

The QuantumPulse

TM

*Utilizing proven technologies to
promote a General State of Well-being and
to enhance the Quality of Life.*



Brought to you by

***VIBE Technologies
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www.thequantumpulse.com

Dear Friend,

I would like to take this opportunity to welcome you to the exciting world of *Spiritual Electronics*™ and to the family of VIBE Technologies. We pride ourselves on our superior customer service and truly enjoy meeting and talking with QuantumPulse owners and QuantumPulse users. Any time you or a friend has a question, please feel free to contact us at (970) 356-9594.

As the inventor of this amazing device, I initially journeyed into this field driven by my love of electronics, having been a professional for over 29 years, and my innate talent for inventing. Like any other electronics buff, I was inspired by Nikola Tesla, with visions of harnessing the powers of electricity. After reading the works of Lakhovsky it became obvious that there was a lot more to this science that related to the body, our DNA and energetic healing than I could have ever imagined. After many years of research, trial and error, and the foresight of several talented spiritualists and healers this technology has been perfected.

I would like to explain how the QuantumPulse works so you can understand the dynamics of the technology. The QuantumPulse creates a slight DC charge of -70 to -90 millivolts (-.07 volt). The transmembrane potential of the cell's have a DC difference in potential from one side to the other. You must have this difference in potential for your cells to function properly. In order for the bioelectric human body to accept the different energy's generated by the QuantumPulse, they must be transmitted in a spiral vortex. This amazing device does just that...using sacred geometry and holographic technology. Let me give you a simple explanation of the effect the QuantumPulse has on our body. Everything that is alive contains movement, or oscillation. The speed at which this occultation occurs is the frequency. The cells of the body are capable of finding their own frequency. For example, if you tap a 440 Hz tuning fork and move another 440 Hz tuning fork near it, the second tuning fork will duplicate the same tone (or oscillate) with the same tone as the one that was tapped. If you bring a 442 Hz tuning fork near the 440 Hz tuning fork, it remains silent, and does not oscillate, or duplicate the tone. When you transmit all of the frequencies to the human body, the cells will find their own resonate frequency and oscillate at their own correct vibrational rate. When this occurs, the height, or amplitude of the frequency, will increase allowing the cells to operate at their optimal level. This optimum level shows itself to be similar to those of a 14-year-old when measured.

By sitting in front of the QuantumPulse for one to five-minute sessions, one can energize the cells and begin to realign and balance the physical, emotional, and spiritual systems, returning them to their natural "state of Being".

Good health to you!

Gene Koonce

Electromagnetic Therapy: Electricity and magnetic energy exist in the human body, controlling the heartbeat, stimulating muscles, and more. Each molecule in the human body actually contains a small amount of magnetic energy. Electromagnetic therapy is based on the belief that an imbalance of the electromagnetic frequencies (or fields) of energy can cause illness. By applying electrical energy to the body, it is believed that the imbalance can be corrected. Electromagnetic therapy is also called bioelectricity, magnetobiology, magnetic field therapy, and magnetic healing. Traditional medicine already makes some use of electromagnetic energy such as “jump starting” the heart after a heart attack, using electrical currents to increase bone growth, transcutaneous electrical nerve stimulators (TENS) and magnetic resonance imaging (MRI).

Resonate Frequency: Everything in the universe has a resonate frequency. By transmitting the same frequency at which a cell oscillates, you can cause the amplitude (or height) of that cell to increase. This increase in amplitude allows the cells to function at their optimal level. An example of resonate frequency is when you tap a tuning fork that is tuned at 440 hertz and move a second 440 hertz tuning fork into its field, the second tuning fork will replicate the oscillation. Whereas if you tap a tuning fork that is tuned at 440 hertz and move a tuning fork tuned at 442 hertz into its field, it will remain silent, and NOT replicate the oscillation.

Oscillation: All living cells oscillate. The rate at which this occurs would be called frequency. Frequency is measured in cycles per second (or hertz).

