

**Fesia Walk** is a gait neurorehabilitation device, based on scientific evidence, for people who suffer from drop foot as a result of:

- Stroke (CVA)
- Multiple Sclerosis (MS)
- Incomplete Spinal Cord Injury
- Cerebral Palsy (CP)
- Traumatic Brain Injury (TBI)
- Other injury of the central nervous system

**Fesia Walk** generates surface electrical stimulation of the posterior tibial and peroneal nerves to trigger plantar and dorsiflexion in the corresponding gait phases.



 fesia

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# Fesia Walk

The latest generation of Functional Electrical Stimulation (FES) for gait rehabilitation



 fesia  
Life in motion

## Components



1

### GARMENT

- Magnetic closure
- Placement references
- Flexible
- Adopts the shape of the shank

2

### MULTI-PAD ELECTRODE

- More natural movements
- Delays onset of fatigue
- High selectivity of stimulation

3

### STIMULATOR

- Full control on stimulation parameters
- Bluetooth connectivity

4

### MOTION SENSOR

- Real motion detection
- Less false positives
- Better patient monitoring

5

### FESIA SOFTWARE

The **Fesia Walk** software is designed to facilitate the management of patients and keep close track of their progress.

6

### APP FOR PATIENTS

The app is designed to make patients prolong the rehabilitation at home.



## For healthcare professionals

- Specific therapy protocols for different stages (acute, subacute and chronic)
- Universal garment for either right or left leg
- Stimulation for plantar and dorsiflexion
- Setting and starting time set to the minimum
- Estimates gait patterns
- Improves patient monitorization

## Home use

- Extension of the rehabilitation process to the domestic domain
- Innovation and technology available for patients
- Enhancement of autonomy and improvement of quality of life
- Easy-to-use system
- Induces neuroplasticity
- Decreases the probability of falling, safer gait patterns



## Other remarkable aspects



Bluetooth and wireless connectivity



Compact size



Generates patients activity reports



Delays onset of fatigue

## Users say

“

Along 20 years of expertise in the neurorehabilitation field, we have used different FES devices for gait rehabilitation and today we can claim that **Fesia Walk** is our favorite. We have always searched for a FES system with higher selectivity and better timing during movement. **Fesia Walk** is the only system that provides accurate and selective stimulation for each patient and excellent gait monitoring, not only at slow speed, but also at high speed and forward, lateral and backward walking. That is why **Fesia Walk** is part of our therapeutic arsenal within the intensive care protocols which we develop at the European Neurosciences Center.



José López Sánchez  
CEO (CEN European Neurosciences Center)

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Comparing it to another product would be unfair. There is no other device like it on the market. **Fesia Walk's** precision and speed are unique.



Serafín Ortigueira  
Physical therapist and CTO (CEFINE Neurología)

“

Since I use **Fesia Walk**, I get way less tired and I get to enjoy more activities that I couldn't before.



Rosa Pérez  
Home user