



New Trends
in Psychology

Study on Balancing the Centers of Consciousness in Sonoluminescent Therapy

Ionel Mohîrță¹

Abstract: The normal functioning of an organism depends on certain structures called chakras in oriental therapies and which were called by Carl Gustav Jung the centers of consciousness (1). The role of these centers is vital to human life. Sonoluminescent therapy includes several techniques for healing the human personality through sound and light, including the chakra balancing technique. The paper aims to establish the effect of the chakra balancing technique on some indicators obtained by measuring with the help of the crownscope, such as: the degree of opening of the chakras and the degree of light loading of the acupuncture meridians. Following the application of the technique of balancing the centers of consciousness for an hour a day, for 4 days and repeated measurements, the total unblocking of the acupuncture meridians and the increase in the degree of opening of the chakras resulted.

Keywords: Crownscopy; bioelectrography; centers of consciousness; quantum psych diagnosis

1. Introduction

1.1. DNA, Biophotons, Meridian System

The sonoluminescent therapy restores the balance of the systems responsible for the sonoluminous energy in the human being, cleaning and organizing the light matrix through the synergistic action of the human psychic and spiritual components.

Biophotons are electromagnetic signals that play a key role in the processes of cell development and differentiation, or else DNA can act as a photon store and coherent

¹ Senior Lecturer, PhD, Faculty of Behavioural and Applied Sciences, Specialization Psychology, Danubius University of Galati Romania, Address: 3 Galați, Blvd., Galati 800654, Romania, Tel: +40372361102, Fax: +40372361290, Corresponding author: ionel.mohirta@univ-danubius.ro.

radiator (Soh K-S, 2004). F. A. Popp suggested that the major source of biophotons would be DNA. The first supporting fact is that cells emit biophotons even when the cytoplasm is damaged, however when the nuclei are removed the emission of photons stops. Another supporting fact is that DNA destruction with ethidium bromide also reduces emission (Popp, Nagl, Li, Scholz, Weingartner & Wolf, 1984; Popp, 1998). In fact, red blood cells that do not have active chromatin are the only cells that do not emit biophotons. Popp's findings were later confirmed by eminent scientists such as Herbert Froehlich and Nobel Laureate Ilya Prigogine. Professor F.A. Popp (Popp et al., 2005) states that: "By means of infrared spectroscopy there is evidence of light channels in the body.

These channels follow the lines known in traditional Chinese medicine as "meridians". They occur in the range of 3.4 to 5 μm and rely on extraordinarily high optical coherence.

Diseases indicate the blockage of many meridians, and their causes are also varied, so we should be careful not to leave anything out or be deceived by names or specific indicators; instead, we should focus on holistic health improvement. We should try to clear all the blocked meridians and not just one of them.

1.2. Theoretical Aspects Regarding Consciousness

Consciousness was described by Stuart Hameroff, an anesthesiologist at the University of Arizona who in his experiments found that living tissues transmitted photons and that in certain areas of the brain there was good penetration of light (Hameroff, 1987). Hameroff observed that the microtubules in the cells of dendrites and neurons could be "light pipes," acting as photon "guides," transmitting these waves from cell to cell throughout the brain without any loss of energy. They may even function as tiny pathways for these light waves throughout the body (Lazlo, 1995). Kunio Yasue, a quantum physicist from Kyoto, Japan, has developed mathematical formulas that help understand neural processes. His equations showed that brain processes took place at the quantum level and that networks of dendrites in the brain worked in tandem through quantum coherence. Independently of Hameroff, Yasue and his colleague Mari Jibu, from the Faculty of Anesthesiology at Okayama University in Japan, also theorized that the transmission of quantum messages in the brain must occur via vibrational fields along microtubules in cells (Jibu & Yasue, 1992). Other researchers have theorized that the basis of all brain

function must be related to the interaction between brain physiology and the Zero Point Field (Laughlin, 1996). An Italian physicist Ezio Isinna, a member of the Association for Bioelectronic Research, who conducted experiments with microtubules, discovered that these structures have a signaling mechanism, thought to be associated with electron transfer (Isinna, 1996).

Eventually, many of these scientists who each seem to own a piece of this complex picture decided to collaborate. Pribram, Yasue, Hameroff, and Scot Hagan of McGill University's Faculty of Physics have developed a collective theory of the nature of human consciousness (Jibu, Hagan, Hameroff et. al., 1994). According to their theory, microtubules and dendrite membranes represent the Internet (and Intranet) of the body. Every neuron in the brain can simultaneously connect and "talk" to every other neuron simultaneously through internal quantum processes.