Amplitude: Amplitude is the height of oscillations. Amplitude (or height) of the frequency of the cell is decreased over time due to, improper nutrition, environmental toxins, emotional issues (stress) or, any combination of the three. When the amplitude of the cells decrease, a toxin build-up can occur in the body.

Scalar Waves: Scalar waves are defined as being composed of a pair of “normal” transverse waves, traveling in the same direction, but each having its own electric and magnetic field vector 180 degrees out of phase with those of its partner, so that the fields all superpose to zero and are no longer detectable. This would be accomplished by delaying one wave by 180 electrical degrees; when the two waves superpose, one wave’s electric field vectors would point “up” in a given moment of time, while the other wave’s would point “down” at that same time, leaving a net E-field of zero. The perpendicular magnetic field vectors would likewise counteract each other. Out of phase, nulled, or cancelled, in other words, as far as the “target” (toward which the overlapping waves are traveling) is concerned. Scalar energy can regenerate and repair itself indefinitely. Once the charge is implanted, you can keep it there with regular or repeated “charging”. Dr. Rustum Roy, Professor at Penn State University states that the QuantumPulse produces scalar waves which have been known for years to promote healing.

The QuantumPulse: This device contains a Multi-wave Oscillator (MWO), invented by Georges Lakhovsky, which is used to create frequencies in the infra-red and ultra-violet spectrum range. It also uses a Tesla coil to create high voltage and an electromagnetic field. Spectrum tubes containing noble and other gases are charged within this electromagnetic field. This produces biophotonic light. Biophotonic light is the pathway of inner cellular communication. The electromagnetic field is used as a carrier to transmit frequencies in a radius of approximately 6-8 feet around the machine.

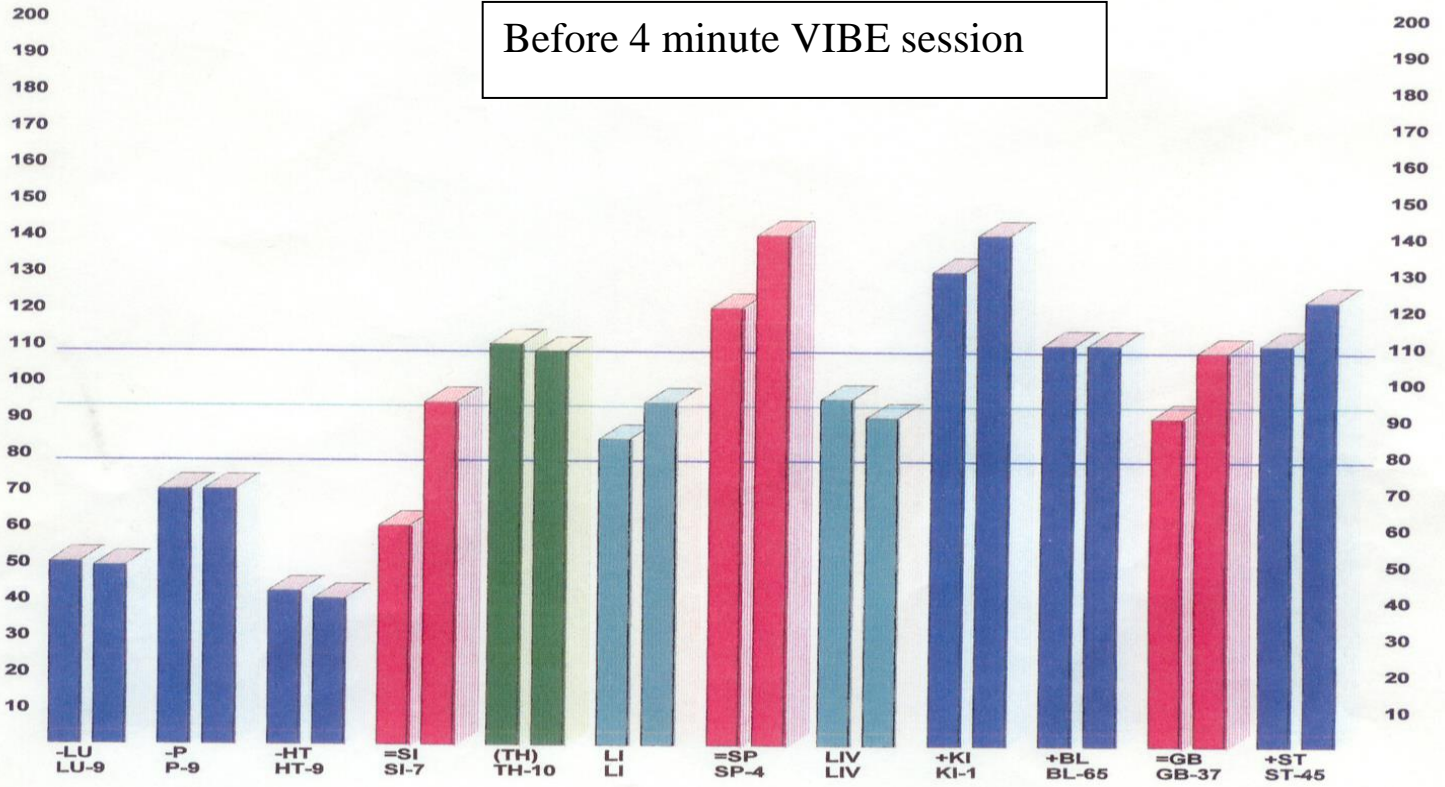
The QuantumPulse creates an electromagnetic field of .65 gauss. For comparison, the earth's electromagnetic field is .5 gauss, a refrigerator-magnet produces an electromagnetic field of 10 gauss, and an MRI produces an electromagnetic field of 10,000 gauss.

