

3 Modes

Training Mode:

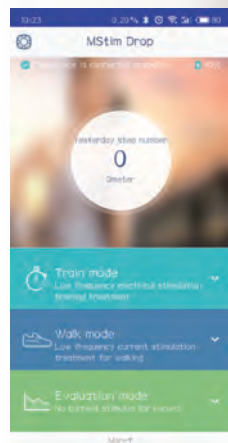
For patient who is unable to do active training, transiting from passive training to walking training. You can choose this mode for muscle training when sitting or lying. The purpose of such mode is to accelerate muscle recovery, retard atrophy of the injured leg, keep and improve the ankle's range of motion, and enhance local blood circulation as well.

Gait Mode:

Stimulate while walking, restore neurological motor function. This mode helps you walk with normal gait when you want to walk, stimulate while walking, and repeated training will leave traces on cerebral cortex, meanwhile, it feeds back to central nervous system, restoring cerebrum neurological motor function.

Evaluation Mode:

Dynamic observation of angle changes during walking. Helps to observe the flexion and extension angle of the lower leg and the angle of the abduction of the thigh in the absence of electrical stimulation, and dynamically observe whether the gait is abnormal.



Technical Specifications

| | |
|-----------------|---|
| Mode | Train Mode, Walk Mode and Evaluation Mode |
| Output Waveform | Symmetrical biphasic pulse |
| Pulse Duration | 50-500 μ s |
| Pulse Frequency | 1-120Hz |
| Intensity | 0-100mA |
| Battery Life | More than 4 hours |

Longest

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MStim Drop LGT-233

Improve Mobility and Walk More Naturally



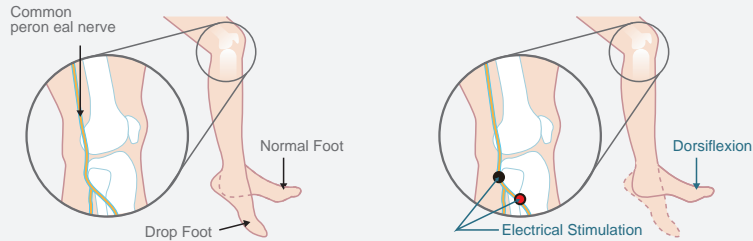
Health Life Longest Care

Longest

MStim Drop LGT-233

Portable Electro-Stimulation Therapy Device

MStim Drop LGT-233 utilizes the principle of functional electrical stimulation in neuromuscular electrical stimulation. MStim Drop LGT-233 delivers electrical pulses to the common peroneal nerve as well as the tibialis anterior and other muscles to make the movement dorsiflexion and eversion. To help patients correct foot drop and improve gait while walking.



Applications

Suitable for reconstruction of lower limb function after central nervous system injury due to various reasons (cerebrovascular accident, brain trauma, etc.)

- Firstly**
 - neuromuscular electrical stimulation, promote circulation, maintain normal muscle traits, prevent deep vein thrombosis, prevent muscle atrophy, prevent joint contracture, exercise and learn again.
- Secondly**
 - assist walking training to avoid the formation of a wrong walking exercise pattern, helping patients to form a good quality walking exercise mode.
- Lastly**
 - compensatory foot drop, assisted walking.

Features

Built-in Smart Sensor



The built-in gyroscope and acceleration sensor control the timing and duration of electrical stimulation by tracking the swing angle and pace of patient's leg.



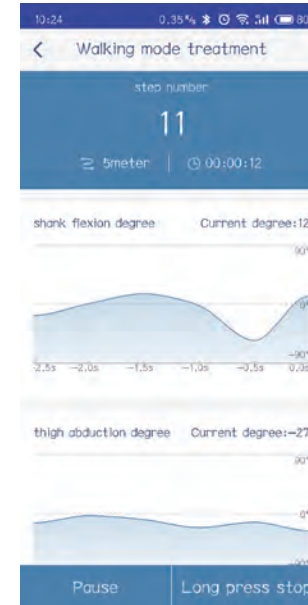
Wireless Bluetooth Connection
Quick connection easy and convenient



Small Unit
The unit is small and portable, and use with straps. It can be used for a long time without any sense of heavy while walking.



Real-time Dynamic Observation of Walking Angle
Observe walking angle changes every moment and record walking distance and number of steps simultaneously to facilitate quantitative motion data.



User-defined Programs
The parameters can be set targeted under the training and gait mode

