



What is the Difference Between Blood and Tissue Electrification Units as per Bob Beck and units based on Frequency?

Bob Beck applied his genius to designing units that would create microcurrents of electricity in either blood or lymph and tissue. The research at Albert Einstein College of Medicine in New York that caught his attention in 1992 was based on applying a gentle level of electricity—50 to 100 mA (microamperes) to blood in a petri dish. When this current was applied viruses, bacteria, and other pathogens were neutralized so they could not attach to or enter the cells.

The original research intended that the microcurrents would be applied to blood while it circulated outside the body. Bob Beck designed a unit to apply microcurrents to blood in a noninvasive way, or without a surgical procedure—thus making this technology available to each of us. Beck's blood electrification specifications are designed to deliver the necessary microcurrents to the blood while wearing electrodes over the two arteries on the wrist. Alternating current is used in order to better penetrate the skin—the unit outputs from 27–31 volts. The frequency emitted by the blood electrification unit is 3.92 Hz which is one half of the earth's frequency of 7.83 Hz per cycle. Microcurrents rather than frequency is considered the reason the unit is effective.

All AC microcurrent units produce a frequency and all frequency units produce microcurrents. While the Beck units are designed for a safe and effective level of microcurrents, the frequency emitted may also be helpful.

Frequencies:

Everything, either animate or inanimate, is made up of atoms. Electrons or particles of energy rotate around the nucleus of atoms at particular energy or frequency levels. The movement of these atoms create vibrations. Even though these vibrations are often invisible to the human eye and ear, delicate instruments have been developed to measure them. We measure the speed or wavelengths produced by these vibrations as frequency. We are able to either see or hear frequencies only when the vibration produces sound in the audible range or light in the visible range. Sound has a lower frequency than light.

Georges Lakhovsky and Royal Raymond Rife are considered the forerunners of today's frequency research for health. Their reported use of frequency, however, differs. Georges Lakhovsky published his findings in the 1920's so we have a record of his work. He was successful in using frequencies to reverse cancers in plants, animals and humans. He reported, "The remedy in my opinion, is not to kill the microbes in contact with the healthy cells, but to reinforce the oscillations of the cell..." Lakhovsky's Multiple Wave Oscillator generated frequencies up to 150 MHz. Every frequency generates additional frequencies in a specific series above the original frequency. These are known as harmonic frequencies. Lakhovsky stated: "The main thing is to produce the greatest number of harmonics possible."

Rife was a contemporary of Lakhovsky. Most reports on the work of Rife indicate his efforts were directed to destroying the microbes associated with specific diseases. Records indicate he was highly successful in reversing diseases but he recorded only the settings he used and not the exact frequencies that destroyed specific pathogens. Ed Skilling, a noted frequency researcher, who studied Rife's work soon after his death, contends that Rife's frequencies were largely effective for the healing harmonics they produced—the same way in which Lakhovsky was successful.

Hulda Clark, a courageous modern-day researcher, initially developed a Zapper to destroy microbes. Hulda Clark states in her books that the Zapper's frequency output of 30 kHz or 30,000 Hz will kill a wide range of parasites, bacteria, and other pathogens. Other researchers have commented that the frequency of the Zapper is not capable of penetrating the body. Many people, however, report health benefits from using the Zapper—on themselves and on their pets.

So how might the Zapper work? If the frequency is not capable of penetrating the body, it may work as a result of the frequency travelling along the skin and stimulating the acupuncture points in the body. This can promote a wide range of healing—acupuncture is a very powerful method of stimulating the body to heal itself.

Microcurrents:

In 2002, research by Professor Henry Lai of the University of Washington indicates that microcurrents even though minimal may be effective. He used a Clark Zapper on leukemia cells in a laboratory culture. Lai reported the microcurrents produced proved safe on white blood cells while slowing the growth of leukemia cells. The results of this study are startling and indicate there should be a great upswing in research into microcurrent research. The Zapper indicates effectiveness with a microcurrent output of only 0.14 milliamperes. This is much less than units used in The Beck Protocol yet even this output proved to be effective in the laboratory.

While the Clark zapper is designed to output specific frequencies for health, the microcurrent output, although minimal, is probably contributing to the effectiveness of the unit as well.

Theory for Effectiveness of both Microcurrents and Frequencies:

Gary Wade, a physicist, has published several papers describing in detail his theory of how frequencies work to destroy pathogens in the body. Rife's legacy proved that every microorganism has at least one ultrasound frequency that destroys it. Wade describes how the construction of the protein coating on viruses and bacteria make this outer layer easily disrupted by mechanical vibrations. He explains this is why ultrasound vibrations are so effective in disabling pathogens. Once the outer protein coating is disrupted, the virus or bacteria loses its ability to attach to or enter a cell. Wade further explains how ultrasound frequencies acting on the skin, the ions in cellular water, and the cells cause the skin, cellular water and cells to generate a broad band of very gentle ultrasound frequencies. These gentle ultrasound frequencies produced within the body act to disrupt the protein coating on the pathogens. This means that a frequency that only acts on the skin is still capable of creating ultrasound within

the body to act on pathogens.

Wade explains that pulsed intense magnetic fields also work to create ultrasound frequencies in the body to neutralize pathogens. This offers another explanation for the effectiveness of the magnetic pulse generator that Bob Beck developed to create microcurrents in tissue. The magnetic pulse generator when used over lymph nodes, or anywhere on the body, induces microcurrents within tissue. Beck designed the unit based on the research that microcurrents neutralize parasites, viruses, bacteria and other pathogens. According to Wade's theories, pulsed magnetic fields may also be effective by creating ultrasound frequencies in tissue that destroy the outer protein coating on pathogens. (Sound frequencies above 20 kHz or 20,000 Hz are considered ultrasound.)

Whether it's microcurrents or frequencies that are neutralizing or disrupting the outer coating of the pathogens, the result gives our immune systems a better chance of clearing these pathogens from the body. The important point is the body heals itself. We're finding effective bio-electric tools to help the body do that. Microcurrents, as in the levels produced by the units developed by Bob Beck, seem to offer a more immediately powerful approach than frequencies. It is up to each of us to decide what we want to try. It is also important to remember that natural health therapies are meant to stimulate the body to heal itself. That means that what works for one person may not be the answer for another.

Adverse Reactions:

As pathogens die off, they must be eliminated from the body. If the liver, kidneys and colon are not working efficiently enough to get rid of the toxins quickly, one may develop flu-like symptoms. It is important to drink enough water to help flush the toxins from the body. It is best to start slowly so you don't overwhelm the elimination channels—especially with The Beck Protocol. It may be best to start blood electrification and/or magnetic pulsing slowly—only 20 minutes or less daily and gradually increase the time.

While many people report how either electrification or frequencies have helped restore their health, we think it is important to keep in mind that with every protocol there are a few that react adversely.

References:

"Curing Cancer with Ultra High Frequencies," George Lakhovsky, Radio News, February 1925.

"Low-intensity electric current-induced effects on human lymphocytes and leukemia cells," <http://www.drclark.net/news/lairsearch.htm>

"Exciting Possibilities in Pulsed Intense Magnetic Field Therapy—A Physicist's View" Gary Wade, Health Freedom News Aug/Sept 1998.