Psy-Tek Labs, LLC

Non-Invasive Scanning and Subtle Energy Testing Lab

Effects of Life Source Oil on Human Beings: Preliminary Study with the EPI/GDV and the ES Teck

Dates of Study: September 20, 2012

Location: Psy-Tek Labs Encinitas, California

Investigator: Gaetan Chevallier, PhD.

Devices: EPI/GDV, ES Teck Complex

Abstract:

Three older adult subjects were tested on the EPI/GDV (Electro-Phonic Imaging/Gas Discharge Visualization, abbreviated as GDV in this report) and the ES Teck Complex (Electro-Sensor Technology Complex, abbreviated in this document as ES Teck). Prior to the experiment, the sponsor gave to the laboratory a few bottles of Life Source Oil formula (abbreviated as Oil in this report) in preparation for this experiment. Each subject was tested before and after administration of at least 2 drops of Oil on the wrists. The subject was then asked to rub the wrists against each other to spread the oil evenly on the wrists. The waiting time before re-test was a minimum of 30 minutes.

Parameters looked at were for the EPI/GDV: Area, Symmetry, Activation Coefficient (a measure of stress), Radial Charts and Virtual Chakras; for the ES Teck: Systolic/diastolic pressure, heart rate, heart rate variability (HRV, a measure of stress), systemic vascular resistance (a measure of peripheral arteries resistance to blood flow), cardiac index (a measure of cardiac output), stiffness index (a measure of large arteries resistance), reflection index (indicator of small and middle size arteries stiffness), b/a (a measure of left ventricle ejection power), -d/a (marker of hypertension) and SpO2% (a measure of blood oxygenation). The ES Teck also automatically provides parameters related to intra-cellular and extra-cellular water content as well as body mass index (BMI, a measure of body fat vs. non-fat content of the body).

For Participant 1, the GDV showed an increase in energy, balance, and a reduction in overall body organs and systems stress after 30 minutes of application of a few drops of Oil on the wrists. On the other hand, ES Teck Complex measured an increase in cardiovascular stress 30 minutes after application of 2 drops of Oil. Combining the results from each machine, the net effect of Oil application was to increase energy and balance by activating all body systems. This cause a certain stress in the cardiovascular system which should be

temporary. It is not known how long this activation will last but this could be measured in a longitudinal study.

For Participant 2, the GDV showed a redistribution of the energies toward a better balance 30 minutes after application of Oil such that excesses and deficiencies were reduced. The ES Teck showed a small increase in the stress of the cardiovascular system. These results are consistent with an improvement in energy circulation causing a minor stress of the cardiovascular system, in a similar way as that was seen for Participant 1 but at a smaller level.

Participant 3 showed the highest increase in energy as shown by the GDV (an increase by about 20%) and a balancing effect or redistribution of the energies all over the body as well as a deep relaxation. Application of Oil seemed to cause a small increase in small and middle size artery stiffness that the cardiovascular system was able to handle well. These results suggest a healing crisis in that the body may be trying to lower the body internal inflammation that is causing arthritis of the knee.

In conclusion, all 3 participants benefitted from application of Life Source Oil on the wrists. Participant 3, the participant with most likely the worst health condition, benefitted the most. Benefits included: increase in energy (2 participants) increased balance (all 3 participants) and reduced stress (2 participants). The ES Teck Complex documented that while that was happening, there was an increase in the stress of the cardiovascular system to some extent, indicating that the extra energy and balance increased the activities of the cardiovascular system which is plays a critical role in healing.

1. Goal

To find out if the EPI/GDV (Electro-Photonic Imaging / Gas Discharge Visualization) and the ES Teck (Electro-Interstitial Scan) can show the effects of the Life Source oil (Oil) on relatively healthy people. By relatively healthy we mean people who do not have a medical diagnostic and do not take prescribed medication but who experience some minor problems such as fibromyalgia, minor joint pain, difficulty to sleep, headaches, etc.

2. Testing Systems

A) EPI/GDV

The Electro-Photon Imaging (EPI), formerly known as Gas Discharge Visualization (GDV), is an advanced form of Kirlian photography developed by Dr. Konstantin Korotkov (abbreviated as GDV in this report). This technology produces an electric impulse, which generates a response of the subject in the form of electron & photon emission. The glow of the photon radiation owing to the gas discharge generated from the electromagnetic field is captured by a digital camera and processed by sophisticated software. Participants were

required to put each finger tip on a quartz plate and an image displaying the photons emissions was analyzed according to the Korean Su Jok meridian system. **Figure 1** shows a picture of the GDV device used in this study to measure the glow around each finger separately. **Figure 2** shows an image of the glow around a finger tip and the corresponding "aura" or glow around the body as processed by the GDV/EPI software from the fingers' glow. The software take the photonic emission of the each of the ten fingertips and divided it in many sectors according to the Korean Su Jok meridian system for further analysis as shown in **Figure 3**.

Figure 1: Photograph of GDV Camera pro version 3 designed for measuring one finger at a time.

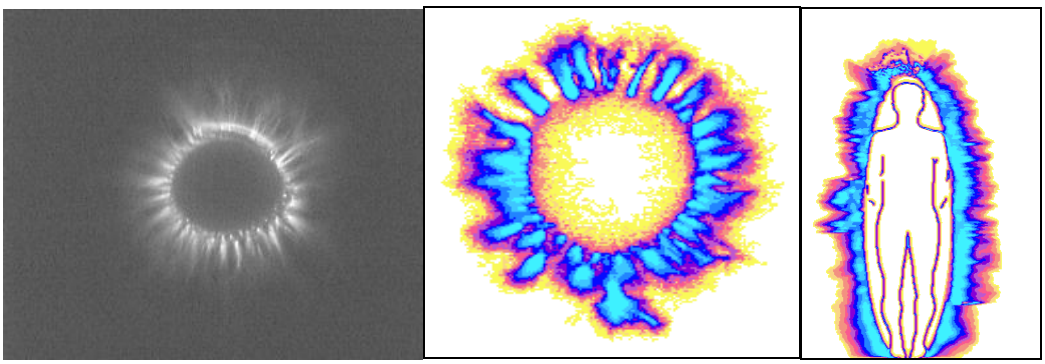

Figure 2: Example of EPI/GDV image captures: **A)** photonic emissions captured from a finger tip; **B)** photonic emission artificial coloring according to intensity by GDV software; **C)** reconstruction of the human biofield based on photonic discharge around each finger and the Korean Su Jok meridian system.

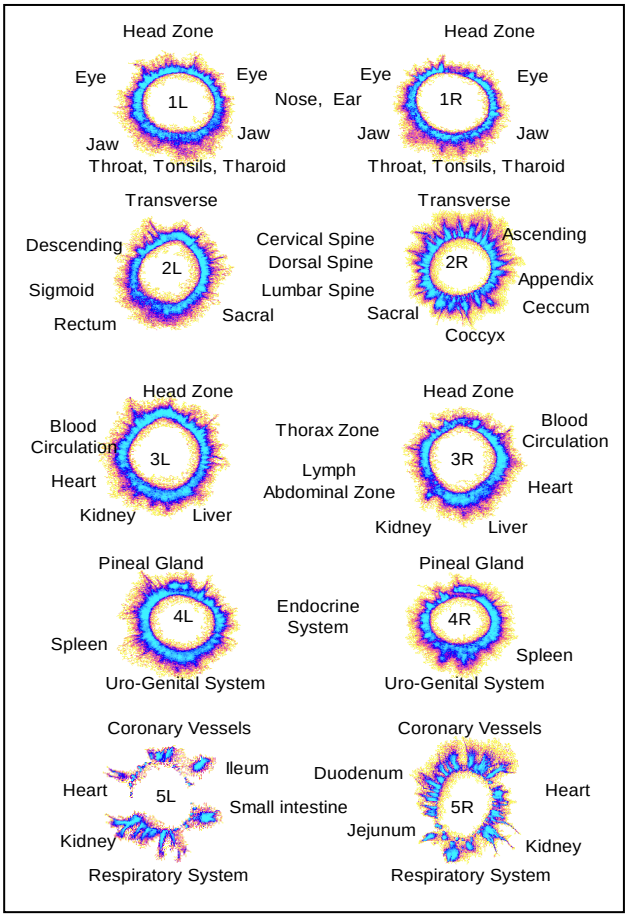

Figure 3: Software sectioning of finger photonic emissions using the Su Jok meridian system.

B) ES Teck Complex

The ES Teck Complex (or Electro-Sensor Technology Complex, abbreviated as ES Teck in the rest of this report) system is a combination of 2 medical devices and 2 biosensor technologies with 5 features to provide a fast overview of the homeostasis (internal medium and the main regulatory mechanisms of the human body) non-invasively. Changes in cell function always occur in the context of a whole organism, and different tissues and organs affect one another.

The ES Teck provides some new data for the physician in routine work such as the estimation of tissue oxygenation, pH, and edema. It also provides an assessment of the autonomic nervous system (ANS) activity, body composition, fluid distribution and hemodynamics. The signals' processing analysis is managed by software.

1- Bio-impedance biosensor features:

a) EIS (Electro-Interstitial Scan) technology

Successive measurements are performed with a weak DC current and then very low frequency (from 100 Hz to 700 Hz) between 6 electrodes placed symmetrically on the left and right forehead, palm of hands, and sole of the feet of the subject (see **Figure 4**)

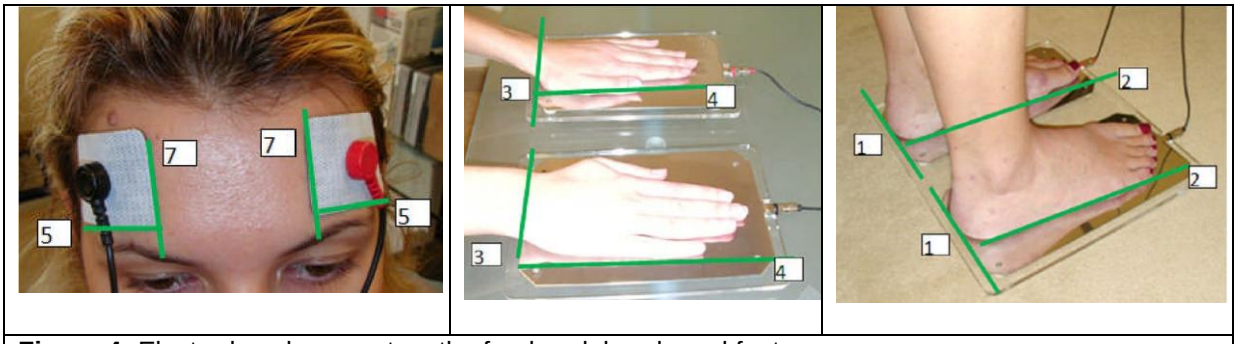

Figure 4: Electrodes placement on the forehead, hands and feet.

b) BIA (Bio-Impedance Analysis) Technology

The BC (Body Composition) feature is a single frequency electrical bioimpedance analyzer. The device accurately measures current, voltage and phase angle, and calculates impedance, resistance and reactance. These measurements and calculations are used to estimate the body composition: fat-free mass (FFM) and fat mass (FM), and extracellular water (ECS). It has a tetra-polar mode measurement.

2- Spectrophotometry biosensor features:

Using Red and Infra-Red light technology this biosensor (see **Figure 5**):

a) Measures hemoglobin saturation in oxygen in % (SpO2%)

b) Perform Digital Pulse Analysis (DPA)

c) Detect heart rate and calculate parameters in time domain and frequency domain of the heart rate variability (HRV).

Figure 5: SpO2 probe showing the red light (left); probe correctly placed on the left index (right).

3. Subjects & Test Protocol

Subjects:

Two older females and one older male in relative good health – no known current medical or psychological diagnostic – with ages 70 (Participant 1, female), 58 (Participant 2, female) and 74 (Participant 3, male) participated in this study.

Experimental Protocol:

Prior to the experiment, the sponsor gave to the laboratory a few bottles of Life Source Oil formula (abbreviated as Oil in this report) in preparation for this experiment. Each of the 3 subjects was tested before and after application of at least 2 drops of Oil the wrists. The subject was then asked to rub the wrists against each other to spread the oil evenly on the wrists. The waiting time before re-test was a minimum of 30 minutes.

Regarding the GDV, 3 parameters of the photonic emissions around fingers were measured:

1. **Area**

   Area definition: The Area represents the overall strength and coherence of the energy emissions of the biofield as emitted from the corona discharge around

the finger tips. The normative range is considered healthy above 14,000; and a change of more than 10% is considered significant.

2. **Symmetry**

   Symmetry definition: The Symmetry of the emission area measures the uniformity of the biofield as emitted from the left and right sides. The normative ranges for Symmetry are: > 80% considered healthy; >90% excellent; <80% some problems need consideration.

3. **Activation Coefficient (AC)**:

   AC definition: AC is the measure of physical stress of the body -- the higher the number the greater the stress in the body. The normative ranges for low, average and highs of the Activation Coefficients are as follows:

   Pink range = 0 – 2.0 (lower than normal stress)
   Green range = > 2.0 – 4.0 (normal stress)
   Yellow range = > 4.0 (higher than normal stress)

Also results from radial charts and virtual chakras are presented. Details concerning these are explained in the figure captions.

Concerning the ES Teck, the results for the following parameters are presented:

- Systolic/diastolic pressure,
- heart rate,
- heart rate variability (HRV, a measure of stress),
- systemic vascular resistance (a measure of peripheral arteries resistance to blood flow),
- cardiac index (a measure of cardiac output),
- stiffness index (a measure of large arteries resistance),
- reflection index (indicator of small and middle size arteries stiffness),
- b/a (a measure of left ventricle ejection power),
- -d/a (marker of hypertension),
- SpO2% (a measure of blood oxygenation),
- Intra-cellular water
- Extra-cellular water
- Dry lean mass
- Body fat mass
- Percent body fat
- Fat free mass
- Total body water
- Body mass index

Also presented in this report is the Cardiovascular Score which correlates well with the Framingham Score according to the ES Teck manufacturer (see Appendix A for details).

4. Results

Participant 1

A) EPI/GDV

The following 2 images (Figures 6 and 7) show Participant 1's Area and Symmetry results – before and 30 minutes after application of Oil on the wrists.

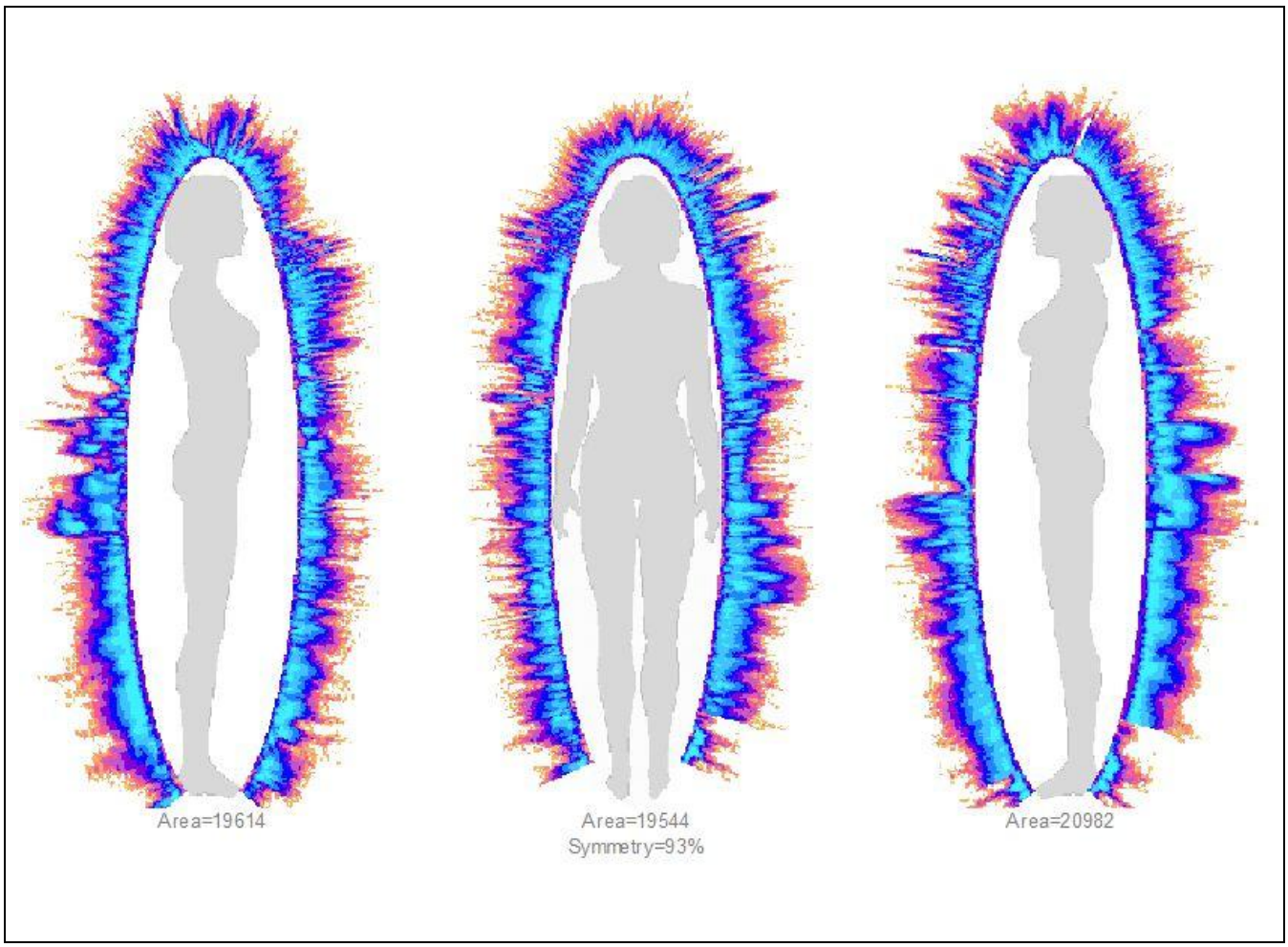

Figure 6: Participant 1's baseline Frontal Area value (middle image) is 19,544 (in camera pixels), the left image (right side of the body) is 19,614 and the right image (left side of the body) is 20,982. Area represents the overall strength and coherence of the energy of the biofield as emitted from the corona discharge around the finger tips. The normative range is considered healthy above 14,000; and a change of more than 10% is considered significant. The Area of the right image (20,982) is higher than the frontal Area value (middle image, 17,248) by 7.4% (not significant) and also higher than the left image by 7.0% (not significant). The Area of the left image (19,614) is similar to the middle image (only 0.4% difference). The Symmetry of the Frontal Area (middle image) measures the uniformity of the biofield as emitted from the left and right sides of the body. Here the Symmetry value is 93%, which is considered excellent on the scale of normative healthy ranges (best is above 90%, between 80% and 90% is acceptable, below that there might be some problems).

