

## GDV/EPI papers on medicine and psychophysiology published in 2008-2018

In 2010 we published review of papers on application of GDV/EPI technology in medicine and psychophysiology published before 2007<sup>1</sup>. Herewith we present list of papers published in 2008-2018.

Citation	N of patients	Field	Summary
<sup>2</sup> Aleksandrova EV	603	Medicine Hypertension	All people were divided into groups according to AH degree and stage and degree of cardio-vascular complications risk in the nearest 10 years. Groups were divided as follows: Control group – 136 people (47 men and 89 women) and experimental group – 467 people (218 men and 249 women). Experimental group was in its turn divided in different ways according to the degree, stage of AH and the risk of cardio-vascular complications. Reliable differences between the control group of healthy patients and groups with various AH degrees and stages were calculated with sufficiently high degree of accuracy which allows to include GDV technique into the population screening.
<sup>3</sup> Augner Chr.,	24	Medicine Psychophysiology	EPI method is efficient tool to detect Stress Reactions and Energetic Weaknesses
<sup>4</sup> Banupriya D	135	Homeopathy	People were divided to 3 groups: Belladonna – 6C, Belladonna – 200C and the placebo group. Analysis showed a statistically significant difference in eight GDV parameters with the trend: Belladonna 6C > Belladonna200C > Placebo.
<sup>5</sup> Berne S.	28	Medicine Psychophysiology	EPI data was correlated with HRV for a group of athletes, Finnish healers and massage therapists. During the healing simulation EPI parameters changed in all groups, however more pronounced changes was found among healers.
<sup>6</sup> Bhargav H,	25	Medicine	Studies have recorded acute effects of Mobile Phone Electromagnetic Fields using EPI and found quantifiable effects on human field. Present manuscript reviews evidences of altered brain physiology and stem cell functioning due to mobile phone/cell tower radiations, its association with increased cancer risk and explores early diagnostic value of EPI imaging in detecting EMF induced changes on human bio-electromagnetic field.
<sup>7</sup> Bhargav P	30	Medicine Mobile phone	After mobile phone influence, different subtle energy variables showed reduction in energy levels as compared to control. Adding simultaneous practice of <i>Nadishuddhi</i> Yoga did not enhance subtle energy in any of the organs.
<sup>8</sup> Bhat RK	102	Medicine Diabetes	29 control, 13 prediabetic, and 60 diabetic. Fasting blood sugar (FBS) correlates differently in the control, prediabetic, and diabetic groups. In the prediabetic group, correlation of FBS with EPI parameters pancreas and right kidney is noteworthy and in line with latest findings in medical research.
<sup>9</sup> Boulter C	39		A pre-test GDV was conducted at the Movenpick Hotel in Giza. Special permission was granted by the Supreme Council of Antiquities for private entry into the Great Pyramid for 2 hours beginning at sunrise on 10-10-10. People entered the Kings Chamber one by one, they stepped into the granite coffer with 4-inch stone walls and laid down for 2 minutes immediately after being tested on the GDV/EPI. The data showed that mean

			Chakra values were positive approaching 0.00 balance Inside the Pyramid. Before and After mean values show a greater range with both positive and negative values indicating less balance. On the Area of Energy Field 3 people demonstrated increase of Energy Field inside the Pyramid compared with Before data, 2 people did not change, and 25 people demonstrated decrease of Energy Field inside the Pyramid compared with Before data.
<sup>10</sup> Buck KH	26	Medicine Oncology	Results demonstrate the efficiency of GDV for follow up dynamics of cancer treatment.
<sup>11</sup> Bulatova TE	1676		Children from the 5 <sup>th</sup> to 10 <sup>th</sup> grade were studied with GDV during a year. Results allowed to define psychophysiological conditions of children, distribute them in groups in accordance with health risks and follow up their progress during the year.
<sup>12</sup> Ciesielska I.L	20	Psychophysiology	There were significant statistical differences between parameters of EPI recorded during contact with knitted acrylic fabric and knitted viscose fabric, knitted acrylic fabric and knitted wool fabric, knitted acrylic fabric and lack of any fabric (bare arm) as well as during contact with knitted wool and viscose fabrics, viscose and lack of any fabric and wool and lack of any fabric. Menstrual cycle of female volunteers; the later the day of the cycle, the higher the value of standard deviation from the mean EPI parameters.
<sup>13</sup> Ciesielska I.L	20	Psychophysiology	There are significant statistical differences between mean values of parameters recorded during contact with knitted acrylic fabric and knitted viscose fabric, knitted acrylic fabric and knitted wool fabric, knitted acrylic fabric and lack of any fabric as well as during contact with knitted wool and viscose fabrics, viscose and lack of any fabric ( $p=0.0450$ ) and wool and lack of any fabric. There are significant statistical differences between the mean length of radius and the coefficient of shape recorded for women and men. The higher the air humidity, the higher the length of isoline.
<sup>14</sup> Ciesielska I.L	126	Medicine Heart disease	The study group consisted of 96 patients with coronary heart disease and the control group composed of 30 healthy persons. Results: Age, gender, temperature in examination rooms as well as frame of mind of the study population exerted a similar effect on EPI in both groups. Heart rate, blood pressure and the pattern of coronary heart disease exerted varied effects on the patients' EPI parameters in the study group. Conclusions: The analysis of changes in EPI may be a source of information about the effect of physiological and pathophysiological changes in the human health state, physical as well as mental.
<sup>15</sup> Ciesielska L.L.	20	Psychophysiology	Statistically significant differences were stated between the mean values of parameters during volunteers' contact with lack of sleeve and acrylic, coarse wool, and viscose sleeve, between acrylic sleeve and coarse wool and viscose sleeve, and between viscose and coarse wool sleeve. There is a correlation between the mood of the volunteers described by them by the means of a questionnaire and some parameters, such as: the average radius, and the number of free fragments. The higher value of these parameters, the higher level of stress. There is an influence of the female menstrual cycle on female parameters. At the beginning and at the end of the cycle the parameters achieved higher values of their standard deviations than in the middle of the cycles.

