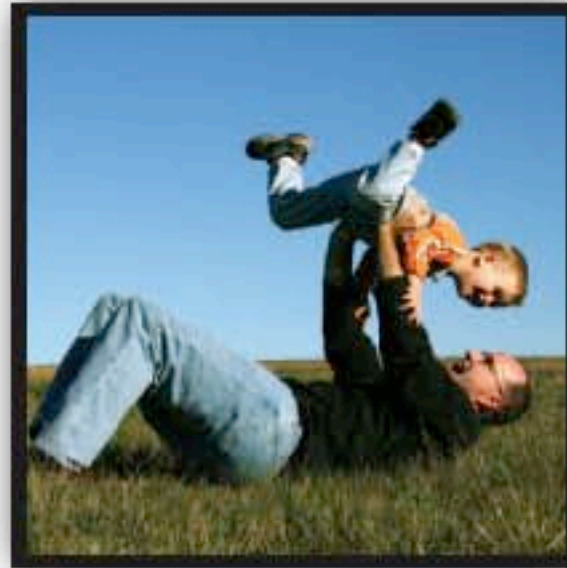
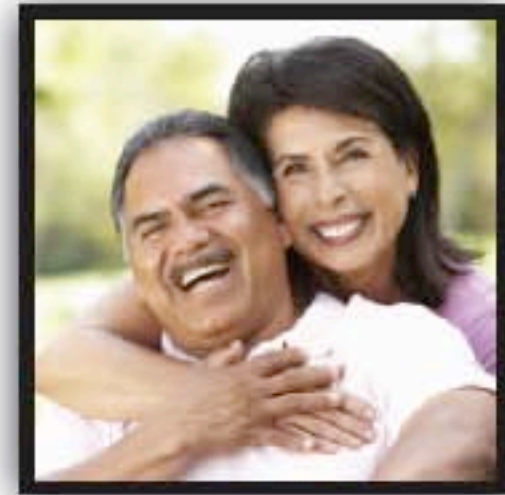




REACH



LIFT



HOLD



A

T

I

E

N

T

Patient Overview

The Myomo e100 System is a new medical device technology designed to help stroke survivors regain use of partially paralyzed arms.

After Stroke: Learning to Reach Again

Neuroscience research has found that by actively engaging stroke patients in repetitive tasks, the brain can rewire pathways to motor functions and relearn movement. Awareness and then movement of hemi-paretic limbs can occur and functional recovery can continue many years after the brain injury. The Myomo e100 is the first wearable, portable robotic device to help stroke survivors relearn how to move affected arms using their own muscle signals. The technology enables stroke survivors to self-initiate and control movement of weakened muscles. No electrical stimulation or invasive procedures are employed.

Using the Myomo system has been clinically shown to improve mobility in individuals 4 weeks to 21 years after stroke. The technology was developed at MIT in collaboration with clinical researchers and patients with neuromuscular disorders.

The Myomo e100 System is FDA approved for home or clinical use.



How does Myomo work?

The lightweight, portable robotic device is worn on a stroke patient's arm. It is designed to be used by stroke patients with their occupational therapist, physical therapist or someone who has been trained and certified on the Myomo system. Sensors that sit on the skin's surface are used to detect a person's muscle signal as he or she attempts movement. When a patient's electrical muscle signal fires in response to attempted movement, the device senses the signal from the skin's surface. The system then employs advanced robotics to reward the patient with feedback in the form of actual motion.

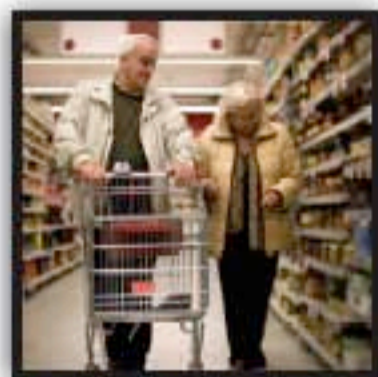
Is Myomo Right or You?

If you have limited mobility or severe muscle weakness in the upper extremity due to a stroke, you may be a candidate for Myomo. Only a trained medical professional can determine if a patient is an appropriate candidate. To find out more about therapy with Myomo or to schedule a screening, please contact VNA of Middlesex-East toll free at 800-607-4299.

Freedom to Move Again!

With commitment to a therapy protocol with Myomo, a stroke survivor can begin using their arms for routine, daily tasks that were not possible before. The therapeutic effect varies from person to person, but a good reference model is learning to write: it takes a while for the brain and muscles to master it, but you can begin to see progress quickly.

"It's been almost two years since I trained with the Myomo device and my recovery has been maintained. Cooking, dressing, shopping, opening cabinets it's easier now that I have two arms again." Maggie, 1.5 Years Post Stroke



Indications For Use:

The Myomo e100 System is indicated for use by stroke patients undergoing rehabilitation to facilitate the following:

(1) Stroke rehabilitation by muscle re-education. (2) Maintain or increase range of motion.

Note: The Myomo e100 System is intended for clinical use by patients with their treating medical professional.

Patient experiences vary and these results may not be typical for every user of the Myomo e100 System.

Federal (USA) law restricts this device to sale by or on the order of a physician or physical therapist.



VNA OF MIDDLESEX-EAST &
VISITING NURSE HOSPICE

© 2010 Myomo, Inc.

To learn more about MYOMO please contact VNA of Middlesex-East at 800-607-4299.