

## **Foot lifter system innoSTEP-WL - Mobile again with weak foot dorsiflexion**

The innovative aid to compensate for weak foot dorsiflexion by electrostimulation of the musculature.

### **The wireless foot lifter system innoSTEP-WL at a glance**

- Electrical impulses to the fibular nerve lift the foot
- the stimulation promotes blood circulation and counteracts muscle atrophy
- can support the reattachment of nerves
- comfortable to wear under clothing
- can be put on with one hand thanks to magnetic closure
- can be used barefoot
- automatically adapts to the patient's gait pattern
- A more flowing gait pattern is achieved
- can replace orthoses or splints
- The innoSTEP-WL foot lift system can significantly improve mobility and quality of life.

### **Functionality and advantages of the innoSTEP-WL**

The innoSTEP-WL is placed on the skin of the affected leg and sends an electrical impulse to the fibular nerve when walking. The electrical stimulus is then converted into signals to the muscles. Ultimately, the foot lifts when entering the swing phase. The optimal triggering time for stimulating the nerve is determined on the basis of parameters such as acceleration, angle of inclination of the leg and stride length.

The foot lift system can thus help patients achieve a more stable, secure gait and increased mobility. The risk of tripping and falling is reduced. The smoother and safer gait pattern prevents patients from adopting postures that are not conducive to walking. This reduces the risk of consequential damage to the back and hips. The calf and foot muscles are also stimulated, which counteracts muscular atrophy and circulatory disorders. Furthermore, the repeated stimulation of the nerve structures can contribute to neuronal reattachment.

### **Indications - when can the innoSTEP-WL be used?**

- Multiple sclerosis
- Stroke (apoplexy)
- Parkinson's disease
- Craniocerebral trauma
- Spastic hemiparesis/cerebral palsy

- Herniated disc/spinal cord injury
- Incomplete cross-section
- Incomplete paralysis of the lower leg muscles
- Centrally induced paresis of the leg muscles

### **Contraindications - when can the innoSTEP-WL not be used?**

- Epilepsy
- tumours
- Active implants (demand pacemakers)
- Nerve tracts are too severely damaged
- Hypersensitivity
- Lymphoedema
- Strongly pronounced pointed foot
- Oedema
- Water retention
- Acute thrombosis

If treatment with the innoSTEP-WL is not possible, we offer alternative aids such as bandages, splints and/or orthoses.

### **How do I get my innoSTEP-WL foot lift system?**

The innoSTEP-WL is an aid for functional electrostimulation in case of weak foot dorsiflexion. It is prescribed by a doctor and can be covered by statutory health insurance. The necessary prescription can be issued by your general practitioner or specialist. Depending on your insurance status, the treatment can be provided in two different ways:

#### **People with statutory health insurance**

1. you receive a prescription for the innoSTEP-WL
2. the medical supply store Wortmann & Beyle prepares a cost estimate and forwards it to the responsible health insurance company.
3. after approval by the health insurance company, you will receive the innoSTEP-WL electric cuff and will be instructed in its use.

### **Privately insured persons**

1. you receive a prescription for the innoSTEP-WL
2. the medical supply store Wortmann & Beyle prepares a cost estimate or an invoice for the purchase of the foot lift system, which you submit to your private health insurance company.
3. After the invoice has been paid, you will receive the innoSTEP-WL electric cuff and will be instructed in its use.

### **Do you have any questions?**

Of course, we will be happy to advise you on the supply of the innoSTEP-WL: Feel free to call us at 040 / 69 60 70 50 , send us an e-mail: [info@sanitaetshaus-wortmann-beyle.de](mailto:info@sanitaetshaus-wortmann-beyle.de) or use our contact form.