

## Extended Abstract

### A GDV COMPARISON OF HUMAN ENERGY FIELDS BEFORE AND AFTER STIMULATION OF SHEALY'S RINGS OF FIRE, EARTH, WATER, AIR, CRYSTAL

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The objective of this research was to detect any change in the human energy field of the body as measured by the Gas Discharged Visualization (BEO-GDV) device after the stimulation of the Shealy Rings of Fire, Earth, Water, Air, and Crystal. These Rings are each a set of acupuncture points which were using the SheLi Tens Stimulator. A control group of sham, non-acupuncture points was also administered. This study used a comparison of the five rings, plus the control group of points, to examine the respective human energy field as displayed by the photon emission of the electrical magnetic field on the BEO-GDV.

Dr. Shealy's research has indicated that DHEA is elevated by use of the electrical stimulator on the acupuncture points identified as the Ring of Fire. The Ring of Fire was Dr. Shealy's first circuit of acupuncture points. Studies of the Ring of Fire have documented statistically significant improvements with symptom reduction for medical problems such as migraines, diabetic neuropathy, depression, and rheumatoid arthritis.

In Dr. Shealy's studies, electrical stimulation of the 13 points of the Ring of Air with the SheLi Tens has increased neurotensin levels as much as five fold. Stimulation of the acupuncture points for Ring of Water raises aldosterone in the body. This hormone is secreted by the adrenal cortex and regulates water and mineral metabolism. The elderly are prone to problems with water metabolism as a result of low aldosterone levels. The Ring of Earth has been shown to activate Calcitonin. Clinical testing by Dr. Shealy showed Calcitonin would increase within one hour after stimulation of the acupuncture points. Stimulating the Ring of Crystal results in the reduction of free radicals in the body. The Ring of Crystal also appears to enhance natural antioxidant levels or allows the body to produce its own antioxidants.

The GDV camera developed by Dr. Korotkov is an instrument that measures the electrical discharge around the finger tips produced by a high voltage field. The pattern of these emissions has been shown to correlate well with the various energy levels of biological objects. The GDV camera works by using a special electrode system that

creates a high intensity electric field around an object, which produces cold electron emission around that object. This high voltage field produces an electric discharge which can be measured in a gas mixture by photographing the photon emission in the excited gas. These results are then processed by proprietary algorithms to produce meaningful results. This form of data collection has led to naming the GDV process as Biological Emission and Optical radiation, stimulated by electromagnetic field, amplified by Gas Discharge with Visualization through computer data processing (BEO-GDV). This tool enables one to make a quantitative analysis.

Measurements were made both with and without a thin plastic sheet over the testing surface. This thin plastic sheet is believed to filter certain measurements in the process. All measurements were made both with and without the filter.

The objective of this research effort is to show any change, as measured by the GDV, in the human energy field of the subjects after administration on each of the five rings after a one-time stimulation. A health questionnaire and Symptom Index were administered to determine the health status prior to beginning the study.

Only one ring was administered on a given day for each volunteer. The order of the administration of the rings and control was random for all participants. The participant was asked to return for a different ring to be administered and tested once every week. The distance of one week was used to minimize any confounding effects of the previous stimulation in the study. Ideally, they would be able to return at the same time each day for testing, which most subjects were able to accommodate. After the stimulation was completed with the SheLi TENS, the energy field was again tested using the GDV after a 20-minute equalizing period, following the same technique as the baseline.

All subjects were volunteers. Eighty clinically healthy individuals, ranging from age 21 to 80 years of age were available for testing. Sixty of the participants were in the age range of 45 to 65; however, there were a few subjects in the twenties, thirties, seventies, and eighties age groups. Twenty-three of the volunteers were male and fifty-seven were female. There was a variety of educational background, ranging from high school level to Ph.D. The study ran for ten weeks consecutively. A post interview was conducted by telephone to most of the volunteers three weeks later. It subjectively reflected that many of the subjects felt more balanced and energetic. Five of the participants reported that they felt the need to take fewer vitamins and supplements during the study. Four of the subjects liked the experiment well enough that they ordered their own SheLi TENS unit for use on a regular basis. Approximately one third could feel no difference at all. Very few could remember which ring they liked the best. The entire group said they enjoyed the experience very much.