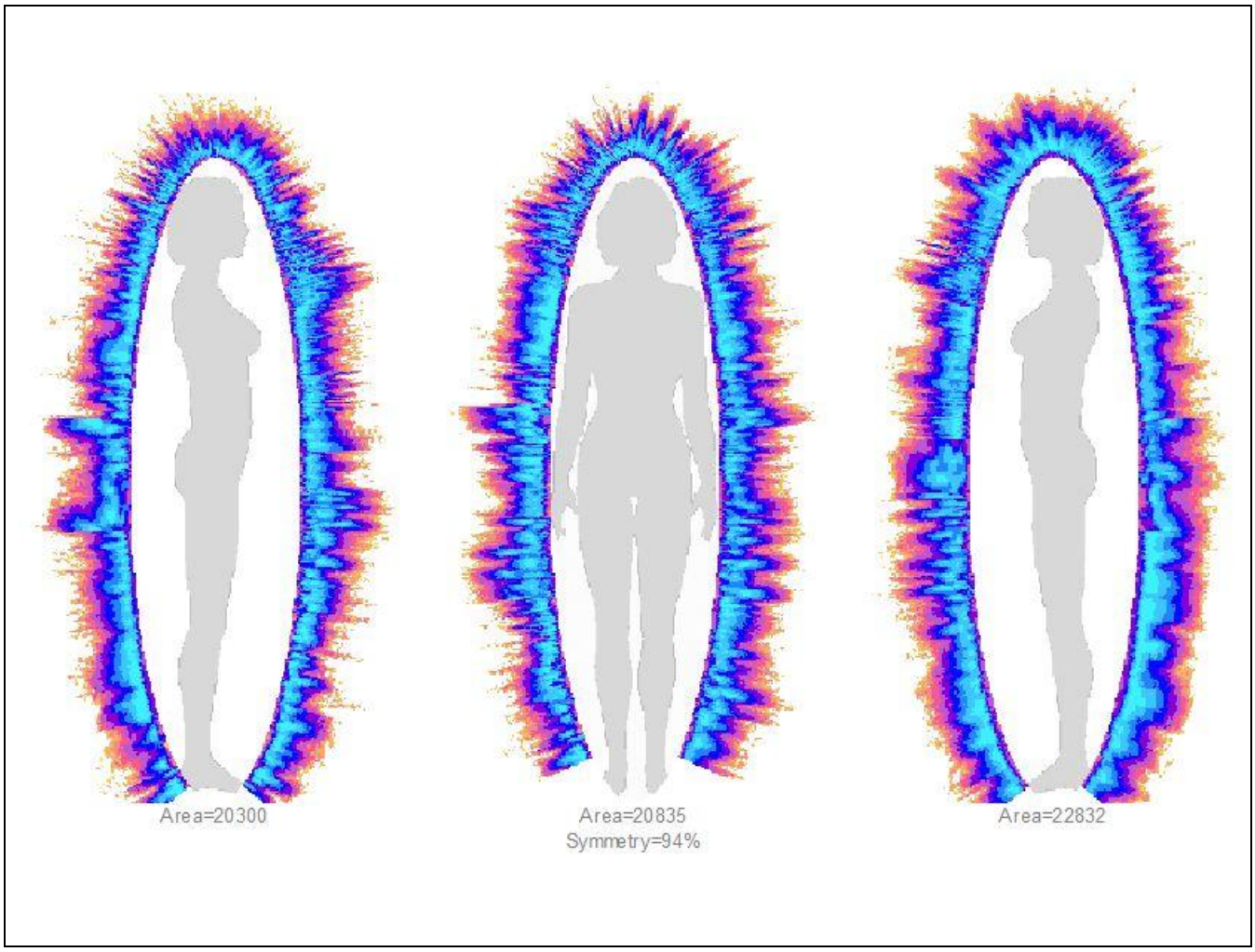

Figure 7: Thirty (30) minutes after application of 2 Oil drops on the wrists, Participant 1's Frontal Area value is 20,835 an increase by 6.6% from the same value before (baseline value, Figure 6). The left image Area value is 20,300, an increase by 3.5% and the right image is 22,832, an increase by 8.8% over the corresponding baseline value. While these values are not significant, they point in the direction of an increase in energy. It is also to be noted that the only significant difference in Area after administration of the Oil is between right and left image (a difference of 12.5%), although the difference between the right image and front image is very close to be significant (9.6%). This shows a net tendency for Participant 1 to have more energy in her left side. The Symmetry value increased to 94%, a changed of 1.1%, not significant.

The next 4 images present Participant 1's radial diagrams of the energy value for each measured organ and the value of the Activation Coefficient before and after application of Oil (Figures 8 and 9).

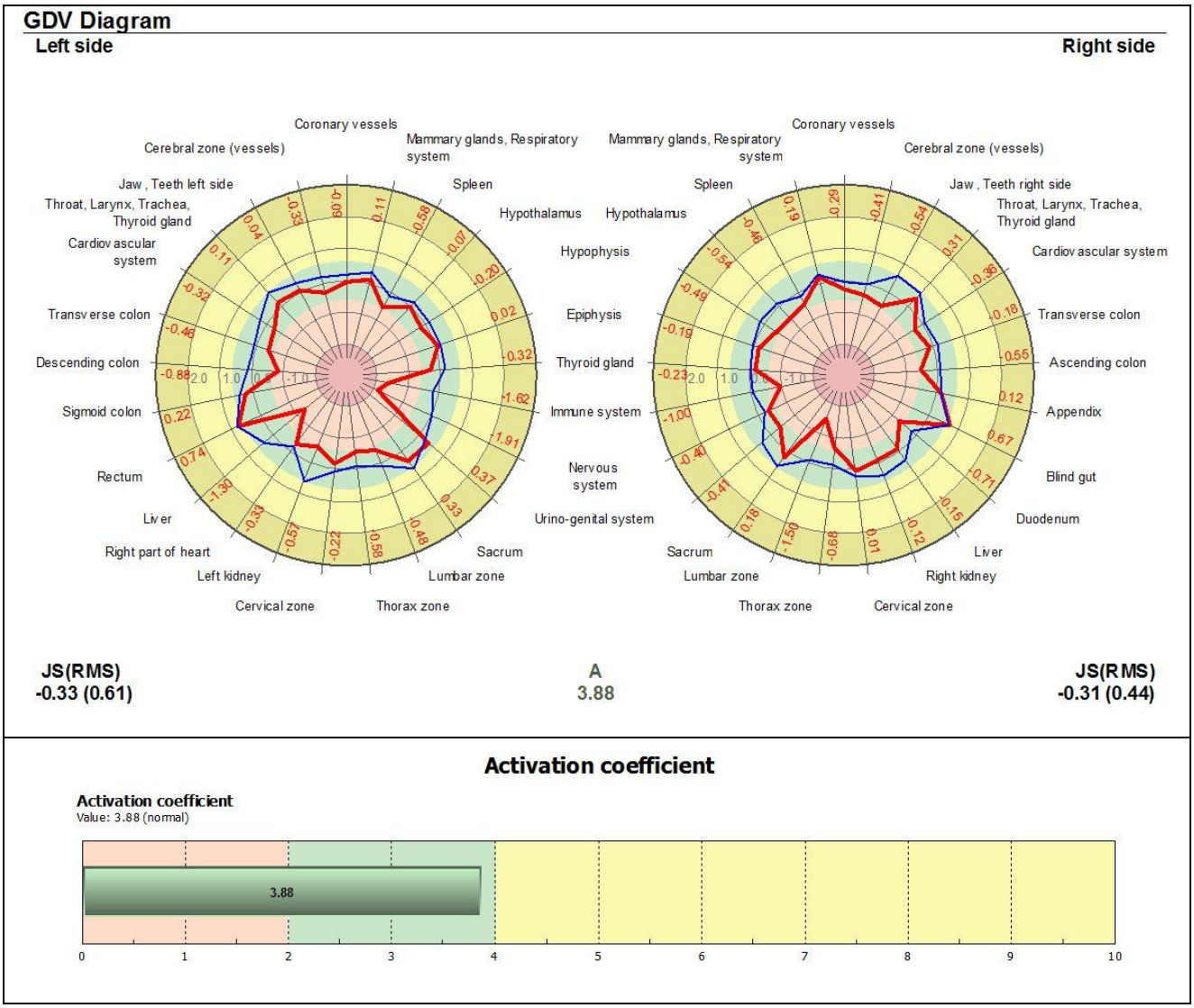

Figure 8: The concentric circles on the top image represent the following levels of energy: Pink = Deficient Energy, Green = Normal Energy and Yellow = Excessive Energy (for a person of that age and gender). The red circular patterns of lines indicate mainly the psychological state (without filter) and the blue circular patterns of lines represent the physical state (using a special plastic filter that filter out the non-physical components of the signal). For the red circular patterns of lines, there are a few values in the Pink area (Descending colon, Liver, Nervous system and Immune system on the left radial chart; Lumbar zone and Immune system on the right radial chart). It can be concluded that there were some emotional or psychological imbalances associated with these deficient organs or body zones. There are no deficiencies for blue patterns on both sides, meaning no deficiency in the energy of the organs. Regarding excesses for the red patterns, there is only 1 organ with excessive energy on the left side (Rectum) and 1 organ with excessive energy on the right side (Blind gut). For the blue patterns of lines there are 2 excesses on the left side (Sacrum and Rectum) and 1 organ with excessive energy on the right side (Blind gut). All the excesses are in the lower body area and Rectum and Blind gut are excessive for both the red and blue patterns of lines. The number below the letter "A" (3.88) at the bottom of the radial charts is the Activation Coefficient and it is a measure of stress. The bottom image shows that this value is in the normal range (in the green area between 2 and 4) but near the maximum (4) and means a moderately high level of stress.

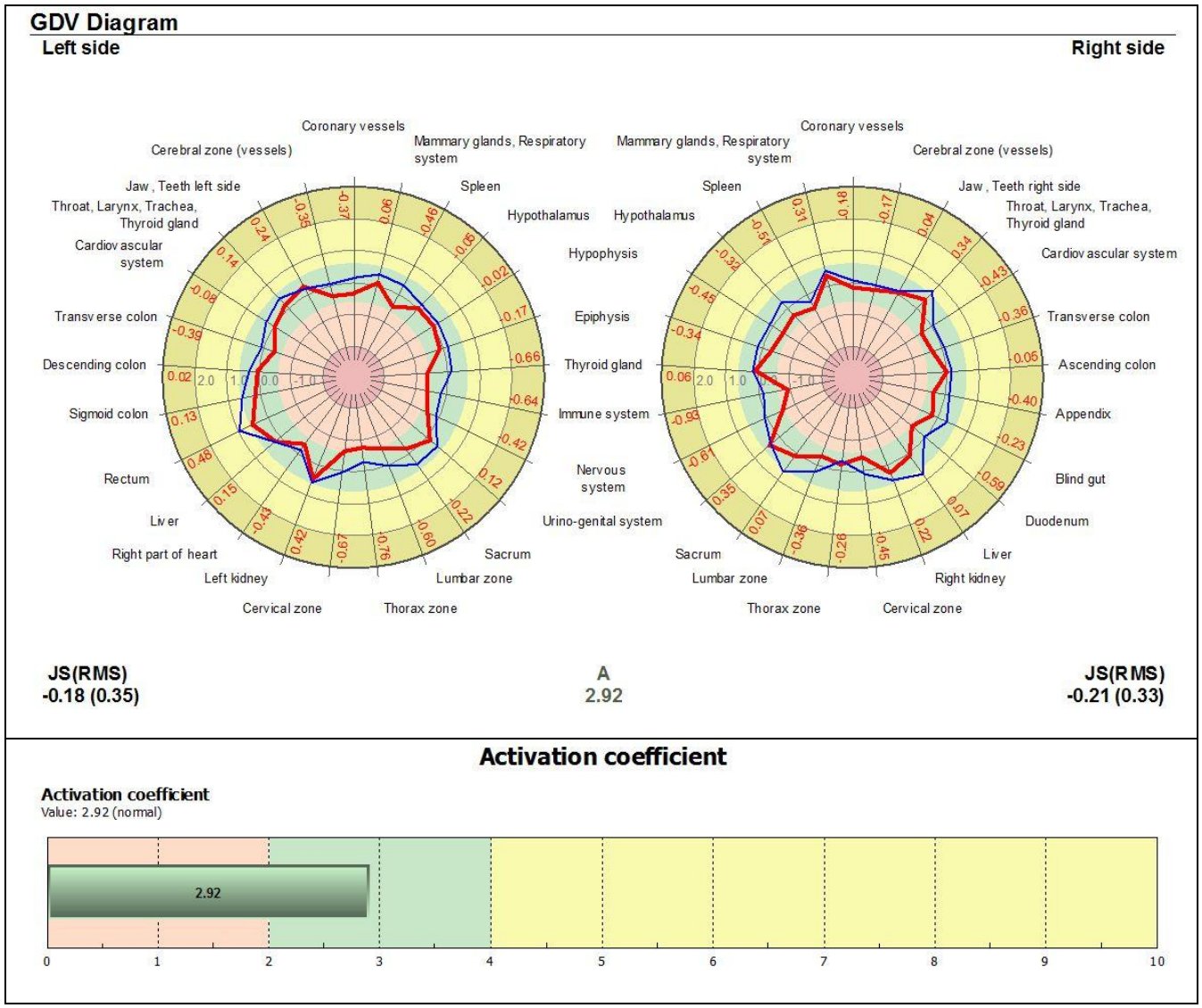

Figure 9: Thirty (30) minutes after application of the Oil drops, the red circular patterns of lines show a visible improvement with only some values barely in the Pink area (these are for the left radial chart: Cervical zone, Thorax zone, Immune system, and Thyroid gland; for the right radial chart: Immune system and Nervous system) . There are no deficiencies for the blue patterns of lines on either left or right radial charts. For the red patterns of lines, there are no excesses on any radial chart. For the blue patterns of lines, there is only one excess for the left radial chart (Rectum) and 3 excesses for the right radial chart (Sacrum, Liver and Throat, Larynx, Trachea and Thyroid gland). Only the excess for the Rectum on the left side can be said to be prominent (and increased compared to Figure 8). For the red patterns, the overall increase in the size on the left radial chart is 5.6% and for the right radial chart 3.7%, both not significant but showing an increase, as it should be expected from the increase seen in the Area (Figures 6 and 7). The Activation Coefficient decreased to 2.56, a very significant decrease by 24.7%, showing that Participant 1 became much more relaxed after application of the Oil.

A summary of these results is presented in Table 1 below.

TABLE 1: SUMMARY OF GDV RESULTS FOR PARTICIPANT #1

Energy Images:						
	Before		**After**		**% Change**	
Left image	19614		20300		3.5%	is right side of body
Frontal	19544		20835		6.6%	front body
Right image	20982		22832		8.8%	is left side of body
		% Change		**% Change**		
Left vs. Front		0.4%		-2.6%		
Right vs. Front		7.4%		9.6%		
Left vs. Right		-7.0%		-12.5%		
Symmetry	93		94		1.1%	
Radial Charts Overall Size:						
Red Patterns						
	Before		**After**		**% Change**	
Left	2.67		2.82		5.6%	
Right	2.69		2.79		3.7%	
Blue Patterns						
	Before		**After**		**% Change**	
Left	3.18		3.18		0.0%	
Right	3.12		3.15		1.0%	
Activation Coefficient:						
Before	3.88	**After**	2.92	**% Change**	-24.7%	

Next, the GDV software also includes an analysis of the chakras based on the energy levels of the meridians corresponding to the measured organs (called Virtual Chakras by the software). Figures 10 and 11 present Participant 1's chakras energy levels and balance for Baseline and 30 minutes after 2 sprays of Oil.

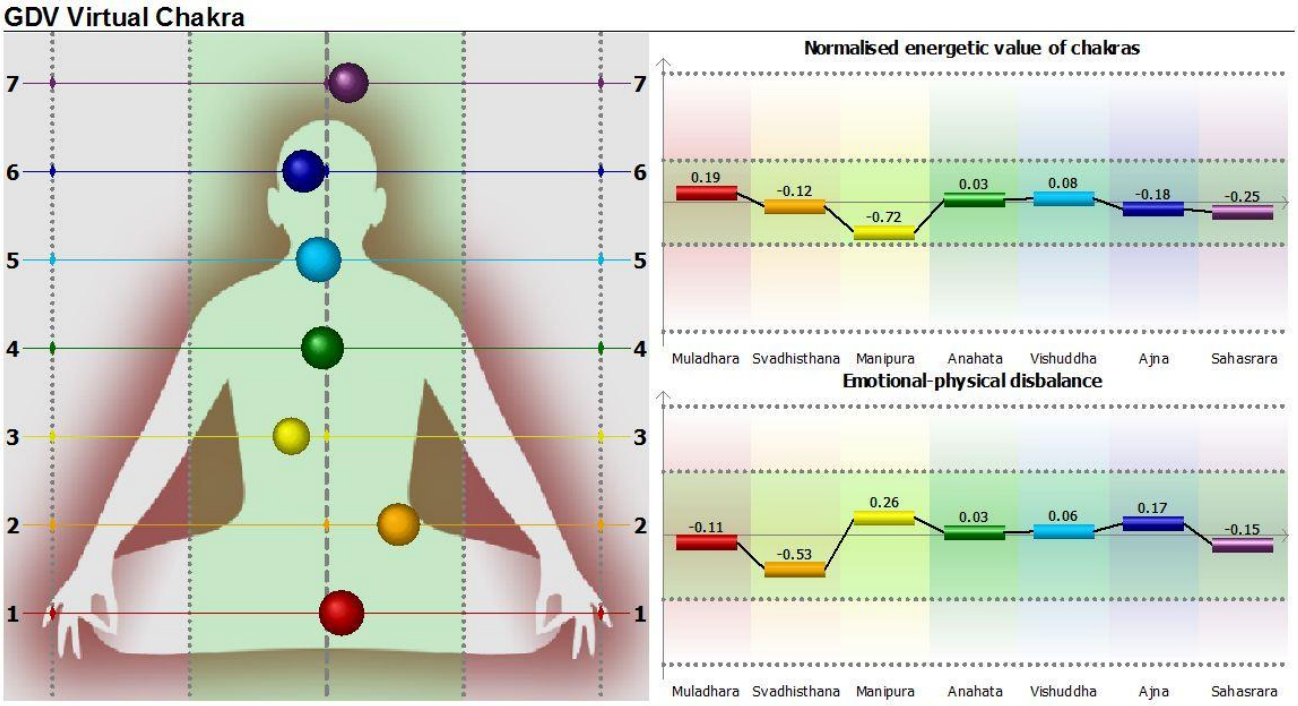

Figure 10: For all three graphs above, the normal position is contained within the Green area. The size of the balls in the left diagram indicates the relative outpouring of energy from each chakra (the values corresponding to the size of the balls are in the upper right part entitled “Normalized energetic value of chakras”). Balance is represented by the position of the balls in the left diagram. In this diagram, if the balls are left of the middle line, the position indicates a physical, masculine focus (corresponding to the right side of the body) and if the balls are on the right of the middle line, this correspond to an emotional, feminine focus (left side of the body). The values determining the position of the chakras in the left diagram are plotted on the lower right chart entitled “Emotional-physical disbalance”. In the case of Participant 1 before Oil application, all chakras were in the Green zone, meaning that they were relatively well balanced, with the 2nd chakra (Svadhistana) being the most out of balance (left side of body corresponding to a feminine, receptive position).

