Frequency: The Medicine of the Future By Synthia Andrews

Using vibration as a healing practice has existed for centuries. Techniques include sound and color therapy, magnet therapy, homeopathy and even acupuncture. All are based on the belief in an underlying life force. They are often grouped together into the category of energy medicine. One technology, Frequency Healing, is gaining acceptance today after being an underground treatment for the past 100 years. The current changing of paradigm and advances in technology are providing the opportunity to improve this modality to create an important medicine for the future.

Shifting Paradigms in Medicine

Healing techniques are linked to the paradigm and technology of their time; the history of one is the history of the other. While every culture in the world has a name for life force complete with a philosophy to understand it and a method for utilizing it, life force has not been accepted in the current model of medicine. Frequency Healing was discovered at the turn of the 20th century, but a change in scientific paradigm was necessary before these ideas could be fully developed.

Einstein was at the forefront of this shift when he mathematically proved that energy and matter are the same substance, differentiated only by rates of vibration. The equation $E=MC^2$ not only changed physics, but the scope of this new vision changed the world we live in. In the words of David Bodanis, "From medical devices that detect tumors, to household smoke alarms, to the origin of the stars, to the death of the solar system, the $E=MC^2$ equation provides the short answer to our existence."(1) In the terrain of healing, Einstein's theory opened the door to a new description of health and illness, a description based on vibration and organizing fields.

Today's medical research is focusing on two new areas of exploration; bioelectromagnetics, the electrical and electromagnetic fields produced by living cells, and biophotons, the production of light by living cells. Einstein says all matter is vibration. The electromagnetic field produced by a cell reflects the frequency of its vibration. Recent studies show that the activity of stem cells, prized for their ability to differentiate into any cell type in the body, can be controlled by manipulating cellular electrical signals. (2) This opens the door to a new type of treatment for all disease processes.

According to quantum physics, light is the building block of matter. Biophotons are the light of life, the essence of a cell. Scientists are deciphering a cellular language based on light. (3) At Kiel University, research shows that the decoding of genetic information may in part be controlled by light. (4)

Light might well explain why *ACS' Journal of Physical Chemistry B* shows very clearly that "double helixes of DNA can recognize matching molecules from a distance and then

gather together, all seemingly without help from any other molecules or chemical signals." (5)

Medicine is asking the question, "Can the communicating and organizing field of health be related to electromagnetism and light?" The answer is the same as in ancient healing practices: the basic quality of life is energetic. Light holds the key to vibrational healing.

Historical records of different energy modalities are interesting in that they describe healing practices according to the science of their time. In the late 1700s, science was discovering magnetic principles; healing energy fields were described as magnetic. Franz Anton Mesmer discovered a healing technique that he predictably described as magnetism. His system of healing, Mesmerism, consisted of passing his hands in the region of space around a person's body where he described feeling attraction and repulsion as well as "unusual currents" which his method helped to balance. His experience and description are identical to that of other natural healing methods, only the science metaphors change. (6)

Dr. Abrams, the man who originally discovered the principles of Frequency Healing, lived in the midst of the big push to switch from gas to electrification. He described healing energy as an electric current. Researchers who arrived on the scene in the 1950s and the advent of nuclear physics described healing energy as radiation. Today, in light of quantum physics we describe healing in terms of wave-particle duality and holography.

Our understandings of healing energy are reflections of the paradigm of our times and the construct we created to organize information. The paradigm represents the parameters of the construct we created. As we gather more information, our understanding changes and we organize our worldview.

Quantum physics describes the world as holographic. In it, energy and matter are directed by the focus of the mind combined with the power of emotion and intention. The Superstring Theory proposes that everything in the universe, from galaxies to subatomic particles, is made up of microscopic strands of vibrating energy termed Strings. The deepest, most indivisible level of matter is patterns of vibration that provide form and property. Physicist Brian Greene explains that all of the different properties of particles that make up matter are "the manifestation of one and the same physical feature: the resonant patterns of vibration—the music, so to speak—of fundamental loops of string" (7).

From its inception nearly a century ago, Frequency Healing has been ridiculed and suppressed. The pioneers who pressed forward to bring it to the public were defamed. There are multiple reasons why. The idea of frequency healing refutes standards of medicine. Medicines first job is do no harm, so we can understand that the outlandish claims would be seen as quackery. Of course, it would also upset the huge financial machine called health care. However, the time is right and as a future medical technology, Frequency Healing may well offer better detection of illness, new treatment options, and importantly, put health options back into the hands of people.

