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Letter to Editor

Advanced craniosacral therapy a combination of Quantum theories and Einstein's relativities

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Dear Editor

As I noticed, some obvious points are missed in recent correspondence in the International Journal of Osteopathic Medicine considering the mechanism and effectiveness of Craniosacral therapy. considering phenomena of Craniosacral therapy as a placebo and statistical regression won't be dismissed. The recognition of Mr. Maddick's that the present explanatory model is useless should be commended [1]. My own view is that Craniosacral therapy could be better understood and explained as a consciousness relationship and link between therapist and patient. I think the activated conscious, intelligence and alert field of the therapist's mind can cause regular geometric links between the H₂O molecules in Cerebrospinal Fluid (CSF) and optimized modification in Cranial Rhythmic Impulse (CRI) of the patient.

Based on our knowledge, the structure of water is not completely implied. We are wondering if we underestimate the significance of water in cell biology. Moreover, the investigation of this aspect is certainly reasonable. Water is really versatile. Szent-Gyorgyi (1975) termed water the "matrix of life". Its tiny molecules interacting with cells and molecules in complex, delicate and critical ways. In the human body, we are dealing with interfacial water, and it seems to interact with the protein function [2]. Thus, water "tunes" the way proteins, the fundamentals of life, are functioning [3]. Water appears to have a fourth phase as well as gas, liquid and solid; that's interfacial phase [4]. Studies suggest that water inside nanotubes seems to build "water cylinders" that allow protons to jump extremely fast [5]. Water molecules have electric, conductive and polarization properties. Polarization waves are possible,

and protons can "jump" along the collagen fibers much faster than electrical signals which can be conducted by nerves [6]. In the matrix network, the network of water molecules forms an extraordinary, and absorbing communication system. Water molecules build dipoles, and thus water flow means the flowing of energy and information [7]. Water has special features [8]. Water molecules are rearranged extremely fast [9]. Water molecules have ability to shift to the expanded and the collapsed form, without breaking the hydrogen bonds [10]. I think the consciousness field of the therapist's mind can make extraordinary links and orders between water molecules.

It seems that the releasing and relaxation of the therapist's mind during the Craniosacral therapy and lack of the resistance of his/her mind against the defective rhythm of the patient activate the consciousness. This consciousness field is able to modify the CRI in patient and have a positive effect on the CSF vibrations.

On the other hand, according to Quantum theory, observation will change the observed event. It means that releasing the therapist's mind and conscious observation can cause an optimized modification in the CRI rhythm of the patient.

The activated conscious field in the therapist's conscious mind can make constant numbers and really regular geometric links and the absolutely correct relationship between the H₂O molecules in CSF. My calculations suggested that these regular geometric links are made between the H₂O molecules in CSF based on Consciousness = $\varphi^2 m^4 c^4$ or



Consciousness = $\frac{\varphi^2 h^4 f^4}{c^4}$ formulae. It is worth noting that the above formulae are calculated based on the $E = mc^2$ (in relativity theory) and $E = hf$ (in Quantum theory).

According to Einstein, mass is considered as energy and energy is defined as fixed multiples of mass. It means that the energy of all particles with various masses correlates and connects to each other due to having a fixed speed of light (C^2), and because of a common constant number of light in the energy of all particles, very regular geometric links are made among their energies. Based on the above formulae, mass is considered as consciousness; and consciousness is a fixed multiple of mass. This means that consciousness of all particles (all different masses and frequencies) connects to each other due to having constant numbers of $\varphi^2 c^4$ or $\frac{\varphi^2 h^4}{c^4}$ and very regular geometric links are made among them.

