

## How PEMF Therapy Works

Pulsed Electro Magnetic Fields influence cell behavior by inducing electrical changes around and within the cell. Improved blood supply increases the oxygen pressure, activating and regenerating cells. Improved calcium transport increases absorption of calcium in bones and improves the quality of cartilage in joints, decreasing pain dramatically. Acute and even chronic pain -also caused by osteoporosis- may disappear completely.

There are many scientific studies on the degree of effectiveness of Pulsed Magnetic Field therapy. Application of pulsed electro-magnetic energy is based on more than 40 years of worldwide research carried out by renowned scientists. In addition there are many years of practical experience by thousands of physicians.

About Magnetic field strength: Unlike other systems that produce extremely weak magnetic fields, a major advantage of our systems is their enhanced magnetic field strength (about 100 times more powerful), which substantially improves treatment results. The systems are completely safe with absolutely no side effects.

Other PEMF systems (considered personal units) generate fields that the range is much too weak to provide any significant therapeutic effect. This is because it is a basic principal in physics that a stronger magnetic field will overpower or cancel out a weaker magnetic field. Since the earth's magnetic field is stronger than the output of these weaker systems so they can provide only minimal, if any real therapeutic effect.

Even after years of chronic discomfort, positive results are seen. The therapeutic application of pulsed magnetic fields is based on more than 40 years of scientific research in both Europe and the United States. It has shown pulsed magnetic fields to be effective in relieving discomfort and achieving and maintaining good health. This technology has undergone clinical trials worldwide, and is used by physicians and holistic health practitioners throughout the world. Tens of thousands of patients have been treated successfully, creating a dramatic improvement in their quality of life. Applications for pulsed magnetic therapy include arthritis, multiple sclerosis, sleep disorders, migraine headaches, bone and wound healing, osteoporosis, skin diseases and general pain.