

# Bob Beck's Legacy

## MAGNETIC PULSING HEALS

**Research studies reveal** that pulsed magnetic fields have widespread healing effects. Before we review the research, let's look at what creates a pulsed magnetic field and Bob Beck's purpose in using a pulsed magnetic field as one step in the Beck Protocol.

### PULSED MAGNETIC FIELDS ... AND THE ROLE OF BOB BECK

A magnetic field is created when electricity is applied to a wire coil. The healing field that is emitted from the coil is usually referred to as either a pulsed magnetic field (PMF) or a pulsed electro-magnetic field (PEMF). The healing power of magnetic fields have the ability to penetrate all body tissues—even bones.

Bob's specific purpose for applying a pulsed magnetic field to the body was unique at the time. After developing wrist pulsing—the system that allows us to easily create microcurrents of electricity in blood in order to neutralize pathogens or harmful bacteria and viruses that contribute to the disease process—he turned his attention to the lymph system. Bob realized a technology was needed to reach the lymph—the other circulatory system in the body. Bob's goal was to create microcurrents in the lymph system in order to neutralize pathogens or harmful bacteria and viruses that were stored in the lymph nodes.

### REACHING BODY SYSTEMS TO HEAL

Bob Beck knew that a magnetic field moving through body tissue would generate gentle electric currents or microcurrents. He realized that pulsed magnetic fields were the answer to reach the lymph system. Pulsed magnetic fields also made it possible to create microcurrents in any body tissue—organs, the nerve system, muscles and bones—for healing purposes.

Our lymph system has the responsibility to carry away waste products. Each body cell is nourished by tiny blood vessels or capillaries. It is the function of the lymph fluid that surrounds each cell to then carry away waste products. In the process, lymph nodes become storage sites for pathogens.

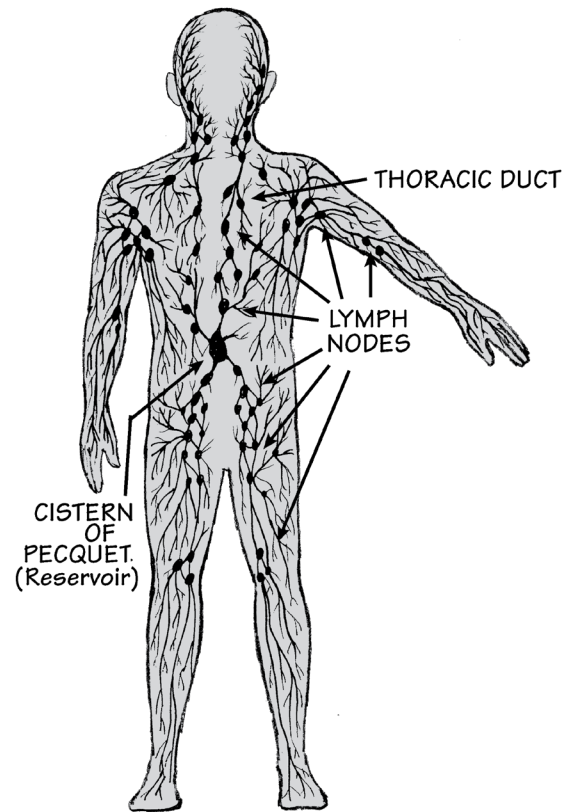
In addition to neutralizing pathogens, the application of pulsed magnetic fields to the lymph also

increases the flow of lymph fluid. Dietrich Klinghardt MD, PhD, a leader in the field of energy medicine, emphasizes the importance of lymph flow:

*The magnetic fields are very helpful in creating lymph drainage and where there's congestion in tissues, where the blood flow is restricted—for example, in a jaw bone. So, we like to use magnetic fields in those areas with the purpose of draining the lymph.<sup>1</sup>*

The lymph system is a key part of the immune system which is one reason the application of pulsed magnetic fields can have far-reaching healing effects.

Thanks to Bob Beck, we can readily apply a pulsed magnetic field at home. While Bob's technology was initially designed to apply magnetic pulsing to lymph nodes to create microcurrents in order to neutralize stored pathogens, lymph flow is also stimulated. In addition, the healing effects of pulsed magnetic fields can be applied to any area of the body.



## HEALING OF BONE FRACTURES

In recent years, research and the use of pulsed magnetic fields by the medical community has been increasing steadily.

Dr. Andrew Bassett's landmark research back in the 1970s brought official government approval in the United States for the use of pulsed magnetic fields to heal bone fractures. Dr. Bassett had worked with Dr. Robert O. Becker, author of *The Body Electric*, in his laboratory. Dr. Bassett later formed a team to investigate the healing of bones. Initially they were only allowed to treat patients with fractures that were not healing.

