

**NEW: EXCLUSIVELY FROM BIONESS**

Create independence with the first *stand-alone* proximal lower limb stimulation system

## NESS L300<sup>®</sup> PLUS DYNAMIC THIGH STIMULATOR

*The Functional Electrical Stimulation (FES) Gait Solution That Provides Dynamic Thigh Muscle Re-education.*



### Benefits of FES in orthopaedic and neurological rehabilitation

The L300 Plus Dynamic Thigh Stimulator uses adaptive and customised technology to help your patients with orthopaedic or neurological conditions

- regain natural function
- make a faster recovery following a knee injury
- achieve faster recovery after upper motor neuron injury or disease
- prevent or reverse disuse muscle atrophy

### Functional Rehabilitation

The L300 Plus Dynamic Thigh Stimulator is intended to provide knee flexion or extension in individuals who have thigh muscle weakness following a knee injury, disease or after upper motor neuron injury and is an important tool in Functional Rehabilitation. The L300 Plus stimulates the muscles at the right moment in standing and during gait. The stimulation intensity and timing can be adjusted wirelessly whilst the patient is moving.

The stimulation can be initiated:

- via the Intelligait Heel Sensor (during standing and gait)
- on demand, manually (using clinicians mode) and
- via the training mode





Orthopaedic applications:

- Following knee or hip surgery, from reducing post-operative oedema to muscle re-education
- Rehabilitation of the thigh
- Chronic muscle weakness
- Coordination / balance / stabilising exercises
- Spinal Cord Injury (incomplete)

Neurological applications:

- Stroke / acquired brain injury (ABI)
- Multiple Sclerosis (MS)
- Cerebral Palsy (CP)

**Features**

100% wireless

Thigh Functional Stimulation Cuff

Intelligent Heel Sensor

**Benefits**

No need for cables for fitting. Simply apply the cuff and adjust the settings

Interchangeable thigh cuff stimulates the hamstrings or the quadriceps

Detects "heel on" and "heel off" positions and promotes weight bearing