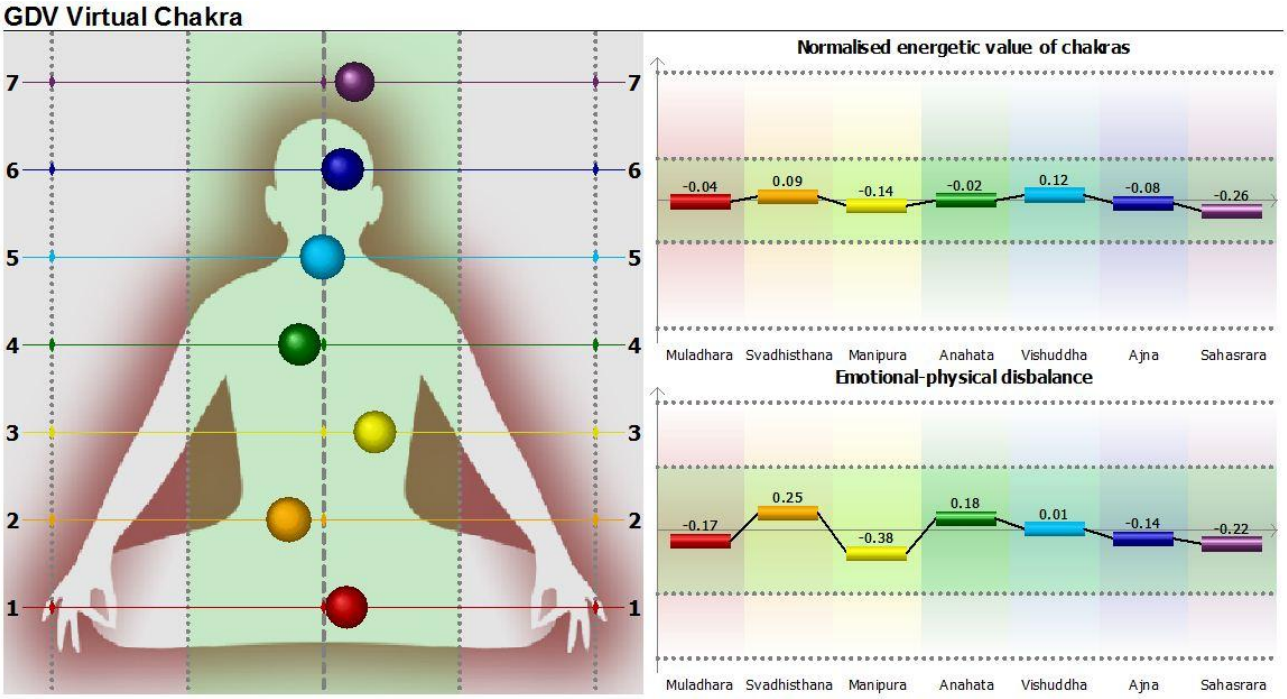

Figure 11: Thirty (30) minutes after application of 2 drops of Oil, there is a visible improvement in the left-right position of both the balance and the energy of the 3 lower chakras.

From Figure 11, there appears to be an improvement in balance and energy. To be more precise, an analysis of the numbers in Figure 10 and 11 representing the size of the chakras (Normalized energetic value of chakras) and their left-right position (Emotional-physical disbalance or imbalance), respectively, are presented in Table 2 below.

TABLE 2: ANALYSIS OF VIRTUAL CHAKRA DATA

	Normalized energetic values			Emotional-physical imbalance		
Chakra Name	**Before**	**After**	***Diff**	**Before**	**After**	**Diff**
Muladhara	0.19	-0.04	-0.23	-0.11	-0.17	-0.06
Svadhisthana	-0.12	0.09	0.21	-0.53	0.25	0.78
Manipura	-0.72	-0.14	0.58	0.26	-0.38	-0.64
Anahata	0.03	-0.02	-0.05	0.03	0.18	0.15
Vishuddha	0.08	0.12	0.04	0.06	0.01	-0.05
Ajna	-0.18	-0.08	0.10	0.17	-0.14	-0.31
Sahasrara	-0.25	-0.26	-0.01	-0.15	-0.22	-0.07
Mean	**-0.14**	**-0.05**	**0.09**	**-0.04**	**-0.07**	**-0.03**
****SD**	**0.30**	**0.13**	**-0.17**	**0.26**	**0.23**	**-0.03**

*Diff: Difference; **SD: Standard deviation

It can be seen from Table 2, “Normalized energetic values” columns, that the mean size of the balls increased by 0.09 (from -0.14 to -0.05) while their size is more similar (SD decreased by 0.17, from 0.30 to 0.13). So the mean energy of the chakras increased while their sizes became more uniform after application of the Oil. From the columns under “Emotional-physical imbalance”, the average (mean) left-right position of the chakras shifted a bit more to the left (from -0.04 to -0.07, corresponding to the female, receptive side) while their SD decreased very slightly (from 0.26 to 0.23), meaning the dispersion of the chakras around the mean value decreased slightly.

B) ES Teck

Results for Participant 1 are presented in Table 3 below. Details of the interpretation of the parameters and their units can be found in Appendix B which presents a report generated by the ES Teck software for Participant 1 as an example.

TABLE 3: SUMMARY OF ES TECK RESULTS FOR PARTICIPANT #1

Participant 1	Before	After	% Diff
Systolic pressure	126.0	151.0	**19.8%**
Diastolic pressure	75.0	93.0	**24.0%**
Heart rate	71.1	72.9	**2.5%**
HRV HF (High frequency)	29.29	39.84	**36.0%**
HRV LF (Low frequency)	23.81	53.09	**123.0%**
HRV (LF/HF)	0.81	1.33	**64.2%**
Systemic vascular resistance (SVR)	1267	1913	**51.0%**
Cardiac index (CI)	3.2	2.6	**-18.8%**
Stiffness index (SI)	10.4	11.3	**8.7%**
Reflection index (RI)	50	90	**80.0%**
b/a (left ventricle ejection power)	-0.93	-0.57	**38.7%**
-d/a (marker of hypertension)	0.56	0.67	**19.6%**
SpO2%	95.0	90.0	**-5.3%**
Intra-cellular water (lbs)	51.4	51.4	**0.0%**
Extra-cellular water (lbs)	43.8	43.7	**-0.2%**
Total body water (lbs)	95.1	95.1	**0.0%**
Dry lean mass (lbs)	34.8	34.8	**0.0%**
Body fat mass (lbs)	25.1	25.1	**0.0%**
Intra-cellular water (%)	54.0	54.0	**0.0%**
Extra-cellular water (%)	46.0	46.0	**0.0%**
Total body water (%)	61.4	61.4	**0.0%**
Dry lean mass (%)	22.5	22.5	**0.0%**
Body fat mass (%)	16.2	16.2	**0.0%**
Body mass index	23.6	23.6	**0.0%**

Participant 1 heart rate increased from 71 beats per minutes to 73 beats per minutes, a small increase by 2.5%. Systolic and diastolic pressure increased by about 20% after application of Oil, making them above the threshold for hypertension (140/90). This is

consistent with the result of -d/a (a marker of hypertension) which also increased by about 20%. Also consistent, is an increase in Systemic Vascular Resistance (SVR) by more than 50% (from a normal to excessive value), a decrease in cardiac output (measured by CI) by a little less than 20% (from a normal value to a value that is below the normal range), and an increase of left ventricle ejection power (b/a) by 38.7% (needed to keep pumping blood efficiently through a network of arteries that offer more resistance). These measures show that the increase in blood pressure is most likely because of an increase in vascular resistance which is likely due constriction of blood vessels (not a change in blood viscosity which cannot happen so quickly). Furthermore, from the changes in Stiffness Index (SI), which increase by 8.7% and is an indicator of large arteries stiffness, and Reflection Index (RI), which increases by 80% and is related to small and middle size arteries stiffness, we can see that the increase in blood pressure is mainly due to an increase in small and middle size arteries stiffness and constriction. LF/HF increased significantly over the same period (by 64.2%) also indicating an increase in stress of the cardiovascular system. All these measured are summarized in the Cardiovascular Score before and after as can be seen from Figure 12 (an explanation of each class can be found in Appendix A). As you can see the Cardiovascular Score went from 25 to 16, a significant decrease by 56% (any change by 10% or more is significant).

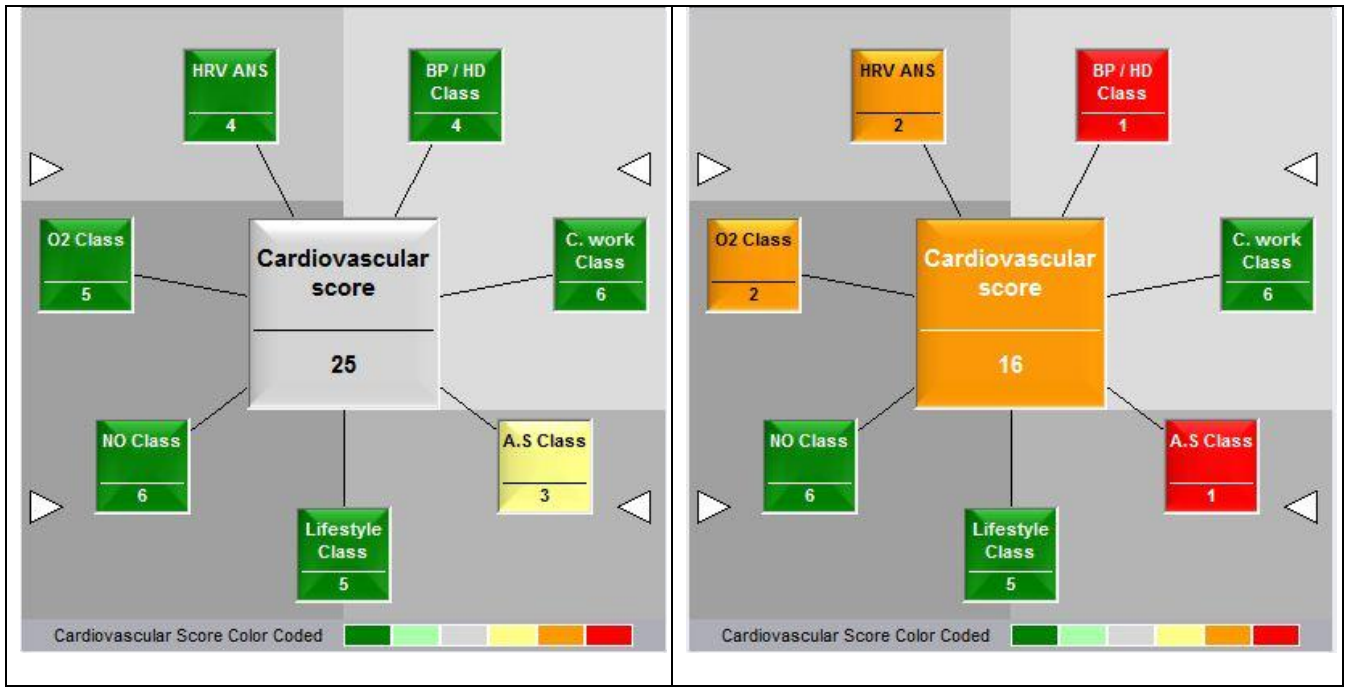

Figure 12: Cardiovascular score before (left) and after 30 minutes (right) of application of the Oil. Detail description of the 7 Classes of data that compose the Cardiovascular Score, see Appendix C.

Blood oxygenation decreased from a normal value of 95% to a low blood oxygenation level of 90%. This level of blood oxygenation is low enough to cause stress in the body. This could happen if Participant 1 was breathing more superficially due increased stress. Body fat mass is too low at 16.2% causing, of course Fat free mass to be high (83.6%). Total body water is high too (61.4%), although the proportion of intracellular water (54%) and extracellular water (46%) is normal. Body mass index is also normal (23.6). As expected, these values did not change much after application of Oil.

Participant 2

A) EPI/GDV

The following 2 images (Figures 13 and 14) show Participant 2's Area and Symmetry results – before and 30 minutes after application of Oil on the wrists. Both Area and Symmetry are presented together because the values for both parameters are generated automatically by the software.

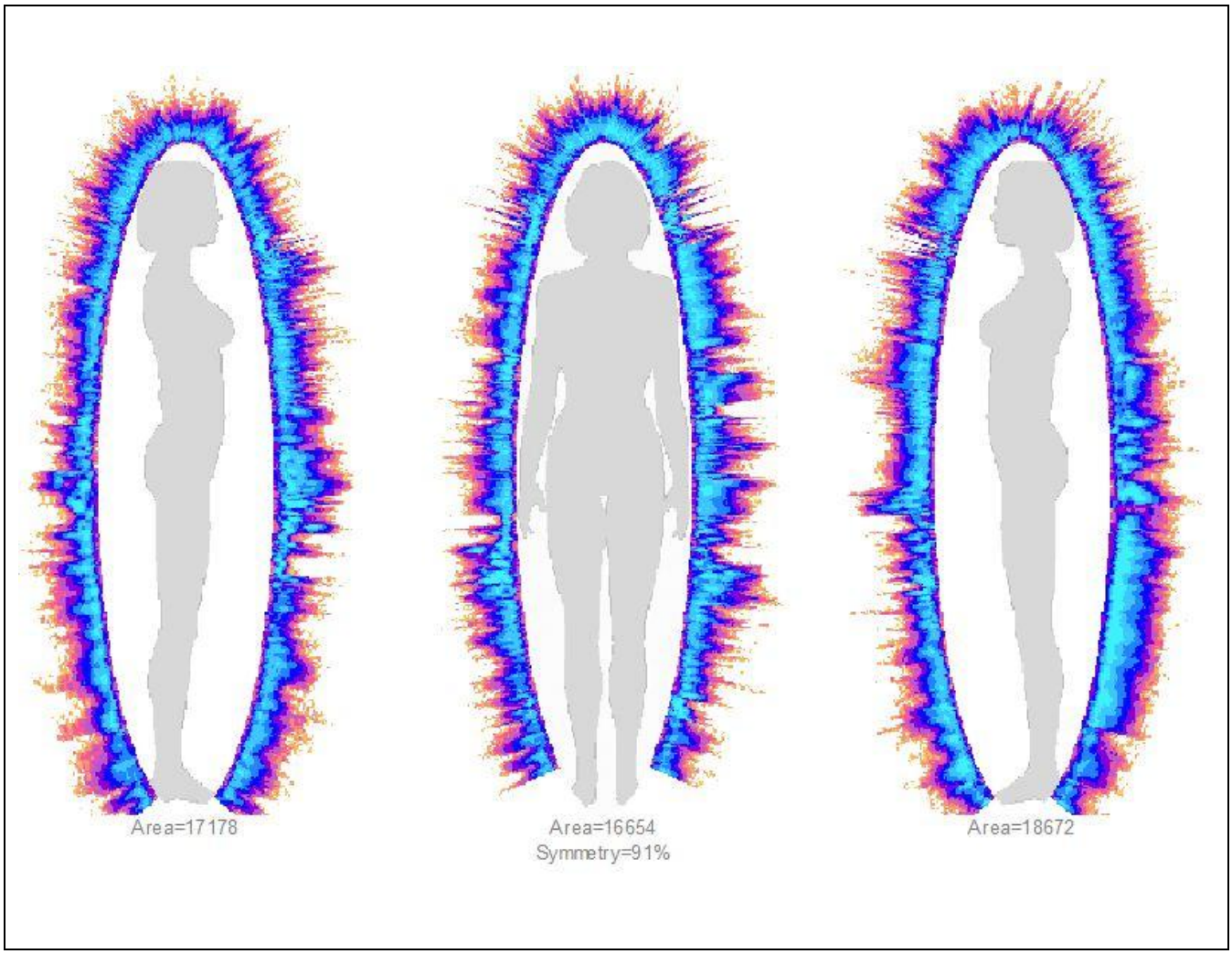

Figure 13: Participant 2's results before application of Oil. The baseline Frontal Area value (middle image) is 16,654 (in camera pixels), the left image (right side of the body) is 17,178 and the right image (left side of the body) is 18,672. Area represents the overall strength and coherence of the energy of the biofield as emitted from the corona discharge around the finger tips. The normative range is considered healthy above 14,000; and a change of more than 10% is considered significant. The Area of the right image (18,672) is higher than the frontal Area value (middle image, 16,654) by 12.1% (significant) and also higher than the left image by 8.7% (not significant). The Area of the left image (17,178) is similar to the middle image (only 3.1% difference). The Symmetry of the Frontal Area (middle image) measures the uniformity of the biofield as emitted from the left and right sides of the body. Here the Symmetry value is 91%, which is considered excellent on the scale of normative healthy ranges (best is above 90%, between 80% and 90% is acceptable, below that there might be some problems).