For the clinical study, each patient applied a pulsed magnetic field device at home for 10 to 12 hours daily. In 1979, after 1,007 people had their bone fractures heal—fractures that would otherwise not heal—the FDA in the USA, approved the use of a pulsed magnetic field device to heal bone fractures.<sup>2</sup>

Before his death in 1991, Dr. Bassett made a sweeping prediction:

*In the decade to come, it is safe to predict, bioelectromagnetics will assume a therapeutic importance equal to, or greater than, that of pharmacology and surgery today. ... significant inroads can be made in controlling the ravages of cancer, some forms of heart disease,*

*arthritis, hormonal disorders, and neurological scourges, such as Alzheimer's disease, spinal cord injury, and multiple sclerosis. This prediction is not pie-in-the-sky.<sup>3</sup>*

Research is mounting to support the widespread healing effects Bassett predicted.

## **FAR-REACHING HEALING EFFECTS**

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Pulsed magnetic fields help heal an impressive list of ailments! A review of studies by Canadian researchers found that pulsed magnetic fields healed:

- A variety of bone disorders
- Arthritic joints—both rheumatoid arthritis and osteoarthritis
- Tendonitis
- Spinal fusions
- Pelvic pain
- Cancer
- Neurological disorders

Healing of neurological disorders involves the nervous system. Since the nervous system branches into all areas of the body, this research reveals another way pulsed magnetic fields have global healing effects.

Specifically, the research review reported:

*This paper has discussed the effectiveness of magnetic-field stimulation as a treatment for a variety of health-related conditions. To date, of the articles included in this review, magnetic-field stimulation was shown to be effective for treatment of bone disorders (osteotomies, non-union bone fractures, congenital Pseudoarthrosis, bone formation, hip arthroplasty), joint disorders (including rheumatoid arthritis and osteoarthritis), rotator-cuff tendonitis, spinal fusions (including Pseudoarthrosis and interbody lumbar fusions), pelvic pain, neurological disorders (e.g., multiple sclerosis, tinnitus), nerve (median-ulnar, peroneal, sciatic) regeneration, endocrine ophthalmopathy, cancer, focal ischemia, cardiac and myocardial protection, and human standing balance.<sup>4</sup>*

The count comes to over 20 conditions improved with pulsed magnetic fields!

Another report, sent to the National Institutes of Health in the USA, by a group of prestigious researchers, included support for the following applications of bioelectromagnetic (BEM) field therapy:

- Bone repair

- Nerve stimulation
- Wound healing
- Tissue regeneration
- Immune system stimulation
- Hormone system balancing

The authors conclude:

*In clinical practice, BEM applications offer the possibility of more economical and more effective diagnostics and new noninvasive therapies for medical problems, including those considered intractable or recalcitrant to conventional treatments.<sup>5</sup>*

Reporter Alex Murray introduced his review of medical research from around the world, citing more conditions that can be helped to heal:

*Doctors used to dismiss magnetic therapy as ancient quackery. Until they discovered that it really can help wounds to heal faster, treat epilepsy and even ease depression. ...*

*More than 300 research teams around the world, at institutions as prestigious and mainstream as Imperial College London, and California, Yale and Harvard universities, have found evidence of positive effects.*

He also provides an impressive list of health problems for which magnetic therapy is effective:

*It has been shown to work in conditions as diverse as arthritis, depression, incontinence, wound healing, epilepsy and spinal injuries, and is being investigated as a treatment for many more, including cancer, migraine and MS. It can even, it is suggested, help to straighten crooked teeth, encourage bone to grow and help people who hear voices but have not responded to drug treatments.<sup>6</sup>*

Eastern European countries, in particular, have used pulsed magnetic fields as a medical treatment for several decades. *Magnetic Therapy In Eastern Europe, A Review of 30 Years of Research* by Jiri Jerabek, MD and William Pawluk MD was published in 1998. Their review also supports the global or widespread healing effects of pulsed magnetic fields. The authors attribute these benefits to the fact that so many body processes involved in healing are enhanced.

## SUMMING UP

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Bob Beck's magnetic pulse generator is a convenient choice because of the ease with which it can be applied directly over trouble spots to create microcurrents. Magnetic pulsing is a companion to wrist pulsing for blood electrification. Blood electrification applies microcurrents to the blood, while pulsed magnetic fields create microcurrents in lymph or any specific area of the body.

While both technologies were designed to disable disease-causing bacteria and other pathogens, research as well as anecdotal evidence is finding pulsed magnetic fields stimulate the body's natural ability to heal.

## REFERENCES

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