<sup>16</sup> Cohly H.	130		We used bio-electrographic methods to collect the base values of study participants and establish possible deviation from the standard norms. Bio-electrographic method was recognized and successfully implemented into preventive health care systems. We developed the bio-electrographic dataset of residents of Mississippi, mainly of African-American origin of average age of 25. We found our results corresponding to the standard norms of bioelectrographic parameters. Therapies like far infrared treatment [5]-[7] have been shown to improve functional state as observed by recordings of bioelectrography.
<sup>17</sup> Deo G.	432	Psychophysiology Meditation	In both long-term meditators and short-term meditators, lower values of stress (activation coefficient) were found in woman meditators as compared to men. In both groups, highly significant gender-related differences were observed in integral area parameter, which measures the overall health of an individual. Both groups showed cumulative health-related improvement. Moreover, in gender-related analysis woman meditators exhibited more positive improvement in EPI parameters than men.
<sup>18</sup> Deo G.	309	Psychophysiology Meditation	Comparison between groups yielded less disorderliness at the psychophysiological level in naive meditators (NM) group. The gender related results showed highly significant improvements in the health related parameter at the physiological and psychophysiological level in females compared to males.
<sup>19</sup> Deshpande P. B	Review	Medicine	Unlike a routine medical diagnostic device such as an MRI or a CT-Scan, the Bio-Well analysis relies on statistical inference at a high level of confidence but the possibility of outliers (false positive or false negative indication of the physiological/psychoemotional state) cannot be ruled out.
<sup>20</sup> Dobson P	82	Psychophysiology	Authors that have investigated the psychological correlates of the GDV technique. 67 people was involved in different types of mental trainings, the "Control" group was a group of 15 self-selected post-graduate students. All people volunteered to have their GDV image taken before and after a three hour interval. Significant relationships between GDV parameters and State anxiety and less significant relationships with Trait anxiety and Neuroticism. Significant relationships are also found for the personality dimensions of Openness and Agreeableness. These results point to a central role for cognition in determining the nature of the GDV image.
<sup>21</sup> Dobson P	77	Psychophysiology	A strong relationship ( $R = .69, p < .000$ ) was found between the GDV parameters and one of the "Big Five" personality dimensions, namely, Openness to Experience. Some significant results for Extraversion was found as well.
<sup>22</sup> Drozdovski A	18	Psychophysiology Sport	It was found that the higher the level of Energy Potential achieved by the athlete in the training period, the lower the Stress Level (SL) in the competition time. The SL of an athlete recorded in the training period significantly correlates with the SL both before and at the time of competition. SL before the World Cup was negatively correlated to the results of skiing competitions.
<sup>23</sup> Erdinatuja C.	150		The Area of GDV-grams has positive correlation with the altitude of their living place, while symmetry is
<sup>24</sup> Gagua R.	16	Medicine Oncology	We had visualized urine droplets of 8 patients with malignant tumors (MT) and 8 patients with non manifested chronic

			diseases with GDV technique. Some of parameters of urine droplet GDV-image fractality can allow us to characterize dynamics of appearance of organic free radicals.
<sup>25</sup> Garinov G.	100		Patients diagnosed with prostate cancer (PC) with conventional means including biopsy; and having conventional treatment have been selected for the study. Based on the results of the PSA analysis and clinical observations participants were distributed to three groups: “negative prognosis”, “positive prognosis” and “intermediate prognosis”. Statistically significant difference between GDV parameters of patients with positive and negative prognosis of prostate cancer was found.
<sup>26</sup> Gedevanishvili E.	1210		Patients: control – 450, breast cancer – 210, lung cancer – 350, other nosology – 200. Sensitivity of GDV analysis was 85% for all pathologies. GDV method allows to follow up progress of oncological treatment.
<sup>27</sup> Gedevanishvili E.	30		20 patients on chemotherapy and 10 patients on radiotherapy with cancer of different localization. After completion of main course of therapy patients received the rehabilitation course of Singlet Oxygen therapy. Our results showed that after main courses of therapy all GDV parameters was worsened and after rehabilitation course the main part of this parameters became better.
<sup>28</sup> Gimbut VS	226		The aim of the study was to evaluate informative diagnostic criteria of normal and pathological flow of pregnancy in I and II trimesters. High level of correlation between GDV parameters and disturbed blood circulation of the “mother – placenta – fetus” system was found. This allows to use GDV method for prognosis of potential miscarriage for pregnant women.
<sup>29</sup> Hassan M.	15	Pyramids	Significant change of the human GDV indexes detected at different sacred locations in Egypt was found. After visiting the Great pyramid – Queen Chamber most of the subjects had significant increase of their energy biofield, best energy balance and alignment of the chakras.
<sup>30</sup> Kolosova O.	121	Psychophysiology	Psychological parameters like will, good mood and positive attitude to others increase GDV parameters, while aggression, envy, anxiety decrease it.
<sup>31</sup> Korobka I.E.	138	Medicine Hypertension	32 healthy and 106 patients with hypertension were examined with GDV and HRV. The analysis of the data revealed statistically significantly different EPI/GDV parameters in patients with arterial hypertension and healthy subjects. The values of the medians of parameters indicated the activity of the right hemisphere of the brain in patients with hypertension, most pronounced in individuals with the II degree of the disease. The comparison also revealed statistically significant difference in the index of stress of regulatory systems, while in patients with arterial hypertension it was much higher than normal.
<sup>32</sup> Korobka I.E.	175	Medicine Hypertension	138 patients with different stages of hypertension and 37 healthy. HRV and EPI methods. The difference in parameters was not due to hyperactivity of sympathetic center, but due to a lower parasympathetic function.
<sup>33</sup> Korotkov K	118	Healing	Two types of positive effects for participants during Reconnection Healing sessions were recorded: increase in Area and decrease in Form Coefficient (FC). In most cases either one effect or another was recorded. At some sessions Area of EF