The QuantumPulse produces a 90° phase shift between electrical and electromagnetic fields. The base of the QuantumPulse is constructed of materials which block electrical fields but allow electromagnetic fields to flow.

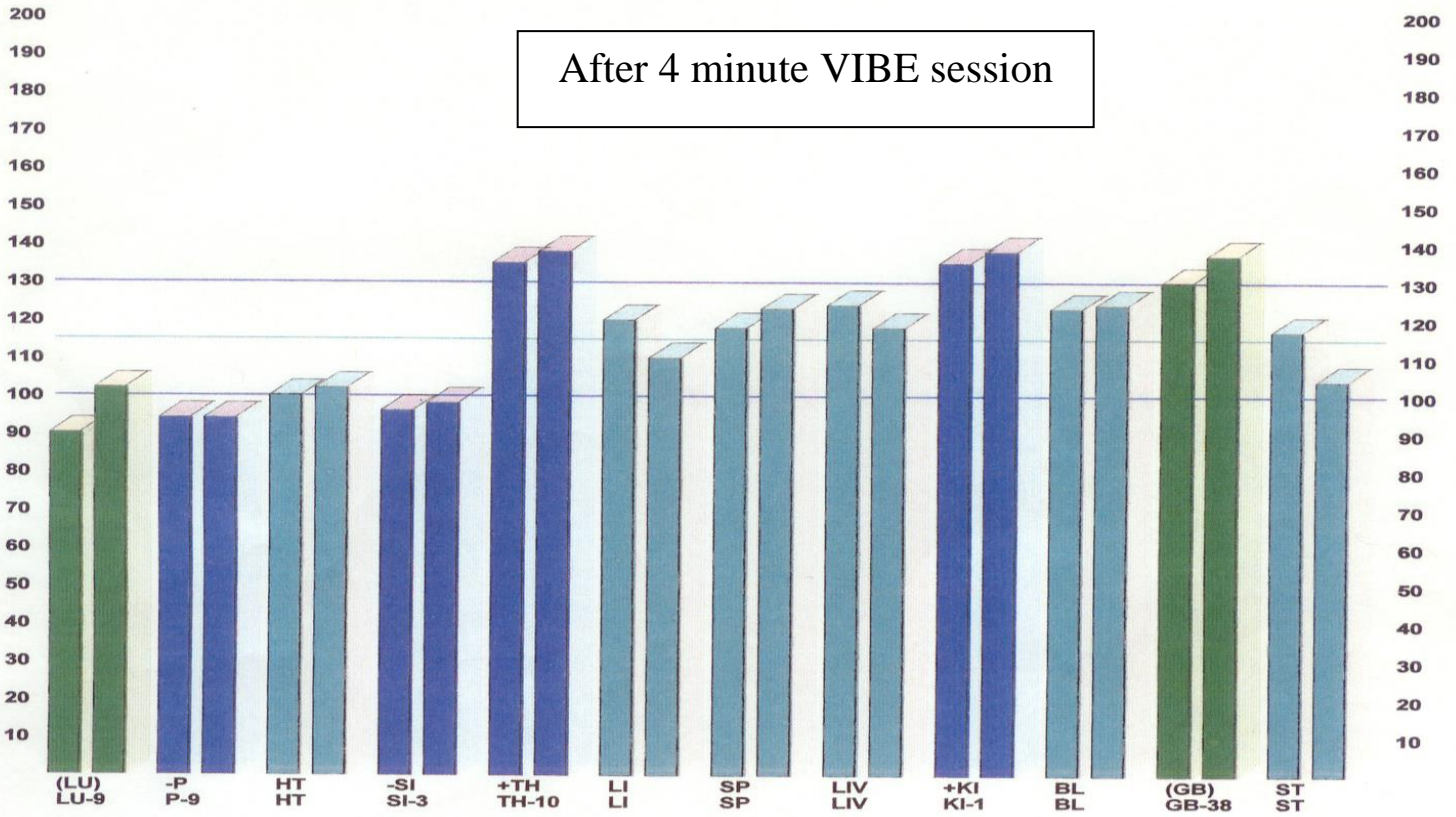
By sitting in front of the QuantumPulse for one to five-minute sessions, one can energize the cells and begin to realign and balance the physical, emotional, and spiritual systems, returning them to their natural "state of Being".