Frequency Healing: What it is and how it works

Frequency Healing refers to a type of treatment developed in the early 1900s based on theories of resonance and vibration. It is a unique modality separate from other forms of vibrational healing such as sound or color therapy. The approach identifies the frequency of health and illness and seeks to amplify the first and diminish the second. Through the use of electromagnetic waves carrying signature frequencies that are used in very specific ways, the conditions that allowed disease to progress are changed.

The theory is that all matter vibrates at a particular rate, emitting a specific frequency that distinguishes it from all other matter. The specific frequency representing a particular item is called its signature frequency. This is not an esoteric concept: astrophysicists determine the atmospheric content of different planets by measuring frequencies emitted from the surface and comparing it to the spectro-analysis of various gases to find the match. In medicine, diagnostic machinery such as the electroencephalograph (EEG) and the electrocardiogram (EKG) are based on identifying changes to the normal frequency emitted by the brain and heart respectively. In addition, dentists use frequency probes to identify if the nerve of a tooth is dead or alive; chiropractors use frequency to detect proper alignment of vertebrae.

Frequency healing takes this basic identification process one step further. It has identified the signature frequencies of various viruses, bacteria, and diseases along with the signature frequency of healthy organs and tissue. Even thoughts and emotions have been identified. Disease is seen as misinformation; the body has moved away from health because of an error of information. Restoration is achieved through the use of a device that supplies an electric current imprinted with the desired frequency to the body. In theory, the result is restoration of the body's information system and a return to normal metabolic function.

Frequency can be applied to disrupt undesirable entities such as a virus or bacteria through a process of amplification, similar to the way an opera singer can break a glass. The glass resonates to a particular tone; amplifying that tone beyond the level of energy that the glass can absorb causes it to shatter. The same can be done to bacteria and virus by engulfing them with a frequency resonant with their own signature frequency at an amplitude beyond their ability to absorb. This type of frequency warfare is not considered to be a very advanced use of this technology, however. A more cohesive use is to use frequency to support health.

Optimal health can be supported by providing desired frequency at the desired amplitude. For example, if someone suffers a cold, rather than bombard the body with a frequency to disrupt the virus, a frequency would be supplied that supports the immune system. When the body resonates with this, it creates ideal conditions for health. The use of frequency for healing is the cutting edge of alternative health modalities.

Frequency is delivered to the body on an energy carrier that has been imprinted by a frequency generating machine. The carrier wave passes it via conductors to the person. Typical carriers are either electricity or radio waves. This sounds exotic; however energy

waves as information carriers are used all the time. Radios, cell phones, computer Wi-Fi; are all examples of using energy to carry information.

Another delivery method is direct resonance. In this method, physical contact with a conductor is not essential to treatment. It is similar to the way vibration is transmitted through space via the resonance of oscillating objects. Consider this musical example. When a harp string is plucked at middle 'C', it creates a vibration that resonates with all the 'C' strings of every octave and without direct physical contact they too begin to vibrate. The sound wave creates a resonant vibration in all other strings with the same harmonic, on the same harp as well as other instruments in the room. Using direct resonance, subtle energy is the carrier of the desired frequency and distance is no barrier to treatment.

Founders of the Field

The foundations of frequency healing began in the 1920s. The key pioneers were Dr. Albert Abrams, Dr. Ruth Drown, Royal Rife, and Dr. Hulda Clark. What these pioneers have in common is a strong scientific background, recognition, and scientific standing in their community until the moment they moved outside of conventional knowledge.

Dr. Abrams was an American internist, born December 8, 1863 in San Francisco; died January 13, 1924. He obtained an American medical diploma and a medical doctorate from the University of Heidelberg in Germany in 1882. He furthered his studies in London, Berlin, Vienna, and Paris. He was elected vice-president of the California State Medical Society in 1889 and made president of the San Francisco Medico-Chirurgical Society in 1893. From 1893 to 1898 he was professor of pathology at the Cooper Medical College, San Francisco. He resigned his professorship in 1898. By the beginning of the 1900s, he had become a respected expert in neurology and in 1904, became president of the Emanuel Polyclinic in San Francisco.

Abrams departed from medical orthodoxy when he made a series of startling observations. While performing percussion on the abdomen of patients, he observed that specific illnesses elicited a specific contrasting tone from a precise spot on the abdomen. Refining this use sound frequency allowed him to accurately diagnose illness (8). Further investigation revealed that the 'tone' elicited from an ill person could be "heard" through a healthy person if they were connected by a copper wire. Additionally, he found that simply connecting an ill person to their medicine via a copper wire was curative. To say this stretched medical credulity is putting it mildly!

