



KNEEHAB™ is a unique, innovative and clinically proven, garment-based Electrical Muscle Stimulation (EMS) product designed specifically to treat quadriceps atrophy (thigh muscle wastage). Clinical research has shown EMS technology to be an effective treatment for quadriceps atrophy which is associated with almost all knee injuries and that the use of KNEEHAB™ can significantly reduce post operative rehabilitation time. KNEEHAB™'s innovative and unique technological approach to the management of quadriceps atrophy will immediately grab the attention of physicians and physiotherapists alike.

About EMS

EMS re-educates the muscle by sending gentle electrical pulses through pads placed on the surface of the skin. This electrical stimulation applied to the motor nerve causes the muscle to contract, helping to strengthen and build up the muscle over time.

About Multipath

KNEEHAB™ incorporates Multipath, a patented breakthrough stimulation technology developed by neurotech which enables Kneehab to deliver highly focused, accurately co-ordinated and comfortable quadriceps contractions.

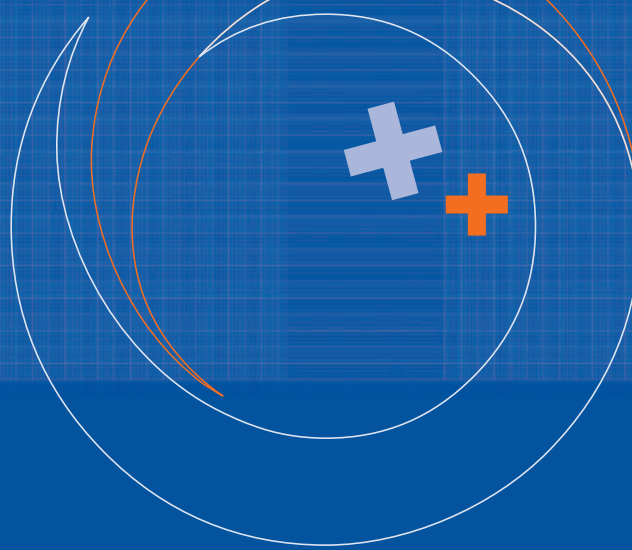
How can KNEEHAB™ help rehabilitate the knee?

KNEEHAB™ works by re-educating and strengthening the quadriceps muscle through cycles of contraction and relaxation. It can be used to improve joint stability and treat quadriceps atrophy resulting from a wide range of conditions affecting the knee including ligament injury, dislocation, fracture, osteoarthritis and stroke. It can be used to help avoid or delay surgery and where surgery is required it can accelerate post operative rehabilitation.

What are the benefits of using KNEEHAB™?

- **Easy to Use** - KNEEHAB™ is simple to use. It features just one programme, there are no cables to worry about and correct electrode pad positioning is child's play.
- **Convenience** - Kneehab is ideal for home use and can be used at a time to suit the patient.
- **Comfort** - Incorporating new Multipath stimulation technology enables the most comfortable contractions to assist recovery.
- **Targeting** - KNEEHAB™ can specifically target the inner part of the quadriceps (the Vastus Medialis) which assists in the stabilisation of the knee.
- **Neural Inhibition** - KNEEHAB™ prevents atrophy as a result of neural inhibition





Advanced therapy
for knee injuries

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or require further information
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