

Healing: Speculations and Suggestions Bio-Magnetic-Imaging: Healing Implications

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A new field of scientific investigation called bioelectromagnetics, involves the interaction of living beings with electromagnetic fields. A major area of development within it is in Bio-Magnetic-Imaging (BMI). This is an ultrahigh technology research and development effort designed to detect and display the dynamically changing patterns of magnetic field energy surrounding a living organism. The final display of the system will resemble a multicolored pattern of energy fields having the shape of the body being scanned.

The investigation of human energy fields with the BMI will allow us to objectively determine whether or not this type of energy, known to surround the human being, is at all related to what some sensitive people see or feel as "the aura". We fully anticipate that such detailed biomagnetic studies of the living human being will permit the color graphic display of the location of acupuncture meridian lines or channels of energy flow within the body not related to the nervous system. Some speculation exists whether or not such biomagnetic images will allow the visualization of more controversial energy centers called Cakras. A shielded room and the Bio-Magnetic-Imaging system are planned to be used to investigate the bio-magnetic correlates of alternative forms of healing such as touch therapy, acupuncture, chiropractic manipulation, rolfing, structural integration, massage, pressure point manipulation, etc. I have been doing some preliminary investigation of the very weak magnetic fields associated with touch therapy or "laying on of hands," passing the hands over specific parts of the body while focusing the mind. I invited trained practitioners of therapeutic touch and polarity therapy to be measured by a magnetic field sensor as they worked with clients. When the practitioners went to work, I detected distinct changes in the electromagnetic fields around their bodies. I replicated this four times but failed to replicate it three times.

These signals seem to have something to do with the alpha and theta waves we've seen in the brain. My theory is that the healers tune into their patients' electromagnetic field, then adjust their own currents to produce resonant patterns. When the two systems have the same fundamental resonant frequency, information is exchanged between them.

Research also planned will focus the Bio-Magnetic-Imager on normals and cancer patients to enable us to study differences in the body's energy field in health and disease. One of the major goals of this work will be early cancer detection.

Another potential application of this technology is to develop practical and clinically useful devices. One device is at the prototype stage, a transthoracic heart stimulator. Another device for controlling epilepsy has been conceptualized. We will capitalize upon the results of research which has shown that weak alternating magnetic fields are useful in speeding the healing of broken bones. Logical extensions of this

concept could guide this work towards the creation of instrumentation to allow the fusion of severed spinal cords potentially resulting in giving paraplegics and quadriplegics a chance to regain the use of their limbs. Further work along the same lines should ultimately result in an understanding of such fundamental biological processes as embryologic development and limb regeneration. If you have further questions regarding the projects or the activities of BMI, please feel free to contact me at: 4200 East 9th Avenue, Box C268, Denver, Colorado 80262.