

Understanding BEMER Technology & Application

Good Health, well-being and life in general depend on a functional micro-circulation, the blood flow in the tiniest blood vessels of our bodies, the capillaries. It is exclusively there where nutrients and oxygen, metabolic waste products and carbon dioxide are exchanged with all of the body's cells. This microcirculatory system represents about 74% of our bodies' entire network of blood vessels and is therefore one of the most important factors for normal, healthy body function. As we age, our capillaries become less perfused, and the flow of blood to the cells slows. The result is an increased risk of disease, fatigue and premature aging. However, we are able to significantly influence this process with BEMER Technology:

BEMER Technology, a biophysical application to optimize the body's own natural vitality and wellbeing is the state of the art "Information Medicine". By means of sending a unique signal to the body, BEMER stimulates the rhythmic pumping action (vasomotion) of our bodies' tiniest blood vessels – the microcirculation. Distribution of the very essences of life is improved with its use. The benefits of BEMER technology is the support of the body's own healing and maintaining abilities; they reach the entire body and can be experienced by everyone with no known negative side-effects. The signal itself is carried on pulsed electromagnetic fields. We chose Pulsed Electro Magnetic Fields (PEMF) because it is safe, and because it is technologically and economically feasible. The use of PEMF however, is merely incidental to that purpose and not causal to the biological effects observed. It is just the carrier medium. We could as well use light waves or mechanical waves like ultrasound, etc. That is why BEMER is not to be considered a PEMF device per se. It is in fact very different from the many PEMF devices that are advertised on the market which really have not much in common with the BEMER technology at all. However, the Internet is full of self-proclaimed "review" websites who misrepresent material facts about the BEMER technology and its brand. BEMER is one of the pioneers and at the forefront in the new field of "Information Medicine" and with this, shifting an entire paradigm of holistic and preventive medicine and its therapeutic applications. It is compatible with and complementary to conventional medical treatments and procedures. A fast growing number of hospitals, medical professionals (physicians and practitioners) as well as athletes and individual BEMER enthusiasts of all demographics in over 40 countries around the world are successfully using clinically proven and FDA registered BEMER devices to improve the quality of their lives.

The BEMER Signal is the result of 15 years of ongoing scientific research (clinical trials, double-blind, placebo controlled studies in addition to the FDA study which is currently being conducted) in collaboration with independent research facilities such as medical faculties of diverse universities, independent institutes, health professionals and BEMER Group's own research resources. Hundreds of thousands of BEMER applications all over the world and empirical observations by means of real-time images, using combined hi-tech intravital microscopy and laser-doppler flowometry, have ultimately led to the patented BEMER signal configuration. Since 2012, NASA is contemplating the possibility of integrating BEMER technology into their own developments as the BEMER signal is recognized as the most researched, most advanced and most effective signal for the enhancement of microcirculation and other physiological regulatory processes. In metaphoric words, it is precisely this unique signal configuration that constitutes a newly deciphered letter in the alphabet of a universal signal "language" that is understood by the body to trigger physiological processes. With these discoveries, BEMER is at the forefront in the new field of "Information Medicine".

So, is BEMER Technology PEMF, or what makes it work?

We often hear or read about all kinds of "PEMF" devices who base their claims on the effect which pulsed electromagnetic fields somehow have on our bodies. It is often mentioned that biological effects are caused by certain energy outputs and frequencies which are to be high or low or user adjustable etc. However, what is really important (and yet often neglected) is actually the presence of a very specific signal configuration in which the waveform plays an extremely important role as well. This specific signal configuration is what constitutes the "information" which is transferred to the body and which appears to cause the observed effects. In other words: It's not the pulsed electromagnetic field per se, but the "information" carried by the field. Think of radio-waves which modulate our voices and carry spoken word. If the station is on air but nobody speaks, there is no information. So, the field is only the carrier medium. Indeed, just like PEMF can be used, other media could be used as well, for example light waves. In fact, BEMER research recognized this fact and developed light applicators which produced the same remarkable effect as its PEMF modules.

Analogies may help understand all of this so much easier:

Let's imagine the BEMER signal as a popular song, as a beautifully composed sequence of musical notes (signal configuration) and its accompanying lyrics (information). Playing these notes in the right order, with the correct rhythm and with the right volume, we are able to recognize a well-known melody. Interestingly enough, it does not seem to matter what instrument we play the melody on. Whether played on a piano or a saxophone (carrier medium), we always recognize the song. The melody catches our attention and makes us receptive for the lyrics contained. And given these exact lyrics, that song becomes meaningful to us as it tells a story or is associated with memories, hence able to trigger emotions or other reactions. The song is the signal, and we react to it. So, if you will, the BEMER signal is just that song to our bodies.

But should users be able to adjust the signal, as other manufacturers suggest? Let's look at the analogy again: If we changed the notes, changed the sequence, the tones, the rhythm, etc. of a complex composition, we would most likely change the melody beyond recognition. No one would recognize the song anymore. The uniquely characteristic melody is lost and with it, the song itself, the memories, the associations. Unless we were skilled and talented composers and musicians, by changing the notes and rhythm we would most likely end up creating a dis-harmonic noise. Additionally, with the lyrics changed to a language we don't understand, this noise now would have become completely meaningless to us. Chances are we don't react to this type of "signal" anymore. It is as good as honking a horn.

This is precisely where BEMER's research of signal configurations over the past 15 years has led to remarkable discoveries and developments of very peculiar and unique signal configurations which must not be altered. It is important to preserve the signal configuration unaltered. Today, the BEMER signal is a well composed "song" carrying precise information which is recognized by our bodies, stimulating vasomotion and thus improving our microcirculation

BEMER Group has evolved to be a cutting-edge technology leader in its field, Information Medicine. Its patented signal configuration is the most effective signal developed so far. BEMER research has only just begun to uncover the elements of the universal "language" in which our bodies communicate and control our biological functions. It is a new holistic paradigm of medicine in which our bodies return to do what they were designed to do best: To live in health.

BEMER Medical Usage

In Germany, for example, BEMER is fully recognized as a class 2a medical device, successfully used in hospitals, by clinicians and thousands of health professionals across the country. "BEMER Physical Vascular Therapy", an officially established therapeutic treatment modality, even has its own billing codes and is reimbursable by some health insurance carriers. Medical doctors can actually "prescribe" BEMER Physical Vascular Therapy and BEMER devices for home use.

BEMER is probably the most researched and most effective physical treatment method in its field. Should you have any further questions, please feel free to contact the BEMER company anytime (www.bemeramerica.com). For information and facts about statements made on "review" websites please also visit: www.reviewbemer3000.com

As a thriving and responsible company, BEMER is at the forefront in the new field of "Information Medicine", setting new milestones in the discovery of a truly paradigm-shifting approach to preventive medicine. The medicine of the future.