

# Magnetic field therapy: solution or sham?

**Chronic diseases of all types are increasing rapidly, which is a threatening and costly development. Most medical treatment, training, medicine and physical therapies are of the chemical or physical type. The Bio-Electro-Magnetic-Energy-Regulation (BEMER-therapy) supplements these treatments in that it influences natural bio regulatory mechanisms.**

“How can a therapy assist so many diseases positively where other methods have failed?” is a question often heard when training doctors in electro magnetic field therapy (PEMFT). Why? In medical training, illness appearances are understood as the result of organ damage that is to be treated specifically. However, one can also regard organ damage as a consequence of disturbed cell function, usually due to a lack of cellular energy on which the cell metabolism depends.

The body is assisted by means of PEMFT to a situation where it is able to improve energy levels itself, and that helps one to understand why this therapy method is effective in so many different pathological variations.

The main applications of magnetic field therapy are:

- improvement of blood circulation,



- relief from pain,
- improvement of bone healing and the stimulation of nerve cells.

Not only is the PEMFT effective in disease conditions: it is an excellent means of preventing stress, assisting regeneration and recovery after sports exertion.

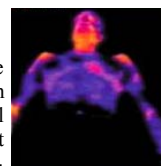
The effectiveness of an electro magnetic field in the body is driven essentially by the form of the signal. Here the different PEMFT systems differ considerably. The special Bemer-signal is basically unlike every other form previously known and used in PEMFT therapy devices.

### BEMER Therapy effects

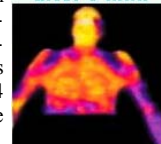
The scientific effects of the unique Bemer field are easily demonstrated in various physical ways, even though science has yet to develop to the point where it can explain the individual mechanisms. Studies show increases in temperature after therapy with the BEMER-System, yet this is not due to a local warming effect, but probably due to increased circulation of

blood through the tissue. This has been proved in a practical way with different medical user studies. One of them comprised 220 individual medical practitioners. Patients were treated over 4 weeks at the same time twice daily, and over 2000 diseases out of 42 different illness groups were included. The analysis indicated that over three-quarters of the patients were symptom free, or had at least had an essential improvement. Only 6% of the patients reported no change. In daily use it is also possible to use the BEMER 3000 Intensive applicator to treat specific problems (i.e. knee conditions). Medical examples include a 65-year-old man with heart disease, his condition improved to the point where his heart load capacity increased providing him with a better quality of life, and now Mr. R. can even travel again.

The cause for this success of the electro magnetic field therapy lies probably in improved micro-circulation to the heart muscle. Another example: patient L. had a heavy joint wear at the right hip and therefore had hip replacement surgery. Unfortunately, a year



after 8 min.



after the surgery she was once again experiencing severe debilitating pain. Using the therapy twice daily reversed the painful condition to the point where the patient was able to walk again without limping.



The therapy is not only used for disease conditions, but is particularly suitable for athletes wanting to increase performance without drugs. Through metabolic activation and blood circulation more nutrients and oxygen are available to muscle cells, less damage is experienced, and efficiency is improved. Many elite athletes, the Swiss Olympic team, the champion cyclist Thomas Frischknecht, the tennis pro Michael Kratochvil use the therapy already. All kinds of athletes can benefit from electromagnetic field therapy.

But, we leave the best message for last; the BEMER 3000 is so simple to operate it can be safely used at home.

Interview with Dr. Jaroslav Dbaly the president of the Swiss Magnetic Field-Therapy Association:

## Magnetic field therapy: the only chance for many patients

**For many patients the electro-magnetic field therapy offers many possibilities in medicine. What should you know about it? Are there risks? We have with us Dr. Jaroslav Dbaly, president of the Swiss physicians association of electromagnetic field regulation and therapy (SAMET).**

? Not all magnetic field therapies are the same. There are devices and systems with questionable therapeutic value. By what criteria can we judge these devices as home users?

**Dr. Dbaly:** First, let's look at the type of field. There are devices with permanent and those with pulsed fields. 3 factors are important: the intensity of the field, the form of impulse or signal, and frequency spectrum. Only pulsed electromagnetic fields are biologically effective. The effectiveness of the signal is determined by the pulse. The most effective pulsed signal with a low energy output and with the widest frequency spectrum is the patented

signal of Prof. Dr. Wolf Kafka, with the formula named the BEMER 3000.

? Can magnetically induced currents in the body have negative effects?

**Dr. Dbaly:** Strong fields may disturb some pacemakers, fresh organ transplants, and we do not know what effect these currents could have on pregnancy. We do know that there are no such contra indications in the devices with low energy outputs.

? One benefit is the increased blood circulation from this therapy. What conditions would it be most suitable for?

**Dr. Dbaly:** Based on its effect, weak pulsed electromagnetic fields are suitable for all patients and all conditions. First, it helps the release of repair proteins, secondly blood circulation is improved, and third there is increase of oxygen in arterial blood. Weak pulsed electromagnetic fields are suitable for all types of traditional medical therapies, as well as alternative therapy procedures.

? Should the therapy be available only in the practice, or could the patient at home use it?

**Dr. Dbaly:** Both are possible. Fundamentally however, the magnetic field therapy should be under medical supervision for optimal results. That been said, Swissmedic has also classified these devices as safe for home application.

? Are the therapy costs covered by the health insurance companies?

**Dr. Dbaly:** Basically not. Patients must consider the therapy in the context of what the therapy can achieve, and have sufficient treatments to benefit. In special circumstances, for example in pain therapy or in the healing of a chronic lower thigh abscess, the cost of magnetic field therapy is already covered by SUVA. (Swiss med)

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