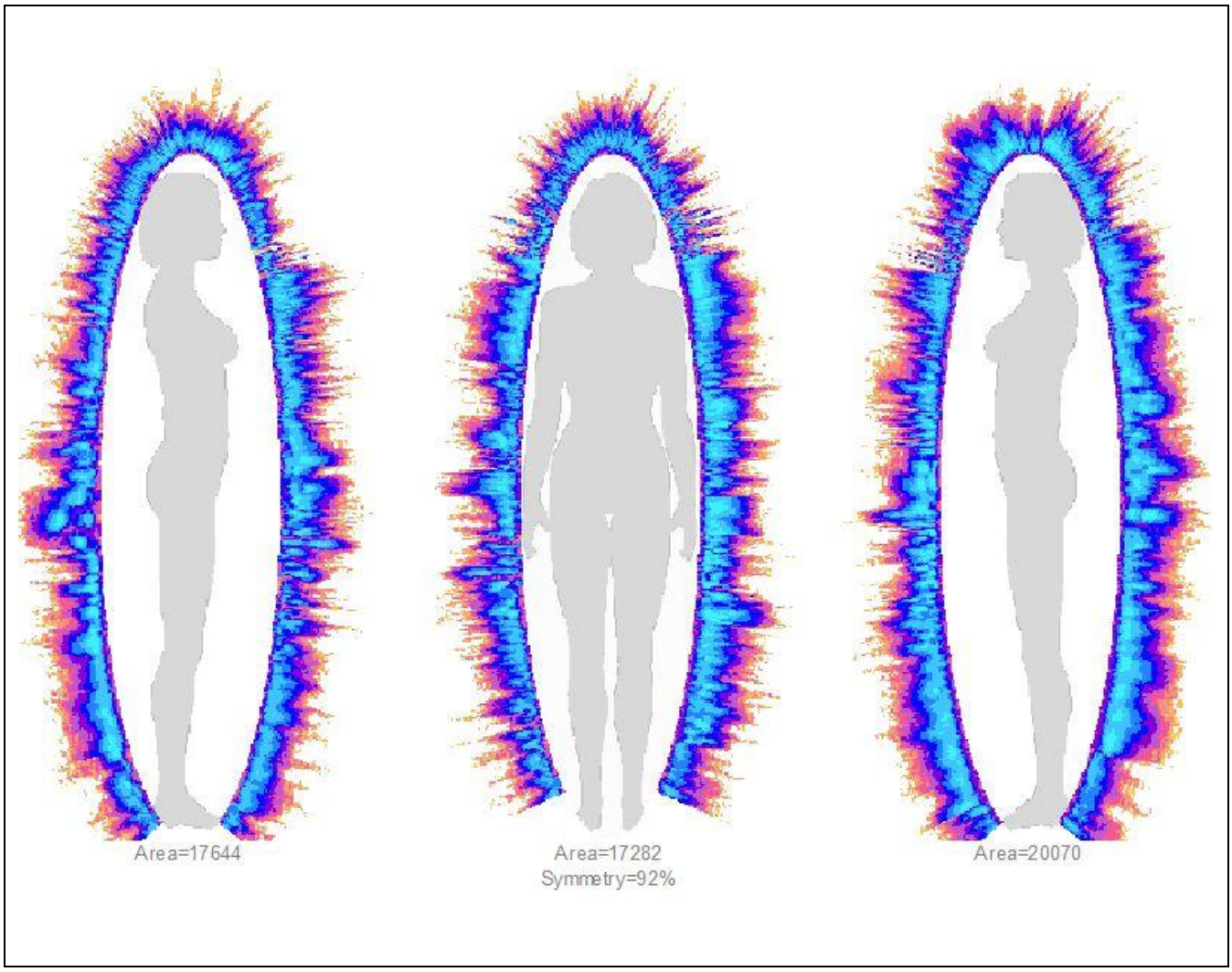

Figure 14: Thirty (30) minutes after administration of 2 Oil drops on the wrists, Participant 2's Frontal Area value is 17,282 an increase by 3.8% from the same value before (baseline value, Figure 13). The left image Area value is 17,644, an increase by 2.7% and the right image is 20,070, an increase by 7.5% over the corresponding baseline value. While these increases in Area are not significant, they point in the direction of an increase in energy. It is also to be noted that there are now significant differences in Area between the right and left image (a difference of 13.7%) and between the right and front image (16.1%), reflecting a higher increase for the right image (corresponding to the left side of the body) after application of Oil. This shows a net tendency for Participant 2 to have more energy in her left side just as was the case for Participant 1. The Symmetry value increased to 92%, a changed of 1.1%, not significant.

The next 4 images present Participant 2 radial diagrams of the energy value for each measured organ and the value of the Activation Coefficient before and after application of Oil (Figures 8 and 9).

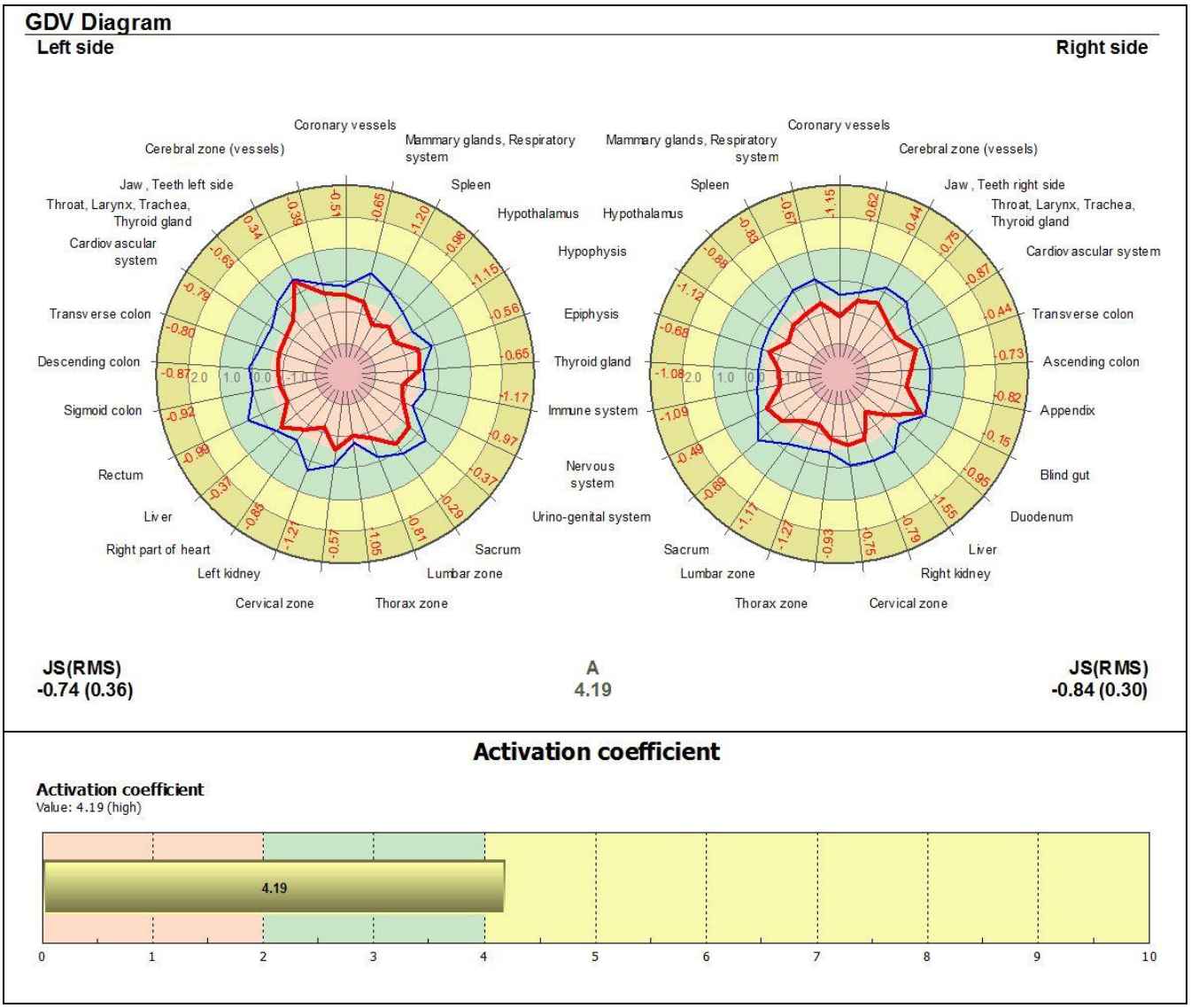

Figure 15: The concentric circles on the top image represent the following levels of energy: Pink = Deficient Energy, Green = Normal Energy and Yellow = Excessive Energy (for a person of that age and gender). For the red circular patterns of lines, most values are in the Pink (deficient) area, both for the left and the right radial charts. The values that are not in the Pink zone for the left radial chart are: Coronary Vessels, Cerebral zone, Jaw, Teeth, Liver, Cervical zone Sacrum, Urino-genital system and Epiphysis (Pineal gland). For the right radial chart the values that are not deficient are: Nervous system, Blind gut, Transverse colon and Jaw and Teeth. It can be concluded that there were emotional and/or psychological imbalances associated with the many deficient organs or body zones. Looking at the left radial chart, there are two deficient values for the blue pattern of lines: Thorax zone and Nervous system. Regarding the right radial chart, there was no deficient value for the blue pattern of lines. No excesses (values in the Yellow zone) can be observed for the left and right radial charts and for the red or blue patterns of lines. However, on the left radial chart, the value of the Jaw and Teeth of the red pattern of lines is so much higher than the other values that it could be seen as excessive. The number below the letter "A" (4.19) at the bottom of the radial charts is the Activation Coefficient and it is a measure of stress. The bottom image shows that this value is slightly above the normal range (in the yellow area above 4) and means a moderately high level of stress.

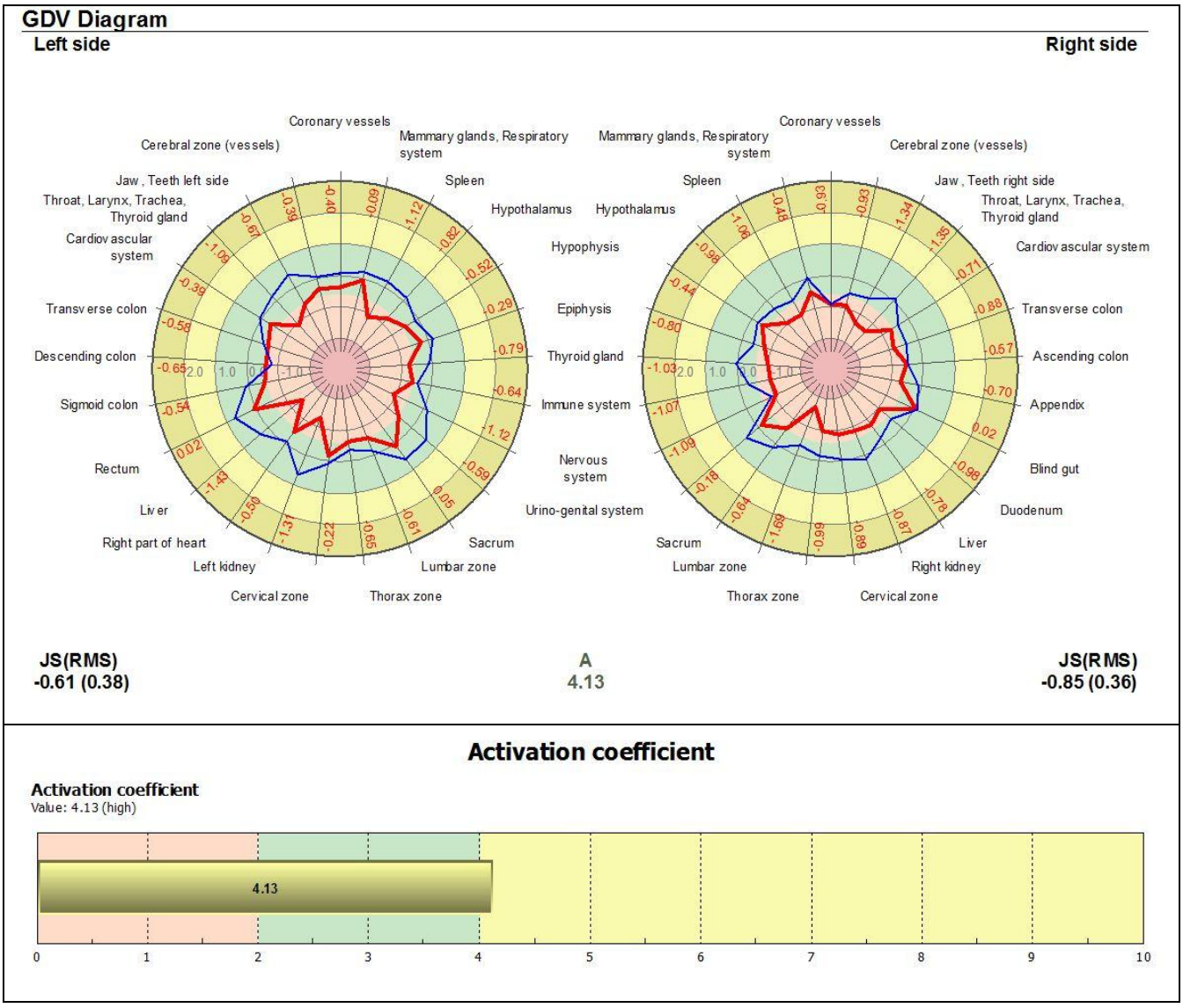

Figure 16: Thirty (30) minutes after application of the Oil drops, the red circular patterns of lines show a visible improvement for the left radial chart (by 5.8%), not so much for the right radial chart (-0.5%). The left radial chart still has about half of its values in the Pink area (these are: Jaw and Teeth, Throat, Larynx and Trachea, Descending colon, Liver, Kidney, Thorax zone, Lumbar zone, Nervous system, Immune system, Thyroid gland, Hypothalamus, and Spleen) . The red pattern of the right radial chart still shows many deficiencies with only a few values out of the Pink area: Mammary gland and Respiratory system, Hypophysis, Urino-genital system, Blind gut and Ascending colon. For the blue patterns of lines, there is only one deficiency on the left radial chart and that is the Descending colon and on the right radial chart, only two values are deficient: the Nervous system and the Coronary vessels. There are no excesses either on left or right radial charts (red or blue patterns of lines). The Activation Coefficient decreased very slightly to 4.13, an insignificant decrease by 1.4%, showing that Participant 2 level of relaxation did not change after application of the Oil.

A summary of these results is presented in Table 4 below.

TABLE 4: SUMMARY OF GDV RESULTS FOR PARTICIPANT #2

Energy Images:						
	Before		**After**		**% Change**	
Left image	17178		17644		2.7%	is right side of body
Frontal	16654		17282		3.8%	front body
Right image	18672		20070		7.5%	is left side of body
		% Change		**% Change**		
Left vs. Front		3.1%		2.1%		
Right vs. Front		12.1%		16.1%		
Left vs. Right		-8.7%		-13.7%		
Symmetry	91		92		1.1%	
Radial Charts Overall Size:						
Red Patterns						
	Before		**After**		**% Change**	
Left	2.26		2.39		5.8%	
Right	2.16		2.15		-0.5%	
Blue Patterns						
	Before		**After**		**% Change**	
Left	2.88		3.06		6.3%	
Right	2.80		2.72		-2.9%	
Activation Coefficient:						
Before	4.19	**After**	4.13	**% Change**	-1.4%	

Next, the GDV software also includes an analysis of the chakras based on the energy levels of the meridians corresponding to the measured organs (called Virtual Chakras by the software). Figures 10 and 11 present Participant 2's chakras energy levels and balance for Baseline and 30 minutes after 2 sprays of Oil.

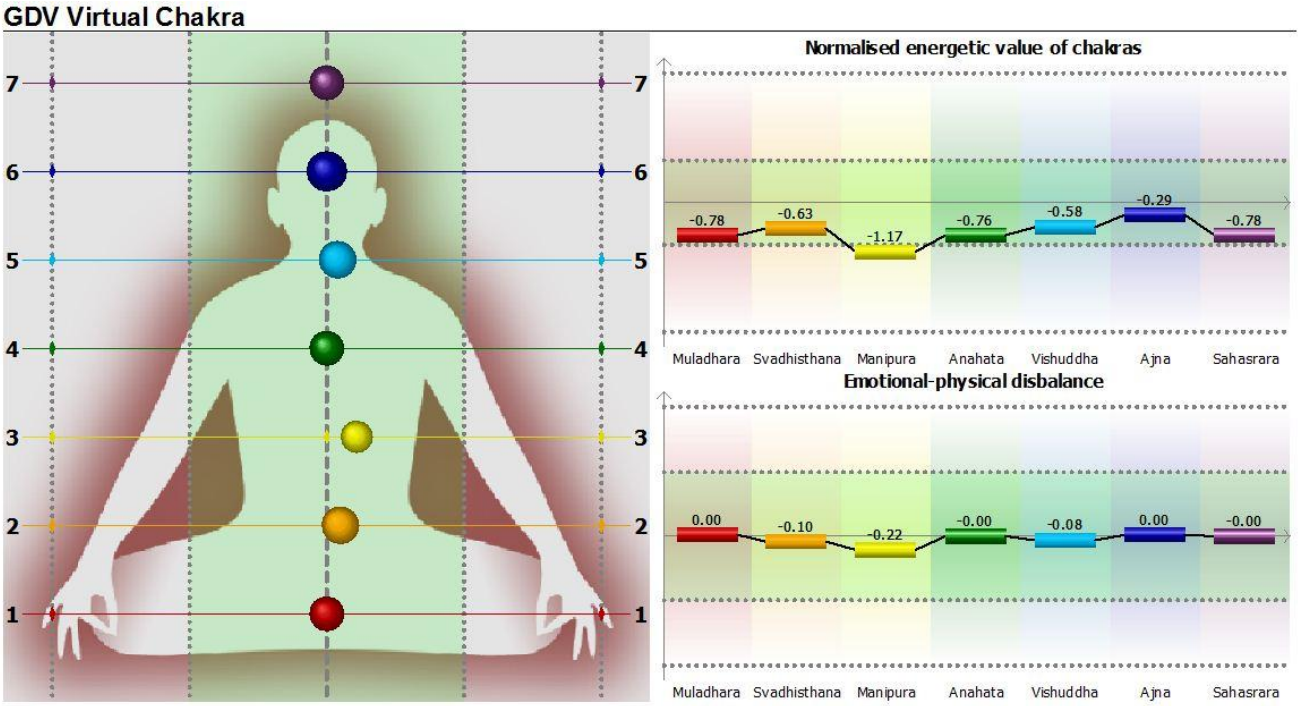

Figure 17: For all three graphs in the image above, the normal position is contained within the Green area. The size of the balls in the left diagram indicates the relative outpouring of energy from each chakra (the values determining the size of the balls are in the upper right part entitled “Normalized energetic value of chakras”). Balance is represented by the position of the balls in the left diagram. In this diagram, if the balls are left of the middle line, the position indicates a physical, masculine focus (corresponding to the right side of the body) and if the balls are on the right an emotional, feminine focus is indicated. The values determining the position of the chakras in the left diagram are plotted on the lower right chart entitled “Emotional-physical disbalance”. In the case of Participant 2 before Oil application (baseline measurement), all chakras were in the Green zone, meaning that they were relatively well balanced with the 3rd chakra (Manipura) being the most out of balance (but still in good balance, on the right side of the graph).

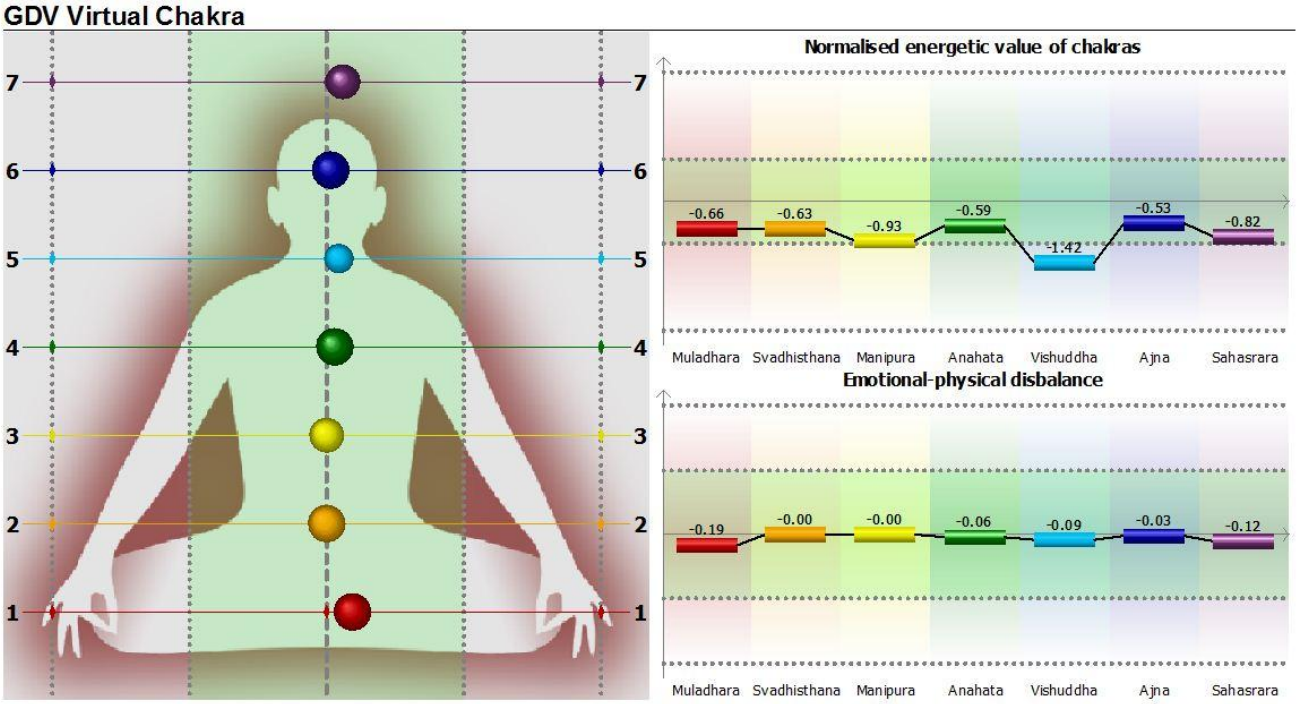

Figure 18: Thirty (30) minutes after application of the Oil, it is not clear if there is a visible improvement for both the balance and the energy of all the chakras, although a shift in position can be seen for a few chakras.

