

neurotech®

Kneehab® **XP**  
Quadriceps Therapy System



**Kneehab® XP:** Your action plan for renewed strength, stability and mobility.



**Clinically proven effective:**

- + Pre and Post-Surgical knee rehabilitation & strengthening
- + Sports Injuries (ACL, meniscal tears)
- + Degenerative Knee Conditions (Osteoarthritis)



 **Kneehab<sup>®</sup> XP**  
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## When you have quadriceps weakening or atrophy.

Kneehab XP is an easy-to-use, adjunct therapy to your physical therapy regimen. The Kneehab helps rehabilitate your quadriceps muscles quickly and painlessly even when you may not be able to fully complete your exercises. Think of the Kneehab XP as delivering a series of automated exercises for the muscles in your upper leg. The system delivers comfortable, electrical pulses through the surface of the skin, triggering rhythmic muscle contraction and relaxation cycles that strengthen your quadriceps muscles over time.

As your muscles grow stronger, your knee's stability improves and your range of motion increases. Knee pain may diminish. Instead of thinking about each step before you take it, you're back on your feet faster with a more confident stride and posture.

## Patients recover faster with Kneehab XP

A study\* at the ATOS Clinic Center in Heidelberg, Germany proves the treatment effectiveness of the Kneehab XP. Following ACL-repair surgery, study subjects received a protocol including Kneehab, standard neuromuscular electrical stimulation or stand-alone physical therapy. The group receiving Kneehab showed statistically-significant recovery of strength and function in every test measure over the other two groups. In addition, the group receiving Kneehab was able to return to work a full week earlier than the other groups.



## Kneehab XP has helped patients Just like you.



### Sports injury patient:

Female athlete (snowboarding), age mid-20's

### Knee surgery for cartilage damage -

Used Kneehab maintain quadriceps strength during rehab.

"I would recommend it to anyone with knee problems." **ZOE GILLINGS**



### Knee replacement:

Female, age mid-50's

### Knee replacement in addition to other surgeries following a bad fall from a ladder -

Used Kneehab after almost four years of immobility to regain strength and alleviate pain.

"After using the Kneehab XP myself, I am a strong believer. It changed my life." **MAURIA FALCONE**

### Broken tibia and fibula:

Male, age late-50's

### Surgery following a broken tibia and fibula -

Used Kneehab to recover quadriceps strength following surgery on his leg.

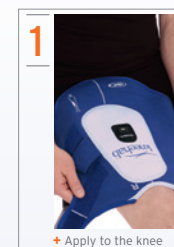
"I'd describe the Kneehab XP as easy, fast, exercise. The Kneehab XP does the work for me. It's an easy way to exercise and rebuild the quad muscles." **BOB BUYS**

\* The Effectiveness of Supplementing a Standard Rehabilitation Program With Superimposed Neuromuscular Electrical Stimulation After Anterior Cruciate Ligament Reconstruction: A Prospective, Randomized, Single-Blind Study. Sven Feil, John Newell, Conor Minogue, and Hans H. Paessler. Am J Sports Med 2011;39 1238-1247



## Simply apply, connect and begin therapy.

- + **Accelerated outcomes** - Multipath™ stimulation technology recruits maximum muscle to strengthen the knee faster.
- + **Knee stabilization** - Targets the inner part of the quadriceps (Vastus Medialis) which assists in the stabilization of the knee.
- + **Convenience** - Portable for home, office or wherever life takes you.



+ Apply to the knee



+ Connect controller



+ Push start to begin



## Activate more muscle for more strength and stability.

Multipath™, the patented technology found in the Kneehab XP, mimics the natural firing of your quadriceps muscles. The easy-to-position garment ensures that you receive the same high-performance therapy every session. The result for you is activation and strengthening of the quadriceps, better knee stability, and a faster return to a more active lifestyle.

# Neurotech.

## About us:

**neurotech®** is a division of Bio-Medical Research (BMR) Ltd., a worldwide leader providing innovative devices for pain relief and rehabilitative health. Our 40 years of clinical experience and investment in scientific research and development, has enabled us to deliver clinically proven solutions that are recommended and prescribed by leading healthcare professionals to help patients accelerate recovery and return to an active lifestyle.

**[www.neurotech.us](http://www.neurotech.us)**

**neurotech®**

The logo for Kneehab XP, featuring a stylized blue wave above the text "Kneehab" in blue and "XP" in orange.

### Designed by & Manufactured for:

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