Planck Quantum theory confirms that depending on the light frequency, the amount of energy for each Quantum of light is a constant number which means that energies of all light Quanta have very regular geometric links by Planck number (h). These constant numbers in Einstein's Relativity and Planck Quantum theory cause regular and unified links between different masses or Quantum energies with different frequencies. Accordingly, in the presence of the consciousness field of the alert and vigilant mind of the therapist during the Craniosacral Therapy, the conscious order and consciousness links are made among the H₂O molecules of CSF. Thus, the consciousness field of the therapist's mind converts different molecules of water with different masses or frequencies to the consciousness and awareness based on

$$\text{Consciousness} = \varphi^2 m^4 c^4 \text{ or } \text{Consciousness} = \frac{\varphi^2 h^4 f^4}{c^4}$$

formulae. Then, all of this consciousness will have a regular geometric link with each other due to having common constant numbers in the above formulae; it causes integrity among the consciousness segments of various H₂O molecules. Subsequently, these CSF water molecules which have become conscious, provide conditions and facilities that enhance bonding and regular geometrical relationships between particles and adjacent segments. This will increase their coherence and harmony and will also increase their awareness. That is, in the presence of the consciousness and intelligent field of observer's mind of the therapist, the patient's CSF water molecules first become conscious and then, by turning these molecules into consciousness and nothing, establish regular relationships between their adjacent particles and will also lead them to become conscious and nothing.

As Einstein stated that mass and energy are two different manifestations of a single unit and based on his equation, matter is the same energy and energy as matter or the matter and energy are defined interchangeably and he points out that it looks unfamiliar to the ordinary minds, I think mass, energy, and consciousness are three different manifestations of a single unit (the fourth one with a specific equation will be discussed in next articles).

It means that matter is the same as energy and consciousness, energy is the same as matter and consciousness, consciousness is the same as matter and energy. In other words, matter and energy and consciousness are defined interchangeably. There is a hope that this view and these equations cause the fundamental revolution and new attitude in the world and our understandings of it.

As the energies of different masses are correlated and linked regularly due to having C^2 , the consciousness of different masses (because of $\varphi^2 c^4$) or frequencies of H₂O molecules (because of $\frac{\varphi^2 h^4}{c^4}$) are in the accurate and geometric correlations with each other. Thus, the integrity among consciousness manifestation of different H₂O molecules is multiplied in CSF. This can increase the coordination and compliance between them and cause resonance in the consciousness level of water molecules of CSF. CRI rhythm will be integrated and unified.

The above equations confirm that the consciousness field and gravity of the therapist's mind is able to create paths and communication networks between the brain and spinal cord tissues in the patient through common constant numbers and orderly geometric relations between water molecules of CSF.

By modifying the CRI rhythm and synchronizing the CSF waves (according to the above theories), fascia mechanoreceptors, especially the Ruffini receptors or free nerve endings located in the walls of the dura and meninges channels, are skillfully stimulated.

In other words, in case of modifying and synchronizing CSF rhythms, Interoceptor Receivers located on the wall of these channels are accurately and orderly stimulated. Based on the possible two-way interactions between the autonomic nervous system and fascia tonicity, the stimulation of mechanoreceptors can have a positive effect on autonomous system settings [11,12]. On the other hand, stimulating these mechanoreceptors, located on the wall of fascial dura and meninges channels, can activate the interoception shortcut paths. For example, a newly-discovered acquired evolutionary path, called spinothalamocortical path, connect the Interoceptive sensations in the spinal canal (lamina I) to Insular Cortex [13,14]. The cingulate cortex has a complex relationship with Insular Cortex. They both create an emotional-motivational network for the limbic system. Sending the interoceptive stimulators to the Insular Cortex and limbic system through the spinothalamocortical direct and shortcut path causes emotions and motivations in this part of the brain [15]. It is stated that this model of Insular Cortex along with spinothalamocortical path is considered as the main center for integrating the body perceptions and mental processes [15]. I think the above path is one of the unlimited direct and shortcut paths designed to establish a unity between dimensions and different segments of the human being.

Considering the relations between limbic system with other parts of brain [16], fascia and autonomic system [15], it can be concluded that the consciousness gravity and field of observant



mind of therapist during Craniosacral Therapy can strengthen the integrity, correlation and exchange of information between these systems and different dimensions of patient's being by creating the conscious order and regular geometric links among water molecules of CSF and activating the neural interoception shortcut paths. Generally speaking, this can strengthen the connections between all tissues of the brain and spine, and all dimensions of a patient such as body, insula cortex, limbic system, soul or spirit, and mind. Then, this can increase the compliance and coordination among them and the resonance of consciousness and awareness levels of different tissues of the brain and spinal cord (craniosacral system). It has been suggested that the neural pathways related to interoception can be considered as a possible correlate for consciousness [13]. Therefore, given the above assumptions, the stronger relationships between the patient's CSF water molecules, the rhythm of CSF becomes more regular and balanced, leading to further stimulation of self-corrected and self-regulated cycles.