It is not obvious that there is an improvement. To clarify this situation, the numbers in Figure 17 and 18 representing the size of the chakras (Normalized energetic value of chakras) and their left-right position (Emotional-physical disbalance or imbalance), respectively, are presented in Table 5 below.

TABLE 5: ANALYSIS OF VIRTUAL CHAKRA DATA FOR PARTICIPANT #2

	Normalized energetic values			Emotional-physical imbalance		
Chakra Name	**Before**	**After**	***Diff**	**Before**	**After**	**Diff**
Muladhara	-0.78	-0.66	0.12	0.00	-0.19	-0.19
Svadhisthana	-0.63	-0.63	0.00	-0.10	0.00	0.10
Manipura	-1.17	-0.93	0.24	-0.22	0.00	0.22
Anahata	-0.76	-0.59	0.17	0.00	-0.06	-0.06
Vishuddha	-0.58	-1.42	-0.84	-0.08	-0.09	-0.01
Ajna	-0.29	-0.53	-0.24	0.00	-0.03	-0.03
Sahasrara	-0.78	-0.82	-0.04	0.00	-0.12	-0.12
Mean	**-0.71**	**-0.80**	**-0.08**	**-0.06**	**-0.07**	**-0.01**
****SD**	**0.27**	**0.31**	**0.04**	**0.08**	**0.07**	**-0.01**

Diff: Difference; SD: Standard deviation

It can be seen from Table 5 “Normalized energetic values” that the mean size of the balls decreased by 0.08 (from -0.71 to -0.80) and that their size became slightly more dissimilar (SD increased by 0.04, from 0.27 to 0.31). So application of the Oil did not change much the energy levels of the chakras. The mean left-right position of the chakras did move slightly to the left (from -0.06 to -0.07, to the female, receptive side) while the SD became very slightly less, meaning the dispersion of the chakras decreased slightly (from 0.08 to 0.07).

B) ES Teck

Results for Participant 2 are presented in Table 6 below. Details of the interpretation of the parameters and their units are shown in Appendix B which shows the report generated by the ES Teck software for Participant 1 as an example.

TABLE 6: SUMMARY OF ES TECK RESULTS FOR PARTICIPANT #2

Participant 2	Before	After	% Diff
Systolic pressure	102.0	108.0	**5.9%**
Diastolic pressure	61.0	61.0	**0.0%**
Heart rate	74.3	68.8	**-7.4%**
HRV HF (High frequency)	29.70	28.66	**-3.5%**
HRV LF (Low frequency)	25.41	33.56	**32.1%**
HRV (LF/HF)	0.86	1.17	**36.0%**
Systemic vascular resistance (SVR)	1545	1540	**-0.3%**
Cardiac index (CI)	2.8	2.8	**0.0%**
Stiffness index (SI)	8.7	8.8	**1.1%**
Reflection index (RI)	30	40	**33.3%**
b/a (left ventricle ejection power)	-0.96	-0.99	**-3.1%**
-d/a (marker of hypertension)	0.47	0.50	**6.4%**
SpO2%	95.0	97.0	**2.1%**
Intra-cellular water (lbs)	35.5	36.8	**3.7%**
Extra-cellular water (lbs)	29.0	27.7	**-4.5%**
Total body water (lbs)	64.5	64.5	**0.0%**
Dry lean mass (lbs)	23.6	23.6	**0.0%**
Body fat mass (lbs)	13.9	13.9	**0.0%**
Intra-cellular water (%)	55.0	57.0	**3.6%**
Extra-cellular water (%)	45.0	43.0	**-4.4%**
Total body water (%)	63.2	63.2	**0.0%**
Dry lean mass (%)	23.1	23.1	**0.0%**
Body fat mass (%)	13.6	13.6	**0.0%**
Body mass index	19.9	19.9	**0.0%**

The heart rate of Participant 2 was normal (74 beats per second) and decreased slightly to 69 beats per second after application of Oil (by 7.4%). Systolic pressure increased by about 6% while diastolic pressure did not change after application of Oil. This is consistent with the result of -d/a (a marker of hypertension) which also increased by about 6% (but remained in the normal range). Systemic Vascular Resistance (SVR) did not change much (decreased by 0.3% but remained higher than the normal range) and CI did not change at all (staying in the normal range). These measures show that application of the Oil did not change the functioning of the cardiovascular by much. Supporting that conclusion, the changes in SI is very small (1.1%, remaining in the normal range). However, there is a significant increase in RI (33%) which suggests an increase in small and middle size arteries stiffness but the value remained in the normal range, the before value being in the low region of the normal range. In effect the initial value of RI was 30% and the increase brought the value more into the normal range at 40%. The Left ventricle ejection power (b/a) also changed insignificantly (decrease by 3.1%). LF/HF increased significantly (36%), indicating an increase in stress of the cardiovascular system. Of all the indicators of cardiovascular stress, LF/HF is the only one showing a clear increase in stress. It is also the measurement considered the most sensitive. So it can be concluded that there is an increase in the stress of the cardiovascular system that is relatively small. These measures are summarized in the Cardiovascular score before and after as can be seen from Figure 19 (an explanation of each class can be found in Appendix A). As you can see the Cardiovascular Score went from 26 to 24, an insi-gnificant decrease by 8% that is consistent with a small increase in cardiovascular stress.

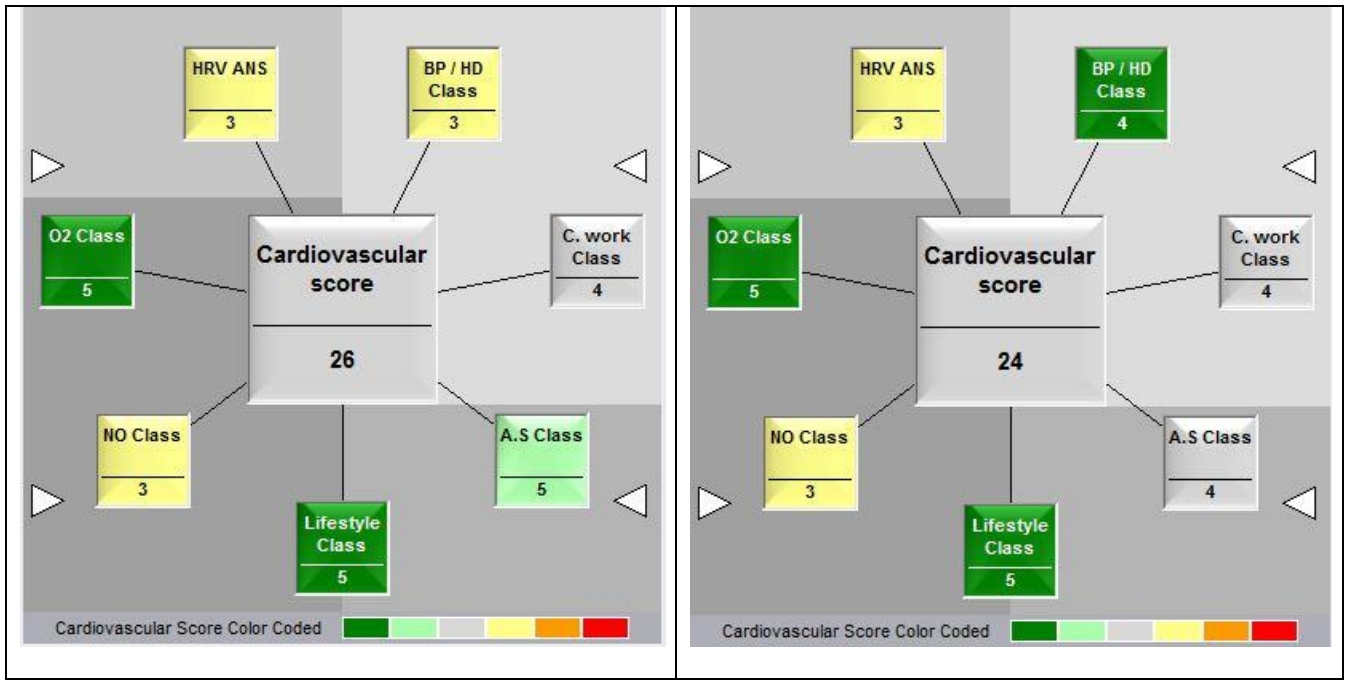

Figure 19: Cardiovascular score before (left) and after 30 minutes (right) of application of the Oil.

Blood oxygenation increased from a normal value of 95% to a very good blood oxygenation level of 97% (by 2.1%). This level of blood oxygenation value is high enough to provide good oxygenation to the body tissues. Body fat mass is too low at 13.6% causing, of course Fat free mass to be high (86.4%). Total body water is too high (63.2%), although the proportion of intracellular water (55%) and extracellular water (45%) is normal. Body mass index is also normal (19.9). As expected, these values did not change much after application of Oil.

Participant 3

A) EPI/GDV

The following 2 images (Figures 20 and 21) show Participant 3's Area and Symmetry results – before and one hour after application of Oil on the wrists. Both Area and Symmetry are presented together.

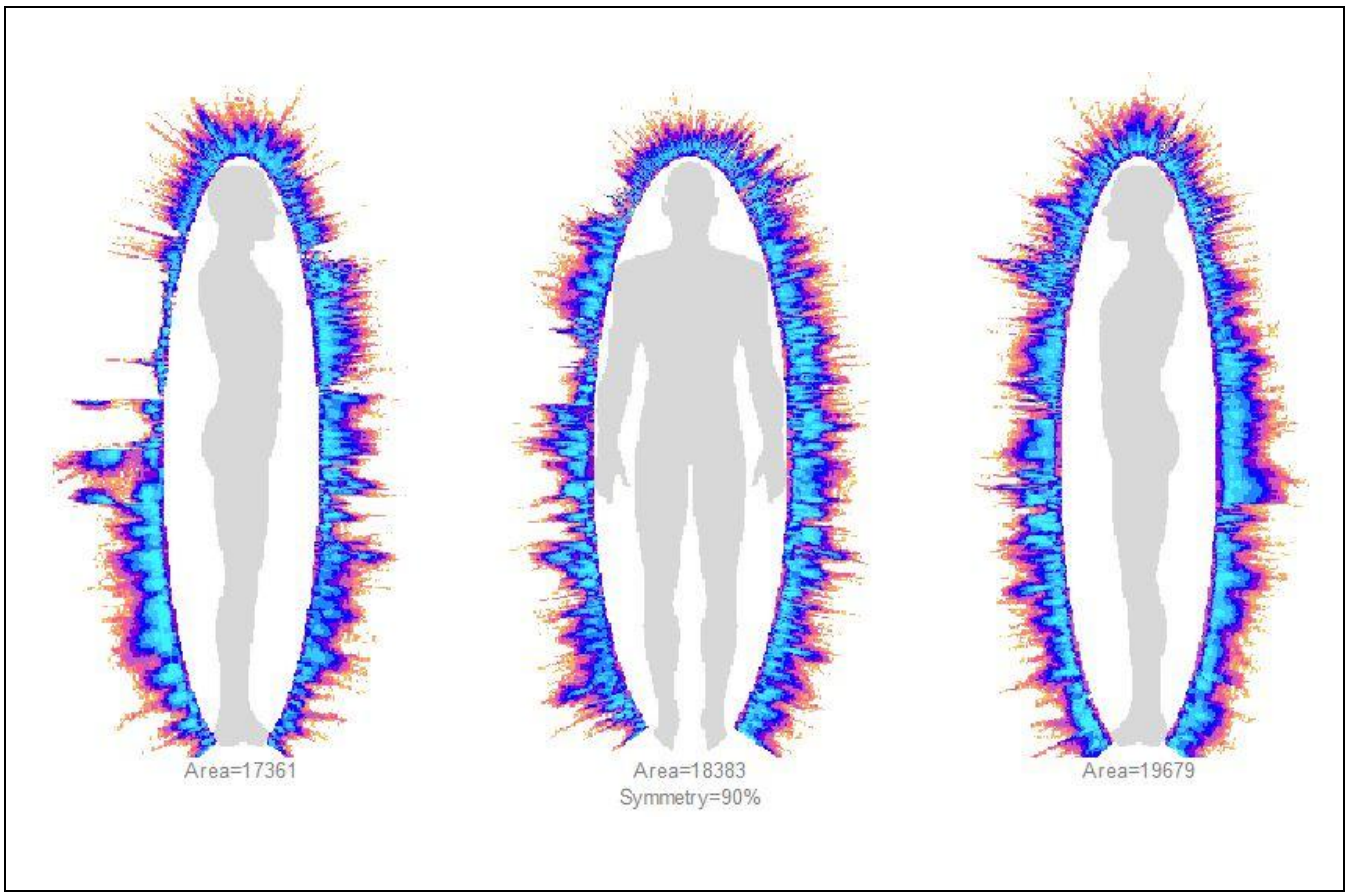

Figure 20: Participant 3's baseline Frontal Area value (middle image) is 18,383 (in camera pixels), the left image (right side of the body) is 17,361 and the right image (left side of the body) is 19,679. Area represents the overall strength and coherence of the energy of the biofield as emitted from the corona discharge around the finger tips. The normative range is considered healthy above 14,000; and a change of more than 10% is considered significant. The Area of the right image (19,679) is higher than the frontal Area value (middle image, 18,383) by 7.0% (not significant) and also higher than the left image by 13.4% (significant). The Area of the left image (17,361) is smaller than the middle image by 5.6% (not significant). The Symmetry of the Frontal Area (middle image) measures the uniformity of the biofield as emitted from the left and right sides of the body. Here the Symmetry value is 90%, which is considered excellent on the scale of normative healthy ranges (best is above 90%, between 80% and 90% is acceptable, below that there might be some problems).

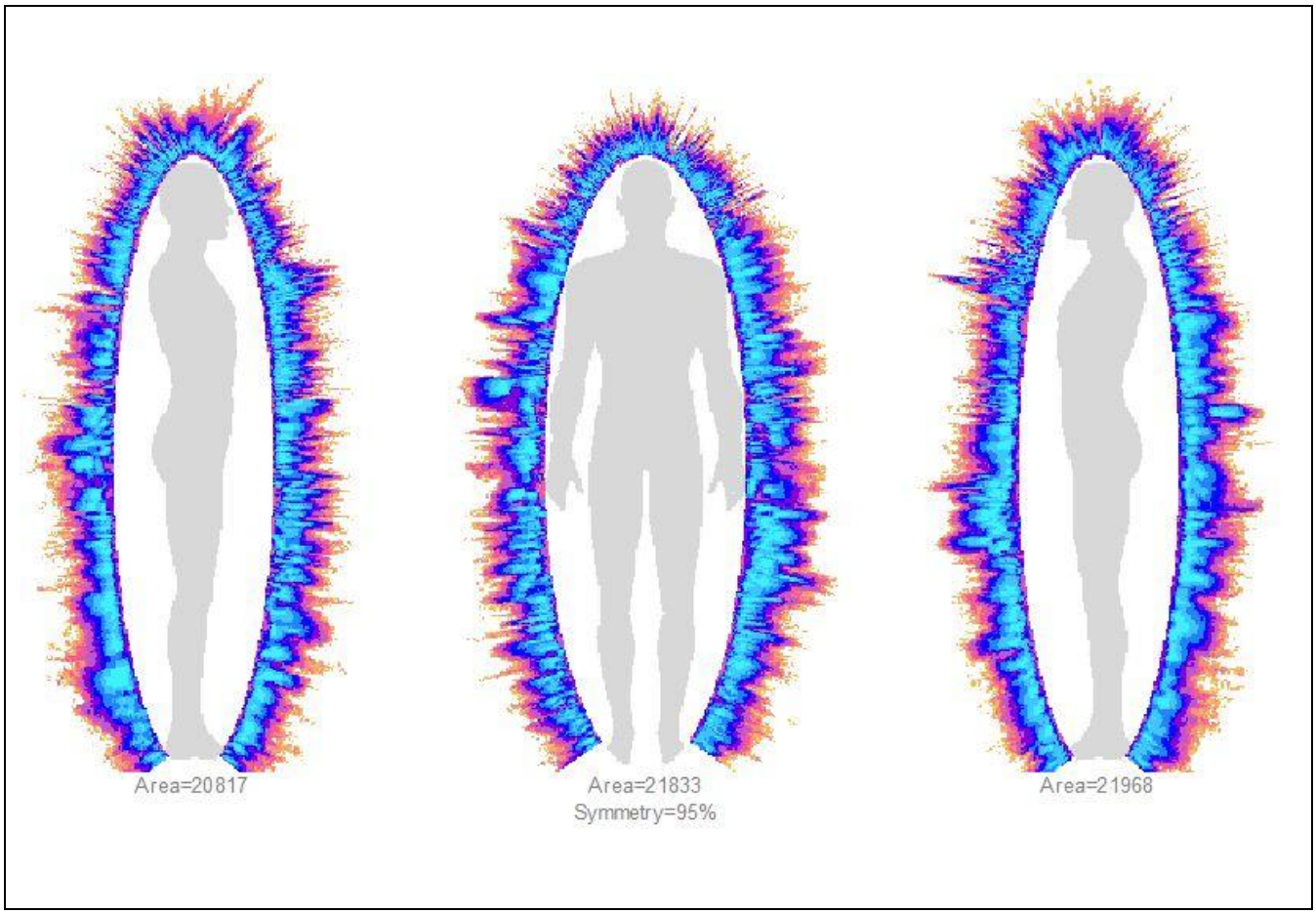

Figure 21: One hour after administration of 2 Oil drops on the wrists, Participant 3's Frontal Area value is 21,833, a significant increase by 18.8% from the same value before (baseline value, Figure 20). The left image Area value is 20,817, an increase by 19.9% and the right image is 21,968, an increase by 11.6%, showing that all 3 images increased significantly over the corresponding baseline values. These values clearly show an increase in energy. It is also to be noted that the difference in Area between the 3 images after administration of Oil as decreased, indicating a redistribution of the energy toward a better balance. The Symmetry value confirms this conclusion as it is now at 95%, an increase by 5.6%, not significant, but indicative of a better energy balance between the left and right sides of the body.