The following Electro Meridian Imaging (EMI) graphs illustrates the meridians of the human body before and after a 4-minute VIBE session.

Before 4 minute VIBE session



After 4 minute VIBE session



Electromagnetics & Related Inventors

Nikola Tesla was an electrical inventor. His work outlined striking and convincing similarities between the workings of electronics and the human body. He concluded that bodily tissues are condensers in a 1898 paper, *High Frequency Oscillators for Electrotherapeutic and Other Purposes*. The capacitance of body tissues are estimated to be between 100 – 300 pF. This is the relative permittivity for tissue at any frequency from ELF 10 – 100 hertz through RF 10 kHz – 100 MHz. It was believed by many prominent scientists that Tesla's high-frequency electrical currents brought about highly beneficial results in dealing with cancer surpassing anything that could be accomplished with ordinary surgery at that time.

Georges Lakhovsky was the inventor of the Multiple Wave Oscillator. The following is an excerpt from *Radiations and Waves, Source of our Life, Theory of Cellular Oscillation*, written in 1941. "I theorize that from the bath of electrical frequencies put out by the multiple wave oscillator each cell individually could and would select that frequency which is most needed to restore its equilibrium. All living cells are composed of two essential elements; the nucleus and the protoplasm in which it is bathed. This nucleus is itself composed of many tubular filaments: the chromosomes. In addition, hundreds of much smaller filaments or chondromes are present in the cytoplasm. Chromosomes and chondromes are sheathed in an insulating substance (cholesterine, resin, fat, plastrin, etc.) and contain a liquid-like serum with the same mineral content as sea water, and consequently a conductor of electricity. Thus, these filaments constitute ultramicroscopic oscillating circuits capable of oscillating electrically over a wide scale of very short wavelengths. I have demonstrated this in my works that these cellular oscillating circuits, chromosomes and chondromes, vibrate electrically under the stimulus of electromagnetic waves; cosmic, atmospheric and telluric."

