

Newtonian vs. Einsteinian Medicine: The Evolution of the Science of Life-Energy

SOURCE: <http://newsgroups.derkeiler.com/Archive/Alt/alt.med.fibromyalgia/2006-04/msg00918.html>

- From: yinyangdragons@xxxxxxxxxx
- Date: 12 Apr 2006 19:14:30 -0700

Newtonian vs. Einsteinian Medicine: The Evolution of the Science of Life-Energy
By XXXXXXXX XXXXXXXX.XX.

We are indeed at a unique point in human history. New synthetic materials have been created which allow the creation of artificial joints and even mechanical replacements for organs such as the kidney and the heart. We have begun to develop ways of using lasers in surgery and angioplasty that go far beyond the reach of the simple scalpel. Technology has evolved to the point that doctors have even begun to design drugs by computers for ideal interactions with membrane receptors. And yet, in spite of these advances in technology, modern physicians still conceptualize the human body as a grand machine.

This commonly held viewpoint is the product of a 200-year-old model of the universe, otherwise known as the Newtonian worldview. Newtonian physics helped to bring order to the universe in the minds of early scientists. It provided a conceptual model for understanding the world and everything in it in terms of a supreme clockwork, with all component parts of the universe following orderly laws of action and reaction. It was also a way for scientific thinkers to separate religion from science in understanding the functioning of the human body, in that divine explanations for the nature of health and illness were no longer deemed necessary. Newton's laws were quite useful, but they were found to have extreme shortcomings when the new forces of electricity and magnetism were explored.

Eventually, it was discovered that the Newtonian model could be considered as a subset of a much bigger picture; the Einsteinian universe. Via his famous equation, $E=mc^2$, Einstein suggested that matter and energy were manifestations of the same universal substrate and that the two were interconvertible. The fundamental understanding of the Einsteinian model is that the subatomic particles which are the building blocks of all matter in the universe are, in fact, miniature energy fields. Over time, physicists have experimentally verified the wave/particle duality of basic subatomic particles such as electrons, as is evident from their description of electrons as wave packets. From the physicists' perspective, the universe is conceptualized in terms of interacting, interpenetrating energy fields; even the matter that composes the structures of the physical universe is made up of organized packets of frozen light.¹

Obviously, the world which we perceive with the physical eye is much different than the reality which has been revealed by the technological eye of science. It has taken more than seventy years for physicists to verify the predictions and implications of the Einsteinian model. Although physics has confirmed the energetic field nature of matter, most physicians have not yet integrated this understanding into their model of human biological functioning. Doctors still see the body as a sophisticated physical mechanism. And yet, the human form is composed of the same stuff of the universe. That universal material, as we now understand it, is woven together from orderly patterns of frozen light.

In the human body these aggregates of frozen light are, in turn, held in pattern by organizing energy fields which provide structure, and thus function, to the living whole.

The Einsteinian model of medicine sees human beings as molecular, cellular systems which are in dynamic interplay with a variety of organizing, information-bearing energy fields.² It is through an understanding of these organizing energy fields, the so-called "ghosts in the machine," which are superimposed over the "physical" structure of the body, that we may begin to consider the important influence of subtle life-energies upon the biocellular matrix of the human system.

By extending our model of human physiology to incorporate the interactions of subtle life-fields that orchestrate the patterns of cellular and organismic behavior, in concert with molecular biologic mechanisms, we open the door to new realms of diagnosis, as well as unique energetic approaches to therapy.

To some extent, we have already begun to see the introduction of purely energetic therapies into orthodox medical practice. The therapeutic use of radiation to treat cancer is well known. Electricity is now used in TNS devices to relieve pain and, experimentally, electrical currents have shown promise in treating certain types of tumors.³ Electromagnetic fields, therapeutically applied in the form of bone stimulators, have been shown to accelerate the healing of difficult fractures.⁴ More recently, in Poland, pulsed magnetic fields have proven efficacious in reducing pain and swelling and improving joint mobility in patients with rheumatoid and osteoarthritis.⁵ Lasers have grown in their importance as tools for correcting retinal disorders, coronary arterial blockages, bleeding esophageal varices, and as a cutting scalpel in different surgical procedures.

But this is only the tip of the iceberg. Physicians are using energy in medicine in growing numbers, yet they are still operating from the mechanistic Newtonian perspective of the body as a complex machine. By working from the Einsteinian medical perspective, it is possible to conceive of using different types and frequencies of energy to modulate the organizing life-fields that orchestrate the patterns of cellular behavior. By linking directly into the subtle energy networks of the human organism that create health or illness from an energetic level, doctors may begin to heal people with the subtle vibrations of different life-energies within nature.