The next 4 images present Participant 3 radial diagrams of the energy value for each measured organ and the value of the Activation Coefficient before and after application of Oil (Figures 22 and 23).

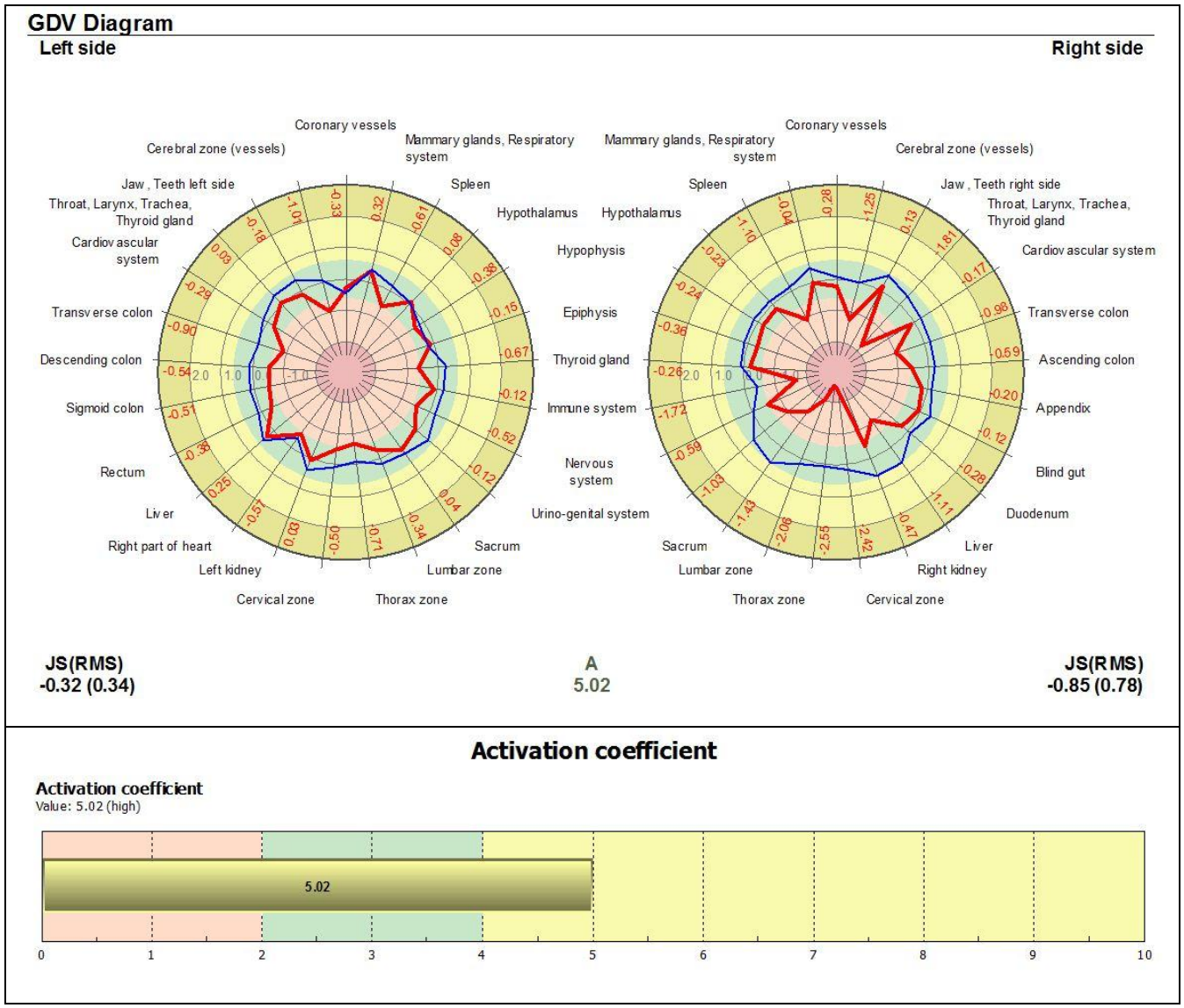

Figure 22: For Participant 3's red circular patterns of lines, there are a few values in the Pink area on left radial chart (Cerebral zone, Transverse colon, Thorax zone, Thyroid gland, and Spleen) most of which are barely dipping into the Pink zone (except for Cerebral zone which is clearly dipping in the Pink zone). The situation is different for the right radial chart where many values are clearly inside the Pink zone (these are: Spleen, Immune system, Urino-genital system, Sacrum, Lumbar zone, Thorax zone, Cervical zone, Liver, Transverse colon, Throat, Larynx and Trachea, and Cerebral zone). A few of these are even in the dark Pink zone, meaning they are deeply deficient (Lumbar zone, Thorax zone and Cervical zone). It can be concluded that there were quite a bit of emotional or psychological imbalances associated with these deficient organs or body zones. There are no deficiencies or excesses for the blue patterns of lines on both left and right radial charts, meaning the energy of the organs is normal. There are no excesses for the red pattern of lines on both the left and right radial charts. The number below the letter "A" (5.02) at the bottom of the radial charts is the Activation Coefficient and it is a measure of stress. The bottom image show that this value is above the normal range (in the yellow area on the right of the number 4) and means Participant 3 came in the laboratory with a relatively high level of stress.

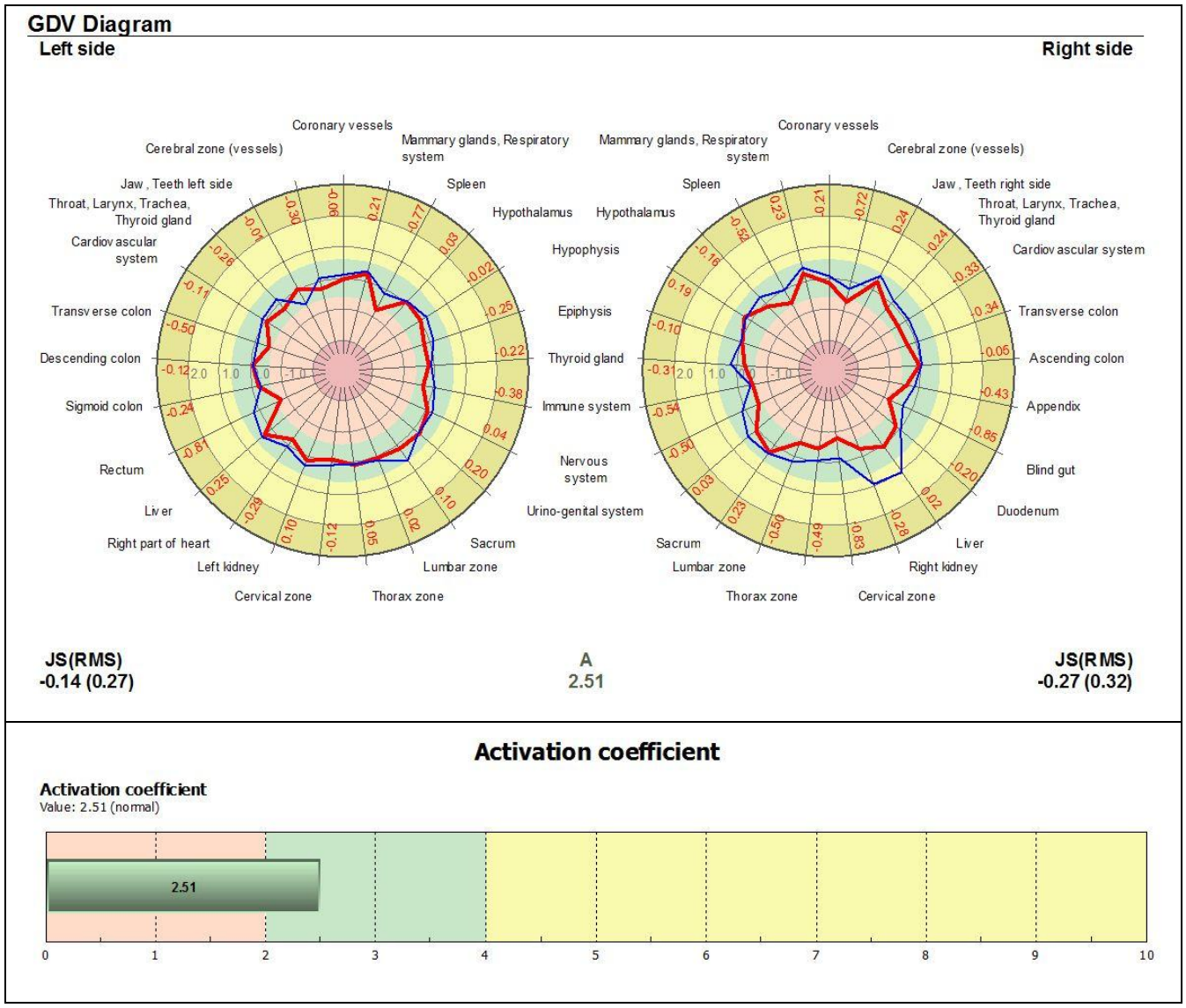

Figure 23: One hour after application of the Oil drops, the red circular patterns of lines show a very clear improvement with only some values barely in the Pink area (these are for the left radial chart: Rectum and the Spleen; for the right radial chart: Cervical zone, Blind gut and Cerebral zone) . There are no deficiencies for blue patterns of lines on either left or right radial charts but there are two excesses on the right radial chart (Right Kidney and Liver). For the red patterns of lines, the increase in the size of the left radial chart is 6.7% and for the right radial charts it is 27.0%, a very significant increase. This brings the right radial chart to a size that is similar to the left radial chart, increasing balance in the flow of energy. The Activation Coefficient decreased to 2.51, a very significant decrease by 50%, showing that Participant 3 became much more relaxed after application of the Oil.

A summary of these results is presented in Table 7 below.

TABLE 7: SUMMARY OF GDV RESULTS FOR PARTICIPANT #3

Energy Images:						
	Before		**After**		**% Change**	
Left image	17361		20817		19.9%	is right side of body
Frontal	18383		21833		18.8%	front body
Right image	19679		21968		11.6%	is left side of body
		% Change		**% Change**		
Left vs. Front		-5.6%		-4.7%		
Right vs. Front		7.0%		0.6%		
Left vs. Right		-13.4%		-5.5%		
Symmetry	90		95		5.6%	
Radial Charts Overall Size:						
Red Patterns						
	Before		**After**		**% Change**	
Left	2.68		2.86		6.7%	
Right	2.15		2.73		27.0%	
Blue Patterns						
	Before		**After**		**% Change**	
Left	3.08		3.05		-1.0%	
Right	3.18		3.11		-2.2%	
Activation Coefficient:						
Before	5.02	**After**	2.51	**% Change**	-50.0%	

Next, the GDV software also includes an analysis of the chakras based on the energy levels of the meridians corresponding to the measured organs (called Virtual Chakras by the software). Figures 24 and 25 present Participant 3's chakras energy levels and balance for Baseline and one hour after administration of 2 drops of Oil.

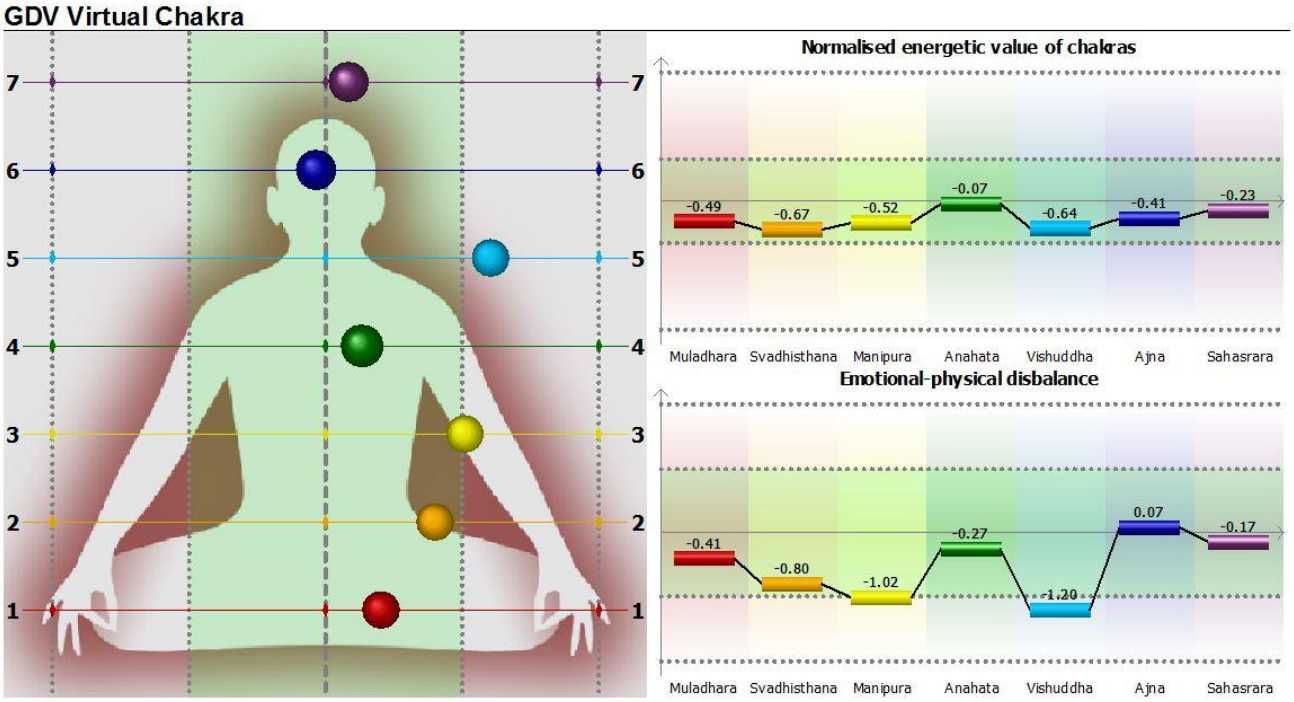

Figure 24: For all three graphs in the image above, the normal position is contained within the Green area. The size of the balls in the left diagram indicates the relative outpouring of energy from each chakra (the values determining the ball sizes are in the upper right part entitled “Normalized energetic value of chakras”). Balance is represented by the position of the balls in the left diagram. In this diagram, if the balls are left of the middle line, the position indicates a physical, masculine focus and if the balls are on the right an emotional, feminine focus is indicated. The values determining the position of the chakras in the left diagram are plotted on the lower right chart entitled “Emotional-physical disbalance”. In the case of Participant 3 before application of the Oil (baseline measurement), two chakras were out of the Green zone (Manipura ,yellow ball and Vishuddha, blue ball), meaning that they were quite out of balance with one more chakra (Svadhistana, orange ball) very close to being out of balance to the left (female, receptive) side.

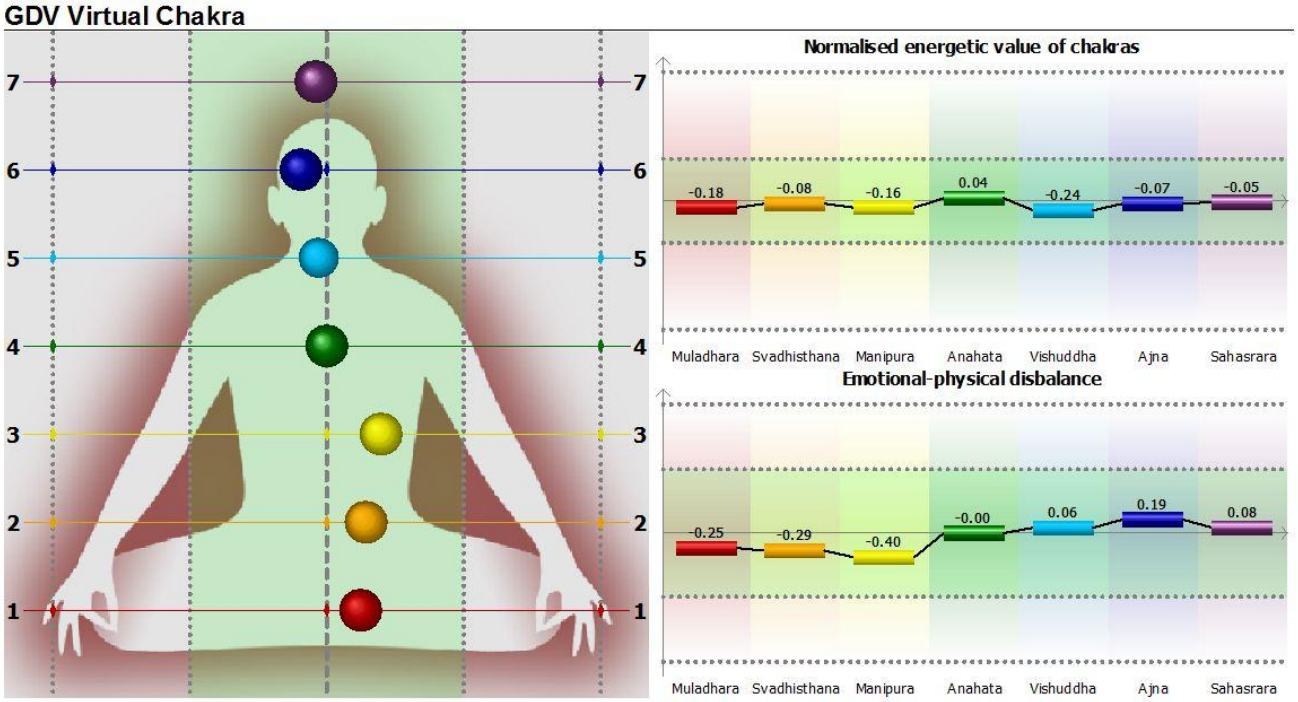

Figure 25: One hour after the application of 2 drops of Oil, there is a visible improvement in both the balance and the energy (size of the balls) of all the chakras.

Looking at Figures 24 and 25 it is clear that the size of the chakras (Normalized energetic value of chakras) and their left-right position (Emotional-physical disbalance), respectively, improved after application of the Oil. Details of the number in Figures 24 and 25 are presented in Table 8 below.