			was increasing for most of the participants (St Petersburg and LA 2009 – see Table 6); while in LA 2008 session it was practically no changes of Area, but very significant changes of the FC. No difference between women and men responses was found.
<sup>34</sup> Korotkov K	100	Medicine Massage	Before and after the massage participants filled in a special Mood Mapping Evaluation questionnaire. GDV measurements was administered to the panelists before (baseline) and immediately after massage. It was shown that for the Energy Massage with essential oils statistically significant changes in GDV indexes were recorded for most of the panellists. For Energy Massage without oils effect was less, but the group effect was statistically significant.
<sup>35</sup> Korotkov	15	Medicine	Different types of healing have positive effect on Human Energy Field.
<sup>36</sup> Korotkov	113	Psychophysiology	During Joe Dispensa workshop measurements with Sputnik sensor in the process of collective meditation was performed. Decrease in the signal in the process of meditation for all 4 days of the workshop was observed. During the break, the signal level increased. There was also an increase in the signal from day to day.
<sup>37</sup> Korotkov	225	Medicine	Review of EPI/GDV patents and their applications.
<sup>38</sup> Korotkov K	49	Medicine Osteopathy	Participants apparently healthy adults (20–56 years old) were measured with EPI before, after and 30 min later osteopathy treatment. Overall the recipients had decreases in their GDV activation coefficient levels. In addition, the levels stayed stable, as shown by the readings done thirty minutes later. Such data can be interpreted as especially meaningful, when even the sympathetic system parameters hold in a relaxed pattern for a length of time.
<sup>39</sup> Kostuk N	120		Pilot study of simultaneous influence of FIR and mechanical oscillatory vibration (SOQI) using the GDV showed that FIR had stabilizing effect on tested individuals. The data obtained from the GDV were confirmed by the testimonies of the participants about the general improvement of their functional state.
<sup>40</sup> Kostyuk N	32	Medicine	The autistic children in this study were previously diagnosed with mild autism and/or Asperger's Syndrome. Results revealed heterogeneity and unique features in the participants with ASD and their parents. GDV method is a promising step towards creating autism profile and identifying unique signatures pertaining to the parents and their siblings.
<sup>41</sup> Kostyuk N,	4	Psychophysiology	Our pilot data confirms the recent findings of correlation of right hemisphere involvement in second language acquisition at the level of language proficiency. Thus, computational biometrics based GDV tool may be used to evaluate and potentially identify anxiety present in ESL learners.
42 Krashenyuk A.I.	12	Medicine	Diagnostic ultrasound had a pronounced impact on a person. HRV data showed a shift of indexes to sympathicotonia, while EPI dynamics allowed to follow up parametric shift for 40 min after the ultrasound application.
<sup>43</sup> Kumar S. K	200	Medicine Diabetes	Ehe diabetic condition have significant effect on EPI parameters. The impacted parameters have logical link with corresponding organs and organ systems. The meridian theory and Chakra theory appear to have a scientific significance.
<sup>44</sup> Kumar S. K.	51	Psychophysiology	Meditation was found to have a significant impact on EPI parameters. Neural network was able to classify pre and post

		Meditation Analysis	meditative population using EPI data with an accuracy ranging from 84% to 100%. The receiver operating characteristics was captured for each of the classification and the area under the curve was close to unity.
<sup>45</sup> Kumar S.K.	200	Medicine Diabetes Meditation	The classification accuracy of the neural network classifier was in the range of 80% to 100% for classifying diabetic and non-diabetic subjects. Meditation was found to have a significant impact on EPI parameters. Further, neural network was able to classify pre and post meditative population using EPI data with an accuracy ranging from 84% to 100%. Electro Photonic Imaging combined with neural network works as a good framework for intervention recognition.
<sup>46</sup> Kushwah K K,	152	Psychophysiology Yoga	The parameters considered for analysis were activation coefficient (ac), Integral area (Ia) and Integral Entropy (IE). Reduction in stress levels (ac), increase in general health index (Ia) and decrease in disorderliness (IE) on the left side parameters were found reproducible in all four experiments. The results also revealed a highly significant reduction in stress levels and highly significant improvement in the health indices at the psycho-physiological level. baseline comparisons between males and females showed significant difference in general health index at both psychophysiological and physiological levels. In conclusion. The EPI outcomes are reproducible. Study also found that the energy pattern differs with gender. Hence, it is suggested that studies with male and female participants may be conducted separately.
<sup>47</sup> Kushwah KK	66	Psychophysiology Yoga	Cyclic Meditation has produced a highly significant reduction in stress level, whereas this reduction was not found significant within Supine Rest group.
<sup>48</sup> Kushwah KK	1297	Psychophysiology Yoga	Anticipated phantom leaf effect was not reproduced and mostly it seems to be just a moisture effect. Some of the EPI norms for Indian population were found different from European norms. Both all groups interventions have demonstrated effectiveness in reducing stress level and improvement in health indices.
<sup>49</sup> Kushwah KK	1297	Medicine Statistics	As the data were not normally distributed, quartile based statistics were used for setting the norms. 25 <sup>th</sup> and 75 <sup>th</sup> percentile were calculated and they were further verified using bootstrap procedure. Uniquely, the results showed a clear difference in integral area parameters among the Indian and the European population. Although other parameters were found almost similar to the European population, inter quartile ranges were narrower in the Indian population as comparison to the European values. Similar trends were observed in the sub group analyses: i.e., male versus female genders, and age range 18 to 40 versus 41 to 60.
<sup>50</sup> Narajanan R	12	Diabetes	GDV is very useful in following patients treatment with Yoga therapy
<sup>51</sup> Naranjan R	12	Medicine Diabetis Yoga treatment	EPI measures Naadi, the underlying Information Management system that regulates the body at a given instant. The immediate impact on the EPI readings from yoga interventions suggests that EPI could be an valuable tool for effective yoga therapy.
<sup>52</sup> Naranjan R	5	Medicine, Pain, depression	3 Cases of Pain, 1 Depression and 1 of Mild Sleep Apnea. Stress/relaxation and balance appear to change the instantaneous readings of the organ system with perceptive