Royal Raymond Rife developed protocol using frequencies produced by noble gases excited by electricity. When tuned to the exact wavelength or frequency of each organism, it is shown to possess the power of devitalizing disease organisms. In 1934 the University of Southern California appointed a special medical research committee to study 16 terminal cancer patients from Pasadena County Hospital that would be treated with mitogenic impulse-wave technology, developed by Royal Rife. After four months the committee reported all 16 of the formerly terminal patients appeared cured. From 1968 – 1983, Dr. Livingston-Wheeler, of the University of Southern California, treated approximately 10,000 cancer patients using Rife frequency instruments. Dr. Livingston-Wheeler reported an 80% success rate.

Antoine Priore used electromagnetic therapy in the 1960-1970's. Along with a team of French scientists, he demonstrated total remissions of terminal tumors and infectious diseases in hundreds of laboratory animals. Priore used a mixture of multiple electromagnetic signals in a rotating plasma and modulated the mixed output upon a very strong rippling magnetic field. Complete remissions of the treated diseases were realized, and the animals' immune systems were returned to normal.

Dr. Robert Becker was a pioneering Medical Doctor in the late 1960's and author of *The Body Electric*. Dr. Becker established the theory that the Chinese meridians of the body are skin pathways of decreased electrical resistance. He worked with Dr. Andrew Basset stimulating bone growth with significant success. Similar pulsed electromagnetic field signals have been used to effectively treat nonunion fractures, osteoporosis and arthritis in patients.

The following information was compiled by Dr. Henry M. (Jake) Johnston, M.D. He has provided a scientific background of electromagnetic energy used as therapy and its relationship and effect on the human body.

Living organisms are dynamic nonlinear systems whose states change over time. By definition, dynamic nonlinear systems are sensitive to even the tiniest factors. Dynamic systems imply a holism where everything influences everything else because every part is in some sense interacting with everything else (all other parts). This is the definition of a living hologram.

The body is a biological hologram. The body's cells are fast and furiously regulated through chemical signals, liquid crystal electronic connections, fiber optics and resonance. These mechanisms enable healthy cells to send and receive information and coordinate their activities with the other cells of the body. Cells exist within a holographic matrix where cells vibrationally and chemically communicate with other cells. Cancer and diseased cells operate out of the loop.

All matter vibrates. A fundamental property of all matter is that it vibrates with each atom and molecule vibrating at a characteristic frequency. All of the molecules of the body and their chemical bonds are constantly vibrating at a specific rate, which endows these components with the ability to both emit and absorb through resonance electromagnetic and sound energy. According to quantum theory, an entity, whether it is an atom or a molecule, simultaneously possesses both localized (particle) and distributed (wave) properties. When two waves come together, they interact with each other producing an interference pattern. This pattern is capable of holding information. The idea that vibrations are involved in the formation of structures is ancient. "Form is not other than Void; Void is not other than form (from the Heart Sutra)". Some writers allude to the idea that the original Sanskrit and Hebrew alphabets originated from patterns that emerged in sand when the vowels were vocalized. Hans Jenny, who did original work with sound vibrations in his book *Cymatics*, has shown that he could create patterns in granular materials that were placed on metal plates by use of sound. He found that through the use of a piece of equipment he named a Tonoscope vocalization of vowels would create these letters of the alphabet in sand. Jenny showed that oscillating energies endow matter with the capability of self-organizing into structure. Particles in solution organize into orderly patterns when subjected to sound waves.

John Beaulieu, in his book *Music and Sound in the Healing Arts*, discusses his conclusions about sound and matter. *"There is a similarity between Cymatic pictures and quantum particles. In both cases that which appears to be a solid form is also a wave. They are both created and simultaneously organized by the principle of pulse. This is the great mystery with sound: there is no solidity! A form that appears solid is actually created by an underlying vibration."* Beaulieu, John: *Music and Sound in the Healing Arts*, Station Hill Press, 1987.

