

Exciting New Technology *for Foot Drop Patients*

Foot drop, also called drop foot, is a general term for difficulty lifting the front part of the foot. It typically affects only one foot. People with foot drop may drag the front of the foot on the ground when walking. The patient tends to walk with an exaggerated flexion of the hip and knee to prevent the toes from catching on the ground during the leg swing phase.

Foot drop isn't a disease but rather a sign of an underlying neurological, muscular or anatomical problem. Sometimes foot drop is temporary. In other cases, foot drop is permanent. Foot drop patients need to wear a brace on the ankle and foot to hold the foot in a normal position.

Symptoms

- Difficulty lifting the front part of the foot (some times the only sign of foot drop)
- Dragging the foot on the floor when walking
- Slapping the foot down onto the floor with each step
- Raising the thigh when walking, as if climbing stairs (steppage gait)
- Pain, weakness or numbness in the foot

CFI Prosthetics Orthotics is now certified to evaluate and fit foot drop patients for the Bioness' NESS L300. This device is an advanced foot drop system designed to use mild stimulation to lift the foot, helping those with the condition to walk more safely and easily. It may be easier to walk on flat ground, up and down stairs, as well as on uneven surfaces. This light-weight device is designed to fit just below the knee and to be put on and taken off with one hand. The NESS L300 is for people who have foot drop due to these medical conditions:

- Stroke
- Traumatic brain injury
- Multiple sclerosis
- Cerebral palsy
- Incomplete spinal cord injury
- Other neurological disorders of the central nervous system (e.g., Parkinson's Disease)

The NESS L300 has three main parts that use wireless communication to "talk" to each other: a light-weight functional stimulation cuff that fits just below the knee and contains electrodes designed to place

stimulation where it helps you most; an innovative Intelli Sense Gait Sensor™ which attaches to the shoe and lets the leg cuff know if the heel is on the ground or in the air; and the hand-held, wireless remote control to adjust the level of stimulation and turn the unit on and off.

To find out more about the NESS L300 and to receive a free evaluation, contact us at Custom Fit Innovations via 901-725-0060 or www.cfpando.com.



Stop by
CFI's Booth
at the Germantown
Senior Expo.

When you entrust yours or your patient's care to CFI Prosthetics - Orthotics you can rely on our experience, creativity and outstanding service. CFI's certified practitioners and technicians not only respect and appreciate the legacy of our company's long history, but also continually pursue new treatment options and technological developments. All of our professional staff are required to complete ongoing education and training in order to maintain credentials and provide the most appropriate, functional prosthetics, orthotics and pedorthics available.



Custom Fit Innovations
PROSTHETICS • ORTHOTICS

YOUR MOBILITY IS OUR LEGACY



Upper Extremity Prosthetics

Experienced certified prosthetists provide an extensive selection of new prosthetic technologies including myo-electrics for pediatric, adult and geriatric clients.



Pedorthics and Prescription Footwear

Staff pedorthists utilize a wide variety of therapeutic and orthopedic shoes and inserts to address many common foot problems associated with diabetes, arthritis, and foot deformities.



Custom Fit / Custom Fabricated Orthotics

Specialists in a wide range of custom fit or custom fabricated orthotics to correct, support or replace musculoskeletal function in lower limbs, knees, feet, upper limbs, elbows, and hands.



Lower Extremity Prosthetics

Custom fabricated prosthetics for all activity levels constructed with ultra lightweight materials and state-of-the-art components including microprocessor-controlled units.



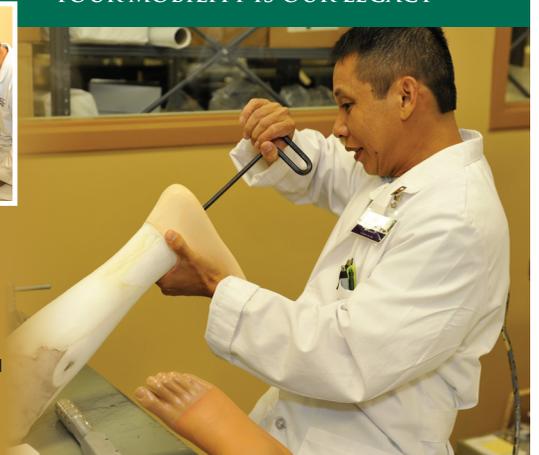
Spinal Orthotics

Spinal bracing fit by highly-qualified certified orthotists to control back pain, stabilize weak back structures, and correct or prevent deformities such as scoliosis or kyphosis.



Custom Footwear

Shoes are fabricated in-house using precise foot measurements and custom fit preferences under the supervision of certified staff pedorthists.



CFI Five Generations of Innovation: Prosthetics / Orthotics / Pedorthics

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To ensure that your care is in the hands of the Snell family, we ask you to make certain that CFI Prosthetics-Orthotics is where you are seen or directing your patients to be seen.