			improvement in pain condition.
<sup>53</sup> Narayanan RC	12	Medicine Yoga treatment	Implications for furthering research in yoga therapy using EPI, and implications of EPI as a translational technology between traditional medicine systems and modern medicine is discussed. Illustrative cases of successful therapy with yoga practices in a wide variety of abnormal conditions are examined and in every case entropy is shown to decrease for the affected organ system, while communication energy stays within stable range.
<sup>54</sup> Osmanagich S	65	Pyramids	Positive effect of Bosnian tunnels was demonstrated by GDV measurements.
<sup>55</sup> Pesotskaya LA	86	Medicine Homeopathy	31 children from Chernobil zone with thyroid dysfunctions have been treated with homeopathy, while 55 children with the same diagnosis served as control. Significant difference in GDV parameters was found in treatment group compared with control.
<sup>56</sup> Pesotskaya LA	77	Medicine Homeopathy	Patients were men with urological disorders. 13 patients with genital organ dysfunction, 60 people - chronic prostatitis, 16 people - a benign tumor of the prostate. In some patients were on two of these pathologies. GDV advantage over other instrumental methods in medicine is its ability to determine the irregularities in the cell for up to nosological level, regardless of the results of standard clinical and laboratory studies.
<sup>57</sup> Polushin J	132	Medicine Surgery	36 healthy people and 96 patients with chronic surgical pathology in the abdominal organs had statistically significant EPI parameters. The parameters of the EPI-grams reliably changed in response to operative trauma and their dynamics depended on the severity of the of the somatic state of patient, which allowed to use GDV technique to follow up patients in postoperative period.
<sup>58</sup> Rabe L.	10		The goal of the study was to verify whether or not the training of the EMF Balancing Technique leads to measurable effects on the student's energy field properties. This study clearly shows that the GDV/EPI Technology is well suited to measure and analyze the changes in Human Energy Field properties during client and practitioner sessions that involve mainly Human-to-Human energy work.
<sup>59</sup> Rao I.T.	29	Psychophysiology	Both the interventions showed significant effect on GDV parameters. But, there was a significant difference in the effect between the two types of intervention. It appears that silent music intervention lead to boredom compared to active music intervention.
<sup>60</sup> Rao I.T.	35	Psychophysiology	listening to a 2.5 hrs program of Indian devotional music increased the EPI parameters. Singing and playing the instruments did not show significant changes.
<sup>61</sup> Rao I.T.	51	Psychophysiology Yoga	Results show significant changes in EPI parameter integral area after meditation.
<sup>62</sup> Rgeusskaja G.V.	31	Medicine Psychophysiology	Testing the effectiveness of treatment of chronic pain syndrome and anxiety-depression disorders. Correlations between indexes of volunteer attention, logic memory and speed of thinking with EPC parameters of both thumbs was found.
<sup>63</sup> Semenichin EE.	15		The following strong correlations between GDV indexes and psychological parameters were found: positive – concise and

