



The Bio-Well Camera incorporating the GDV/EPI Technique

The Bio-Well camera is a revolutionary, non-intrusive way to measure the human biophotonic energy field *using* a specialised camera and software system.

The technology behind the camera is based upon the powerful technology known as **Gas Discharge Visualization (GDV)**, also frequently referred to as **Electro-Photonic Imaging (EPI)**.

Both terms can, and are, used interchangeably through-out this summary paper.



The Bio-Well camera is the most recent commercial development incorporating the powerful technology of GDV/EPI technique, providing health practitioners a more accessible and cost effective medium than previously available.

The product consists of a desktop camera and accompanying software, allowing the user to quickly and easily conduct human energy scans.

Accessory attachments are also available to conduct environment & object scans.

THE TECHNOLOGY BEHIND THE GDV/EPI TECHNIQUE

The science and scientific protocol behind the GDV/EPI camera and integrated software was developed by a team of internationally renowned physicists, physicians, programmers, and technicians. Currently, there are more than 70 on the staff (more than half with doctorate degrees) based in St. Petersburg, improving and expanding the software and managing the database. The founder, Professor Konstantin Korotkov (PhD), comes from a long line of doctors and scientists. With over a dozen books to his credit, and guest lectures virtually each month, Prof. Korotkov is well known to many including the *US National Institutes of Health*, where he has presented his techniques to an enthusiastic array of doctors and scientists.

The GDV/EPI system has been approved by Russian Health Authorities for general use, following clinical trials and the recommendation of the Russian Academy of Sciences. It utilises almost instantaneous, non-invasive and painless measurements and sophisticated interpretive software with comparisons to an extremely large and reliable database assembled over more than 10 years. This technology has far reaching diagnostic and human performance applications.

The GDV/EPI technique allows for the generation, computer registration and analysis of **electro-photonic** emissions of biological objects. The Bio-Well camera, (incorporating the GDV/EPI technology), photographs and processes the client's fingers. Each finger is placed (one at a time) on the device lens, and a high-intensity electromagnetic field is applied to trigger the cascade of electrons and photons from the fingertip.

The system provides *non-invasive, painless* and almost *immediate* evaluation through the sophisticated analysis software, which can highlight potential health abnormalities *prior-to* even the earliest symptoms of an underlying condition, and suggests courses of action that the client can engage.

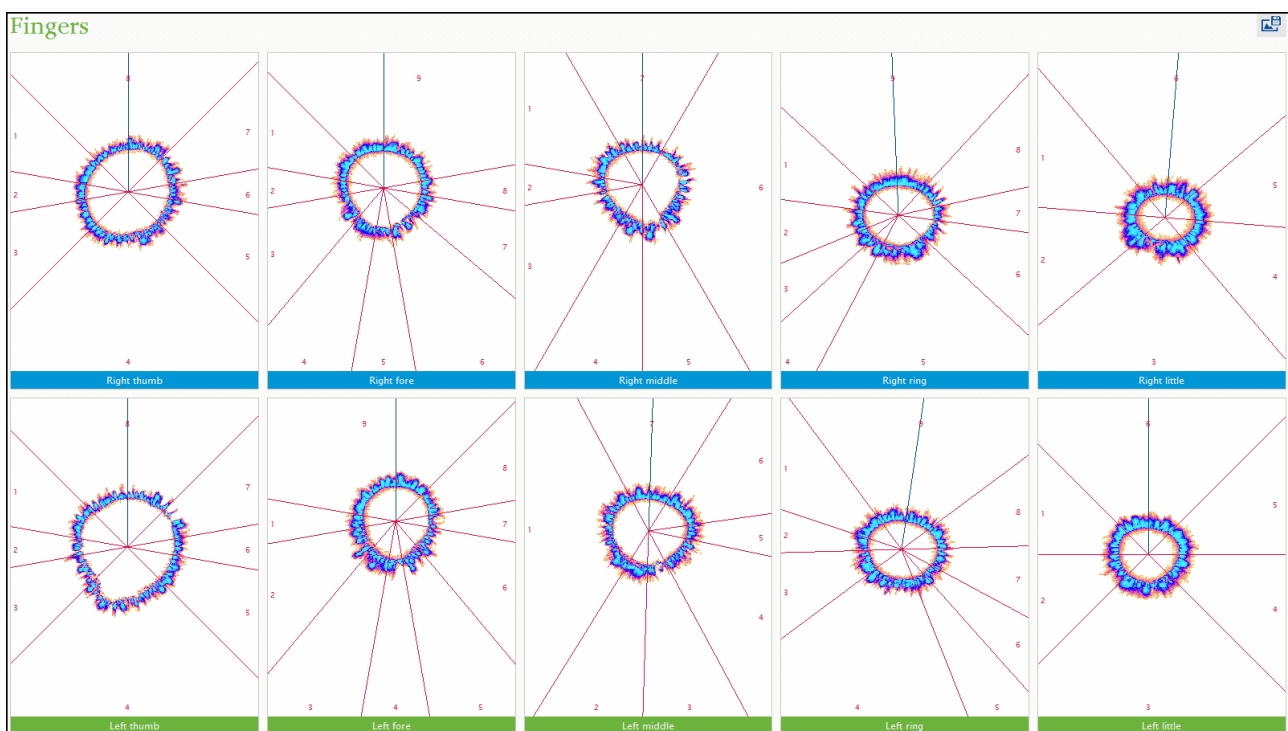
These may include:

- Identifying an area for further medical exploration;
- Suggesting products that may be beneficial (such as vitamins, minerals, supplements); or
- Evaluating energy, stress and vitality.

