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Highlighting the Psycho-Quantum Mode of Psycho-Therapeutic Action for Improving the Specific Human Quantum Field Parameters

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Abstract

The specific psychotherapeutic intervention in altered states of consciousness (ASC) using QDP Psycho-Quantum Therapy (Quantum Deep Psychotherapy) causes a somatic and psycho-emotional balancing. Highlighting the temporal evolution of the dependent variables corresponding to the somatic psycho-emotional state after applying the QDP technique in a single session, measured with the GDV equipment at the baseline of the study, for two participants.

Keywords: Quantum Deep Psychotherapy; GDV; altered states of consciousness; QDP;

1. Introduction

The mental processes aiming unconscious personal construction in what we call implicit emotional memory can produce different symptoms manifested in all plans of existence. In psycho-quantum therapy in the first instance, a change that transforms takes place and aims at those mental processes generating symptoms, those unconscious personal constructions from implicit emotional memory and, subsequently, a selective depotentialization of these concepts occurs, stopping the production of symptoms. Neuroscientists have found that depotentialization of the synapses that encode memory is accompanied by concomitant disappearance of behavioral responses caused by the memory (Bailey & Kandel, 1993). Simultaneously with the elimination of the symptom generating constructs their related neural circuits are deleted as well and thus new circuits and constructions are created by the phenomenon of neuroplasticity - synaptic changes and subjective attention emerges as a critical agent of change (Ecker & Toomey, 2008). This action is an altered state of consciousness, a

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specific state of knowledge (Singer & Salovey, 1988), which involves living a personal reality quite different from the daily conscious, (Tart, 1972).

The purpose of this research was to identify the ways in which applied therapies to subjects results a higher degree of existential integration when using psychotherapeutic techniques in altered states of consciousness (ASC). It is also aimed to highlight a specific psychotherapeutic action, applied to improve specific human quantum field parameters, being able to demonstrate that the psychotherapeutic intervention in altered states of consciousness (ASC) using QDP Psycho-quantum therapy (Quantum Deep Psychotherapy) causes a somatic and psycho-emotional balancing.

2. Objectives

2.1. Identification of the QDP technique influence on the somatic and psycho-emotional state, measured with GDV equipment.

2.2. Highlighting the temporal evolution of the dependent variables corresponding to the somatic psycho-emotional state after applying the QDP technique in a single session, measured with the GDV equipment at the baseline of the study, for two participants.

3. Hypotheses

QDP psycho-quantum therapy significantly influences the results obtained by measuring the parameters of the human quantum field with Bio-Photonic sensor (GDV).

Specific hypotheses were issued for the dependent variables: field area, normalized field area, average intensity, form factor, and the average radius of isolines corresponding to the somatic and psycho-emotional states.

4. Method

4.1. Participants

The study group was composed of 38 subjects, men and women (M = 38.4 SD = 2.87) and two subjects (one woman and one man) participated in the study with repeated measurements conducted for 1,200 hours.

4.2. Apparatus and instruments

The devices used for determining electro-photonic stimulated emission were GDV Camera Pro and the device for human quantum field state highlighting AV 5.1. The GDV device measures the human quantum field parameters using the Kirlian method and the AV 5.1 apparatus determines the same field characteristics through electro-dermal response and hand temperature measurement. For data analyzing we used SPSS 20, Excel 2010 and GDV Scientific Laboratory programs.

4.3. Working procedure

At the beginning of the research, the quantum emission parameters, biological and optical stimulated by electromagnetic fields were measured using the GDV device, for all participants. The action was repeated within two hours after applying the psychotherapeutic techniques. For the two participants in the study with repeated measurements personal electro-dermal parameters measurements were made with the AV5.1 device at intervals determined by the Fibonacci series, which is defined by the following recurrence formula:
$F_0 = 0, F_1 = 1$ and $F_i = F_{i-1} + F_{i-2}$ for $i \geq 2$, and set terms of the form $\ldots 0,1,2,3,5,8,13,21$.

Fibonacci series was chosen to mark the sequential intervals of the measurements, because the defined
number’s recurrence characterize the phenomenology of the biological system growth (Douady & Couder, 1996).
The psychotherapeutic intervention lasted 15 minutes for each subject, using QDP therapy.

4.4. Experimental design

The experimental design used was one using repeated measures before and after the application of the QDP
technology. The independent variable was represented by the QDP psychotherapeutic technique.
The dependent variables describe the psycho-emotional and somatic states of the subjects participating in the
research: quantum field area, normalized quantum field area, average intensity, form factor, and the average
radius of isolines, all measured with the GDV device.

5. Results

After applying these statistical tests we revealed that some variables are normally distributed and some are
not. The fulfill condition of normality is based on the fact that $p > 0.05$.

Some histograms representing the distributions of the values of the dependent variable corresponding to the
somatic and psycho-emotional state are shown below.