Microtubules help order discordant energy and create global coherence of body waves—a process called "superradiance"—then allow these coherent signals to pulse through the rest of the body. Once coherence is achieved, photons can travel along the light pipes as if they were transparent, a phenomenon called "self-induced transparency". Photons can penetrate the microtubule core and communicate with other photons throughout the body, inducing the "collective" cooperation of subatomic particles in the microtubules of the entire brain. If this is the case, it explains the union of thought and consciousness—the fact that we don't think about a lot of disparate things at the same time.

Through this mechanism, current becomes contagious, spreading from individual cells to aggregates of cells—and in the brain, from certain aggregates of neuronal cells to others. Superradiance along light pipes may explain a long-observed phenomenon—the tendency of electroencephalogram patterns to synchronize (Zohar, 1991).

Hameroff observed that electrons slide smoothly along these light pipes without getting "entangled" in their environment—that is, without settling into a single state. That means they can remain in a quantum state – the condition of all possible states – allowing the brain to eventually choose one of them. Here we find a good explanation for the manifestation of free will, free will. At any given moment, our brains are making quantum choices, turning potential states into actual states.

Italian physicists Del Giudice and Preparata supported Hameroff's theory with some experimental evidence that light pipes contain coherent energy fields within them (Hameroff, Jibu, et al., 1994).

All these observations gave rise to a heretical thought, which had already been expressed by Fritz-Albert Popp. Consciousness would be a global phenomenon, occurring everywhere in the body and not just in our brain. Consciousness, at its deepest level, would be coherent light.

Popp also stated that biophotons circulate along the path of the acupuncture meridians. Since the meridians are connected to the chakras in certain places, we set out to observe what happens when we act with the chakra balancing method, measuring the electron photonic field in the meridians and chakras.

2. Experimental Tools

Crownscope is a method to evaluate the Psychophysiological and Energy state of a person based on the analysis of crown discharge captured around the one's fingers in a high frequency electromagnetic field. Crownscope is carried out with "Crownscope" device. "Crownscope" works in the following manner. The patient's finger is placed on the transparent dielectric plate with conductive coating on the reverse side. Then pulses from the generator are brought to the electrode. These pulses create electromagnetic field around the examined object. As a result, crown luminescence appears around the finger. It is captured with the help of an optical system and a CCD camera and converted into video signals which are saved as AVI files in the computer memory, where the digital signal is converted into a two-dimensional dynamic distribution of the finger emission which corresponds to the patient's state. The output signal from the computer becomes an input for the data representation block where it is visualized as a two-dimensional dynamic image with certain geometric and brightness properties on a part of the screen. When compared to the sample image of a practically healthy patient the examined patient's state is determined.

2.1. Biophysics of the Crownscope Method

Emission of electrons and photons from the skin surface is stimulated with short (1 - 5 microseconds) pulses of electromagnetic field (EMF). According to the measurements taken with the help of the pulse oscilloscope equipped with memory, a series of electric current pulses (and luminescence) appears during the EMF pulse, each of them lasts for about 100 microsec. The pulse is developed due to the ionization of molecules of the gas environment because of the emitted electrons and photons. The drop of the pulse is explained with the charge of dielectric surface and the appearance of EMF gradient directed opposite to the initial field. When a series of stimulating EMF pulses with the frequency of 1000 Hz is created the emission processes are developed within the time of pulse duration. This time is not enough for the ion depolarization processes in tissues to develop, which is why the current appears due to the electron movement along the structural complexes of biological tissue in the pulse current flow. Based on this, we can conclude that the Crownscope method allows to judge the level of Energy reserves indirectly on the molecular level of structural protein complexes. Organ and neuro-skin relationships and local capillary blood flow in the skin are the main components that contribute to the type of the skin luminescence in electromagnetic field. Human's skin and nervous system share a common ectodermal origin. Nerve impulses, which come from the organs, change the functional state and the colloidal structure of the nerve fiber, then they are reflected in the periphery not only directly, but also because of the influence of the vascular wall on the electric potential, and through this fact they are reflected in the dielectric constant of the blood and lymph. As a result, a kind of "Flow of Electric Energy" is formed. It affects the properties of the skin which characterize the patient's physiological and psychological state. This becomes the dominant factor in the creation of the pattern of optoelectronic luminescence of skin. The fact that the patient can see the luminescence around their fingers raises more visual interest and appears a very attractive aspect of the method.