In each case, the GDV/EPI scan can provide significant information and suggestions.

The GDV/EPI technique applies a weak, completely painless electrical current applied to the fingertips for less than a millisecond. The body's response to this stimulus is the formation of a variation of an "electron cloud", which emits **light energy photons**.

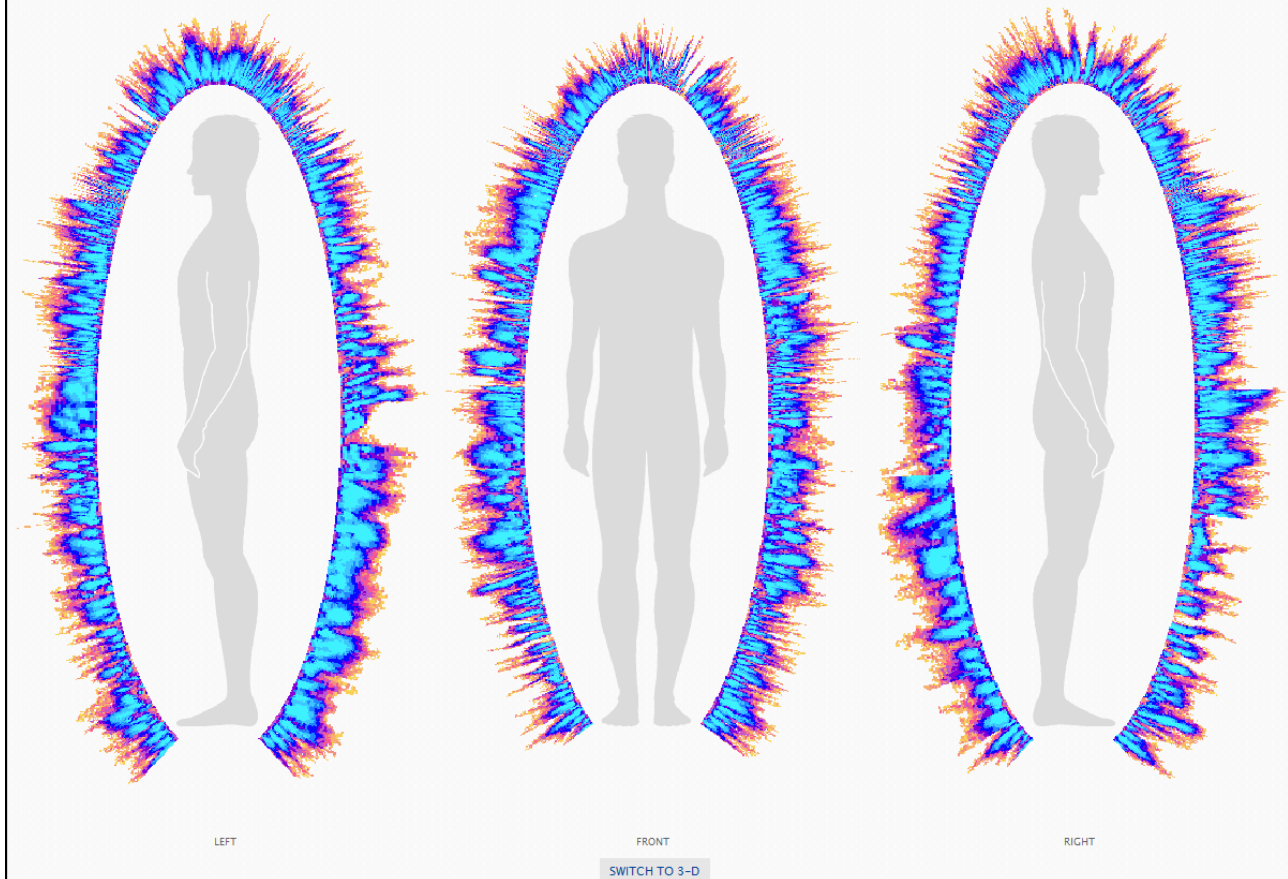
The electronic *glow* of this discharge (invisible to the human eye) is captured by a specifically configured optical CCD camera system, and translated into a digital computer file. The data from each test is converted to a unique *Photonic Profile*, which is compared to a database of *hundreds of thousands* of data records. Using 55 distinct parametric discriminates, it is then charted for further discussion and analysis.



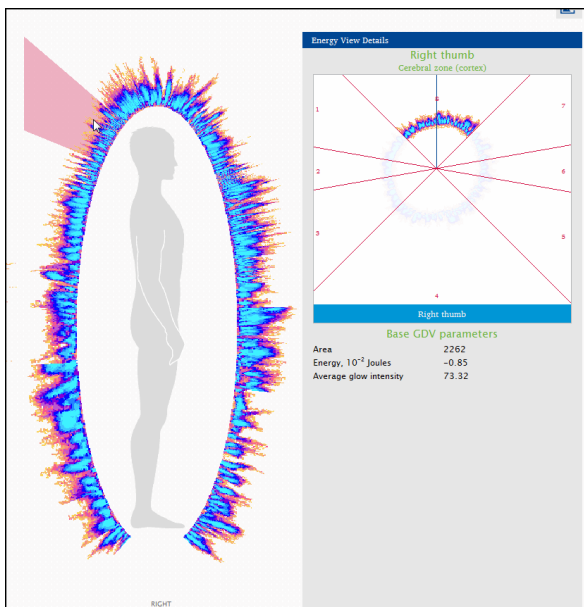
Biophotonic Photographs of Client's Fingertips Segmented by Energy Meridian

