

## BIONESS PRESENTED 2015 FROST & SULLIVAN MARKET LEADERSHIP AWARD IN FUNCTIONAL ELECTRICAL STIMULATION FOR WALKING



**VALENCIA, CALIF. – July 21, 2015** – Bioness, Inc. announced today it has been presented the prestigious Frost & Sullivan 2015 Market Leadership Award in Functional Electrical Stimulation (FES) for Walking. Bioness is the leading provider of innovative rehabilitation solutions providing functional and therapeutic solutions to improve function and quality of life for individuals affected by pain, central nervous system disorders and orthopedic injuries. Bioness' suite of lower extremity FES devices have been shown to deliver life-changing benefits to patients experiencing gait disturbances due to central nervous system pathologies including stroke, multiple sclerosis, spinal cord injury, traumatic brain injury and cerebral palsy.

Each year in the United States alone, there are more than 800,000 strokes – one every 40 seconds – and survival rates are improving, increasing the need for innovative, evidence-based medical devices to facilitate rehabilitation outcomes. Bioness' suite of lower extremity FES devices, including the L300 Foot Drop System and the L300 Plus System, serves patients with central nervous system pathologies, including stroke, multiple sclerosis, spinal cord injury, traumatic brain injury and cerebral palsy.

"Recognition of this market segment by Frost & Sullivan is an important step to increasing technology awareness and accessibility to the many thousands of people who can benefit from Bioness technologies," stated Bioness President and CEO Todd Cushman. "It is gratifying to know the award is based not only on our superior technology and its capacity to deliver significant functional benefits, but on direct feedback from our customers."

These outstanding results have been validated through clinical research, as well. In 2013 and 2014, the results of a multi-center, double-blinded study were published in *Stroke* and *PM&R*, respectively, showing functional and therapeutic superiority to equipment that is currently reimbursed by Medicare. Patients using the L300 Foot Drop system saw a 19% increase in gait speed the very first time using the device and a 33% gain after 30 weeks. Furthermore, nearly 90% of subjects were enthusiastic about continuing to use the L300 and found it more useful than other aids to assist gait.

Bioness was recognized in the Frost & Sullivan Market Leadership Report for driving significant value in three primary areas: 1) improved electrodes that increase repeatability and reduce set-up time, 2) adaptable gait detection technology delivered via proprietary algorithms, and 3)

expanding availability outside the rehabilitation setting to individuals in the community limited by lower extremity paralysis. According to the Frost & Sullivan report, “Bioness strives to help those suffering from lower extremity paralysis gain ‘mobility, confidence, and independence.’” Using its highly sophisticated Ness L300® Systems, Bioness provides wearers with a more natural gait and promotes long-term recovery. With its strong overall performance, Bioness has achieved a leadership position with a market share over 75%.”

### **About L300 Foot Drop System and L300 Plus System**

The award-winning L300 from Bioness, Inc. provides functional electrical stimulation to the muscles of the lower leg to help lift the foot up through wireless synchronization while walking. The L300 has been cleared by the FDA to improve gait in individuals with neurological impairments such as stroke, multiple sclerosis and spinal cord injury. The L300 is used as a



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L300® Plus**

primary medical device to address drop foot for individuals in the community and is also used for gait rehabilitation in inpatient or outpatient rehabilitation settings to potentially realize a variety of clinical benefits including improved mobility, maintaining or increasing range of motion, reeducating muscles, the prevention or slowing of muscle loss, and increased local blood flow. The L300 Plus System is the first and only FES system designed to stimulate the major leg muscles to facilitate walking. With the addition of a thigh cuff, the L300 Plus System assists in knee flexion and extension to help patients walk more naturally, increase range of motion and prevent muscle atrophy.

### **About Bioness Inc.**

Bioness is the leading provider of innovative technologies helping people regain mobility and independence. Bioness solutions include external and implantable functional electrical stimulation (FES) systems, robotic systems and software-based therapy programs providing functional and therapeutic benefits for individuals affected by pain, central nervous system disorders and orthopedic injuries. Individual results vary. Consult with a qualified physician to determine if this product is right for you. Contraindications, adverse reactions and precautions are available online at [www.bioness.com](http://www.bioness.com)

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