

How Does QRS PEMF work?

So let me make it as simple as possible. You know that the difference between you and me alive versus you and me dead is that the electricity has stopped flowing. The EKG and EEG are flat. We have the exact same composite of chemicals, but the flow of electrons has ceased. The living body is electrical in nature, since being alive requires electrons to be continually flowing in and out of our cell membranes. In fact we capitalize on this electricity by measuring the flow of electricity in the heart with the EKG or electrocardiogram. We measure the electricity of the brain with the EEG or electroencephalogram. We measure the electricity in a muscle with the electromyogram or EMG. And we define death as absence of electrical signals.

Years ago physiologists measured other currents that were generated in living animals. First they found there was a measurable "current of injury" generated after they cut off salamanders' tails. There was likewise a measurable current of healing. Next they wondered if they could accelerate healing by duplicating and modifying this current. As it turned out they not only speeded healing, but they caused total regeneration of a new tail. Soon they learned how the frequency, direction, pattern, and strength of the fields were very important for obtaining maximum regeneration.

But these researchers had a much more magnanimous goal in mind than re-growing amputated salamander tails. For out of these experiments came work that allowed orthopedic surgeons to heal non-union fractures with pulsed electromagnetic fields. One of the worst problems in orthopedics (the specialty of bones and joint surgery) is a nonunion fracture. In other words, x-ray-proven fractures sometimes just do not heal. This is very prevalent with auto accidents and in wartime soldiers.

Months and sometimes years later, x-rays confirm no healing has taken place; there has been no union of the two ends of bone. This is extremely scary because it can end in serious osteomyelitis (infection) from which the person can die. And as long as the two ends of broken bones are not united, the limb is useless. But by placing the non-union fracture in a pulsating electromagnetic field, bones have healed. Many of these cases of non-union fractures were of years' duration, having failed surgery, pins, metal plates, casts, braces and all sorts of immobilization and stabilization.

After these successes, orthopedic surgeons tried specific pulsating electromagnetic fields on all sorts of other painful diagnoses. Electromagnetic fields were successfully used to heal tennis elbow, elbow and heel tendinitis, osteoarthritic knees, calcified shoulder tendinitis, rotator cuff tendinitis and even reverse osteoporosis of the hips and spine. As well, there has been marked improvement in healing damaged or severed nerves (Rusovan, McDevitt, Raji, Wilson, Sisken, Jacobson, Subramanian), as well as amelioration of Parkinson's disease (Sandyk) and multiple sclerosis (Sandyk).