Consequently, the behavior of different tissues, connections and information exchange among them is affected by the open-mindedness of the therapist as an observer, the extent of this effect depends on the mental function of the therapist. Patient-therapist is a single set following a complete principle that differs from what Newton physic defines. According to Quantum physic, what is happening in the atomic world depends on the presence of an observer. As Quantum World defines, human thought is of great importance and the human mind is definitely controversial when talking about thought. Thus, the order in the observed particle is controversial when function and the type of presence of the observer's mind are taken into account. In my opinion, when the therapist focuses on the CRI rhythm consciously and stops trying, standing, opposing and interfering his mind to modify the CRI rhythm, consciousness gravity, intelligence and alert field of therapist's mind can create common constant numbers, conscious order and geometric links among water molecules of CSF based

on $\text{Consciousness} = \varphi^2 m^4 c^4$ or $\text{Consciousness} = \frac{\varphi^2 h^4 f^4}{c^4}$.

Accordingly, consciousness gravity with creating completely accurate relations and consciousness links among them integrates their contact, increases the balance, coordination, and compliance and also cause resonance in consciousness. The level of their consciousness, dynamism and purposefulness increases.

All the above constant numbers, links, and geometric relations are seen in the observed particle when (or if) the observer's mind is out of distraction and bias. In this regard, the mindful and managing segments of the observer's mind are active and activate the smart and consciousness field of the observer's mind. Then, this conscious field makes the constant numbers between space-time dimensions in the observed particle. Otherwise, the unconscious and resistance segments will be activated when the observer's mind is not released or the observer is biased and struggles for resistance, opposition, and intervention. These resistance segments are unable to create constant numbers, conscious order and regular geometric relationships among the dimensions of observed particles.

I think, for this reason, it is stated in Quantum physics that the order in the observed particle is controversial when function and the type of presence of the observer's mind are considered. It depends on which consciousness and managing segment of the observer's mind is active or the unconsciousness and resistance segment of his/her mind, the order and links between elements and observed particles dimensions will differ. It means that there will be a conscious order and links in observed particles based on the above formulae when the consciousness and managing segments of the observer's mind are active.

As mentioned above, the behavior of different tissues and the information exchange between them are affected by the type of presence of the therapist's mind as an observer and the extent of this effect depends on the function of the therapist's mind and attitude. Consequently, the releasing of mind and mindful attention and lack of resistance and intervention of the observer's mind during the observation creates the common constant numbers between dimensions and elements of observed particle. It causes the implementation of geometric orders such as fractal order, Quantum order, and conscious order in observed particles. Conversely, activating the resistance and unconsciousness segments of the observer's mind prevents the creation of such geometric orders in observed particles.

The above equations show that conscious order is much more supernatural and wonderful than Quantum order. It means that if, in Quantum order for example; particles link to each other due to the constant number (h), in conscious order, these constant numbers are more accurate and cause more orderly and unbelievable links between particles with different masses and frequencies. This causes more information exchange, integration, and harmonization between them and a dramatic increase in the consciousness level. The extremely strong and orderly link between them converts them to consciousness (nothing) and can lead them to fundamental information. By accessing the fundamental and primary information, self-healing and self-regulatory mechanisms and processes will be activated in patients and restore the damaged tissues and cells.

In this regard, the consciousness attention and mindfulness of the therapist as an unbiased observer can lead the patients' particles and tissues to the fundamental information and increase their recognition and understanding of this information.

Then, these tissues and particles can access all procedures and required messages for restoration and regulation of themselves by achieving the base (nothing) and recognition and understanding the information in it. According to the above theories and explanations, if the therapist's mind intervenes and resists during treatment, it will activate the unconscious and involuntary segments of the therapist's mind. For this reason, regular geometric links links such as fractal, Quantum and conscious order are not formed between particles, cells, and tissues of the patient's body. fundamental information can not be available and the activation of this information will be impossible.