A graph of the findings is presented as a two-dimensional image. To study these images a range of *fractal*, *matrix*, and *various algorithmic* techniques are linked and analysed. In addition, the system provides instant graphic representations of the data to provide easy reference and interpretation in an understandable and meaningful manner. The data is further collated into a graphic representation, placing the indicators within the outline of the human form, for ease of explanation and discussion. (See over)

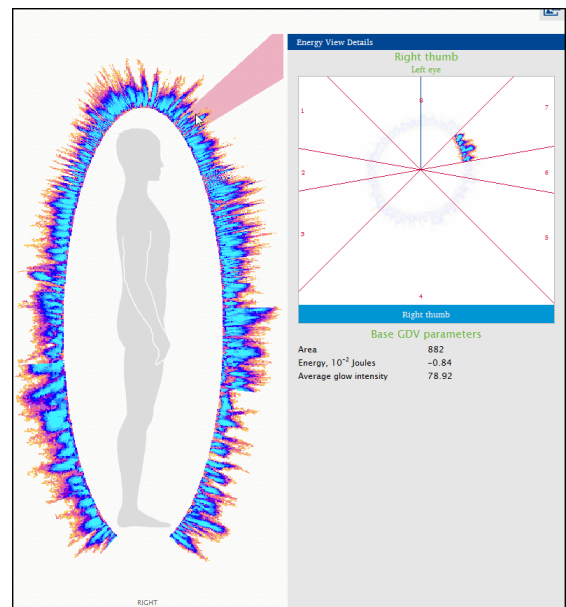
Energy 40 Joules ($\times 10^{-2}$) Balance 98%



Avatars Representing Left, Central & Right Meridians Defining Energy & Balance



Right Thumb - Segment 8: Cerebral Zone (Cortex)



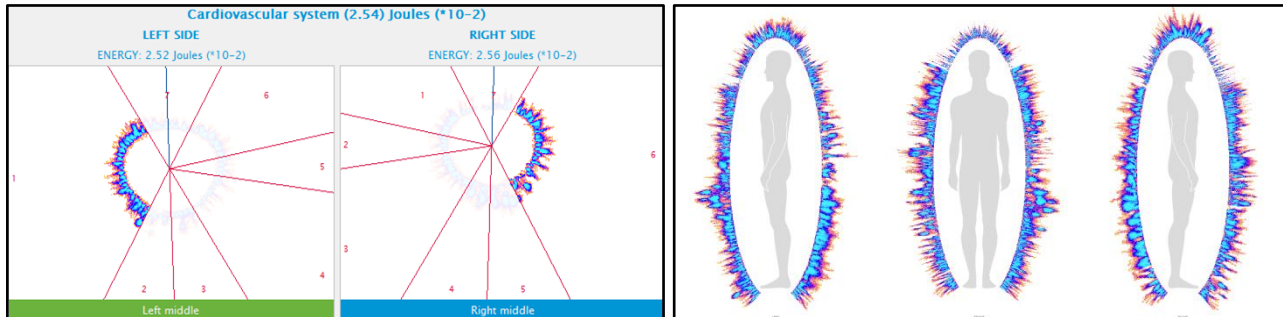
Right Thumb - Segment 7: Left Eye

Avatars representing the Client's energetic field utilising each finger's meridian location

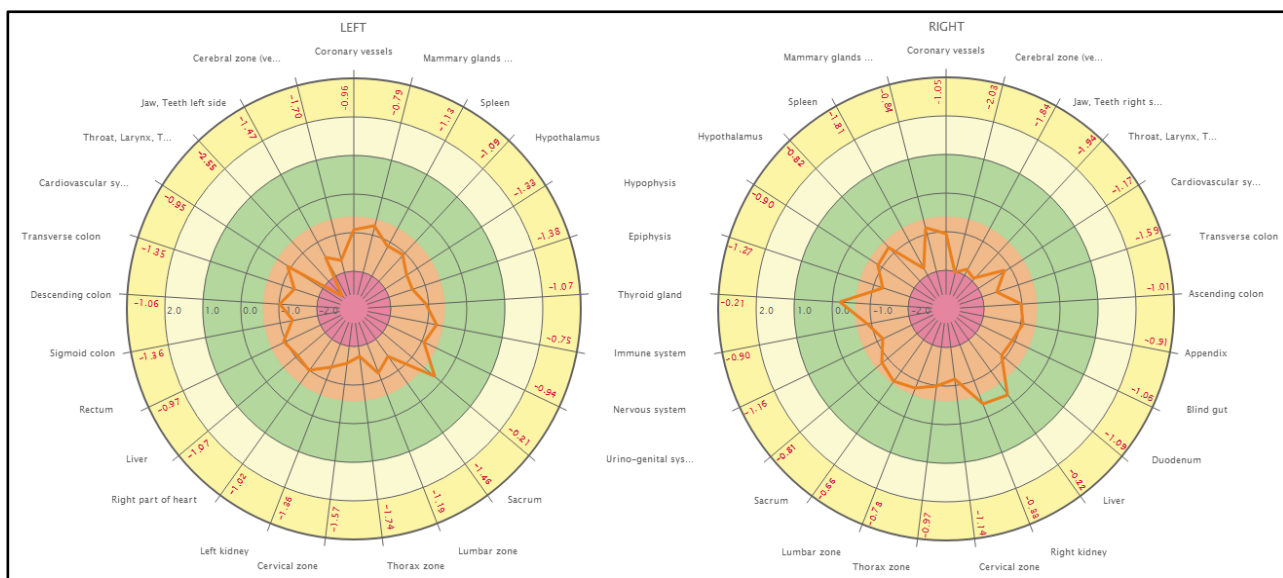
The GDV/EPI System is a screening tool that identifies weaknesses in the biophotonic energy field within the human body, enabling health practitioners to quickly and efficiently focus on areas of treatment, as well as providing a comprehensive method of tracking success of a prescribed treatment.

