ALFESS™, Functional Electrical Stimulation System



ALFESS™ is a new modern device, intended to improve gait when foot drop, diminished foot and toe clearance is present. It assists the nerves of tibialis anterior to actively dorsiflex the foot. The device is applied to the upper part of the lower leg. During walking, sensors identify speed and angles of the leg to adapt to the walking pattern. An algorithm processes the information and sends out electrical impulses to the nerves to lift the forefoot. The user can easily increase or decrease the level of stimulation at any time.

The unit has a sleek and conforming shape, works well for bilateral use. Thanks to magnetic clasp and unique controls the unit can be operated with one hand!
The training mode assists to achieve the best rehabilitation result. Training can be done either with the patients clinician, or the patient can do training independently after being provided with clear instructions.

The unit is easy to handle and charge. Control settings on the device, or with remote control provided, or via Smart Phone App.

Recommended Range Of Application

Central Nervous System diagnosis such as: Multiple Sclerosis (MS), Stroke (CVA), Cerebral Palsy (CP), Incomplete Spinal Cord Injury, Traumatic Brain Injury (TBI).

Contraindications

Do not use with electronic monitoring equipment, NMR-imaging, defibrillator, and high-frequency medical device. Powered muscle stimulators should not be used on patients with cardiac demand pacemakers. Do not use if you have a history of autonomic dysreflexia. Do not use FES following recent surgery where muscle contraction may disrupt the healing process. For more information about precautions and warnings please read Instructions for use.

Item No.	Model	Size
282700000	ALFESS™ Complete	One size
282710000	Extension strap	One size
282720000	Power adapter EU	-
282730000	Power adapter UK	-
282740000	Extra cable remote control - MICRO USB	-
282860000	Extra cable remote control - USB-C	-
282750000	Extra charging cable for ALFESS	-
282770000	Remote control	-
282790000	Extra D-Ring with magnet	One size
282820000	ALFESS™ NFR	One size
282830000	Connect GEL	500 ml
282840011	A-cover, cosmetic textile cover in beige	Small, 28-35 cm
282840012	A-cover, cosmetic textile cover in beige	Medium, 34-44 cm
282840013	A-cover, cosmetic textile cover in beige	Large, 43-56 cm