Energy is involved in self-organization. If biological organisms can use and store energy, then they must operate by known physical principles and there must exist cellular structures that allow for the storage and utilization of energy. Biophysical research has determined that electromagnetic energy plays crucial roles in determining the forms, organization, and functions of biological structures through self-organizing liquid crystal molecules and through activation of biochemical reactions.

We know that electric fields cause alignments in dipole movements. When biological tissues are exposed to an electric field in the right frequency and amplitude windows, a preferential alignment of dipoles becomes established. Since the cell membrane contains many dipole molecules, an electric field will cause preferential alignment of the dipoles and may be one mechanism that creates altered membrane permeability. LC dipoles are acoustical and electrical transducers. Because water and many of the liquid crystal biomolecules in the body like proteins and cell lipids are electrical dipoles, they can convert/transduce mechanical or acoustic oscillations to electrical oscillations and visa versa. Disruption of the liquid crystal properties of these biomolecules will lead to electrical dysfunctions.

Cell membrane lipids and polymers, like proteins, hyaluronic acid, CT collagen, cytoskeletal, muscle, cholesterol and DNA are many of the biological molecules and structures that are liquid crystals and electronic semiconductors. They are optical-biophotons (generators and wave guides). Cell membranes and protein oscillators are antennas and resonators. Intracellular and extracellular proteins, DNA, and membranes are surrounded by polarized multi layers of water, which affect the configurational state, liquid crystal, and electrical properties of these components.

Liquid crystal cell membranes, intracellular and extracellular proteins and DNA possess electronic characteristics. They act as electrical conductors and biological resonators capable of both receiving and sending electromagnetic energy. The cell membranes contain a number of membrane proteins that connect the inner cytoskeletal fibers with the liquid crystal proteins of the extracellular connective tissue. This forms a continuum where the inside of the cell is hardwired to components outside of the cell allowing for seamless electronic (Oschman, 2000) and possibly fiber optic communication to all parts of the body (Haltiwanger, 1998). The cells of an organism are embedded in a matrix of organized water and most of the body's cells are hardwired into a holographic liquid crystal polymer continuum that connects the cytoskeletal elements of the inside of the cell through cell membrane structures with a semi conducting and photonic liquid crystal polymer connective tissue communication system. Special "linking" molecules (integrins) extend from the inside of the cell, through the cell membrane to form connections between the LC proteins of the extracellular matrix and the LC components of the cytoplasmic matrix. The linking of the internal electronic communication system of the inside of the cell to the external electronic communication system outside of the cell creates a global communication system that allows the body to function as a biological hologram.

The liquid crystalline continuum between cells and the extracellular matrix extends even into the LC interior of fixed tissue cells. Liquid crystallinity gives cells and organisms their

characteristic flexibility, and exquisite sensitivity to EMFs, which optimizes rapid electromagnetic intercommunication that enables organisms to function as coherent, coordinated biological holograms (Beal, 1996). As opposed to an incoherent “babel”. The liquid crystalline continuum can respond to certain external EM energies and many types of energy techniques and medicines.

Chemical, electronic and optical holographic cell communication is dependent on maintaining the health of the extracellular connective matrix and its structural and electrical connections with the cells. Glycoproteins that are anchored in the cell membrane form multiple interconnections between cells and the CT matrix, and facilitate communication (signaling) between the matrix and cell interior and vice versa.

Organisms are cymatic standing wave fields. Living liquid crystals act as wave guides creating complex self-organizing harmonic structures. Fritz Popp has postulated that biological information systems are based on a system of standing wave patterns that include all parts of the organism. Popp’s electromagnetic information system theory “...implies the existence of a standing wave field covering every living cell of the entire organism”. Schjelderup, V. *HOLOGRAPHY, BIOPHYSICS AND ACUPUNCTURE*, The Journal of Acupuncture in Medicine April 1986; VOL III No 1:20-23.