HOW DOES THE BIO-WELL CAMERA WORK?

As previously stated, when a scan of a client's energy field is conducted a weak electrical current is applied to the fingertips for less than a millisecond. This triggers a *high intensity* electrical field, stimulating the emission of photons and electrons from the skin, creating the formation of an *electron cloud* composed of light-energy photons.



The resultant image for each finger is then mapped to different organs and systems of the body, tapping into Chinese energy meridians. The images created using the Bio-Well system are based on the ideas of Traditional Chinese Medicine. This concept was first proposed by Dr. Reinhold Voll in Germany, and further developed by Dr. Peter Mandel, and then *clinically verified* and corrected through 18 years of clinical research by a team led by Prof. Konstantin Korotkov in St. Petersburg, Russia.



Mapping of client's energetic field to major organs and systems via each finger's meridian location

WHAT DOES THE GDV/EPI METHOD MEASURE IN PHYSICAL TERMS?

The EPI method is based on the stimulation of photon and electron emissions from the surface of the object. The stimulation is provided by transmitting short electrical pulses. In other words, when the object is placed in an electromagnetic field, it is primarily electrons, and also to a certain degree photons, which are 'extracted' from the surface of the object.

This process, called 'photo-electron emissions', has been thoroughly studied with physical electronic methods. The emitted particles accelerate in the electromagnetic field, generating electronic avalanches on the surface of a dielectric (glass) plate. This secondary process is called 'sliding gas discharge.'

The discharge causes a *glow* from the excitement of molecules in the surrounding gas, and this glow is what is being measured by the EPI method. Voltage pulses stimulate opto-electronic emission, while intensifying this emission in the gas discharge, amplified by the electric field created.

CAN THIS EMISSION TAKE PLACE WITHOUT AN ELECTRIC FIELD?

Yes, this emission can happen without an electric field, and such an emission is called 'spontaneous.' Measuring a spontaneous emission of electrons in the air is nearly impossible. It can really only be done in a vacuum. Spontaneous emission of photons can be measured with the aid of a highly sensitive photo-multiplier.

This emission was measured for the first time by Professor Alexander Gurvich in the 1930s. He proved that the exchange of ultraviolet photons is the method used by biological systems to regulate information. Currently, the area called 'biophotonics' is researching extremely weak photon emissions from biological objects. Much of the research done has shown that photons are emitted by *any* biological object: plants [Kobayashi, 2003], blood and water [Voeikov, 2001], human skin [Cohen, Popp, 1998]. The quantity of photons emitted by the human head in a relaxed state and during meditation varies, and these variations are statistically reliable! [Van Wijk, et al, 2005]

Therefore, it has been categorically proven that all biological objects emit photons, and these photons participate in the processes of physiological regulation, and most importantly in oxidizing restorative chain reactions. In other words, all biological objects, including humans, are glowing both day and night!

Biological life depends on using the energy of photons from the sun. This energy is converted into electron energy by photosynthesis in plants. Through a series of transformations in complex chains of albuminous molecules, this light energy is converted into our body energy. Thus, biological life is based on light energy, and organic compounds serve as the working material for the conversion of this energy. The basic ingredients for all conversions are water and air. [Korotkov et al., 2004]

Consequently, we are all children of the Sun, living on the light of the world, and we ourselves emit light!

Prof. Konstantin Korotkov

Yet the registration of 'biophotons' - spontaneous photo-emission - is an extremely complex procedure requiring special conditions, the most important of which is total darkness. Until the measurement begins, people being tested spend an hour or more in a room illuminated with a dark red light, after which they are put in a totally dark chamber where they will remain for a further 10 minutes in total darkness until the measurement starts. This elaborate process should eliminate any 'secondary luminescence' from the cutaneous covering following radiation by the sun or artificial light. The measurement process itself takes up to 45 minutes [Edwards et al., 1989]. So the process of measuring spontaneous photo-emission is very complex and long. Such measurements require a special and unique device, and can be accomplished only under specialised laboratory conditions.

The data obtained when measuring extremely weak 'biophotons' is invaluable scientific information, highlighting the role of electro-photon processes in the functioning of the body. These results are part of the scientific basis for the justification of the physical processes of EPI Bioelectrography.

In the EPI/GDV method, we excite or stimulate electron and photon emission, and then intensify the resulting glow a thousand times. This makes it possible to take measurements under normal circumstances, with normal lighting, without special preparation of the objects.

WHAT IS ENERGY?

Energy (from the Greek *enérgeia* – action, activity), is a general quantitative measure of any type of movement, activity and the interaction of all types of matter. Energy in nature does not come from nothing and does not disappear; it can only be transferred from one form to another. The concept of energy binds together all natural phenomena. Just as there are different forms of the movement of matter, there are different forms of energy: kinetic and potential, mechanic, electromagnetic, nuclear and so on. These divisions are generally well-known.

Chemical energy is made up of the kinetic energy of the movement of electrons and the electrical energy of the interaction of electrons amongst themselves and with atomic nuclei. Internal energy is equal to the sum of the kinetic energy of molecular movement around the centre of body mass and the potential energies of the interaction of molecules amongst themselves.