![Histograms representing the distribution of the values of the dependent variables](image)

5.1. Testing the hypotheses

The applied statistical analysis ($t$ and Wilcoxon tests) for the dependent variables corresponding to the somatic
state, quantum field area, normalized quantum field area, average intensity, form factor, and the average radius of
isolines show that there are no statistically significant differences ($p > 0.05$) after QDP therapy application.

For the psycho-emotional state the averages of the group before and after QDP therapy show that there are
statistically significant differences for the variables: quantum field area $(13741.4 + /-2563.5 <15009.25 + /-
2534.93 t (37) = -4.38 p = 0.000 <0.05)$, normalized quantum field area $(1.71 + /-0.54 <1.90 + /-0.64 t (37) =
-3.75 p = 0.000 <0.05)$, mean radius of isolines $(12.63 + /-3.19 <14.03 + /-3.15 t (37) = -4.15 p = 0.000 <0.05)$,
while for the dependent variable average intensity the hypothesis was not confirmed ($p = 0.417 > 0.05$). The
application of non-parametric Wilcoxon test for the dependent variable form coefficient corresponding to the
psycho-emotional state, shows that there are statistically significant differences $(Z = -3.83 p = 0.000 <0.05)$ after
applying the QDP therapy.
Descriptive statistic for dependent variables of the study with repeated measurements:

![Graphs showing the temporal evolution of quantum field area](image)

**Fig. 2.** The temporal evolution graphic for the dependent variable quantum field area

We note that, in the first step (the first ten hours) the values of the quantum field area corresponding to somatic state (red route) decrease, while the values of the same variable for the psychosomatic state increase (blue route). After this period, the values of the variable quantum field area varies in phase (increase and decrease simultaneously) for both states, somatic and psycho-emotional. The same behavior appears for the dependent variables normalized quantum field area, average intensity and average radius of isolines.

In the first ten hours, the values of the form coefficient corresponding the quantum field for the somatic state (red path) increases, while the same variable values for the psychosomatic state decrease (blue route). After this period, the values of the form factor of the quantum field variable varies in phase (rise and fall simultaneously) for both states, somatic and psycho-emotional, for both subjects.

**6. Discussion**

Of the five variables corresponding the general hypothesis 1 studied for the psycho-emotional state, only one - the average intensity of the quantum field has no statistically significant effects, but the other four had different statistically significant values, confirming that QDP psycho-quantum therapy is effective. It should be noted that the measurement of the variables was performed a few minutes before and immediately after therapy.

Also that fact that for the somatic state none of the dependent variables revealed significant effects could be explained if we consider the longitudinal study. This study shows the time evolution of the dependent variables above, showing how the therapeutic technique works. At the somatic level, in the first 10-20 hours a decrease in the value of dependent variables quantum field area, normalized quantum field area, average intensity occurs, while for the same dependent variables in the psycho-emotional state, it is increasing. This increase is due to the decrease of the dependent variables corresponding to the somatic state, redistribution, a reshaping of the human quantum field whose parameters are measured takes place. Therefore, it is normal to record a decrease in the dependent variables listed in the somatic state, the statistical analysis is showing that nothing significant happened in this state. The somatic state is, in this sense, a reservoir that supplies energy restores the energy corresponding to the psycho-emotional state. Under these conditions, as the study with repeated measurements shows, in order to reveal the effects that occur in the somatic state, it is necessary to repeat measurements at an interval greater than 10 hours after application of the psychotherapeutic techniques. Increasing values of the dependent variables field area normalized field area and mean radius of isolines means a positive evolution of the psycho-emotional state, while declining values for the form factor (associated with the degree of uniformity,
homogeneity of human quantum field) shows a tendency of the quantum field to reorganize in order to achieve new potentials.

7. Conclusions

Values obtained and registered with the experimental apparatus, the increasing or decreasing values, as appropriate, of the variables measured, shows that the QDP psychotherapeutic technique had positive effects, especially that it was applied for 15 minutes and was performed once for each subject in hand, at the beginning of the experiment. The technique causes a structural reorganization of the human quantum field, a redistribution of it, leading to uniformity of intensity, in spatial continuity (form coefficient decreases as the average radius isolines increases). As a temporal interval of technique reapplication (see field area and normalized field area) a value of 70-100 hours (3-4 days) results for the integration of the transformation. In fact, this value is found in the following graphic illustration of the temporal evolution of a living system (Douady & Couder, 1996), obtained by interpreting the Fibonacci series elements in terms of geometry. Fibonacci series was chosen to mark the sequential intervals of the measurements because the recurrences of the defined numbers characterize the living phenomenology as a whole.

![Fibonacci spiral](http://en.wikipedia.org/wiki/File:Fibonacci_spiral_34.svg)

Fig. 3. The temporal evolution graphic of a biological system according the Fibonacci series

As can be seen, if one considers that a square is a temporal interval, resuming the evolutionary cycle at a higher level occurs in three intervals, obtained by the study with repeated measurements.

After this period, the human quantum field parameters vary (increase or decrease simultaneously) to achieve homeostasis.

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