The DNA phantom effect was first observed at the Russian Academy of Sciences during experiments measuring the vibrational modes of DNA in solution using a laser photon correlation spectrometer. When a physical DNA sample was placed in a chamber and excited with laser radiation, an oscillatory energy field was produced. But when DNA is removed this oscillatory (standing) wave pattern will remain in empty space for days as long as the space of the chamber is not disturbed. (Dr. Vladimir Poponin)
<http://www.webcom.com/hrtmath/IHM/Research/DNAResearch.html>

Cells are not just bags of fluids with the enzymes floating around randomly. In fact, the enzymes of the cell are attached to an organized internal structure, “a cytoplasmic matrix”, composed of liquid crystal tubes, and filaments surrounded by organized layers of water (Oschman, 2000). This arrangement permits electronic communication and solid-state biochemical reactions to proceed by allowing transfer of electrical negative charges by electrons (-) conducted through semi conducting LC protein polymers or positive charges by hopping protons (H+) in the organized multilayers of water associated with the protein surface (Ho and Knight, 1998). Cells are organized by standing waves created by DNA and cell membranes.

Modern electronic devices are made of transistors, which are composed of semi-conductors, resistors, capacitors, etc. The connections of these various subcomponents allow electronic devices to process information. The liquid crystal biological oscillators/molecules of our body also possess these electronic capabilities enabling them to absorb (resonate to) and emit electromagnetic energy. The oscillations of biological molecules can, in simplistic view, be normal which equals healthy cells or abnormal secondary to structural changes which equals disease. Promoting a “healthy vibratory rate” may enable molecules to resume their proper

structure and function. Resonance energy transfer may in a sense promote changes in dysfunctional molecules toward a healthy state.

Healthy cells have a membrane potential of about -60 to -100mV. The negative sign of the membrane potential indicates that the inside surface of the cell membrane is relatively more negative than the immediate exterior surface of the cell membrane (Cure, 1991). When one considers the transmembrane potential of a healthy cell the electric field across the cell membrane is enormous being up to 10,000,000 to 20,000,000 volts/meter (Reilly, 1998; Brown, 1999). An electrochemical force is created across the cell membrane, which affects chemical exchange across the cell (Reilly, 1998). This moderates the transport of minerals, nutrients and wastes through the membrane and creates cellular and tissue electric currents. This affects cellular energy production and genetic expression. The cell membrane potential helps control cell membrane permeability to a variety of nutrients and helps “turn on the machinery” of the cell particularly in energy production and the synthesis of macromolecules. A healthy cell membrane potential is strongly linked to the control of cell membrane transport mechanisms as well as DNA activity, protein synthesis and aerobic energy production. The membrane potential of a healthy cell is \cong -70mV, the membrane potential of a cancer cell is -10 to -30mV. Dr. Merrill Garnett believes that an alternating current oscillating circuit exists inside of cells between the cell membrane and the DNA that is conducted over electronic LC protein polymers inside of the cell. This circuit is activated during differentiation to trigger the expression of genes (Garnett et al., 2002). If Garnett is correct, then it means that cells use their electrical properties to moderate gene expression.

Biofields, L-fields, electrodynamic fields, or morphogenic fields, are terms for the biophysical theory that living organisms are organized by fields. The theory refers to the concept that electromagnetic fields organize embryological development and guide the processes of regulation, repair and regeneration. The field in this theory is the matrix that shapes and regulates the organism. Inherent in the concept of a biofield, the organism responds to oscillating fields external to the body and emits oscillations (acoustical and electromagnetic) that can be measured. Health could be defined as coherence of coupled oscillations and balance in the flow of energy. Treatment could be defined as identifying and returning stuck, isolated, and pathological repeating cycles in the organism back to a state of energetic balance. A healthy biofield helps coordinate energy to maintain a state of health. Inductive fields, essential fatty acids, minerals, phytosterols and squalene can be used to increase cell potential (capacitance). A healthy, balanced diet and nutritional supplements also help to maintain optimal membrane structure and function. Bioenergetic, bioinformational, non-ionizing and non-thermal may exert measurable biological effects. These effects on biological tissues and cells are highly frequency specific and the dose response curve is non-linear. Because of this nonlinear effect, weak EMF's in the proper frequency and amplitude windows may produce large effects; beneficial or harmful.