The theory of relativity shows that the energy 'E' of the body is inextricably linked to its mass 'm' as in the equation $E = mc^2$, where 'c' is the velocity of light in a vacuum. This means that in any amount of mass we have a huge energy potential. The best proof is an atomic or nuclear bomb, where from little mass we directly extract energy.

A human body possesses energy, and this energy can change from one type to another. Our body has a tremendous resource of energy, which may be used for physical, emotional or mental activity. We accept this energy from food, water and light. These are the main resources of life.

According to classical physics, the energy of any system is constantly changing and can assume any value. According to the *quantum theory*, the energy of micro particles, whose movement occurs in a limited area in space (for example, electrons in atoms), adopts a discrete series of values. Atoms radiate electromagnetic energy in the form of discrete portions – light quanta, or photons.

From a biophysical standpoint, the energy of systems and organs is determined by the level of mitochondria ensured by free electrons. (ie: By the character of electron transport.) The capacity of mitochondria to produce ATP determines the possibility of accomplishing the work for the processes of physiological activity. But the possibility of accomplishing work is also called energy. The GDV/EPI method measures electron densities in human systems and organs, as well as the character of the stimulated electron currents.

These electron densities are the fundamental basis of the physiological energy, so we can say with confidence that the GDV/EPI method makes it possible to measure the body's potential energy reserve.

WHAT IS BIOLOGICAL ENERGY?

The main reservoir of free energy in biological processes is electron-excited states of complex molecular systems. Communities of delocalized excited π -electrons in protein macromolecules are the basis of this energy reservoir. Specific structural-protein complexes within the mass of the skin provide channels of heightened electron conductivity, measured at acupuncture points on the surface. These excited states are continuously supported at the expense of electron circulation in the biosphere. The main "working substance" is water and the energy source is the sun. A part of these electron excited states is expended for the support of current energy resources in the organism. A part can also be reserved for the future, as it happens in lasers after the absorption of the pump pulse.

The flow of impulse electrical current in non-conducting biological tissues might be provided by intermolecular transfer of excited electrons, using the mechanism of quantum tunnel effects, with the activated jump of electrons between macromolecules in the contact area.

Thus, it can be assumed that the formation of specific structural-protein complexes within the mass of epidermis and dermis of the skin provides channels of heightened electron conductivity, which are experimentally measured as electrical conductance at acupuncture points on the surface of epidermis. Such channels can be theoretically present within the mass of connective tissue, which can be associated with "energy" meridians.

In other words, the notion of "energy" transfer, characteristic of the ideas of Eastern medicine and alien to most people with a European education, might be associated with the transport of electron-excited states through molecular protein complexes.

When physical or mental work is done in certain systems of the organism, electrons distributed in protein structures are transported within their given place and provide the process of oxidative phosphorylation. (ie: The energy supply for functioning of a local system.) Thus, the organism forms an electron “energy depot,” supporting the current functioning and being the basis for work, at some moments requiring great resources or rapid flowing under conditions of extra-high loads, - typical for example, of professional sport.

Stimulated impulse emission is also developed mainly by the transport of delocalized π -electrons, realized in electrically non-conducting tissue by way of the quantum electron tunnel mechanism. This proposition allows an assumption that the EPI technique provides indirect judgment about the level of energy resources at the molecular level of functioning in structural-protein complexes.

See Korotkov K., Williams B., Wisneski L.,
Biophysical Energy Transfer Mechanisms in Living Systems: The Basis of Life Processes.
Journal of Alternative and Complementary Medicine; 2004, 10, 1, p49-57.

WHAT DOES THE GDV/EPI METHOD MEASURE IN PHYSIOLOGICAL TERMS?

The working of all the organs and systems is regulated by the central nervous system (CNS) and the autonomic nervous system (ANS).

It is possible to draw an analogy between the working of the body and the playing of a symphony orchestra. The finest movements of dozens of people in the orchestra are in total harmony; they are following the same part and respond sensitively to the tiniest direction from the conductor. You could single out the viola or oboe part, and they would sound like part of one beautiful melody.

It is the same within the human body: each organ and each system plays its role, but they are all following one rhythm, one autonomous control.

But then one of the violins loses the rhythm, falling out of time with the overall control system. This goes unnoticed by the *untrained* ear, and only an experienced listener will hear the wrong note. The melody will sound, but the greater the number of instruments which fall out of line with the control system, the stronger and more noticeable the dissonance will be, until finally even the most uneducated listener will start to wince and slowly creep out of the concert hall.

This analogy can be applied to the working of the body. As long as all systems and organs are working in harmony, in unison, following the same program, the body is at its optimal functioning level.

Control and direction are ensured by two fundamental mechanisms:

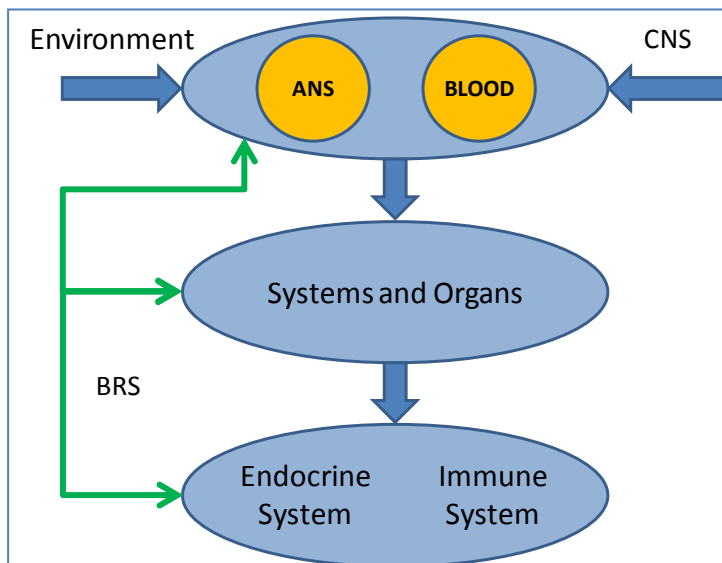
- Autonomic control by the nervous system (ANS), including neurohumoral regulation of activity;
- Electron control through active forms of oxygen in the blood.

