



## custom devices

# Functional Electric Stimulation Unit improves Foot Drop walking ability

*Sunshine Prosthetics & Orthotics custom fits the high-tech and effective WalkAide*

Sunshine Prosthetics and Orthotics is proud to provide the WalkAide, an FDA cleared medical device that leverages functional electrical stimulation (FES) to improve the walking ability of people living with Foot Drop. Foot Drop is a condition characterized by weakness or paralysis of the muscles involved in lifting the front part of the foot. It causes a person to either drag the foot and toes or engage in a high-stepping walk called steppage gait. A significant number of individuals – men and women, young and old – experience difficulty with the most simple day-to-day activities because of mobility dysfunctions that lead to Foot Drop. WalkAide was designed to restore mobility to those individuals seeking a return to independence.



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for physically challenged  
adults and children*

- Prosthetic services • Orthotic services • Functional Electric Stimulation Devices • AFOs, KAFOs, Braces
- Diabetic Wound Care • Post-mastectomy fittings
- Spinal Braces & Body Jackets

**Diagnosed with Foot-Drop?**  
Looking for a solution to help you walk more normally, without a brace?  
Meet with a WalkAide certified expert - have your Foot-Drop evaluated and experience WalkAide for yourself.



**Call for an  
appointment:  
973-696-8100**



**BROOKE ARTESI, CPO, LPO**

**1700 ROUTE 23 NORTH - SUITE 180 WAYNE NJ 07470  
973.696.8100**

A Functional Electric Stimulation unit stimulates nerves and muscles to give the patient more natural movement and stability. It is often used as an assistive device and rehabilitation tool for adult and pediatric patients with stroke, multiple sclerosis, cerebral palsy and brain or incomplete spinal cord injuries. It re-educates muscles to reduce muscle loss, increase local blood circulation and maintain or improve a range of motion.

In an effort to improve the walking ability of individuals who have experienced Foot Drop, Sunshine Prosthetics and Orthotics will be providing 1-hour consultations and evaluations by appointment that will include:

- Assessment of the Peroneal Nerve in response to FES
- Custom – fitting of the WalkAide technology
- Walking trial for comfort and clinical evaluation
- Additional consultation with computer diagnostic feedback for the proposed treatment
- Information packet with patient DVD

For a high-tech device, WalkAide is surprisingly small and easy to use. It consists of a AA battery-operated, single-channel electrical stimulator, two electrodes, and electrode leads. WalkAide is applied directly to the leg — not implanted underneath the skin — which means no surgery is involved. A cuff holds the system comfortably in place, and it can be worn discreetly under most clothing. It does not require orthopedic or special shoes and can be worn barefoot or with slippers or sandals.



WalkAide is not a one size fits all device. Rather, a specially trained medical professional customizes and fits the WalkAide. Using computer software program, the clinician can tailor WalkAide to an individual's walking pattern for optimal effectiveness. In addition, the WalkAide system includes a pre-programmable exercise mode that allows a user to exercise his/her muscles while resting for a set period of time as prescribed.

If interested in the free evaluation and consultation, call Sunshine Prosthetics and Orthotics for an appointment: **973-696-8100**. We're located at 1700 Route 23 North, Suite 180, Wayne, NJ 07470




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**Would you like to learn more?**  
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