

Biomove 3000



Muscle Rehabilitation System After Stroke

Background

After a stroke, control signals from the brain often cannot reach some muscles, typically in the hand or foot.

Without these signals, the level of electrical activity in these muscles is too low for them to contract adequately on their own. This causes them to become increasingly weaker.

How does it work?

The Biomove 3000 system, via three electrode patches placed on your arm or leg, detects and amplifies even the slightest EMG* signals still being generated in your hand and foot muscles. Then, using an advanced form of biofeedback combined with electrical muscle stimulation (“EMG-triggered NMES”**), the Biomove re-teaches your muscles to contract on their own. The more often your muscles contract, the stronger they get.



How do you use it?

Sitting or reclining in a relaxed, comfortable position, apply the Biomove electrode patches to your arm or leg. Now try to lift your hand or raise your foot. The Biomove system will detect even the slightest movement and send additional stimulation to increase this movement. By repeating this exercise as many times as possible, you can regain more and more control of your muscles. For optimal results, conduct training sessions of 20 minutes twice daily.

While you may start training with the Biomove system at any point during your post-stroke rehabilitation, the earlier you begin, the more effectively you will restore your muscle activity.



The Biomove 3000 muscle rehabilitation system for home use stimulates weakened or paralyzed muscles.

The Biomove 3000 is:

- ✓ **Effective for your hand and foot**
- ✓ **Specially designed for home use**
- ✓ **Compact & lightweight**
- ✓ **Easy-to-use (no programming needed)**
- ✓ **Affordable**
- ✓ **Battery – operated**
- ✓ **FDA and CE approved**

Where can you purchase the Biomove?

The Biomove 3000 can be ordered through an authorized distributor or online. Please visit www.biomove.com for ordering details and for more information on the device and how it works.



* ElectroMyoGraphic is electrical muscle activity
 ** EMG-triggered NMES is ElectroMyoGraphic controlled NeuroMuscular Electrical Stimulation

“All you need is a tiny bit of movement – even a finger or toe wiggling – to be a candidate for Biomove therapy.”

Prof. Leonard Elbaum, Florida International University