned to move and control my hand again and I even got my job back as a hairdresser."

ASTRID BRANDSTAETTER FORMER RECOVERIX PATIENT, AUSTRIA



"Everytime I touched my finger, I had such a pain. I couldn't really raise my hand much. After recoveriX therapy, my hand is more flexible, and I don't feel pain any more."

MANFRED STANGL, FORMER RECOVERIX PATIENT, AUSTRIA

"After the stroke, I could not use my right hand and the spasticity was so strong that I could not sleep well. After the recoveriX therapy, I can brush my teeth with my disabled hand. My spasticity decreased too, which makes me sleep much better."

GABY INKARIA, FORMER RECOVERIX PATIENT, AUSTRIA



GET A RECOVERIX TREATMENT

There is a steadily growing list of recoveriX Gyms, hospitals and treatment centers worldwide ranging from Japan over Europe and even Hawaii. Find a treatment center in your city or country online: www.recoveriX.at/Get-a-Treatment

recoveriX FLAGSHIP GYM SCHIEDLBERG


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recoveriX is a product from
 g.tec medical engineering GmbH in Austria

g.tec develops BCI technology that is used for stroke rehabilitation, assessment of brain functions in patients with disorders of consciousness or functional mapping of the brain in neurosurgery and neuroscience. g.tec has run the recoveriX Flagship Gym Schiedlberg since 2016. This was the first location offering recoveriX therapy worldwide.