TABLE 8: ANALYSIS OF VIRTUAL CHAKRA DATA

	Normalized energetic values			Emotional-physical disbalance		
Chakra Name	**Before**	**After**	***Diff**	**Before**	**After**	**Diff**
Muladhara	-0.49	-0.18	0.31	-0.41	-0.25	0.16
Svadhisthana	-0.67	-0.08	0.59	-0.8	-0.29	0.51
Manipura	-0.52	-0.16	0.36	-1.02	-0.40	0.62
Anahata	-0.07	0.04	0.11	-0.27	0.00	0.27
Vishuddha	-0.64	-0.24	0.4	-1.20	0.06	1.26
Ajna	-0.41	-0.07	0.34	0.07	0.19	0.12
Sahasrara	-0.23	-0.05	0.18	-0.17	0.08	0.25
Mean	**-0.43**	**-0.11**	**0.33**	**-0.54**	**-0.09**	**0.46**
****SD**	**0.22**	**0.09**	**-0.12**	**0.47**	**0.22**	**-0.25**

Diff: Difference; SD: Standard deviation

It can be seen from Table 8 “Normalized energetic values” columns that the mean size of the balls increased by 0.33 (from -0.43 to -0.11) and that their sizes became more similar (SD decreased by 0.12, from 0.22 to 0.09). So the mean energy of the chakras increased visibly while their sizes became more uniform after application of the Oil. The mean left-right position of the chakras became a lot more centered after application of the Oil (from -0.54 to -0.09, from the female, receptive side to a more centered position) while the SD of their left-right position became much less (from 0.47 to 0.22), meaning the dispersion of the chakras around the mean value decreased quite a bit.

B) ES Teck

Results for Participant 3 are presented in Table 9 below. Details of the interpretation of the parameters and their units are shown in Appendix B which shows the report generated by the ES Teck software for Participant 1 as an example.

TABLE 9: SUMMARY OF ES TECK RESULTS FOR PARTICIPANT #3

Participant 3	Before	After	% Diff
Systolic pressure	126.0	123.0	**-2.4%**
Diastolic pressure	75.0	77.0	**2.7%**
Heart rate	67.0	65.4	**-2.4%**
HRV HF (High frequency)	28.91	30.71	**6.2%**
HRV LF (Low frequency)	62.22	22.74	**-63.5%**
HRV (LF/HF)	2.15	0.74	**-65.6%**
Systemic vascular resistance (SVR)	1053	1082	**2.8%**
Cardiac index (CI)	3.5	3.4	**-2.9%**
Stiffness index (SI)	10.8	10.8	**0.0%**
Reflection index (RI)	80.0	90	**12.5%**
b/a (left ventricle ejection power)	-0.68	-0.60	**11.8%**
-d/a (marker of hypertension)	0.61	0.64	**4.9%**
SpO2%	96.0	95.0	**-1.0%**
Intra-cellular water (lbs)	60.0	60.5	**0.8%**
Extra-cellular water (lbs)	60.0	53.7	**-10.5%**
Total body water (lbs)	120.0	114.2	**-4.8%**
Dry lean mass (lbs)	43.9	41.8	**-4.8%**
Body fat mass (lbs)	11.1	19.0	**71.2%**
Intra-cellular water (%)	50.0	53.0	**6.0%**
Extra-cellular water (%)	50.0	47.0	**-6.0%**
Total body water (%)	68.6	65.3	**-4.8%**
Dry lean mass (%)	25.1	23.9	**-4.8%**
Body fat mass (%)	6.3	10.9	**71.2%**
Body mass index	23.7	23.7	**0.0%**

Heart rate was normal and decreased slightly (by 2.4%) while systolic pressure also decreased by an insignificant amount of 2.4% and diastolic pressure increased by an insignificant 2.7% after application of Oil. The result of -d/a (a marker of hypertension) increased by an insignificant amount of 4.9%, remaining above the normal range (0.12 – 0.48). Systemic Vascular Resistance (SVR) did not change much (increased by 2.8%, remained in the normal range) and CI had a small decreased by 2.9% (which brought it back to the high end of the normal range). These measures show that application of the Oil did not change the cardiovascular function by much. Supporting that conclusion, there is no change in SI (which remained above the normal range). The change in Reflection Index (RI) is more substantial (12.5%) indicating a moderate increase in stiffness of the small and middle size arteries (making it more above the normal range that it was before). This increase in small arteries stiffness is reflected in a comparable increase (11.8%) in left ventricle ejection power (b/a) that is necessary to maintain good output. LF/HF decreased significantly (65.6%), indicating a decrease in stress of the cardiovascular system. Of all the indicators of cardiovascular stress, only RI and b/a show an increase in stress. So it can be concluded that if there is a small increase in the stress of the cardiovascular system that is due to an increase in small and middle size arteries stiffness. These measures are summarized in the Cardiovascular score before and after as can be seen from Figure 26 (an explanation of each class can be found in Appendix A). As you can see the Cardiovascular Score went from 20 to 21, an insignificant increase by 5%, showing that the cardiovascular stress does not cause a problem to the cardiovascular system.

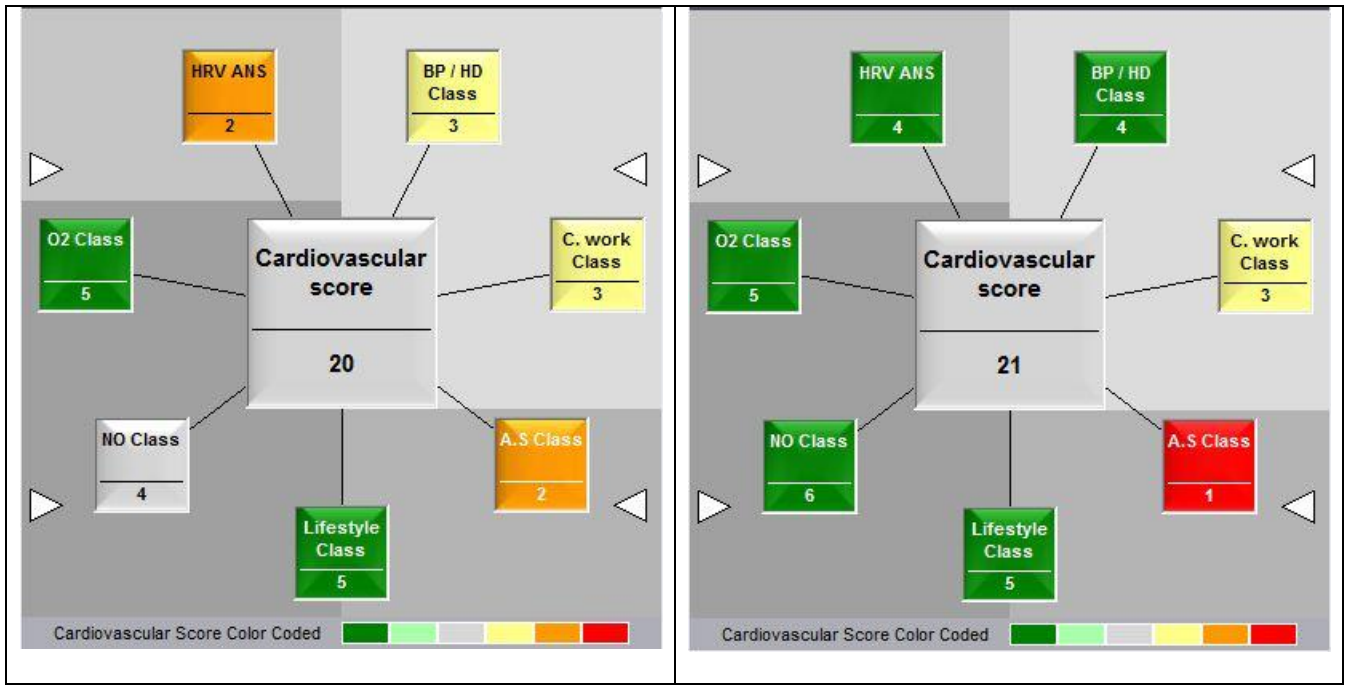

Figure 26: Cardiovascular score before (left) and after one hour (right) of application of the Oil.

The most important change in Cardiovascular Score before and after application of Oil is in the A.S. Class (corresponding to arterial stiffness) which showed a worse condition. Most of the other Classes composing the Cardiovascular Index improved, showing that the cardiovascular system was able to cope well with the increase in arterial stiffness. Blood oxygenation started at a normal value of 96% and decreased only by 1% to 95%, an insignificant change. This level of blood oxygenation value is enough to provide good oxygenation to the body tissues. Body fat mass is also too low for Participant 3 at 6.3% only, causing the Fat free mass to be very high (93.7%). Total body water is high too (68.6%). Although the proportion of intracellular water to extracellular water is the same at 50% it is not normal as it is expected that a normal person would have slightly more intracellular water than extracellular water. This situation becomes normal after application of Oil. Body mass index is normal (23.7%). After application of Oil, Body fat mass increased significantly from 11.1 lbs to 19 lbs (6.3% to 10.9%). I believe this is an artifact from the machine due to the very low body fat mass of this person as there is no reason to believe there should be a change in body fat mass when the person did not eat in between measurements.

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5. Discussion

Participant 1

A) GDV

The EPI/GDV Energy images show an increase in left side, right side and front energy 30 minutes after application of 2 Oil drops on the wrists. She started with higher energy in the left side of the body (right image) which increased even more after application of Oil. This overall indicates an increase in energy. Symmetry also improved a bit from 93% to 94%, meaning the energy was more evenly distributed. The radial charts confirmed the results from the Energy images in that the size of the red patterns of lines became larger on both left and right sides. There were deficiencies in some organs and body systems before which became much more normal after application of the Oil. The Activation Coefficient showed that Participant 1 was a bit stressed when coming into the lab but was more relaxed after Oil application. The size of the chakras also corroborated an increased in energy which also became more uniform (meaning the balls of the different chakras were more similar in size) indicating a better distribution of the energy. It can be concluded that the GDV was able to document changes in a positive direction (higher energy, more balance and more relaxed) even though most of these positive changes were less than 10%.

B) ES Teck Complex

Participant 1 heart rate increased from 71 beats per minutes to 73 beats per minutes, a small increase by 2.5%. Systolic and diastolic pressure increased by about 20% after application of Oil, making them above the threshold for hypertension (140/90). This is consistent with the result of -d/a (a marker of hypertension) which also increased by about 20%. Also consistent, is an increase in Systemic Vascular Resistance (SVR) by more than 50% (from a normal to excessive value), a decrease in cardiac output (measured by CI) by a little less than 20% (from a normal value to a value that is below the normal range), and an increase of left ventricle ejection power (b/a) by 38.7% (needed to keep pumping blood efficiently through a network of arteries that offer more resistance). These measures show that the increase in blood pressure is most likely because of an increase in vascular resistance which is likely due constriction of blood vessels (not a change in blood viscosity which cannot happen so quickly). Furthermore, from the changes in Stiffness Index (SI), which increase by 8.7% and is an indicator of large arteries stiffness, and Reflection Index (RI), which increases by 80% and is related to small and middle size arteries stiffness, it is clear that the increase in blood pressure is mainly due to an increase in small and middle size arteries stiffness and constriction. LF/HF increased significantly over the same period (by 64.2%) also indicating an increase in stress of the cardiovascular system. Blood oxygenation decreased from a normal value of 95% to a low blood oxygenation level of 90%. This level of blood oxygenation is low enough to cause stress. This could happen if

Participant 1 was breathing more superficially due increased stress. Body fat mass is too low at 16.2% causing, of course, Fat free mass to be high (83.6%). Total body water is high too (61.4%), although the proportion of intracellular water (54%) and extracellular water (46%) is normal. Body mass index is also normal (23.6). As expected, these values did not change much after application of Oil.

Participant 2

A) GDV

The EPI/GDV Energy images show a small, non-significant, increase in overall energy 30 minutes after applications of the Oil drops for all 3 images (left, right and frontal view). Just as in the case of Participant 1, Participant 2 had higher energy in the right image (left side of the body) which became more pronounced after Oil application. Symmetry increased insignificantly from 91% to 92%; still, this is in the direction of increased balance. The radial charts confirmed the results from the Energy images. There was a clear increase in the red pattern of lines for the left radial chart but basically no change to the right radial chart. For the red pattern of lines, the pattern of deficiencies decreased quite a bit on the left side but did not change much on the right side. One excess in the left Jaw and Teeth normalized. This is significant in that this subject had temporomendibular joint disorder in the past and wears a special spacer in her mouth to prevent pain. The Activation Coefficient was just above normal range and basically did not change, indicating a level of stress above normal to start with and that did not change after Oil application. The chakras energy almost did not change and their position remained the same. The main result shown by the GDV for Participant 2 is a rebalancing of the energies to bring more energy to the left side and more balance overall.

B) ES Tech Complex

The heart rate of Participant 2 was normal (74 beats per second) and decreased slightly to 69 beats per second after application of Oil (by 7.4%). Systolic pressure increased by about 6% while diastolic pressure did not change after application of Oil. This is consistent with the result of -d/a (a marker of hypertension) which also increased by about 6% (but remained in the normal range). Systemic Vascular Resistance (SVR) did not change much (decreased by 0.3% but remained higher than the normal range) and CI did not change at all (staying in the normal range). These measures show that application of the Oil did not change the functioning of the cardiovascular by much. Supporting that conclusion, the changes in SI is very small (1.1%, remaining in the normal range). However, there is a significant increase in RI (33%) which suggests an increase in small and middle size arteries stiffness but the value remained in the normal range, the before value being in the low region of the normal range. In effect, the initial value of RI was 30% and the increase brought the value more into the normal range at 40%. The Left ventricle ejection power (b/a) also changed insignificantly

(decrease by 3.1%). LF/HF increased significantly (36%), indicating an increase in stress of the cardiovascular system. Of all the indicators of cardiovascular stress, LF/HF is the only one showing a clear increase in stress. It is also the measurement considered the most sensitive. So it can be concluded that there is a quite small increase in the stress of the cardiovascular system. The Cardiovascular score before and after as can be seen from Figure 19 went from 26 to 24, an insignificant decrease by 8% that is consistent with a small increase in cardiovascular stress. Blood oxygenation increased from a normal value of 95% to a very good blood oxygenation level of 97% (by 2.1%). This level of blood oxygenation value is high enough to provide good oxygenation to the body tissues. Body fat mass is too low at 13.6% causing, of course Fat free mass to be high (86.4%). Total body water is too high (63.2%), although the proportion of intracellular water (55%) and extracellular water (45%) is normal. Body mass index is also normal (19.9). As expected, these values did not change much after application of Oil. In conclusion, the application of Oil increased slightly the level of stress of the cardiovascular system of Participant 2.

Participant 3

A) GDV

The EPI/GDV Energy images show significant changes before and one hour after administration of 2 drops of Oil. All 3 images (left side, right side and front view) increase by more than 10%. The right image (corresponding to the left side of the body) has a significantly higher energy level than the left side before Oil application (by 13.4%). After Oil application both became very similar (5.5%) indicating an increase in balance. Symmetry confirms this result. It was good at 90% and improved to 95% (5.6% improvement), the largest improvement of the 3 participants. Confirming this result, the right radial chart showed a big improvement (by 27%) so much that most of the deficiencies were gone one hour after application of Oil. This brought the right radial chart to a size that is similar to the left radial chart, increasing balance and flow of energy. The Activation Coefficient was above normal (5.02) at the beginning of the session (the highest of all 3 participants) and decreased very significantly to 2.51% (a decrease by 50%) after application of the Oil, becoming the lowest for the 3 participants. The chakras images agree with the Energy diagrams and radial charts. The size of the chakra (corresponding to their energy level) increased significantly while their dispersion decrease significantly and their left-right position became much more centered than before application of the Oil. It can be concluded that Participant 3 had the most positive reaction to the application of the Oil. Participant 3 was probably the participant with the worst health condition, being scheduled for a knee operation a few weeks after the study. It must be noted too that Participant 3 was re-tested one hour after application of Oil compared to 30 minutes for the other 3 participants.

B) ES Teck Complex

Heart rate was normal and decreased slightly (by 2.4%) while systolic pressure also decreased by an insignificant amount of 2.4% and diastolic pressure increased by an insignificant 2.7% after application of Oil. The result of -d/a (a marker of hypertension) increased by an insignificant amount of 4.9%, remaining above the normal range. Systemic Vascular Resistance (SVR) did not change much (increased by 2.8%, remained in the normal range) and CI had a small decreased by 2.9% (which brought it back to the high end of the normal range). These measures show that application of the Oil did not change the cardiovascular function by much. Supporting that conclusion, there is no change in SI (which remained above the normal range). The change in Reflection Index (RI) is more substantial (12.5%) indicating a moderate increase in stiffness of the small and middle size arteries (making it more above the normal range than it was before). This increase in small arteries stiffness is reflected in a comparable increase (11.8%) in left ventricle ejection power (b/a) that is necessary to maintain good output. LF/HF decreased significantly (65.6%), indicating a decrease in stress of the cardiovascular system. Of all the indicators of cardiovascular stress, only RI and b/a show an increase in stress. So it can be concluded that if there is a small increase in the stress of the cardiovascular system that is due to an increase in small and middle size arteries stiffness. These measures are summarized in the Cardiovascular score before and after as can be seen from Figure 26 (an explanation of each class can be found in Appendix A). As you can see the Cardiovascular Score went from 20 to 21, an insignificant increase by 5%, more consistent with a very small improvement of the cardiovascular functioning. So the small increase in stiffness of the small and middle size arteries did not cause an increase in stress of the cardiovascular system. Blood oxygenation started at a normal value of 96% and decreased only by 1% to 95%, an insignificant change. This level of blood oxygenation value is enough to provide good oxygenation to the body tissues. Body fat mass is also too low for Participant 3 at 6.3% only, causing the Fat free mass to be very high (93.7%). Total body water is high too (68.6%). Although the proportion of intracellular water to extracellular water is the same at 50% it is not normal as it is expected that a normal person would have slightly more intracellular water than extracellular water. This situation becomes normal after application of Oil. Body mass index is normal (23.7%). After application of Oil, Body fat mass increased significantly from 11.1 lbs to 19 lbs (6.3% to 10.9%), an increase by about 8 lbs. Since Participant 3 did not eat between measurements, this is clearly an artifact from the machine due to the very low body fat mass of this person.

Participant 3 showed the highest increase in energy as shown by the GDV (an increase by about 20%) and a balancing effect or redistribution of the energies all over the body as well as a deep relaxation. Application of Oil seemed to cause a small increase in small and middle size artery stiffness that the cardiovascular system was able to handle well. These

results suggest a healing crisis in that the body may be trying to lower the body internal inflammation that is causing arthritis of the knee.

6. Conclusion

For Participant 1, the GDV showed an increase in energy, balance, and a reduction in overall body organs and systems stress after 30 minutes of application of a few drops of Oil on the wrists. On the other hand, ES Teck Complex measured an increase in cardiovascular stress 30 minutes after application of 2 drops of Oil. Combining the results from each machine, the net effect of Oil application was to increase energy and balance by activating all body systems. This cause a certain stress in the cardiovascular system which should be temporary. It is not known how long this activation will last but this could be measured in a longitudinal study.

For Participant 2, the GDV showed a redistribution of the energies toward a better balance 30 minutes after application of Oil such that excesses and deficiencies were reduced. The ES Teck showed a small increase in the stress of the cardiovascular system. These results are consistent with an improvement in energy circulation causing a minor stress of the cardiovascular system, in a similar way as that was seen for Participant 1 but at a smaller level.