It could be said that this control is the base level, making it possible to detect all external impacts and react to them instantly, supporting Homeostasis and the relative constancy of the body's internal environment.

If a person runs about and makes a few sudden movements, and the ANS increases the frequency of the heart's contractions, then breathing speeds up, increasing respiration. More oxygen gets into the blood, and this oxygen is more actively conveyed to the tissues, with some of the by-products of the increase in respiration coming out in perspiration through the skin.

The reaction takes places almost instantaneously, and the whole body, all its systems and organs, are engaged by this reaction. This is evidence that all the organs and systems are working in a synchronized way under the control of a single commanding system. Everything happens as in a well-tuned orchestra.

When autonomic regulation fails and that synchronization is lost, the organs and systems stop working in harmony and functional abnormalities appear. In the first phases, these abnormalities appear as a bad state of health, disturbed sleep and digestion, and abnormalities with perspiration and so on. Continued dysfunction leads to abnormalities at the level of the organs, although the area of abnormality depends on the type of load and genetic predisposition.



This rather simplified diagram shows the general character of the body's reactions and the development of diseases.

Reacting to commands coming from the CNS and the surrounding environment, the ANS and blood send information control signals to the body's systems and organs. These signals are 'processed' both at the physiological level of systems and by engaging the endocrine and immune systems. Information is transferred to the controlling organs, forming a Biological Reverse System (BRS). In this way, a closed circuit of control is formed.

When there is an abnormality in any one of the information links, the circuit fails and de-synchronization occurs, reflected in the functional abnormalities at all of the most vital levels.

Therefore, the autonomic nervous system enters into the first circuit of control, and the early signs of potential problems appear mainly at the level of ANS activity.

There is much experimental data which proves that the GDV/EPI method measures the activity of the autonomic nervous system. This is demonstrated by statistically significant correlations with the results of the measurements of the variability of cardiac rhythm [Cioca et al., 2004], of systolic and diastolic pressure [Alexandrova et al, 2004], perspiration through the skin [Rizzo-Roberts, 2004], and the stress level [Bundzen et al, 2002]. The findings about the link between EPI data and ANS activity were first made in research on adaptation and homeostasis during work [Drozdov, Schatsillo, 2005] and subsequent results confirmed these findings.

There is clearly justification for affirming that the parameters of GDV/EPI images reflect the activity of the autonomic nervous system and the balance of sympathetic and parasympathetic sections of this system.

WHAT IS THE SENSITIVITY OF THE EPI METHOD BASED ON?

The autonomous nervous system is the main indicator of the body's reaction to external and internal impacts – ranging from changes in the weather, chemicals in food, and the efficiency of oxygen absorption to emotional worries.

All of these processes are managed by the sympathetic and parasympathetic nervous system and are reflected in the parameters of the skin. The electrical resistance of the skin changes, both as a whole and at electro-puncture points, the capillaries can narrow and widen, organic molecules are emitted through the skin pores, and the character of electron transfer in the connective tissues also changes. All of these processes influence the emission of electrons from the skin and the development of electron avalanches, which are reflected in the parameters of the EPI-gram.

Many years of research into the physics and biophysics of the visualization processes have made it possible to discern optimal conditions for the development of all processes, which now make it possible to obtain sensitive and well-reproduced EPI images.

THE INFLUENCE OF MENTAL, EMOTIONAL & SPIRITUAL PROCESSES ON EPI/GDV IMAGES

An interesting aspect of EPI applications is the research into consciousness processes. Many years of experimentation have made it possible to identify bioelectrographic correlates of **altered states of consciousness (ASC)** [Bundzen et al, 2000; 2002]. These are particular states, which a person enters during meditation, mental training, religious ecstasy, or when under the influence of drugs, psychedelics or anaesthesia.

For many years Professor Korotkov and his team have been measuring Russian healers, Candamblier priests in Brazil, participants of the Ayahuasca ceremony in Peru [Korotkov, 2002, 2003], Chinese Qi-gong masters, and healers in Germany, the USA, and Slovenia [Measuring Energy Fields, 2004]. In almost all of these observations signs characteristic of ASC were obtained. Similar results, using the most diverse devices and methods, were obtained in the laboratories of different countries [Radin, 1997; Milton, 1996].

This shows that the processes of consciousness are apparent on the physiological processes measured by the GDV/EPI method. Professor Korotkov does not intend with this summary to discuss the philosophical aspects of the process of researching consciousness. That topic could be the theme of an entirely separate, specialized book. He seeks to look simply at the opinions on which his work is based. He supports the idea that consciousness is a category of a different space-time continuum, which does not belong to the material world. These principles of working on consciousness are to a large extent modelled on the quantum mechanics paradigm, but clearly this is only a superficial analogy. Dr Korotkov acknowledges we are still a long way from understanding the working mechanisms of consciousness, taking into account not only its individual manifestation in each person, but also its collective processes [Korotkov, 2001].