Abrams claimed that all substances emit vibrations that can be detected and measured. He maintained that all human organs, diseased and healthy, transmit vibrations unique to that organ or disease. He theorized and verified that subtle emissions coming from human tissue may be numerically detected and classified (9). Using all the data he complied, Abrams created a system of diagnosing and treating illness which became the basis of Frequency Healing.

Abrams developed thirteen devices using copper wire, electrodes, resistors and potentiometers that claimed to detect vibrations and/or cure people through frequency application. Concurrently, at this time America was celebrating the great achievement of Buffalo, New York, becoming the first fully electrified city thanks to hydro-power from Niagara Falls. Naturally, Dr. Abrams ascribed the information being transmitted through his devices to be electrical in nature.

Dr. Ruth Drown, chiropractic physician, was the first to discover that Abram's treatments could be performed without the use of copper wires, electrodes and resistors. Born in 1892 in Colorado, she was a photographer in her youth and in her thirties she worked for the Edison Company where her intuitive understanding of the new radio technology blossomed. In 1923 she was exposed to the ideas of Dr. Strong who applied radio waves in the treatment of disease. Dr. Strong was a medical doctor and medical school professor of bacteriology. Drown established the field of Radionics by combining photography, radio technology and Abrams' theories. She devised equipment that could diagnose and treat long distance via vibratory rates with no copper wires, resistors or electrodes. Incidentally, she is also the first scientist to make cross sectional photographs of both soft and hard tissues of the human body, the precursor to CT scans. However, you will never see her name in a book of conventional medicine (10).

Royal Raymond Rife (1888-1971), was a contemporary of Drowns. Rife was an American who studied at Johns Hopkins University and developed technology that is still commonly used today in the fields of optics, electronics, radiochemistry, biochemistry, ballistics, and aviation. He received 14 major awards and honors and was given an honorary Doctorate by the University of Heidelberg for his work (11). He was an established member of the medical community until he proclaimed that cancer is caused by microbes.

While Dr Abrams made his discoveries through the frequencies of sound, Royal Rife discovered virtually the same information using light. During the 1920s, he developed a powerful microscope that he claimed could detect living microbes by the color they emitted. He developed the Rife Frequency Generator, designed to generate radio waves of the same light frequency as the microbes. Exposing the microbes to powerful bursts of light caused them to explode.

After building a series of extremely powerful high-resolution microscopes, Rife managed to isolate a virus which he demonstrated could cause cancerous tumors. He also found a radio wave frequency that would successfully attack and kill the virus. He obtained funding and sponsorship to run a landmark study in La Jolla, California in 1934. During the pilot study all 16 participants, people with advanced cancer and tuberculosis, were cured. Instead of running a larger study as the results warranted, Rife and his team were immediately attacked by the American Medical Association (AMA) and shut down before his treatment could be studied and made available (12).

Dr. Hulda Clark is the final early pioneer in the field. Clark began her studies in biology at the University of Saskatchewan, Canada, where she was awarded the Bachelor

of Arts, Magna Cum Laude, and the Master of Arts, with High Honors. She studied for two years at McGill Universit, and attended the University of Minnesota, studying biophysics and cell physiology. She received her Doctorate degree in physiology in 1958. She studied the principles of naturopathy at the Clayton College of Natural Health which offered a six-month study at home course. Six years later she developed an electronic device for scanning the human body and detecting and treating diseases through frequency. The device she created is called the zapper (13).

Medical Suppression

Although each of these researchers was a highly respected professional, as soon as they published findings that were at odds with conventional wisdom they were ostracized and labeled a quake. Research results have been suppressed, legitimate studies have been refused publication, research labs have been raided, and scientist thrown in jail (14). The same medical community that awarded prizes to Dr. Abrams censured him once he published his controversial findings. Ruth Drown was named "The Queen of Quack" and her career was dogged by AMA harassment. Royal Rife's lab was repeatedly raided, his instruments and research results destroyed when he was put in jail for practicing medicine without a license. Dr. Hulda Clark, at 72, faced lawsuits for practicing negligent medicine. She has been in and out of jail several times over the past 20 years. One has to ask, if it's all quackery, what is it that has everyone so afraid?