			GDV Intensity; friendliness and GDV Area; negative – extraversion and entropy.
<sup>64</sup> Semenikhin E.E.	120	Psychophysiology	GDV method gives the possibility to reveal patterns of influence of music on a human body and on this basis to write out «musical prescriptions».
<sup>65</sup> Sharma B	147	Medicine Diabetics	Statistically significant difference of GDV parameters both between apparently healthy population and diabetes groups and between groups with different levels of diabetes was found.
<sup>66</sup> Sorokin O.V.	26	Medicine Heart diseases	The GDV area of the fifth finger of the right hand positively correlates with the cardiac fraction of creatine phosphokinase (CPK), as well as the blood content of total protein, direct bilirubin and glucose concentration. CPK is an early marker of myocardial necrosis. From the point of view of traditional Chinese medicine, the fifth finger is a projection of the acupuncture Meridian of the heart. An increase in the level of centralization of heart rate control with the transition to an energy-consuming and low-efficient variant of regulation is associated with a decrease in the area of illumination. The increase in the total power of the spectrum of neurohumoral regulation is positively correlated with the average intensity of luminescence.
<sup>67</sup> Sorokin O.V.	32		Demonstrated that one of the physiological mechanisms affecting the oscillations of the primary photoelectron avalanche initiating the gas discharge and which basically determines the rest of the phenomenology of GDV emission, is connected with the peculiarities of the microcirculatory pulse fluctuations.
<sup>68</sup> Strukov EU	122	Medicine Surgery Psychophysiology	The first (control) group were 47 healthy people surveyed by GDV against the background of psycho-emotional well-being. The second group included 50 patients operated on the abdominal organs. The third group consisted of 25 patients treated at the clinic of psychiatry with the abstinent syndrome in pre-and delirious state. GDV-grams were recorded in all the group before surgery and during the next five days postoperatively. Dynamics of the glow area parameter of patients, whose postoperative period is complicated by the development of delirium, is different from the normal distribution and was characterized by high amplitude of the GDV area. Dynamic changes in the glow area were similar to the dynamics of GDV images of patients with psychiatric profile. However, these changes in the operated patients may be revealed 10-12 hours prior to the development of the clinical picture of delirium. As the delirious syndrome subsided, the parameter of GDV area comes-back to the original data and fits into the standard distribution.
<sup>69</sup> Sushrutha S	18	Psychophysiology Yoga	The result shows that P-value is statistically different when two groups are compared to each other. Mean and standard deviation of Activation Coefficient changed more in Yajña session indicating the influence of reduction in stress level during Yajña.
<sup>70</sup> Sushrutha S ,	40	Psychophysiology Yoga	The results indicate that Yajna improves Area and Average Intensity of the EPI images denoting high metabolic rate in human systems; reduction of Entropy in 2013 is higher than in

			2014.
<sup>71</sup> Tumanova A.L.	150	Medicine	Retrospect study of population of Cyprus statistically demonstrated that GDV technique may serve as method for early diagnosis of risk of thalassemia.
<sup>72</sup> Usubov R	139	Medicine	Children 10-14 years, 74 having chronic tonsillitis and 65 children as control were tested with GDV before and after 21 days of treatment. Significant statistical difference between groups was found in both measurements.
<sup>73</sup> Vasilenko N	112	Psychophysiology	The aim of the research project was evaluation of possible correlations between results of psychological testing and GDV indexes. This approach allowed to calculate 63 correlation prognostic models with correlation coefficients 0.91 – 0.99 and statistical value 0,05-0,00001. Models were tested on independent group of people and demonstrated very high prognostic value. Simple direct correlations may be efficient only in cases of very strong inner bonding, but in most cases, we should use multiple regression analysis.
74 Yakovleva E.G.	78	Medicine Oncology	56 patients with colon tumors, 22 control. There were a significant number of differences between the control group and the group of patients with colon tumors. We examined the dynamic of the parameters as the level of tumor dysplasia (neoplasia) varied.
<sup>75</sup> Yakovleva E.G	137	Medicine Oncology Analysis	82 patients with colon tumors, 55 control. Based on the identified indicators decision rules to determine the patients with tumors of the colon were constructed. The specificity of the resulting function was 80.0% and sensitivity 75.6%. Decision rule was built as well with logistic regression. The specificity of the resulting function was 78.2% and sensitivity 90.0%. The accuracy of this approach was higher than using discriminant analysis.

1 Korotkov K.G., Matravers P, Orlov D.V., Williams B.O. Application of Electrophoton Capture (EPC) Analysis Based on Gas Discharge Visualization (GDV) Technique in Medicine: A Systematic Review. The J of Alternative and Complementary Medicine. January 2010, 16(1): 13-25.

2 Aleksandrova EV., Kovelkova TN. , Strychkov P V., Yakovleva E G. , Korotkov K G.. Electrophotonic Analysis of Arterial Hypertension. J of Science of Healing Outcome. V.7, N 28, pp 4-12. 2015.

3 Augner Chr., Hacker G.W., Schwarzenbacher S., Pauser G.: Gas Discharge Visualization (GDV): Eine auf physikalischen Methoden und Meridiananalysen basierende Technik zur Untersuchung von Stressreaktionen und energetischen Schwachstellen – Zwischenbericht laufender Forschung. (Gas Discharge Visualization (GDV): A Technique Based on Physical Methods and Meridian Analyses to Detect Stress Reactions and Energetic Weaknesses – Report of Ongoing Research.) Dt. Ztschr. f. Akup. (DZA) – German Journal of Acupuncture & Related Techniques 53, 14-20 (2010).

4 Banupriya D. A Randomised, Blinded, Placebo-Controlled, Three Armed Parallel Study On Electrophotonic Image Changes During Homoeopathic Pathogenetic Trial Using Molecular And Ultra-Molecular Doses. PhD thesis, National Institute of Homoeopathy, India, 2018.

5 Berne S. Electrophotonic Imaging: Measuring Human Consciousness. J of Optometric Phototherapy. 3, 9-15, 2010.

6 Bhargav H, Srinivasan TM, Varambally S, Gangadhar BN, Koka P. Effect of mobile phone induced electromagnetic field on brain haemo-dynamics and human stem cell functioning.. possible mechanism link to cancer risk and early diagnostic values of electrophotonic imaging. J Stem cells, 2015; 10(4) 287.94.

