

REVIEW ARTICLE



EXPLAINING THE STIMULATION OF BONE AND CARTLIGE REGROWTH WITH WEAK ELECTRIC FIELD

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Abstract

The article explains the miracle of bone and cartledge regrowth when stimulated with very weak electric field. I spent 40 years of my life first photographing and then developing very sensitive equipment, which allowed me to measure the weak field of the aura. I found that this weak field rules and regulates everything in the body not with its strength but with the information it carries. Thus, I found the aura to be weak informational nonlinear electromagnetic field (NEMF). I also found that this field is emotionally sensitive. Since we say we are in high Spirit when experiencing positive emotions, which make our aura brighter, and we say we are in low Spirit when we experience negative emotions, which make our aura dimmer, I decided that our aura must be our emotional Spirit. Then I found that the ancient Jewish Cabala was teaching to the high priests that our aura is our Spirit. The NEMF of the Spirit self-regulates and self-organizes the body. Thus, the miracle of self-regrowth and self-healing cannot be explained unless we embrace the fact that we are symbiosis of a material body and Spirit NEMF, and the Spirit is the one that makes our body emotional, self-organized, and self-healing. Our incredible ability to adapt and adapting to evolve to new better-organized and best-adapted species comes from the Spirit.
Keywords: electric stimulation of bone regrowth, electric stimulation of cartledge regrowth, aura field, bioenergy field, self-regulation, self-organization.

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1 | INTRODUCTION

Dr. Robert Becker writes in his book: “The Body Electric” (1) that our mechanistic ap-

proach that once we know the parts we understand the whole does not work for living beings. Albert Szent-Gyorgyi said: “Biology is the science of improbable” and the Russian prominent scientist

Ivan Pavlov was very skeptical to tissue culture results and always considered the body as a whole indivisible unit (1). “Neurophysiology is the science discipline that comes closest to dealing with whole living beings, but even neurophysiology cannot explain the mystery of healing” (1). “The healing is a miracle that depends on the patient faith in the doctor. If the patient believes that the remedy would work, it usually does” [1] – it is called placebo.

My article about placebo (2) explains how placebo works. Placebo could be explained only by accepting the fact that all living beings are a material body and nonlinear electromagnetic field (NEMF) seen as aura. I spent 40 years of my life studying the field of the aura, which I found to be emotionally sensitive (3) and concluded that it must be our Spirit. (Recently, I found (4) that the Kabala for high priest was teaching more than 2,000 years ago that the aura is our Spirit). However, since the NEMF seen as aura turned out to be a very weak field, to be able to measure it I had to develop very sensitive equipment because it is 1,000 times weaker than the electromagnetic field created by the biocurrents of the body.

2 | THE MIRACLE OF HEALING

The miracle of healing is done through the waves of this weak informational NEMF. To give us freedom of choice, the Creators put in the Subconscious all that comes from the Spirit. We have a Quantum Computer in our Subconscious, which operates with the waves of the Spirit (the weak informational NEMF seen as aura) and this Quantum Computer is super-computer with very high speed of computation and huge memory storage. We know this from hypnosis – hypnotized people with sleeping conscious can calculate at least 10,000 times faster (5). We also

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know from hypnosis that the Quantum Computer has compact detailed three-dimensional record of the last lifetime, as well as previous lifetimes (6).

Let us go back to the research of M.D. Robert Becker described in his book (1). He firmly believed that our science (in the way it is now) “is not an adequate basis for medical practice”. He was convinced that our science is missing a chapter. This missing chapter is about “what unified an organism, making every cell subservient to the needs of the whole”, which made the “organism self-contained, self-directed, and self-repairing” (1). But to be able to “self-repair itself, the organism must know that it has been injured. In other words, the wound must hurt” [1]. To this I must add that the signal of pain must propagate fast, so that the repair could start as soon as possible. This could be done only with fast propagating waves and these are the waves of our weak informational NEMF seen as aura and called Spirit.

3 | THE HEALING WITH ACUPUNCTURE

I have a book published on Acupuncture (Modern Aspects of Ancient Acupuncture (7) and it is the only book that explains how acupuncture works. It all started with a mathematical model of acupuncture meridian, which I created. The mathematical model is nonlinear because the media is inhomogeneous – the acupuncture points are conducting ellipses imbedded in the semiconducting media of the tissue. Nonlinear equations have more than one solutions and my equation had two solutions – electric impulse and wave. Electric impulses were measured propagating from the treated acupuncture point, but waves were never measured. I bravely stated that according to my mathematical model waves must propagate from the treated acupuncture point – fast and slow waves (7).

Hungarian scientist showed interest to my predicted waves and one year later they reported they recorded waves propagating from the treated acupuncture point. The waves propagating on the surface of the body along the acupuncture meridians (which are chains of acupuncture points) are waves of our NEMF seen as aura and called Spirit. These waves

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allow fast reaction. Dr. Robert Becker writes: “place your finger on a hot stove, you feel the heat first and the pain appears a discernible time later, after the reflex has already drawn your hand away” [1]. The fast reaction of withdrawal is ruled by the waves of the NEMF seen as aura and called Spirit, the impulse of pain propagates through the nervous system. Without the presence of Sprit in our material body, we wouldn't be able to respond fast and we would be dead long time ago (7) .

