

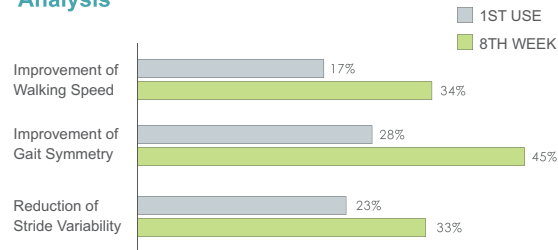
XFT-2001 Compares with Traditional Products

XFT-2001 Foot Drop System	AFO	Electrical Foot Stimulator
 <ul style="list-style-type: none"> It is small and quite easy to use. Employs advanced sensor technology. Wear almost any type of shoe. Reconstruction neural pathway. Active muscle contraction. 	 <ul style="list-style-type: none"> Give the user the feeling of disability. Passive to correct the gait. It is big and heavy and needs special shoes to fit. It makes the walking pattern abnormal. It can't help to reconstruct neural pathway. 	 <ul style="list-style-type: none"> Foot sensor is be used to trigger the electrical stimulation. Needs to wear special shoes, and the electrode cable is exposed. No gait analysis; the patient's gait is abnormal.

Wearing Schedule

	ON Time	OFF Time
Days 1-4	15-60min	30min
Days 4-6	1-3hr	30min
Days 7-9	3-5hr	30min
Days 10-12	5-6hr	1hr
Days 13-14	6-8hr	1hr

Analysis



FES Control Unit



Manufacturer: Shenzhen XFT Electronics Co., Ltd.
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 Shajing Street, Bao'an District, Shenzhen City, China.
 URL: <http://www.xft.cn> Email: sales4@xft.cn



ISO9001 Qualified Enterprise
 ISO13485



Foot Drop System | XFT-2001 |



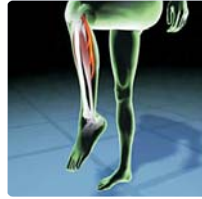
Innovative Intelli -Sense Gait Sensor

Technology upgrades our life

Innovative Technology — A Breakthrough for Treatment of Foot Drop!

The XFT-2001 is a battery-operated, electrical stimulator that can be used for functional electrical stimulation (FES). Central nervous system injuries often cause a gait disorder called "Foot Drop" which is the inability to raise the foot while walking and therefore results in dragging of the foot, instability and increased effort during gait.

The XFT-2001 is an advanced neuroprosthesis designed to improve gait in people suffering from foot drop as a result of a central nervous system injury or diseases such as stroke, traumatic brain injury, multiple sclerosis, cerebral palsy or incomplete spinal cord injuries. The XFT-2001 System consists of Cuff, FES Control Unit, Peripheral Nerve Stimulator and Remote Control. These components communicate wirelessly, thus enabling easy and comfortable use without cumbersome wires. The XFT-2001 delivers electrical pulses to the Peroneal Nerve which controls the movement of the lower leg muscles, causing them to raise the foot at the appropriate phase of walking and therefore prevents foot drop.



Stim Unit

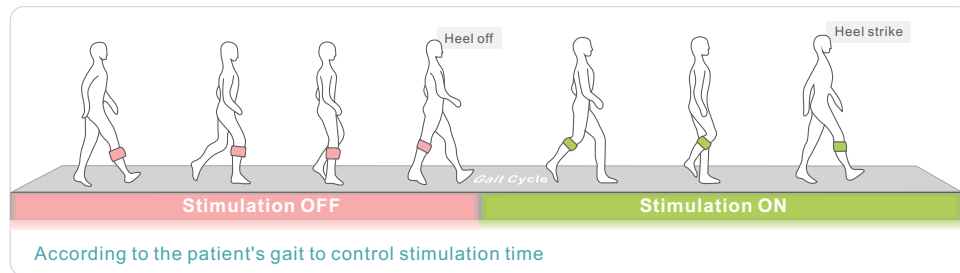
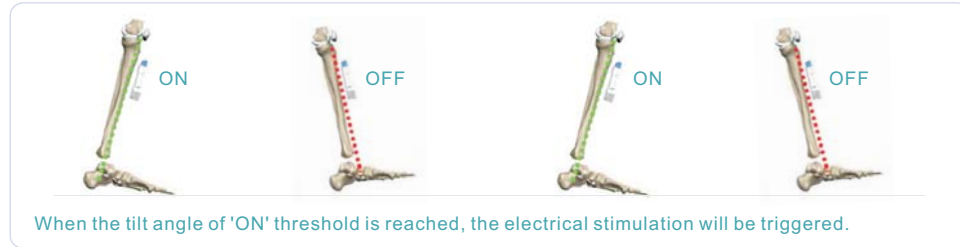


Foot Sensor



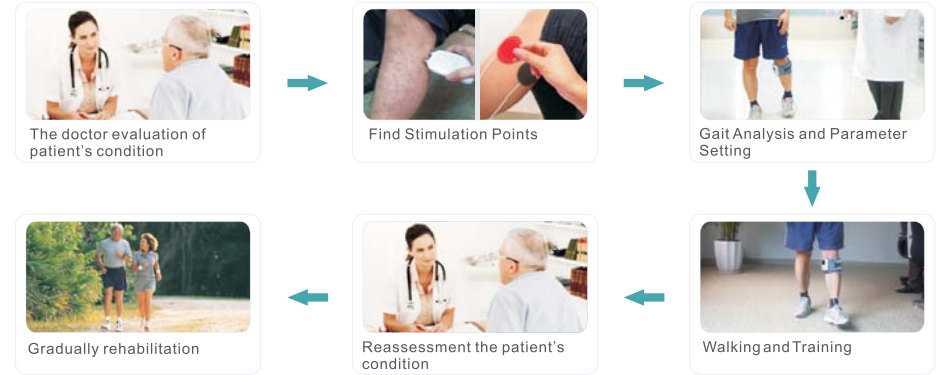
Electrodes

How XFT-2001 to Work?



By using the remote control or matched software, the doctor can set a walking/training program for the patient, and then sent this program to the FES Control Unit by Bluetooth. The device (FES Control Unit) will work in accordance with the program.

Application Process



Walking Mode



Assist the patient back to normal walk has 10 levels for choice, prevent gradually to improve the walking speed and gait .

Training Mode



The Rehabilitation Training May Gain Following Benefits:

- Facilitate muscle re-education
- Prevent or retard disuse atrophy of the lower leg muscles
- Maintain or improve range of motion of the ankle joint
- Improve local blood circulation
- Improve gait speed or gait mechanics
- Reduce walking energy consumption

Before and After Comparison



Without XFT-2001



With XFT-2001



After used the XFT-2001 for a period of time, the user's walking speed and gait has improved.