

Managing Multiple Sclerosis While Maintaining Her Career, Deb Powers Through It All

Her Story

Deb was just 34 when she was diagnosed with multiple sclerosis (MS). By then, she was years into a distinguished career in criminal justice. Deb was also physically active, spending her recreational time hiking and horseback riding.

At first, Deb was able to compensate for her symptoms. But in 2017, at age 57, she was diagnosed with progressive secondary MS, which is marked by a worsening of neurologic function.

Her Solution

Device Makes a Difference

Mobility challenges mostly had affected Deb's left side, but the MS increasingly affected her right side, too. For the first time, she experienced foot drop in her right leg, as well as difficulty with gross and fine motor movements in her right arm.

Deb first learned about the L300 Go Foot Drop System and the H200 Wireless Hand Rehabilitation System during physical therapy. Using both devices, she started to feel more control and independence.

Her Next Steps

New Hope and Encouragement

Deb was so encouraged that she obtained her own L300 Go and the H200 Wireless devices to use outside of the therapy clinic. For the first time in too long, Deb could perform daily tasks and get around on her own.

"I come from a long line of healthy people who stayed healthy until they were very old," Deb said. "If I didn't have MS, I'd be doing everything I did before, even in my 60s. I'd like to experience recovery, and using the Bioness devices has given me hope that I could get there."



A diagnosis of progressive secondary MS was a turning point for Deb.



Using the L300 Go and H200 Wireless, Deb felt more in control and independent.



Individual results may vary. Patients are advised to consult with a qualified physician to determine if these products are right for them.

Indications for Use for the H200 Wireless Hand Rehabilitation System: The H200 Wireless System is an electrical stimulation device indicated for the following uses:
Functional Electrical Stimulation (FES)

- Improvement of hand function and active range of motion in patients with hemiplegia due to stroke or upper limb paralysis due to C5 spinal cord injury.

NeuroMuscular Electrical Stimulation (NMES)

- Maintenance and/or increase of hand range of motion
- Prevention and/or retardation of disuse atrophy
- Increase in local blood circulation
- Reduction of muscle spasm
- Re-education of muscles

The H200 Wireless System is contraindicated in patients with a demand-type cardiac pacemaker, defibrillator or any electrical implant. Do not use the system on a leg where metallic implant is directly underneath the electrodes, a cancerous lesion is present or suspected, or on a leg with regional disorder (e.g., fracture or dislocation) which could be adversely affected by motion from the stimulation. Use caution in patients with diagnosed or suspected cardiac problems or epilepsy.

Full prescribing information can be found in product labeling or at <https://bionessrehab.com/h200/safety-information/>.

Indications for Use for the L300 Go Foot Drop System: The L300 Go System is intended to provide ankle dorsiflexion in adult and pediatric individuals with foot drop and/or to assist knee flexion or extension in adult individuals with muscle weakness related to upper motor neuron disease/injury (e.g., stroke, damage to pathways to the spinal cord). The L300 Go System electrically stimulates muscles in the affected leg to provide ankle dorsiflexion of the foot and/or knee flexion or extension; thus, it also may improve the individual's gait.

The L300 Go System may also facilitate muscle re-education, prevent/retard disuse atrophy, maintain or increase joint range of motion, and increase local blood flow.

The L300 Go System is contraindicated in patients with a demand-type cardiac pacemaker, defibrillator or any electrical implant. Do not use the system on a leg where metallic implant is directly underneath the electrodes, a cancerous lesion is present or suspected, or on a leg with regional disorder (e.g., fracture or dislocation) which could be adversely affected by motion from the stimulation. Use caution in patients with diagnosed or suspected cardiac problems or epilepsy.

Full prescribing information can be found in product labeling or at <https://bionessrehab.com/l300/safety-information/>.