Dr. Robert Becker had a NSF grant in the 1970s to study how acupuncture works, but the grant was cancelled after the first year regardless that they already had 4 articles published on the topic (1) . His question was: “what structure carries the current so as not to interfere with the nerve impulses?” To answer it he removed the nerve supply to one of the legs of the rats and found that the broken fibula of this leg regrew regardless – it just took a few days longer (1) . He also found that the delay of healing was missing after 6 days - something was repairing the cut nerves (1) . According to me, this something doing the repair was the NEMF seen as aura and called Spirit, which was 1,000 times weaker not to interfere with the nervous system. Indeed, the fields used by Dr. Robert Becker for bone regrowth were very weak – less than microamperes – and the weak informational NEMF of the aura (Spirit), which I measured, was that weak.

4 | ONLY VERY WEAK CURRENTS STIMULATE BONE AND CARTLEDGE REGROWTH WHICH PROVES INVOLVEMENT OF THE NEMF

Dr. Robert Becker found with his experiments with frogs that only very weak currents stimulate bone regrowth. He started with 50 microamperes and was gradually decreasing the stimulated current. He found that the best window for electrical stimulation of bone regrowth in frogs was 200 - 700 picoamperes (1) . He found that to repair the damage fast the cells dedifferentiate because the dedifferentiated cells multiply much faster and are free to cripple into the wound. He found that in regrowing bones,

the erythrocytes are the ones that respond to weak fields; they seem to reactivate the DNA, which trigger the dedifferentiation of the cells. Dr. Becker (and coworkers) also found that in the broken bone the DNA was now producing twice more red blood cells, which were later transformed into bone cells (1) . They found that very weak electric currents triggered the dedifferentiation, which proves that the weak nonlinear electromagnetic field (NEMF) (seen as aura and called Spirit) rules the process of cellular dedifferentiation and the regrowth. So, the Spirit seen as aura does the miracle of healing.

Dr. Robert Becker successfully treated arthritis knees with electrical stimulation of the knees with positive golden electrode stuck right into the space between the two bones. Considering the fact that 31 millions of Americans suffered of arthritis in 1987 (when his book [1] was published), he thought that this avenue should be thoroughly explored. However, this was not picked up. Dr. Becker also achieved cartledge regrowth in rats with electrical simulation using silver-platinum electrodes. The recovery was better and faster when implants were used (1) . Dr. Becker and coworkers also achieved successful regrowth of eye lens in salamander with electrical stimulation after the lens has been removed (1) .

5 | WEAK ELECTRIC CURRENT OR MAGNETIC FIELD APPLIED TO THE HEAD ANESTHETIZES A SALAMANDER AND PEOPLE

Dr. Robert Becker found that in anesthetized salamanders the head voltage drops. This led him to the idea that he should be able to anesthetize with appropriate weak electric current. He found that a minute of very weak current from front to back of the head of a salamander was driving him unconscious. The effect was much stronger when waves with a frequency of one cycle per second were added. Dr. Becker was also able to induce anesthesia with magnetic field applied to the brain's midline current. When the strength of the magnetic field reached 2000 gauss, delta waves appeared specific for anesthesia. At 3000 gauss, the EEG was only delta waves and the

salamander was in deep anesthesia motionless and irresponsive (1).

When the magnetic field was gradually decreased, the salamander regain consciousness fast with no side effects. When weak electric current was applied to the brain for anesthesia (instead of magnetic field), the regaining of consciousness was slow – for half an hour the salamanders remained groggy and irresponsive, just as after anesthesia induced with chemicals. The experiments, which Dr. Becker did on humans, showed that “the back-to-front current of the head varied with changes of consciousness, just as in salamanders. The current was strongest during physical or mental activity, declined during rest, and reversed direction during sleep or anesthesia” (1). These findings were in agreement with research finding of Russian scientists, who even created sleeping machines to induce sleep in people suffering from insomnia with appropriate weak electric currents.

Is the fact that the currents used for stimulation of regrowth are as weak as the NEMF (seen as aura and called Spirit) enough of an argument that our NEMF (Spirit) rules and regulates the regrowth and turns on and off our consciousness? Let us see how this agrees with the opposite directions of spinning of our NEMF (seen as aura and called Spirit) during the day and during the night (8). During the day, which is the active period, the men’s NEMF spins clockwise (like a vortex) and sucks energy in through the top of the head (as all vortices spinning clockwise do). The sucked energy will go downward on the back during the active daytime period. During the night, which is the time to rest and sleep, the men’s NEMF spins counterclockwise (like an anti-vortex) and releases energy through the top of the head (as all anti-vortices spinning counterclockwise do). By using an electric current in the direction of the energy flow during the night, we can facilitate the process of falling asleep.

6 | MEG AND EEG ARISE FROM DIFFERENT SOURCES

This is the conclusion Dr. Robert Becker reached after using MEG and EEG for many years in Syracuse [1]. To the same conclusion came Dr. Valerie

Hunt in California (9) after many years work with both EEG and MEG – she concluded that EEG measures the electrical activity of the nerves, while MEG record the activity of the biofield, and what she called biofield is our aura. According to my 40 years of research, our aura is emotionally sensitive NEMF and this is our emotional Spirit. The miracle of self-regrowth and self-healing is done by the NEMF of our Spirit, seen as aura and called Spirit.

7 | CONCLUSIONS

The article proved that the miracle of self-regrowth and self-healing cannot be explained unless we embrace the fact that we are a material body and electromagnetic field, which we see as aura. I found that the NEMF seen as aura is emotional and I claim that this is our Spirit. Recently, I found that the Jewish Cabala for high priest was teaching that the aura is our Spirit. I studied this field for 40 years and I found it to be nonlinear and being nonlinear it can imprint information. If so, our aura is nonlinear electromagnetic field (NEMF) with imprinted information of the personality to be. This information allows restoration (regrowth) when something is damaged and self-healing when germs have made it sick.

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