7 Bhargav P, SureshV, Hankey A, Bharga H. Application of Gas Discharge Visualization Technique for Assessing Effects of Mobile Phone-induced Electromagnetic Field on Subtle Energy Levels of Teenagers and Protective Value of Yoga Intervention. www.ijoyppp.org on Wednesday, November 1, 2017,

- 
- 8 Bhat RK, Guru Deo, Mavathur R, and Srinivasan TM. Correlation of Electrophotonic Imaging Parameters With Fasting Blood Sugar in Normal, Prediabetic, and Diabetic Study Participants. *Journal of Evidence-Based Complementary & Alternative Medicine* 1-8, 2016.
- 9 Boulter C. The Affect Of The Great Pyramid On The Human Aura And The Chakra System. In: *Proceedings of XVI International Scientific Congress on Bioelectrography*. St Petersburg 2012: 2-8
- 10 Buck KH, Novelli C, Costa FT, Martins GC, Oliveira HFR, Camargo LB, Casagrande RM, Dias dos Reis RR, Moraes VR, Vieira FSF, Passos RP, de Barros Vilela Junior G. O uso da bioeletrografia na comparação entre mulheres com câncer de mama, mulheres saudáveis sedentárias e mulheres praticantes de corrida. *Centro de Pesquisas Avançadas em Qualidade de Vida | Vol. 8| No. 2 | Ano 2016 | p. 9*
- 11 Bulatova TE. Dynamics of GDV indexes for school children. . In: *Proceedings of XII International Scientific Congress on Bioelectrography*. St Petersburg 2011: 42-45.
- 12 Ciesielska I.L., Masajtis J. The preliminary studies of influence of garments on human beings' corona discharge. *International Journal of Clothing Science and Technology*. 2008. 20. 5. 299 – 316
- 13 Ciesielska I.L. Images of corona discharges as a source of information about the influence of textiles on humans. *Autex research journal*, 2009,.9, 1, 36-41.
- 14 Ciesielska I.L. The precursory analysis of the influence of garments on corona discharge created around a human fingertip. *Textile research journal*, 2010; v. 80: pp. 216 - 225.
- 15 Ciesielska LL, Masajtis J. The Influence of Textiles on Corona Discharge Created Around a Human Fingertip. *FIBRES & TEXTILES in Eastern Europe* 2007, 15, 5 – 6: 64 – 65.
- 16 Cohly H.H., Kostyuk N, Rajnarayanan R, Isokpehi D. Bio-Electrographic Method For Preventive Health Care. In: *Proceedings of XIV International Scientific Congress on Bioelectrography.*, St. Petersburg, 2009, 113-116
- 17 Deo G., Kumar S. K., Srinivasan TM, Kushwah KK. Cumulative effect of short-term and long-term meditation practice in men and women on psychophysiological parameters of electrophotonic imaging: a cross-sectional study. *J Complement Integr Med*. 2016; 13(1): 73–82.
- 18 Deo G., Kumar S. K., Srinivasan TM, Kushwah KK. Changes in electrophotonic imaging parameters associated with long term meditators and naive meditators in older adults practicing meditation. *European Journal of Integrative Medicine*. 7. 663-668. 2015.
- 19 Deshpande P. B., Korotkov K., and Kowall J. P., Bioenergy Measurements for Predictive Medical Diagnosis, *Journal of Consciousness Exploration and Research*, 7, 2, 2016. pp. 126-136.
- 20 Dobson P, O'Keefe E. Cognition as a moderator of GDV emission: past research, a current explanation and some ideas for the future. In: Korotkov K.G. *Energy fields Electrophotonic analysis in humans and nature*. 2012. 240 p. e-book: Amazon.com
- 21 Dobson P., O'Keefe E. Measuring Human Personality by Machine: Could it be true? In: *Proceedings of International Scientific Congress on Bioelectrography*. St Petersburg 2010: 14-17.
- 22 Drozdovski A, Gromova I, Korotkov K, Shelkov O, Akinagbe F. Express-evaluation of the psycho-physiological condition of Paralympic athletes. *Open Access Journal of Sports Medicine*. *Journal of Sports Medicine*, № 3, 2012, p. 215-222.
- 23 Erdentuja C., Battulga.M, Umsuran I., Navchaa C. The GDV Analysis of the Environment Impact on the Psychophysiological Condition of People In Mongolia. In: *Proceedings of International Scientific Congress on Bioelectrography*. St Petersburg 2016: 81-83.
- 24 Gagua R, Osmanova V, Gedevanishvili E.G, Kapanadze A.G., Giorgobiani L.E. New Radiobiological Concept Of Urine Droplet Gas Discharge Visualization (Gdv) In Cancer Patients. In: *Proceedings of International Scientific Congress on Bioelectrography*. St Petersburg 2010: 66
- 25 Garinov G., Korotkov K. Prostate Cancer Groups Statistics Pilot Study. In: *Proceedings of XVI International Scientific Congress on Bioelectrography*. St Petersburg 2012:56-57.
- 26 Gedevanishvili E.G, Kapanadze A.G., Giorgobiani L.E., Rusov I.P. Application of the GDV method in oncology. In: *Proceedings of International Scientific Congress on Bioelectrography*. St Petersburg 2015: 36-45.
- 27 Gedevanishvili E.G, Gagua I., Kapanadze A.G., Giorgobiani L.E., Rusov I.P. GDV estimation of homeostasis of ontological patients during singlet oxygen therapy rehabilitation after radical methods of therapy. In: *Proceedings of International Scientific Congress on Bioelectrography*. St Petersburg 2017: 32-33.
- 28 Gimbut VS, Chernositov AV, Kostrikina EV. GDV parameters of woman in phase dynamics of menstrual cycle. In: *Proceedings of International Scientific Congresses on Bioelectrography*. St Petersburg 2000: 16-19 and 2004:80-82.
- 29 Hassan M. Measuring The Influence of the Sacred Sites' Electromagnetic Energy on the Human Biofield Using GDV Technology. An Observational Study in Egypt. In: *Proceedings of International Scientific Congress on Bioelectrography*. St Petersburg 2017: 34-35.

