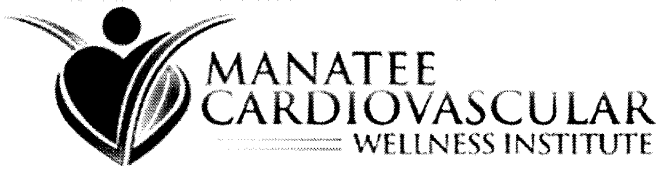


The following copy is from the website of Manatee Cardiovascular Wellness Institute. Highly respected Doctors from throughout the world promote and use BEMER therapy for themselves and their patients.



Bemer Physical Vascular Therapy improves microcirculation and promotes the blood flow in the smallest blood vessels. This improves the performance of the body's cells, which in turn favors the body's own self-healing powers.

WHAT IS BEMER THERAPY?

All vital processes, particularly the metabolism of each single cell, are based on electromagnetic energy. The self-regulating and self-healing powers of the cell only function in an organism sufficiently supplied with energy. Modern Western lifestyles and pollution lead to a detrimental energy balance and impairment of the metabolism. The results are a decrease in vitality, degenerative processes, chronic diseases and a greater susceptibility to infectious agents.

By the application of specially designed electromagnetic impulses, called Pulsed Electro-Magnetic Therapy [PEMT], the cells can produce more energy and the metabolism is activated. Disturbed control systems function again, and the self-healing powers are supported.

In fact, applying an electromagnetic field to the body can help almost any condition. The human body is created in such a way, that if it has a sufficient supply of energy, it can compensate for illness by self-regulation and self-healing. Each form of illness has, at its foundation, an energy deficit. Most of us suffer from lack of vitality, which is due largely to environmental and emotional stresses, overwork, pollution, poor nutrition or lack of exercise.

With Bio-Electro-Magnetic-Energy-Regulation [BEMER], you can now do something to correct this lack of energy within each cell in the body. The therapy is applied by means of a mat upon which you lie, while a pulsed magnetic field envelops you. It is entirely painless and free of side effects. It originates in Germany, has been scientifically validated in many studies, and has won international acclaim for advances in Technology.

Thus with BEMER therapy, based on the natural laws of life, an optimum state of health can be regained.

HOW DOES BEMER THERAPY WORK?

All functions of the body are controlled by electromagnetic signals, much of which is generated by moving across the surface of the earth i.e. exercise. Motion promotes muscle growth, strengthens organs and the immune system: without motion the tissues suffer from insufficient levels of electromagnetic energy. Humans can survive without gravity but not without magnetism. Exercise also stimulates the circulation and thereby the oxygenation of our tissues.

Insufficient oxygen in the cells is thought to be the root cause of most illnesses including cancer. BEMER not only increases the electro-magnetic energy of all the cells, it also improves the circulation and oxygenation of the tissues. This encourages each cell in the body to function optimally and to correct metabolic and energetic abnormalities, which result in freedom from disease. Thus the physiological effects of BEMER treatment are similar to the benefits of exercise.

BIO-ELECTROMAGNETIC PROCESSES IN THE CELLS

The human body contains about 100 trillion cells, which are coordinated into a harmonious ensemble of tissues and organs. Every thought and nerve impulse, every communication by hormones depends on the optimum function of each cell and their intercommunication. If the cell is healthy, the organism is healthy.

In order to fulfil its functions the cell requires energy, which process requires a supply of oxygen and nutrients. 50% of the energy is used to convert ADP to ATP, and the other 50% is needed to maintain the cell membrane potential. This electrical charge around the healthy cell should be 70-90mV. In disease the membrane potential is found to be reduced to 30-40mV, and in cancer even as low as 15-20mV. At levels below 60mV the membrane structure becomes distorted, and below 10mV the cell dies. BEMER therapy has been shown to restore the membrane potential to normal.

The absorption of substances and the excretion of wastes are also controlled by electromagnetic energy, which, if deficient leads to poor function and ultimately cell damage. Enzymes, which are vital to metabolic processes, are activated and repair proteins are synthesised. Detoxification of cells is intensified and the immune system is stimulated.

BIO-ELECTROMAGNETIC EFFECTS ON BLOOD AND CIRCULATION

- Dilation of blood vessels
- Improvement of circulation especially the microcirculation
- Increase in oxygen saturation and oxygen partial pressure [pO₂] of arterial blood
- Improvement in the flow properties of blood, and thereby reducing the risk of thrombosis.

The optimal pO₂ of arterial blood is 96 mmHg. Due to lack of exercise most people have a much lower pO₂ value; below 80 is a critical level. Each treatment with the BEMER increases the pO₂ by 6-8 mmHg, but this only lasts for 4 hours. If the treatments are repeated this value gradually climbs until the optimal level is reached by 4-6 weeks. If treatment is stopped the level will gradually decline over several months, but this can be maintained by exercising. Your level can be estimated by measuring your resting pulse on waking.

- Less than 50 b.p.m. = top fitness
- 60 b.p.m. = good oxygen supply
- 75 b.p.m. = "normal" for average population
- Greater than 80 b.p.m. = cells are screaming for oxygen.

With a **Dark Field Microscope** this low pO₂ can be seen by the formation of the red blood cells into rouleaux [like stacks of coins]. After treatment with facial oxygen or BEMER the cells separate, indicating a sufficient oxygen supply.

With Thermographic Photography it can be shown that the improvement in circulation starts in the head, then moves down to the torso and finally the limbs i.e. this is a central not a local action.

The magnetic field also acts on the autonomic nervous system to relax and dilate blood vessels. It also produces more Nitrogen Monoxide, which dilates the capillaries, but if the magnetic field used is too intense it will have the reverse effect. This also applies if the system is very acidic [as it would be if the person is unwell or unfit], so the treatment must start at a low level and gradually build up as the energy improves.

WHAT CAN BEMER THERAPY DO FOR ME?

TREATMENT

Treatment in case of sickness, supporting the immune response, and activation of self-healing capacity by stimulating microcirculation.

There are vast conditions that are treatable. Contact us to schedule an appointment, to learn more. (Add the contact us link here).

PROPHYLAXIS

Positive effect on the general sense of well-being, health and sleep. All this results in a higher quality of life.

IMPROVED PERFORMANCE

Supporting metabolism for increased performance, strengthening the response capacity, reducing the risk of sports injuries, and faster regeneration.