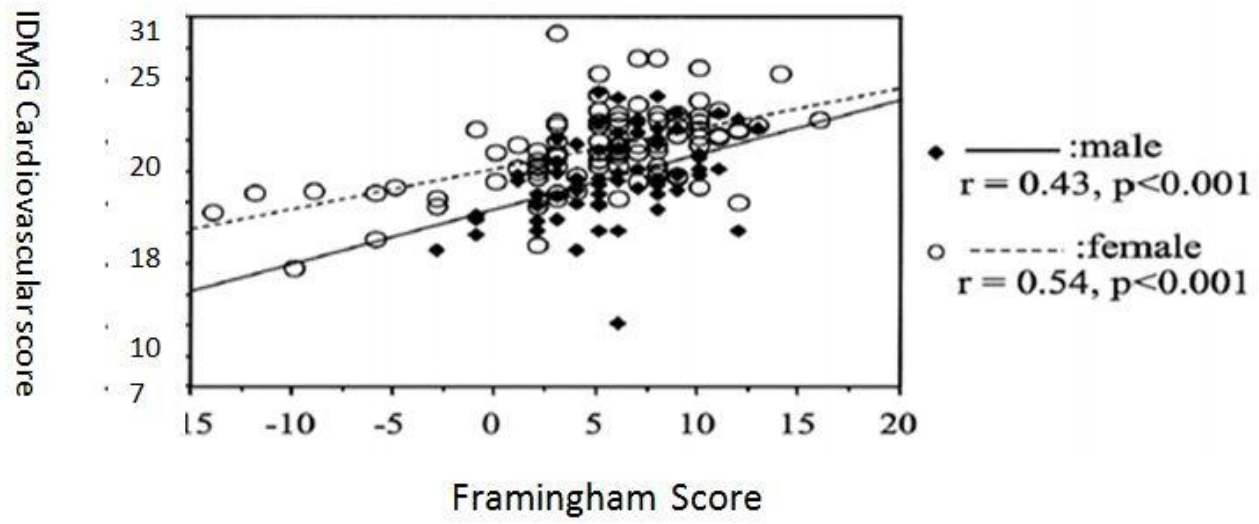
Participant 3 showed the highest increase in energy as shown by the GDV (an increase by about 20%) and a balancing effect or redistribution of the energies all over the body as well as a deep relaxation. Application of Oil seemed to cause a small increase in small and middle size artery stiffness that the cardiovascular system was able to handle well. These results suggest a healing crisis in that the body may be trying to lower the body internal inflammation that is causing arthritis of the knee.

In conclusion, all 3 participants benefitted from application of Life Source Oil on the wrists. Participant 3, the participant with most likely the worst health condition, benefitted the most. Benefits included: increase in energy (2 participants) increased balance (all 3 participants) and reduced stress (2 participants). The ES Teck Complex documented that while that was happening, there was an increase in the stress of the cardiovascular system to some extent, indicating that the extra energy and balance increased the activities of the cardiovascular system which is plays a critical role in healing.

APPENDIX A: Cardiovascular Score and the Framingham Score

Cardiovascular score

Patient cardiovascular score from 7 to 31 i.e. the color coded for results. The cardiovascular score estimates the factor risks and should be equivalent to the Framingham score to predict cardiovascular events

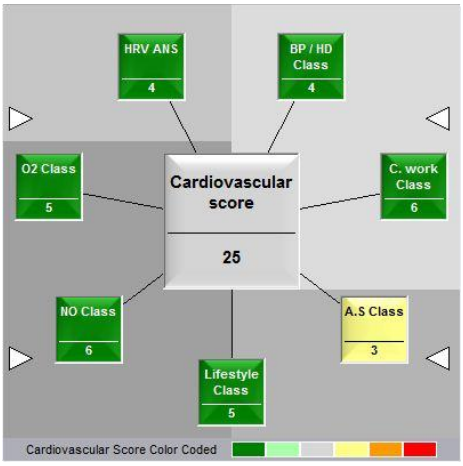


HRV ANS
Classification from 1 (worst score) to 6 (best score) related to autonomic nervous system estimated from the heart rate variability analysis

O2 Class
Classification from 1 (worst score) to 5 (best score) related to the oxygen level and distribution

NO Class
Nitric oxide (NO) is produced by many cells in the body; however, the estimated NO Class is related to the microcirculation (capillary).

Lifestyle Class
Classification from 1 (worst score) to 5 (best score) related to the body composition and life style



BP / HD Class
Classification from 1 (worst score) to 4 (best score) related to the blood pressure measurement and hemodynamic indicators

C. work Class
Classification from 1 (worst score) to 6 (best score) related to the heart work

A.S Class
Classification from 1 (worst score) to 6 (best score) related to the arterial stiffness

Psy-Tek Labs, LLC

Non-Invasive Scanning and Subtle Energy Testing Lab

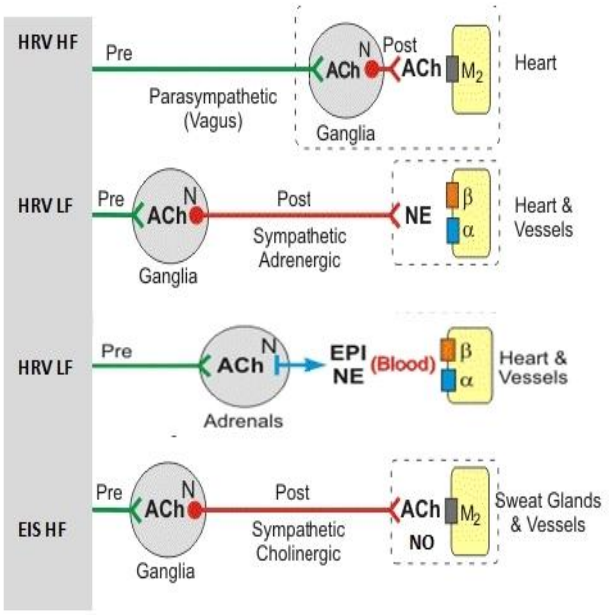
APPENDIX B: EXAMPLE OF ES TECK REPORT

ES Teck Software Status Report

<table>
<tr><td colspan="2">WARNING!
The ES Teck Complex software manages the measurements of the 4 medical devices (EIS-GS, ES-BC, ESO and Contec08A) and displays the devices' data into a computer for enhanced data management. The medical data do not replace any medical examinations.
All results should be considered in the clinical context of the patient's case history, symptoms, known diagnosis, current medications, treatment plan and therapies. Final status report is the sole responsibility of the practitioner.</td></tr>
<tr><td>Subject ID</td><td>Practitioner</td></tr>
<tr><td>First/Last Name: 2SM28</td><td rowspan="2">Address:</td></tr>
<tr><td>Weight : 155.0 Pounds</td></tr>
<tr><td>Height: 5 Feet 8 Inch</td><td rowspan="4">Title:</td></tr>
<tr><td>Date of birth: 10-28-1942</td></tr>
<tr><td>Gender: Female</td></tr>
<tr><td></td></tr>
<tr><td></td><td>Telephone / Fax / E-mail:</td></tr>
<tr><td>Measurement conditions</td><td>Name : Administrator</td></tr>
<tr><td>Examination performed at: 9-20-2012 14 : 21</td><td rowspan="9">Physician’s notes:</td></tr>
<tr><td>Registration method: A1 (69,0,100,34,0) N1 (50,0,100,34,0)</td></tr>
<tr><td>Examination performed with LD Electro Sensors(EIS-GS,ES-BC and ES Oxi) Analyzer Manufactured by L.D Technology. ISO 13485 Owner/Operator Number: 9097859. Establishment Registration Number: 3006146787. CE 0535 Class IIa. 510k number K102166, k103026 and k102442 Class 2 and EC 0535. LD electro sensors are accredited as electrical equipments type BF according to the standards EN 60601-1-1. CEM according to the standards EN60601-1-2</td></tr>
<tr><td>Clinical context</td></tr>
<tr><td>Symptoms :
Check-Up
No symptom, no treatment</td></tr>
<tr><td>Medications :</td></tr>
<tr><td>Daily Activity Level:
Athlete, fitness or athlete morphology
Systolic / Diastolic pressure: 126 / 75</td></tr>
<tr><td>Reason for consultation:</td><td>Signature of the practitioner :</td></tr>
</table>

Autonomic nervous system assessment

Galvanic skin response (GSR) device.
It measures the sweat rate response to an electrical stimulation.
The response is estimated from the conductance values measured between metal electrodes and gel Ag/AgCl electrodes.
Between the foot and hand metal electrodes, the conductance values are related to the post sympathetic cholinergic branch response via NO (Nitric Oxide) production which provides sweat rate response.
Between the forehead Ag/AgCl electrodes, the conductance values are related to the AgCl precipitation on the bulk of the electrodes.
The main indicators of the GSR are :
EIS HF: Indicator of the post sympathetic cholinergic branch response.
Forehead SDC- : Indicator of the sweat Chloride ions concentration.

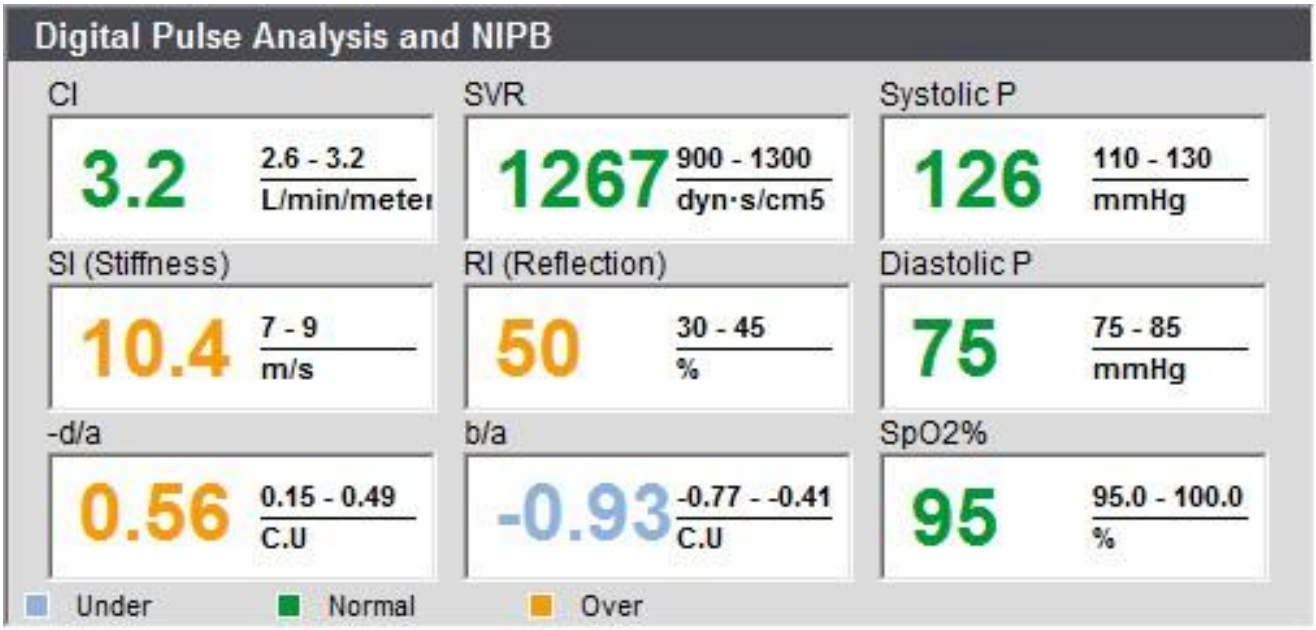


Heart Rate Variability (HRV) is the mathematical analysis of the time between each Heart beat and provides indicators of the Autonomic nervous system activity and it is the gold standard to estimate the autonomic nervous system activity level.
The main indicators of the HRV analysis are:
Heart rate: The number of heart beats per minute
Valsalva ratio: Indicator of the cardiac baroreceptor activity
K30/15: Indicator of the vagal syndrome.
HF %: Main indicator of the parasympathetic activity
LF%: Indicator of post sympathetic adrenergic branch (norepinephrine production) and adrenal medulla secretion (epinephrine and norepinephrine production)
LF/HF: sympathetic/parasympathetic ratio

Indicators	Under	Normal	Over	Values	Norms	Units
Galvanic Skin response ANS Indicators						
EIS HF (0.1875- 0.50 Hz)				22.00	22.00 - 34.00	%
Forehead SDC -				37.04	3.55 - 6.67	microSi
HRV Analysis ANS Indicators						
HR (Heart rate)				71.1	67.0 - 80.0	bpm
K30/15				1.14	> 1.25	C.U
Valsalva				1.09	> 1.20	C.U
HRV HF (High frequency)				29.29	22.00 - 34.00	%
HRV LF (Low frequency)				23.81	22.00 - 46.00	%
HRV LF / HF				0.81	0.50 - 2.00	C.U

SPo2 % and Photoelectrical Plethysmograph

CI (Cardiac index) is a Vasodynamic indicator that relates the cardiac output (CO) to body surface area (BSA).
SVR (Systemic Vascular Resistance) : Indicator of peripheral Resistance to flow that must be overcome to push blood through the circulatory system.
Systolic pressure: refer to the pressure of blood in the artery when the heart contracts. It is the top (and higher) number in a blood pressure reading.
Diastolic pressure: refer to the pressure of blood in the artery when the heart relaxes between beats. It is the bottom (and lower) number in a blood pressure reading.
Stiffness Index: Indicator of the large artery stiffness related to the blood pressure
Reflection Index: Indicator of small and middle size artery stiffness
b/a indicator: Marker of the left ventricle ejection power.
-d/a indicator: Marker of hypertension
SpO2%: Hemoglobin oxygen saturation in percent corresponding to the arterial oxygen pressure. It can be reduced e.g. anemia, hypothyroidism, high altitude, Co2 increased, histotoxic hypoxia (cells cannot use 02) , oxygen-hemoglobin bond increased affinity, sleep apnea or lactic acid excess.

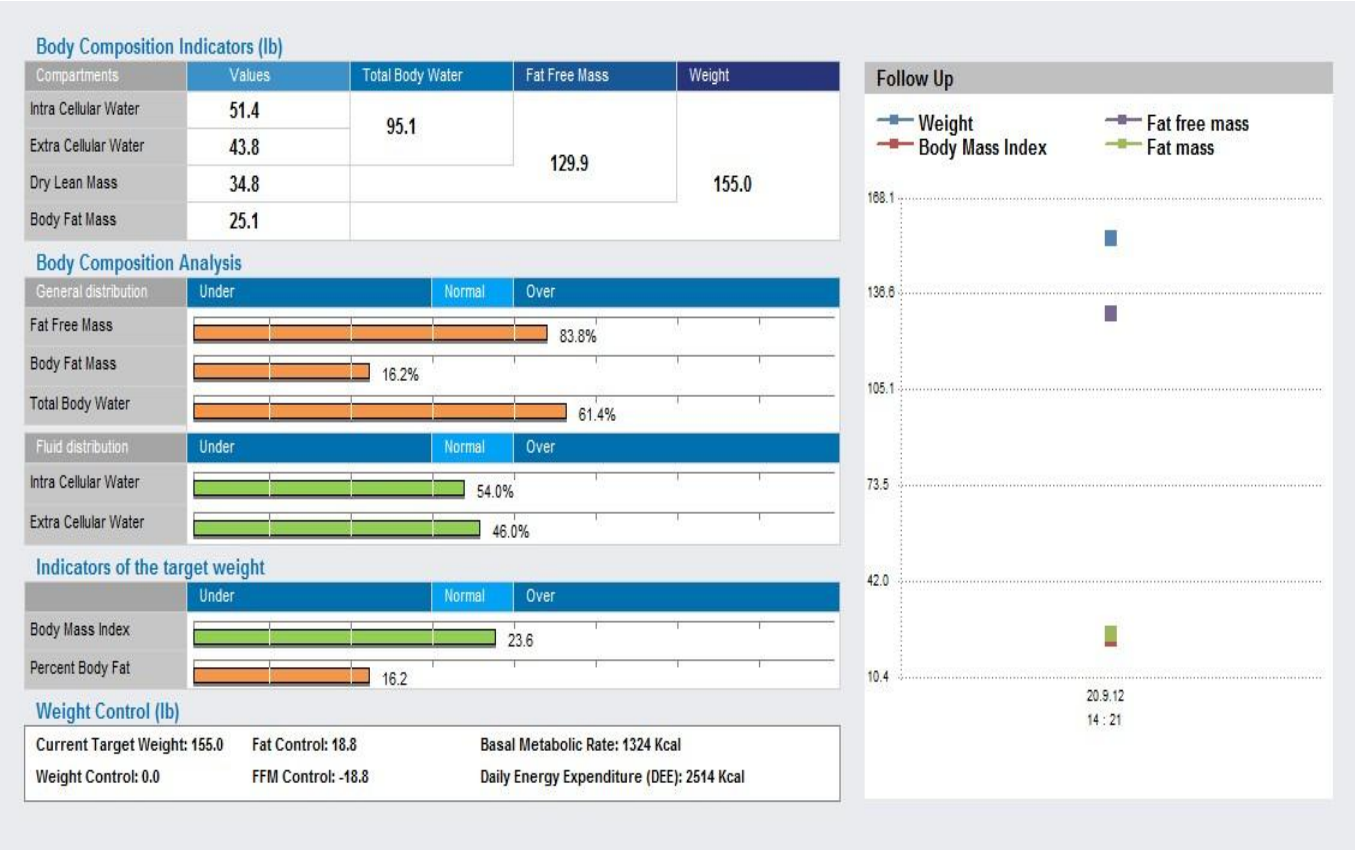


Body composition and follow up

The estimated body composition is made according to the body resistance. The estimated values are calculated from the peer reviews. Please note that these ranges are average values taken from the NHANES-III survey data.

What do the Results Mean?

FAT Mass: Fat is the energy storage of the body. Everybody needs fat in their bodies, but it is important not to have too much.
Fat Free Mass (FFM) : This value is, literally, what would be left after all fat was removed from the body. Many people also Refer to FFM as Lean Body Mass (LBM).
Total Body Water (TBW): Literally, the total amount of water in the body. Since fat is essentially 0% water, TBW is entirely contained within FFM.
Intra-Cellular Water (ICW) : This is the portion of Total Body Water that is located within the body's cells.
Extra-Cellular Water (ECW): This is the portion of Total Body Water that is located outside of the body's cells. Examples of where ECW is found include, but are not limited to blood plasma, spinal fluid, joint fluids, and edema.
Target Weight: This is calculated using a set of standardized formulas.
Body Mass Index (BMI): A person's BMI is equal to their weight in kilograms divided by their height in meters, squared. BMI is commonly used as an indicator of whether someone is overweight.
It is important to note, however, that somebody who is 'overweight' may not necessarily be 'over-fat'. A 5'10'', 300 pounds not athletic and a 5'10'', 300 pounds athletic could have exactly the same BMI.
Basal Metabolic Rate (BMR): Basal Metabolic Rate is the number of calories that a person will use per day, by virtue of simply being alive (i.e., lying still and breathing).



Wire Information:

Company name is:

Psy-tek LLC
Corp Address
1042 N El Camino Real # 145B
Encinitas, CA 92024

Wire information is:

Union Bank of California
PSY-TEK LLC account Name
122000496 routing
0020022361 account