In summary, if biological tissues and components of biological tissues can receive, transduce, and transmit electrical, acoustic, magnetic, mechanical and thermal vibrations then this might help explain such phenomena as biological reactions to atmospheric electromagnetic and ionic

disturbances such as sunspots, thunderstorms, and earthquakes, biological reactions to the earth's geomagnetic and Schumann fields, and biological reactions to hands on healing. Researchers have found that there are many biological responses to machines that produce electric, magnetic and acoustical vibrations (frequency generators). Medical devices that detect, analyze and alter biological electromagnetic fields are frequency generators. Techniques such as acupuncture, moxibustion, laser and LED (Photonic) acupuncture can result in healing effects and movement of Chi affect frequency. Body work such as deep tissue massage, Rolfing, physical therapy and chiropractic manipulation can promote healing through generating a change in frequency.

Ongoing Electromagnetic Research – U.S. National Center of Biotechnology Information; National Library of Medicine and the National Institute of Health

Effect of bioresonance therapy on antioxidant system in lymphocytes in patients with rheumatoid arthritis. Bull Exp Biol Med. 2002 Sep;134(3):248-50.

Low-amplitude, extremely low frequency magnetic fields for the treatment of osteoarthritic knees: a double-blind clinical study. Altern Ther Health Med 2001 Sep-Oct;7(5):54-64, 66-9.

Effects of pulsed electromagnetic field (PEMF) stimulation on bone tissue like formation are dependent on the maturation stages of the osteoblasts. Bioelectromagnetics 2002 Jul;23(5):398-405.

Effects of a pulsed electromagnetic therapy on multiple sclerosis fatigue and quality of life. Altern Ther Health Med. 2003 Jul-Aug;9(4):38-48.

Pulsed, non-thermal, high-frequency electromagnetic energy (DIAPULSE) in the treatment of grade I and II ankle sprains. Mil Med. 1993 Feb;158(2):101-4.

A portable PEMF device to enhance healing of recalcitrant venous ulcers: a double-blind, placebo-controlled clinical trial. Br J Dermatol. 1992 Aug;127(2):147-54.

Transcranial magnetic stimulation in the treatment of mood disorder: a review and comparison with electroconvulsive therapy. Can J Psychiatry 2001 Oct;46(8):720-7

Effects of static magnetic and pulsed electromagnetic fields on bone healing. Int J Adult Orthodon Orthognath Surg 1997;12(1):43-53.

Bone density changes in osteoporosis-prone women exposed to pulsed electromagnetic fields (PEMFs). J Bone Miner Res 1990 May;5(5):437-42.

Autoradiographic evaluation of electromagnetic field effects on serotonin (5HT1A) receptors in rat brain. Biomed Sci Instrum. 2003;39:466-70.

Cerebral use of a pulsating magnetic field in neuropsychiatry patients with long-term headache. EEG EMG Z Elektroenzephalogr Electromyogr Verwandte Geb. 1985 Dec;16(4):227-30.

Effect of weak, pulsing electromagnetic fields on neural regeneration in the rat. Clin Orthop 1983 Dec;(181):283-90.

Pulsed magnetic field therapy in refractory neuropathic pain secondary to peripheral neuropathy. Neurorehabil Neural Repair. 2004 Mar;18(1):42-6.

Resolution of Lhermitte's sign in multiple sclerosis by treatment with weak electromagnetic fields. Int J Neurosci. 1995 Apr;81(3-4):215-24.

Electrochemical therapy of pelvic pain: effects of PEMF on tissue trauma. Eur J Surg Suppl. 1994;(574):83-6.

Osteonecrosis of the femoral head treated by PEMF: a preliminary report. Hip. 1983::306-30.

Pulsed electromagnetic energy therapy in third molar surgery. Oral Surg Oral Med Oral Pathol. 1978 Dec;46-(6):748-54.