

L360



Thigh System

To learn more:

Visit: BionessMedical.com/L360

Call: 855.902.5252

Scan the QR code:



Indication for Use: The L360 Thigh System is intended to assist knee flexion or extension in adult individuals with muscle weakness related to upper motor neuron disease/injury (e.g., stroke, damage to pathways to the spinal cord). The L360 Thigh System electrically stimulates muscles in the affected leg to provide knee flexion or extension; thus, it also may improve the individual's gait.

The L360 Thigh System may also facilitate muscle re-education, prevent/retard disuse atrophy, maintain or increase joint range of motion, increase local blood flow, provide early post-surgical quadriceps and hamstring strengthening, improve post-surgical knee stability secondary to quadriceps and hamstring strengthening, and relax muscle spasms.

L360 Thigh System is contraindicated in patients with a demand-type cardiac pacemaker, defibrillator or any electrical implant. Do not use the system on a leg where metallic implant is directly underneath the electrodes, a cancerous lesion is present or suspected, or on a leg with regional disorder (e.g., fracture or dislocation) which could be adversely affected by motion from the stimulation. Use caution in patients with diagnosed or suspected cardiac problems or epilepsy.

Full prescribing information can be found in product labeling or at <https://bionessmedical.com/l360/safety-information>.

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L360




Thigh System

Muscle Movement,
Maximized



Improve strength and
stability post surgery



 bioness®

Reimagine Rehabilitation

Loss of muscle strength is a common problem after certain surgical procedures, such as anterior cruciate ligament (ACL) reconstruction and total knee replacement. In these cases, the L360 Thigh System may help with knee flexion and extension to build muscle strength and speed a return to active life.

The L360 is an electrical stimulation device used during rehabilitation after surgery to help:

- Strengthen the quadriceps and hamstring muscles
- Prevent or slow muscle loss (atrophy) due to disuse
- Improve knee stability and gait



Innovation + Stimulation

The L360 Thigh System uses innovative technologies called neuromuscular electrical stimulation (NMES) and functional electrical stimulation (FES) to address muscle weakness. The device may help patients who have had certain surgical procedures, such as anterior cruciate ligament (ACL) reconstruction or total knee replacement, as well as those who have osteoarthritis of the knee and certain other orthopaedic conditions.

The L360 Thigh System's Key Features



3D Motion Detection:

Deploys stimulation based on your walking and activity



Unique User Modes:

Targeted stimulation in three modes—training, cycle training, and gait—provides dynamic recovery.



myBioness™ App:

A user app allows you to control the system, set goals, and monitor activity so you can be engaged with your recovery.



Comfort Cuff:

The flexible, comfortable, durable orthosis moves with you to support your active life.



The L360 Thigh System has two components:

- A lightweight cuff positioned on the thigh, either on the quadriceps or hamstrings, to facilitate knee extension or flexion
- A pulse generator that delivers precise stimulation through the thigh cuff electrodes to the nerves and muscle(s)

If you believe the L360 Thigh System may help you, speak with your healthcare provider.

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