The tendency to isolate and ridicule anyone who disagrees with standard science continues. Consider the 2008 Nobel Prize joint recipient for the discovery of the link between HIV and AIDS, French virologist Luc Montagnier. In 2009, Montagnier published of a study titled *DNA Waves and Water* claiming to show that DNA produces extremely low frequency (ELF) electromagnetic fields and the electromagnetic waves can influence and organize nucleotides even though actual DNA is no longer present. Like Galileo and young Einstein, Montagnier was immediately cast into the arena of quackery by the same peers who awarded him the Nobel Prize (15).

The tendency to deny what we don't want to believe is not restricted to the past, or to particular groups of people. All of us want to exclude what we can't easily incorporate into our worldview. Changing paradigms, however, require that we stretch.

Theories and Mechanisms

Researchers interpret their results in light of the science of their time. Abrams and Clark interpreted their findings from the perspective of electric currents. Drown and Rife related the bio-energy they perceived to radio waves. Today's scientific foundation points to field theory for the mechanism of frequency healing. One such theory is that of morphegenic fields theorized by biologist Rupert Sheldrake in the middle of the 20th century.

His theory explains the mystery in embryology and zoology regarding the process of cellular differentiation in a developing embryo. DNA holds the blueprint for the organism. Every cell has DNA and therefore access to the entire blueprint. Different enzymes catalyze the transcription of specific portions of the DNA, but what determines the act of differentiation? What decides that this pleuri-potential cell will become the toenail while another becomes the brain?

In the 1940s Dr. Harold Saxton Burr, a neuroanatomist at Yale proposed the existence of an organizing field. He developed his theory after studying the electric field around plants and animals, particularly salamanders. He discovered that each salamander had an electrical field around it with an axis that was aligned to the brain and spinal cord. He saw the same axis in the field around the developing embryo, complete with a positive and negative pole. He tagged cells with dye and watched under a microscope while manipulating polarities. In this way he was able to determine that a surrounding field organized the developing embryo. Changes in the field preempted changes in differentiation (16). In this model, the energy field acts as an information template for physical matter. Burr called this a morphogenic field, or life-generating field.

British biologist Dr. Rupert Sheldrake furthered this theory to explain an anomaly of species evolution commonly called the 'Hundredth Monkey' effect. Sheldrake postulates the existence of a 'morphic' field that contains the combined developmental information collected by the experiences of a given species. Members of a species have access to this information through resonance of their individual field with that of the group mind, or morphic field (17). Information is stored as frequency and new information changes the frequency of the field.

Instead of radio waves, do morphic fields better explain Ruth Drown's long distance healing results? A field theory of frequency healing would suggest that introducing signature frequency into the energy field of an organism changes its organizing template and therefore state of health.

Frequency Healing Methods of Today

There are many different types of frequency devices on the market such as meridian measuring devices like the Voll acupuncture testing system, called EAV, that measure the charge at the end point of meridians. New frequency healing devices center on the interaction between our thoughts, emotions, and beliefs and their impact on our energy template. Several combine biofeedback with signature frequencies.

In the biofeedback-type machine, a computer program holds known signature frequencies for diseases, organs, thoughts, emotions, health states, viruses, bacteria, etc. Using either electricity or subtle fields as a carrier, the frequencies are introduced to the body in $1/100^{\text{th}}$ of a second intervals; not enough exposure to cause harm; just enough to measure its reaction. The biofeedback component of the machine measures the body's reactivity to each frequency and presents a read out of the body's reactions. The readout does not tell

a person what frequencies are present in his or her body; it tells which frequencies elicited reactions.

A person may react to a frequency for many reasons. For example, someone may react to the frequency of tuberculosis because either they have it, were exposed to it, are afraid of it, work in a tuberculosis clinic, developed a tuberculosis vaccine, or any other number of reasons. The fact that they react to the frequency doesn't tell us why; only points out that it's important. The job of the practitioner is to investigate the picture and define the areas needing attention. The machine is not diagnostic; it is indicative of directions to investigate.

In addition to providing diagnostic directions, the machines provide frequencies to promote healing and balance the bodymind. It directs the attention to emotional issues and as the person processes the emotions, it helps clear them from the biofield. The machine does not cure disease or heal emotional pain; it creates an optimal environment for self-awareness and self-healing.

Concluding Thoughts

One of the most exciting aspects of this type of device is that they train our minds to support our health. None of the frequencies that support health in the body are foreign to us; they are innate and organic. We are simply not aware of them. Frequency machines train us to use our minds to promote our health and wellbeing. We have a clear choice in front of us. We can accept the status quo and ridicule this technology that can help us or we can become masters of our minds and begin to creatively interact with matter using vibration.

Notes

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