

The Revolutionary Stroke Therapy



The recoveriX System

recoveriX is a new form of therapy specifically developed for the rehabilitation of hand and foot movements after a stroke. This method can be used for treatment in the acute phase as well as in the chronic phase.

A stroke impairs your ability to actually move, but not your ability to think about a movement. Think about moving your hand or foot. The imagination of a movement produces brain activity similar to the performance of a movement – this is exactly what we use!

THE KEY TO THIS UNIQUE THERAPY IS THAT RECOVERIX PAIRS THOUGHTS WITH REAL MOVEMENTS OF ARMS, HANDS AND LEGS

Beyond that, we are combining three successful therapy concepts: functional electrical stimulation to produce movements, mirror neuron therapy by observing movements of virtual body parts on a computer screen and motor imagination to increase activity of the motor regions in the brain. Patients get also feedback about the success level of their training, which is highly motivating and pushes patients to train more effectively. Patients can immediately feel responses in their body and are eager to train further.



Mental Imagination

Imagine moving your hand or foot. The recoveriX System measures brain activity.



Visual Presentation

The simulation on the screen shows the movement you are imagining, which generates feedback for success.



Electrical Muscle Stimulation


The imagined movement becomes a real movement through electrical stimulation of the affected muscles – without any pain!




Photo: Florian Voggenreder

RECOVERIX FLAGSHIP GYMS WORLDWIDE

The recoveriX flagship gyms are special institutions where patients can get this new training exclusively for post-stroke rehabilitation, and where physiotherapists study how recoveriX works. In addition to the locations below, recoveriX gyms exist in different countries. Learn more at www.recoveriX.at or in a personal meeting. Contact us via phone, fax, or e-mail.

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 medical engineering

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g.tec develops and produces Brain-Computer Interfaces that provide persons with disabilities with the chance to communicate or control devices by thoughts.

The quality and the wide range of possible applications are the result of years of research.

A stroke means a loss of mobility and therefore leads to a loss of quality of life.

We help you regain your quality of life.

 medical engineering

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