Finally, it is worth noting that although scientists are shocked by Quantum physics and wondered by the Quantum rules and relations among particles, we are about to enter a new stage of understanding the true nature of the universe and all particles. This is a stage where makes us familiar with the new image and different manifestation of mass and energy. The physical rules of this section (consciousness) are undoubtedly exclusive and differ from the rules on matter and energy segments. The consciousness field of observer's mind is able to create very precise constant numbers and completely regular geometric relations between the elements of each particle and also different particles and can convert them to consciousness through making compliance and balance between time-space dimensions in every single particle or each combination of different particles. For this reason, the consciousness segment of particles does not have the same limitations as matter and energy segments. Conversely, this segment provides us with the direct and shortcut conditions and facilities to access the primary information and programs.

It is sensible that the universe is going to discover the new rules and an incredible understanding of the relations between particles. The rules able to explain why molecules of the organic bases are not considered living but DNA molecules formed of molecules of the organic bases are living. Or although atoms and fundamental particles in human body are the same as those of the stones and other elements in nature and these atoms construct the blocks of universe, these rules are wondering why the human is the living creature and can ask questions about the atoms and seek to discover the structure and function of atoms and sub-atom elements, but the stones are not living and can not ask these kinds of questions?

I think the Craniosacral Therapy in which the therapist releases his/her mind during the therapy and plays the role of a neutral observer which I call it Advanced Craniosacral Therapy or Consciousness Therapy, tries to enter the views of Quantum physics and Einstein's Relativities to biology and medicine. This method introduces the updates on biology and medicine which can embed the newly-made physics viewpoints. In other words, the activation of the consciousness field in the observer's mind is caused by his/her observing mind. This field is able to create links and regular geometric relations between time-space dimensions (based on Einstein's Relativity) of the observed particle by constant numbers (based on Quantum Theory).

Thus, the dimensions are extended qualitatively and drew to zero quantitatively. The compliance and balance among the dimensions increase and new paths and networks are made between them. This converts the observed particle to consciousness. In Einstein's Relativity theories, the observer plays a major role in shortening the quantity of dimensions and extending their quality. According to Einstein's Relativity theories, the observer plays an important role in matching the time-space dimensions and can lead them toward the fundamental and primary origin by strengthening the coordination and links between dimensions.

Thus, it is concluded that the consciousness field of alert mind of the observer is able to make an accurate relationship among rules of Quantum physics and Einstein's Relativities; and it can access the data sources (nothing) of observed particles by unifying and integrating these rules.

It is worth noting that Einstein believed that the universe is working orderly and there is not any disorder in it. This belief urged him to believe in a unified theory which embeds all known forces such as Electromagnetic, gravity, weak and strong nuclear forces.

During his lifetime, he tried to discover his given unified theory. In my opinion, the consciousness field and gravity of the observer's mind is the same as the unified theory which is able to include all known forces and fields and make a regular relation among them by creating constant geometric numbers.

Accordingly, the integrity, compliance, and cooperation between rules and theories in these fields and forces increase. This means that the smart field of the observer's conscious mind can juxtapose all known fields and forces (and all the dimensions of time-space) in the observed particle and strengthen the relationship and information exchange between them. Thus, all fields and quadruple forces will be resonated and this increase orders and balance in these fields and regulates nuclear order, Quantum order, and gravitational order.

To my belief, this happens during advanced craniosacral therapy. The smart gravity and conscious mind of the therapist juxtapose all known fields and quadruple forces in the patient's being and strengthen and intensify each of them. For this reason, it can increase the balance and coordination between their rules and theories. The compliance and coordination among different orders such as nuclear, Quantum, gravitational and fractal orders increase in all dimensions and segments of the patient and lead to the emergence of extraordinary order called consciousness order. Then, the basic information will be accessible and activated in different segments of the patient's body.

Thus, consciousness order is more surprising and seducing than the Quantum order. Because this order is supposed to answer questions and make clarifications so that the Quantum order alone is unable to give complete and precise answers.

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