3. Experimental Design

The batch of subjects. The choice of subjects was made through voluntary participation and randomization in this experiment, respecting representativeness. It was aimed that in each group there is a proportional distribution by age. The participants were of Romanian ethnicity. The exploratory purpose of the studies was

made known to the subjects. The field of interest of the research was given by general human characteristics aimed at different categories of populations.

A sample of 30 subjects was chosen, aged between 25 and 64 years, of which 66.66% were women and 33.33% were men.

Independent variable: Chakra balancing technique

Dependent variables: Crownscopy parameters (chakra values, meridian values).

Experimental model: The experimental plan on dependent groups on the same group of subjects.

The method of investigation used: the method of visualization and analysis by computerized recording of optical radiation and human biological emissions stimulated by the electromagnetic field amplified by gas discharge.

Instrument used: Crownscope Device.

Data analysis: the results based on this experimental model are performed using the t-test method for repeated measurements. Data are processed and interpreted using SPSS.

For example, at Chakra Manipura the negative t-value (-3.6653) resulted, which indicates that the mean of the first variable (m1) is lower than that of the second variable (m2), where m=measurement.

The small p-value (0.0010) suggests that the difference between the two variables is statistically significant, and this difference cannot be explained by random variability.

Thus, we can conclude that there is a significant difference between the two variables, and this difference is in favor of the second variable.

3.1. Results

Both measurements resulted in increases in the subjects' chakra energy values as follows:

Muladhara	Swadhisthana	Manipura	Anahata	Vishuddhi	Ajna	Sahasrara
63,33%	73,33%	70%	66,66%	63,33%	66,66%	76,66%

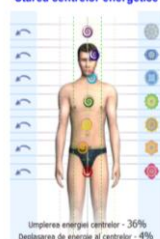
Crownsopy-Lab

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Crownsopy-Lab

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Starea centrelor energetice



Starea centrelor energetice



Both measurements resulted in increases in the subjects' meridian energy values as follows:

Lung	Stomach	Spleen	Bladder	Kidney	Pericardium	Triple heater
47,07%	58,82%	58,82%	52,94%	64,70%	76,48	58,82%

Gall Bladder	Liver	Ren	Du	Large Intestine	Heart	Small Intestine
64,70%	64,70%	70,58	52,94%	64,70%	41,17%	47,05%

4. Conclusion

The crownsopy method allows the recording of the most subtle changes in the energy homeostasis of the cells. The advantage of crownsopy also lies in the fact that the preclinical stages that precede the manifestation of the disease can be detected.

In the field of psychology, crownsopy performs the control and monitoring of the psychophysiological state of clients, the identification of energy-emotional problems, the ability to see and demonstrate the dynamics of changes in the psychological state before and after the effect of therapy sessions. It also determines professional suitability for the purpose of professional selection.

The Psychodiagnostic part of the device is represented in this experiment by 2 modules:

- Energy centers (Chakre- centers of consciousness);
- 3D meridians.

The Energy Centers module is intended to evaluate the productivity level indicator of human energy centers. The module allows viewing the models of these centers, evaluating their values and displacement. If the movement of energy between the centers is carried out without impediments, then this is a harmonious manifestation of mind, body and soul. If the energy field is within normal limits (the “green zone”) and energies are flowing in and out without impediment, then these centers will rotate clockwise. If one or more of these centers rotate counter-clockwise, it means that the harmony is disturbed, and as a result, the other centers are pulled out of balance.

Through the 3D Meridians module, the functional state of the energy meridians is visualized, corresponding to states of energy excess, norm and energy deficit, and the ability to compare indicators before and after exposure to corrective techniques.

After processing the data resulting from the measurements performed in the experiment presented above, the main hypotheses were validated as follows after applying the technique:

- unlock values of consciousness centers increased by an average of 68.57%
- acupuncture meridian unblocking values increased by an average of 58.82%.

So, increasing the flow of coherent light through these centers and meridians due to this technique can further aid psychophysical health through this balancing method.

It was also found that following the application of the technique of balancing the centers of consciousness for an hour a day, for 4 days and repeated measurements, the total unblocking of the acupuncture meridians and the increase in the degree of opening of the chakras resulted.

Thus, it is demonstrated that this technique, which is part of Sonoluminescent Therapy, is effective in restoring the flow of coherent light inside the centers of consciousness and the meridians, which leads to an increased psychoenergetic state of them.

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