

MEDITATION, ENERGY, LIFE AND SPACE

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Sometimes knowledge and wisdom do not go hand in hand, and a highly technical scientific approach may still have little significance. In contrast, papers in this issue, although technical, contribute significantly to our broadening base of knowledge and wisdom in the study of subtle energies.

In *Instrumental Response to Advanced Kinesiology Treatments In a "Conditioned" Space*, authors William Tiller, Walter Dibble and C. T. Krebs tested the possibility that, through previous subtle-energy investigations, a multiply-instrumented laboratory that had been "conditioned" to manifest a higher electromagnetic gauge symmetry state than a normal environment had assumed the capacity to very sensitively detect electromagnetic energy exchanges. Data streams from five instrument stations reflected highly treatment-correlated, large amplitude multiple perturbation responses simultaneously. The authors concluded that such a "conditioned" laboratory definitely detects subtle energy effects in a sensitive manner.

While much remains to be understood about various phenomena reported by this research group, as previously noted the series of articles they have produced, due to its programmatic nature, represents one of the most exciting contemporary developments in energy medicine. The repeatability seen in this work permits paradigmatic variation of conditions in a way that allows controlled study of underlying mechanisms. The article in this issue points to a new, sensitive detector whose operation is predictable within the confines of the theoretical framework being developed by the group.

Within a different type of theoretical construct, Philip Nicholson presents a provocative companion piece relating to his recently published article on meditation, slow wave sleep and ecstatic seizures. In *Empirical Studies of Meditation: Does a Sleep Rhythm Hypothesis Explain the Data?* Nicholson proposes that support exists within both advanced and less experienced meditators for a likely controversial hypothesis concerning a relationship between neurophysiologic observations of meditation and particular EEG sleep rhythms. It should be clear, that as the author notes, researchers typically attempt to separate data from relatively inexperienced meditators who readily drift off to sleep when they meditate from those who do not, yet if the author's hypothesis is correct, these safeguards may still not adequately recognize connections that exist for both these and for more advanced meditators.

When reading a mystery novel, it defeats the purpose to read the ending first to see "who done it" before reading the story, and can spoil the enjoyment and excitement. However in the case of the experimental paper by W. C. Levensgood and John Gedye, *Mechanisms Related to Charge Density Pulse Formation in Living Tissue*, it is suggested that the reader do just that. It may very well increase the enjoyment and excitement in reading a series of meticulously conducted experiments. In their Summary and Discussion, the authors tell us that in 1957 Albert Szent-Gyorgyi asked the question "how does energy drive life?" Relevantly, the authors have studied the biofield energy of cells in living plant tissue in carrots, and living animal tissue in human hands and pectorals, by means of monitoring electrodynamic field changes resulting from the Charge Density Pulses (CDP) which originate within the cells of the organism.

With respect to energy *medicine*, the authors point out that in human subjects, specific characteristics of the CDP waveform may be utilized to quantitatively determine pain levels; and that other characteristics of the response patterns can be correlated with psychological, emotional and environmentally interactive states of test subjects. The authors conclude that ". . . the CDP levels may have considerable potential as a tool for the study of Szent-Gyorgyi's problem 'how does energy drive life?' by providing access to quantitative aspects of fundamental bioenergetic processes in intact living systems." There couldn't be a more significant question for understanding subtle energy relationships to matter, life, and consciousness.

John DeLuca and Ray Daly effectively demonstrate what can be learned from the complex data collected from a single case with a highly technological approach in *The Inner Alchemy of Buddhist Tantric Meditation*. Advanced self-healing meditations that were practiced by a highly trained meditator to awaken emotional and spiritual qualities were studied electro-physiologically using very sophisticated analytic techniques. For example, 19 channels of quantitative EEG data were processed in several ways including low resolution electro-physiologic tomographic (LORETA) indications of three-dimensional brain areas active during specific tasks.

On the cover of this issue, Alex Grey shares with us his intuitive vision of the *Nature of Mind*. A more comprehensive view of this vision is found in the corresponding panels in the artist's own words on the inside back cover. This artwork is comprised of a progressive poem in seven parts accompanying paintings of seven panels representing our relationship to the nature of worlds that surround us inside and out. We Perceive and we Are, both Being and Becoming.

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