



QUALITY FOR LIFE

September 2nd, 2008

To whom it may concern

I herewith confirm that I conducted a medical product test of Farabloc® knee wraps and back belts in 2008. 20 employees of Otto Bock HealthCare GmbH, Duderstadt, Germany, volunteered to be enrolled in that test. 10 patients suffered from overstrain or chronic knee pain, 10 patients complained about overstrain or chronic low back pain. Intensity of rest pain and pain on exertion was measured on a 10 mm Visual Analogue Scale (VAS). Patients had worn the knee wraps or back belts, respectively, over a period of 4 weeks before rest pain and pain on exertion were measured again on a VAS in a final examination.

At baseline, average rest pain in the knee and back group was reported to be 4.2 ± 2.1 and 5.2 ± 2.8 , respectively. Average pain on exertion was found to be 6.8 ± 3.1 and 7.5 ± 3.3 , respectively. That means that the patients who participated in that test had suffered from significant pain.

After 4 weeks of wearing the Farabloc® knee wraps or back belts, both types of pain reduced remarkably. In the knee group, average rest pain declined from 4.2 ± 2.1 to 1.8 ± 2.0 and average pain on exertion from 6.8 ± 3.1 to 3.1 ± 2.9 .

In the back group, average rest pain declined from 5.2 ± 2.8 to 2.5 ± 3.2 and average pain on exertion from 7.5 ± 3.3 to 3.6 ± 4.0 . Due to the low number of patients we refrained from any statistical tests for significance.

Results for subgroups suffering from different causes for knee or back pain were somewhat inconsistent. Patients who complained about overstrain-related pain due to sports or work experienced complete pain relief in most cases. In patients suffering from degenerative disease, the pain relieving effect of Farabloc® diminished with increasing severity of degeneration. However, some of these patients were able to reduce pain medication, which interfered with the pain measurements.

In summary, Farabloc® wraps and belts turned out to be an excellent option to treat overstrain-related knee and low back pain. In degenerative disease, the effect of Farabloc® is better in less severe degeneration. But even in severe degeneration an attempt with Farabloc® is justified as I have seen some patients reduce pain medication.

If you have any queries, please do not hesitate to get in touch.

Sincerely,

Andreas Kannenberg, M.D.
Certified General Practitioner
Director of Medical Affairs
Otto Bock Health Care GmbH
Max-Näder-Str. 15
D-37115 Duderstadt
Germany

Phone +49 - (0)5527 - 848 3401

Mobile +49 - (0)170 - 226 2612

Email: andreas.kannenberg@ottobock.de