Human consciousness is a process of interaction between a person and a collective field, through which new ideas are formed, and the field is the place to which they return, making a contribution to the collective mind of humanity.

With physical devices we measure physical processes. (ie: Processes of the material world.) This is connected to biology as much as to physics and chemistry. That is why we can only measure the **influence of consciousness on physiological or physical processes**. This influence is conveyed along several channels, primarily through the cerebrum, which takes an active part in thought and emotion processes. The brain produces a cascade of chemical substances that influence physiological processes, and also the central nervous system models the work of the autonomic nervous system [Wisneski, Anderson, 2009].

We have already left behind the idea that the brain produces consciousness like the liver produces bile. The brain is better presented as a receptacle that reacts to the signals of the surrounding space, including signals from the collective field. Hairs can act as the antenna of these signals, as they react to the external field and transmit these signals to the cutaneous covering, possibly with some intensification. The numerous results of our experiments testify to this process with human hair [Vainshelboim et al, 2005].

The heart is another organ which takes part in the processes of consciousness. This is not merely a pump for blood, but an organ that regulates the blood flow, and accordingly, oxygen, in all areas of the human body. There is data showing that after a heart transplant, a person takes on many behavioural characteristics of the donor. So we can conclude that the heart, at least, has a memory. (ie: It takes part in consciousness processes.)

The experimental observations measure the influence of consciousness on physiological processes. In this regard the GDV/EPI method is very sensitive, because it reacts to subtle changes in the working of the ANS. These sensitive measures make it possible to register subconscious and emotional processes.

Another method is the registration of the influence of human consciousness on physical sensors. One of the most recent is water, or specially constructed systems. Many experiments have proved that such an approach is highly effective [*Science of Whole Person Healing, 2004*].

Modern science has only just begun to research consciousness. Following the remarkable insights of Fechner, Helmholtz, Jung and Freud, a significant process was set in motion to study the brain's neuron mechanisms, especially using modern methods of computer mapping. Yet we are still only in the early stages of the process of researching consciousness, and the most important thing at the moment is the set of experimental data. Their meta-analysis at a specific stage will provide an awareness of new concepts and lead us toward a new understanding.

ADVANTAGES OF THE GDV/EPI TECHNOLOGY

- The system is easy to use. The analysis can be totally computer-generated and the procedure does not require certification to administer. The system automatically indicates if the images being recorded are acceptable (fingers properly on the pad, no shaking or moisture, etc.), so the results can be analyzed and stored.
- The technology complements virtually all existing treatment philosophies and specialties. The EPI System is a screening tool that identifies weaknesses in the human body and allows practitioners to more quickly and efficiently focus on areas of treatment, as well as providing a comprehensive method of tracking success.

The key advantages are:

- Screening evaluation of the psycho-physiological state and functional activity of an individual;
- Non-invasiveness, safety and complete sterility of the technique;
- Assessment of the anxiety and stress levels;
- Quantitative information on the energy homeostasis level both for the organism as a whole and for individual functional systems;
- Monitoring of an individual's reaction towards the influence of various treatment procedures, allopathic and homeopathic medicines, and mild informational influences;
- Possibility of tracking the evolution of various processes in time and comparing structural, functional and time processes that take place in the organism;
- Objectivity of the information - independence from the preferences and experience of the user;
- Simplicity and convenience of the method - absence of any particular requirements for the room, the environmental conditions or the qualification of the personnel; during the investigation of an individual's state only measurements from their fingers have to be taken;
- The equipment is relatively cheap and the procedure itself does not involve extra costs.

INDICATIONS FOR THE APPLICATION OF THE GDV/EPI TECHNIQUE

The use of the medical technique of computer EPI/GDV Bioelectrography is advisable during screening examinations, conducted with a view to providing timely and controlled primary prophylactic actions. The application of the technique is also expedient for monitoring the functional state of the organism during treatment and rehabilitation, for preventing the side effects of various therapies, for determining additional indications for allopathic, non-drug and homeopathic treatment methods and providing a more objective assessment of their effects.

MATERIAL AND TECHNICAL SUPPORT

Further developments of the EPI Camera instrument for screening evaluation of an individual's psycho-physiological state and functional activity are currently being produced in Saint Petersburg, Russia. The device is included in the Russian Federation public register of medical products and equipment and has gained UL and CE certifications.

FEATURES

- The scanning process is quick, easy and non-intrusive. Can be done daily for optimal results!
- Provides a wealth of rich data to help identify areas to tend to as you work towards personal coherence.
- Get real time feedback on what factors – positive and negative – affect your energy state
- Obtain instant graphic representations of the data to provide easy reference and interpretation
- Displays data in an easily understood format using graphic representations; placing indicators within the outline of the human form for ease of discussion
- View each scan in a variety of interesting ways with up to seven result display options
- Save or print a report containing all data points of each scan

BENEFITS

- Monitor an individual's energy state over time in order to track their responses to physical and mental exercises, response to environmental changes, or different psychological or physiological loadings.
- Monitor the energy history of your family and friends.
- A powerful tool that provides you with a wealth of rich data to help identify areas requiring attention as the individual works towards personal coherence.
- Get real time feedback on what factors – positive and negative – affect the energy state.
- State-of-the-art, sleek camera that doesn't require a power source. It simply connects to your computer via the included USB-cable.
- Conduct scans, view results and access previous scans through the sophisticated Bio-Well software
- With the Bio-Well accessory pack add-on, measure environment and object energies too!