- 
- 30 Kolosova O.S. Psychophysiological correlates of life values of students. . In: Proceedings of International Scientific Congress on Bioelectrography. St Petersburg 2010: 59-61.
- 31 Korobka I.E., Yakovleva T.G., Korotkov K.G. , Belonosov S.S. , Kolesnichenko T.V. Electrophotonic Imaging technology in the diagnosis of autonomic nervous system in patients with arterial hypertension. J Appl Biotechnology and Bioengineering 2018, 5(1): 00112
- 32 Korobka I.E., Yakovleva T.G., Belonosov S.S. , Korotkov K.G. , Zarubina T.V. Gender Differences in the Activity of the Autonomic Nervous Systems of Healthy and Hypertensive Patients in Russia. J of Appl Biotechnology and Bioengineering. 3 (6): 84-87. 2017
- 33 Korotkov K (Ed). Science Confirms Reconnective Healing. Amazon Publishing, 2011.
- 34 Korotkov K., Korotkova A. Influence of Massage with Essential Oils t Human Energy. Open Access Journal of Biomedical Engineering and its Applications. 2/2, 2018.
- 35 Korotkov K., De Vito D., Arem K., Madappa K., Williams B., Wisneski L. Healing Experiments Assessed with Electrophotonic Camera. Subtle Energies & Energy Medicine • V 20, N 3, pp 1- 15, 2010
- 36 Korotkov K G.. Electrophotonic Analysis of Complex Parameters of the Environment and Psycho-Emotional State of a Person, WISE Journal. V 4, N 3, 2015, pp 49-56.
- 37 Korotkov K.G. Recent Advances in Electrophotonic Image Processing. Recent Patents and Topics on Imaging, 5, 1-5, 2015
- 38 Korotkov K, Shelkov O, Shevtsov A, Mohov D, Paoletti S, Mirosnichenko D, Labkovskaya E, Robertson L. Stress Reduction with Osteopathy assessed with GDV Electro-Photonic Imaging: Effects of Osteopathy Treatment. J Alt Compl Med 18, 3: 251-257, 2012.
- 39 Kostyuk N, Ayensu WK, Isokpehi RD and Cohly HP. Therapeutic Evaluation Of Soqi (Solar Energy) Utilizing GDV. In: Proceedings of International Scientific Congress on Bioelectrography. St Petersburg 2010: 8-9.
- 40 Kostyuk N, Rajnarayanan R, Isokpehi D. and Cohly H.H., Autism from a Biometric Perspective. Int. J. Environ. Res. Public Health, 7, 1984-1995, 2010
- 41 Kostyuk N, Meghanathan N, Isokpehi R.D., Hacker Hacker T, Rajnarayanan R, Mahecha1 O, Cohly H., Biometric Evaluation of Anxiety in Learning English as a Second Language. International Journal of Computer Science and Network Security, V.10 No.1, pp 220-229, 2010
- 42 Krashenyuk A.I., Korotkov K.G. , Kuryleva N.A. Study of the Influence of Diagnostic Ultrasound on the Human Aqua-System with Bio-Well Device. J of Science of Healing Outcome. 2017, 9 (36) 5-15.
- 43 Kumar S.K., Srinivasan TM., Nagendra HR., Marimuthu P. Electrophotonic Imaging Based Analysis of Diabetes. Int J of Altern and Complement Medicine. 2016. 4 (5): 134-137
- 44 Kumar S. K., Srinivasan TM., Guru Deo, Venkata G. P., Nagendra HR. Electro-photonic imaging for detecting intervention (meditation). Intern J of Current Medical and Pharmaceutical Research. 2, 2016
- 45 Kumar S.K., Srinivasan TM., Nagendra HR. Neural Network Based Analysis of Electro Photonic Data for Disease Diagnosis and Intervention Recognition. PhD thesis. University Bengaluru, India 2017.
- 46 Kushwah K K, Nagendra H R, Srinivasan TM. Effect of Integrated Yoga Program on Energy Outcomes as a Measure of Preventive Health Care in Healthy People. Central European Journal of Sport Sciences and Medicine. 12 (4): 61–71, 2015
- 47 Kushwah KK, Srinivasan TM, Nagendra HR, Ilavarasu JV. Effect of yoga based techniques on stress and health indices using electro photonic imaging technique in managers. Journal of Ayurveda and Integrative Medicine 7, 119-123, 2016
- 48 Kushwah KK. Efficacy Of Integrated Yoga Practices On Healthy People Using Electro Photonic Imaging Technique. PhD Thesis. Swami Vivekananda Yoga Anusandhana Samsthana (SVYASA). 2016.
- 49 Kushwah KK, Srinivasan TM, Nagendra HR, Ilavarasu JV. Development of normative data of electro photonic imaging technique for healthy population in India: A normative study. Int J Yoga. Jan-Jun; 9(1): 49–56. 2016,
- 50 Narayanan R. Understanding Diabetes from the Perspective of Electro-Photonic Imaging (Bio-Well) and Proposing Yoga Therapy for Reversing Type-2 Diabetes. In: Proceedings of International Scientific Congress on Bioelectrography. St Petersburg 2017: 36.
- 51 Naranjan R. EPI readings of type II diabetes. In: Proceedings of International Scientific Congress on Bioelectrography. St Petersburg 2018: 16-23.
- 52 Naranjan R. EPI readings of pain and other conditions. In: Proceedings of International Scientific Congress on Bioelectrography. St Petersburg 2018: 24-27.
- 53 Narayanan RC, Korotkov K, Srinivasan TM. Bioenergy and its Implication For Yoga Therapy. International Journal of Yoga 2018, 11, (2) 157-165