Although they were unknown to Western scientists until fairly recently, there are various anatomical pathways of life-energy flow through the body which have been described since ancient times. From the Far East and India have come systems of diagnosis and healing which recognize the vital role of subtle life-energies in maintaining the health of the human organism. The Chinese describe a micro-tubular network of meridians that distribute vital "ch'i" energy from the environment to the deeper organ structures of the body. Health is felt to be dependent upon a stable, balanced flow of this vital energy throughout the body, which is said to provide a nutritive function to the cellular framework.

Acupuncture-related therapies attempt to heal illness by correcting imbalances of subtle life-energy flow through the meridians via specific types of stimulation to key points along these meridians. Whereas needling, finger pressure, and the burning of moxa herbs were the original methods known to therapeutically affect the meridian system, the introduction of electrical currents, various frequencies of sound,⁶ and even laser light⁷ to stimulate acupuncture points has been shown to be even more effective in healing illness.

Similarly, schools of Yoga in India have for centuries taught about the flow of life-energy into the body through a network of energy centers called chakras. Chakras are said to be energy transformers that process a type of environmental subtle energy known as "prana" and integrate this nutritive energy into the cellular framework of the body via thread-like connections to the major glands and organs of the body. It is said that imbalances in the flow of life-energy through the

chakras to the organs and cells of the body is a contributing factor to illness, and that interruptions of energy flow through this system may be related to emotional imbalances within the personality structure of the individual.

Until very recently, these life-energy systems were either unknown to, or disregarded by, Western scientists. However, pioneering research has lent credence to both Chinese and Indian models of subtle energetic physiology and function. French doctors have begun to map the acupuncture meridians with modern technetium scanning,⁸ verifying their existence, as well as their anatomical integrity, discrete from known nervous, lymphatic, and vascular channels. Similarly, in Japan⁹ and in the United States,¹⁰ electrical mapping of the chakra energy centers, on the skin and at a distance from the body, has provided new evidence to substantiate the existence of the chakra energy system.

As we are becoming more aware of the orchestrating field influences of vital life-energies, we are slowly rediscovering a new dimension of human physiology that has been missing from Western mechanistic models of human anatomy. The idea of human beings as closed, mechanical systems is gradually being replaced with the concept of living organisms as complex energetic structures in dynamic equilibrium with organizational, interpenetrating energy fields that originate from within, as well as outside ourselves. We are less separated from each other and our energetic environments than our limited physical senses once led us to believe.

We are indeed at a unique point in human history. As Einsteinian medicine matures and is slowly incorporated as a conceptual model to extend the outdated Newtonian framework, doctors will discover energetic ways to diagnose and heal illness that will both complement, as well as eventually surpass, existing mechanistic approaches and, in the process, may reintegrate science and spirituality in a new understanding of humanity's place in the universe.

1 F. Capra, "The New Vision of Reality: Toward a Synthesis of Eastern Wisdom and Western Science," in *Ancient Wisdom and Modern Science*, ed. S. Grof, (Albany, N.Y.: State University of New York Press, 1984), pp.135-148.

2 R. Gerber, *Vibrational Medicine: New Choices For Healing Ourselves*, (Santa Fe, NM: Bear & Co., 1988, 1996), p. 39.

3 S. Stavish and N. Horwitz, "Pioneering Cancer Electrotherapy," *Medical Tribune*, (March 11, 1987), p.1

4 "Healing Intransigent Fractures," *Medical World News*, (April 17, 1978), p. 32.

5 R. Rose, "Magnetic Pulses in RA: Less Pain and Mobility Gain," *Medical Tribune*, (June 3, 1987), p. 1.

6 I. Oyle and J. Wexler, "Acupuncture with High Frequency Sound: A Preliminary Report," *Osteopathic Physician*, (September 1973).

7 G. Playfair and S. Hill, *The Cycles of Heaven*, (New York: Avon Books, 1978), p. 281.

8 P. De Vernejoul et al, "Etude Des Meridiens D'Acupuncture Par Les Traceurs Radioactifs," *Bull. Acad. Natle. Med.*, vol. 169 (Oct. 22,1985), pp. 1071-1075.

9 H. Motoyama and R. Brown, *Science and the Evolution of Consciousness: Chakras, Ki, and Psi*, (Brookline, Massachusetts: Autumn Press, Inc., 1978), pp. 93-98.

10 "Electronic Evidence of Auras, Chakras in UCLA Study," *Brain/Mind Bulletin*, vol. 3, no. 9 (March 20, 1978).