REFERENCE

The core technical discussion on the GDV/EPI technique has been extracted (and summarised) from:

Energy Fields Electrophotonic Analysis in Humans and Nature

Korotkov, Konstantin

(18th January, 2012)

This book can be purchased from Amazon

THE INVENTOR

DR. KONSTANTIN KOROTKOV PHD, PROFESSOR

Dr. Konstantin Korotkov is a Professor of Physics at St. Petersburg State Technical University in St. Petersburg, Russia.

He is a leading scientist internationally renowned for his pioneering research on the human energy field. Professor Korotkov developed the Gas Discharge Visualization technique, based on the Kirlian effect.



Professor Korotkov holds, or has held, the following positions:

- Deputy Director of Saint-Petersburg Federal Research Institute of Physical Culture
- Professor of Computer Science and Biophysics at Saint-Petersburg Federal University of Informational Technologies, Mechanics and Optics
- Professor of Research in Saint Petersburg Academy of Physical Culture
- President of the International Union for Medical and Applied Bioelectrography
- Consultant for Aveda Co (USA)
- Member of the Editorial Board for:
 - Journal of Alternative and Complementary Medicine (USA)
 - Journal of Science of Healing Outcomes (USA)

Professor Korotkov is the author of 9 books and has published over 200 papers in leading journals on physics and biology. He currently holds 17 patents on biophysics inventions. Prof. Korotkov has led a research career for over 30 years, combining rigorous scientific method with an insatiable curiosity about things of the spirit and the soul with deep respect for all life. He is also a scholar in philosophy and a serious mountaineer of 25 years experience. He has given lectures, seminars and training sessions in 43 countries, presenting papers and workshops at more than 100 national and international conferences.

ACCESSORIES FOR THE BIO-WELL GDV/EPI DEVICE

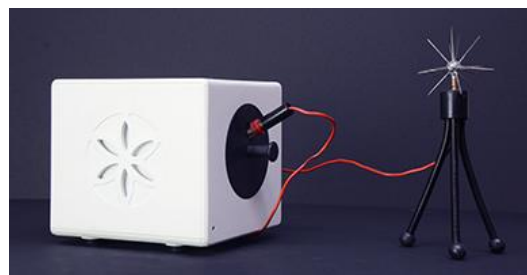


SPUTNIK

Sputnik is a sensor and attachment system that affixes to the Bio-Well device, allowing for the energy of an environment to be read and recorded. For example, to test the energy of a room before, during and after you meditate to see how energy levels change.

The Sputnik sensor is connected to a titanium cylinder inserted onto the Bio-Well lens, creating connected resonance contours. Bias current in the electrical chain of this contour depends on the capacitance of space between Sputnik antenna and environmental-grounded and electro-conductive subjects.

Both geophysical parameters of the particular environment and man-made electromagnetic fields and constructions would influence this capacitance. Emotions are related to the activity of the parasympathetic division of the autonomic nervous system, which changes blood microcirculation, perspiration, blood microcirculation, perspiration, sweating, and other functions of the body, resulting in the changes of the overall conductivity of the body and the conductivity of acupuncture points in particular. Therefore, the presence in the vicinity of the instrument of the emotional people may change the conductivity of space and, hence, the signals of the sensor. This may be related to the formation of areas of decreased entropy in space, or, as Prof. Tiller claims, “associated with the build-up of a negative magnetic charge manifesting in the environment” Some quantum effects may be involved as well.



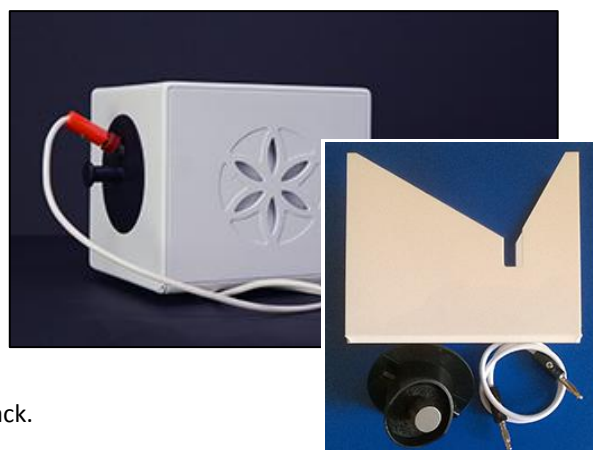
CALIBRATION PACK

The Bio-Well Calibration Pack contains attachments needed to calibrate the Bio-Well camera.

- Allows experienced users to calibrate Bio-Well software to get more precise data in the Health and Energy Status data views
- Metrological testing of the Bio-Well device
- Testing of the functionality of the Bio-Well device

Note:

If you purchase Sputnik you do not need to purchase the Calibration Pack separately, as Sputnik includes a Calibration Pack.



BIO-WELL SPECIFICATIONS	SYSTEM REQUIREMENTS
<ul style="list-style-type: none"> • Product Contents: <ul style="list-style-type: none"> * Bio-Well Device * USB Cable * Finger Socket Inserts (Std & Large) * Cleaning Cloth • Device Dimensions: (L) 11.4cm x (W) 12.1cm x (H) 11.4cm • Device Weight: 0.65 Kg 	<ul style="list-style-type: none"> • Mac OS X 10.4 and higher <ul style="list-style-type: none"> * Does not support iPad • Intel platform only • Windows XP and higher <ul style="list-style-type: none"> * Does not include metro style (desktop applications only) * Tablets with Windows 8 are supported • Minimum level of subscription required: Bio-Well Subscription