- 
- 54 Osmanagich S. Bosnian Pyramid Healing Energy. In: Proceedings of International Scientific Congress on Bioelectrography. St Petersburg 2017: 37-40.
- 55 Pesotskaya LA, Goncharenko VI. Application of the GDV technique for the evaluation of children treatment. In: Proceedings of XIV International Scientific Congress on Bioelectrography. 2010: 16-18.
- 56 Pesotskaya L.A., Kulikov J.N., Braga E.F., Danilova O.V. Application Kirlianografii In The Diagnosis Of Urological Disorders. In: Proceedings of International Scientific Congress on Bioelectrography. St Petersburg 2011: 16.-21.
- 57 Polushin J, Levshankov A, Shirokov D, Korotkov K. Monitoring Energy Levels during treatment with GDV Technique. J of Science of Healing Outcome. 2:5. 5-15, 2009.
- 58 Rabe L. Evaluation of Training Sessions for the EMF Balancing Technique using THE GDV/EPI Measurement Technology. In: Proceedings of XIV International Scientific Congress on Bioelectrography., St. Petersburg, 2009, 140-144.
- 59 Rao T.I. & Nagendra H.R.. The Effect of Active and Silent Music Interventions on Patients with Type 2 Diabetes Measured with Electron Photonic Imaging Technique. International Journal Humanities And Social Sciences (Ijhs) Issn(P): 2319-393x; Issn(E): 2319-3948. 3, (5):7-14, 2014
- 60 Rao T.I. Kushwah K.K., Srinivasan T.M. Effect of Indian Devotional Music on Students and Performers Measured with Electron Photonic Imaging. Online International Interdisciplinary Research Journal, {Bi-Monthly}, IV, (IV), 2014.
- 61 Rao T.J., Kumar I.R. Kushwah K.K., Srinivasan T.M. Effect of anapanasati meditation technique through electrophotonic imaging parameters: A pilot study. International J of Yoga. 12. 117-121. 2015.
- 62 Rgeusskaja G.V., Listopadov U.I. Medical Technology of Electrophotonics – Gas Discharge Visualization - in Evaluation of Cognitive Functions. J of Science of Healing Outcome. V.2, N 5, pp.15-17, 2009.
- 63 Semenichin EE., Geltjakove IN, Geltjakova UA. Correlations between GDV indexes and data of psychological testing. In: Proceedings of International Scientific Congress on Bioelectrography. St Petersburg 2011: 56-59.
- 64 Semenikhin E.E., Zelyakova I.N., Kozlov A.V., Kozlova N.V. Assessment Of Individual Influence Of The Music Therapy By Means Of GDV-Technic. In: Proceedings of International Scientific Congress on Bioelectrography. St Petersburg 2010: 5-58.
- 65 Sharma B., Hankey A, Nagendra H R. Gas Discharge Visualization Characteristics of an Indian Diabetes Population. Voice of Research 2 (4):28-33, 2014
- 66 Sorokin O.V. V. S. Druzhinin, V. G. Efimenko, M. E. Golubkov, K. V. Popov, A. D. Kuimov, K. G. Korotkov, V. Y. Kulikov. The Nature Of The Relationship Between Photoelectron Emission And Autonomic Regulation Of Cardiac Rhythm In Patients With Ischemic Heart Disease. Medicine and Education in Siberia. 4. 23-27. 2009.
- 67 Sorokin O.V., Godunov A.I., Korotkov K.G., Kulikov V.Y. Photoelectron (GDV) Emission as a Reflection of Microvascular Fluctuations. Medicine and Education in Siberia. 4. 28-32. 2009.
- 68 Strukov EU. Tuzhikova N.V. Monitoring of GDV Parameters To Predict The Development of Postoperative Delirium. . In: Proceedings of XIV International Scientific Congress on Bioelectrography. St Petersburg 2010: 24-26.
- 69 Sushrutha S, Hegde M, Nagendra HR, Srinivasan TM. Comparative study of Influence of Yajña and Yogāsana on stress level as Measured by Electron Photonic Imaging (EPI) Technique. International Journal of Science and Research (IJSR) ISSN (Online): 2319-7064. 3 (8):1402-1406, 2014
- 70 Sushrutha S, Madappa K, Nagendra HR. Effect of Bhaishajya Maha Yajna on Human Energy Field and Environment. International Journal of Innovative Research in Science & Engineering. ISSN (Online) 2347-3207. 2015
- 71 Tumanova A.L. Information risk factors in early diagnosis and prognosis of thalassemia with GDV. In: Proceedings of International Scientific Congress on Bioelectrography. St Petersburg 2015: 46-49.
- 72 Usubov R, Sherbakov DB, Fesenko MU. GDV Application in Pediatrics. In: Proceedings of International Scientific Congress on Bioelectrography. St Petersburg 2009: 26-28.
- 73 Vasilenko SV, Kozik SV, Karnatovskaya NI. Evaluation of Psychological State by Gas Discharge Visualization. Proceedings of the International Conference “Ecology and Health” Kaliningrad, 2012:69-71.
- 74 Yakovleva E G., Buntseva OA, Belonosov SS, Feorov ED, Korotkov KG, and Zarubina TV. Identifying Patients with Colon Neoplasias with Gas Discharge Visualization Technique. J of Alternative Complementary Medicine. 2015;21(11):720–724
- 75 Yakovleva E.G., Korotkov K.G., Fedorov E.D., Ivanova E.V., Plahov R.V., Belonosov S.S. Engineering Approach To Identifying Patients With Colon Tumors On The Basis Of Electrophotonic Imaging Technique Data. The Open Biomedical Engineering J. 2016, 2, 72-80.