**Table I**  
**Overview of the Data Analysis in the Paired *t*-test**

	<b>Left hand without filter</b>	<b>Right hand without filter</b>	<b>Left hand with filter</b>	<b>Right hand with filter</b>
Ring of Water	Yes $p < 0.05$	Yes $p < 0.001$	No	No
Ring of Fire	No	No	No	No
Ring of Crystal	Yes $p < 0.05$	Yes $p < 0.01$	Yes $p = 0.05$	No
Ring of Earth	Yes $p < 0.001$	Yes $p < 0.05$	No	Yes $p < 0.01$
Ring of Air	Yes $p < 0.001$	Yes $p < 0.001$	No	No
Control	No	No	No	No

The first set of data to be analyzed was the paired *t*-test in which the JS integer for the right and left hand before stimulation were compared to the right and left hand after stimulation. The JS-integer represents the integration of the fractal coefficient (a method used in measuring the fields by the GDV) over the area for each meridian sector measured per finger. It is the measure of the deviation of the data as compared to ideal condition.

For further explanation of the change in the energy field, plots made using the Excel program indicate that the farther the magnetic field was from the normal balanced point, the more the electromagnetic field migrated toward this average following stimulation of the acupuncture points. The closer the electromagnetic field was to normal values before stimulation, the less it changed following stimulation. This data was to determine if the electromagnetic field that was outside the “normal value” would move toward the normal (-0.06 to 1.0) after stimulation of the acupuncture points. These graphs portray the “least-squares fit” of a straight line to the data.

Table I is a summary of the conclusions for each of the rings in which the GDV measurements are used in a paired *t*-test which compares the JS integer of the right and left hand before stimulation to the right and left hand after stimulation. The *p* value represents the measure of change in the measured electromagnetic field:

Figure 1 is a plot of the overall trend of the data to fit a straight line. So a larger value here indicates a smaller scatter or more consistent result of pulling the JS value to a balance point. While the chart showed that the Ring of Fire had a greater effect, this chart demonstrates that the Ring of Water has less scatter in the end result.

In the Ring of Fire, there was no statistically significant change ( $p < .05$ ) with or without a filter in the readings before and after stimulation of the average value as shown in the paired *t*-test. However, the graph shows stimulation of this ring creates

the most significant change when compared to all the other rings. This is due to the “balance point” being right in the middle of the sample, where the half of the people below this value went up in JS value and the other half which were above went down, thus canceling any change on the average JS value.

The other oddity between the paired  $t$ -test and the graphs occurs with the Ring of Crystal. The paired  $t$ -test is statistically significant on the left and right hand without a filter, as well as with a filter on the left hand. Here, we surmise that the “balance point” would be well above the starting JS value for our sample, since the average value went up for all participants. Dr. Shealy’s research demonstrates that the Ring of Crystal removes free radicals from the body. This implies that everyone moves in the same direction. In fact, this research demonstrates that, on average, everyone moves up on JS value.

Dr. Shealy’s research for the Ring of Earth shows that for pre menopausal subjects there is a minimal increase in Calcitonin. However, post menopausal subjects show a significant increase in Calcitonin. This research in the paired  $t$ -test showed a significant change in three out of four categories. Only the left hand with a filter showed no significant change. In this study two thirds of the subjects were post menopausal. Therefore we would expect to see a change as indicated by the data in this study.

The standard statistical approach which just compares pre and post tests failed to indicate what was really happening in all cases. In some cases the people being pulled up were cancelled by those who were pulled down toward the balance or normal healthy range.

In conclusion, while the initial approach focused on the change of the average JS value, the final analysis showed that the most significant effect for all rings except the Ring of Crystal was a movement of the reading toward a balance point. All the other rings involved stimulation of the body for a specific chemical or hormone, whereas the Ring of Crystal was removing free radicals from the body. This confirms the principle that the rings of stimulation do, in fact, balance toward a healthy state of functioning or homeostasis in the body.

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