PROGRAMSKA OPREMA

Operating system:
Windows 2000, Windows XP, Windows Vista, Windows 7,8

"GDV Capture"

Purpose of "GDV Capture" v.1:
- **static and dynamic** capturing of GDV-images of human fingers;
- **static and dynamic** capturing of series of GDV-images in manual or automatic mode;
- saving captured GDV-images for their further processing and analysis.

The "GDV Capture" v.1 program works with **"GDV Camera"**, **"GDV+"** and **"GDV Acu Scanner"**.

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Purpose of "GDV Capture" v.2:
- calibration of parameters by GDV-images of the test object;
- **static** capturing of GDV-images of human fingers;
- **static** capturing of series of GDV-images in manual or automatic mode;
- saving captured GDV-images for their further processing and analysis.

The "GDV Capture" v.1 program works with **"GDV Compact"**, **"GDV Express"** and **"GDV Fifth Element"**.

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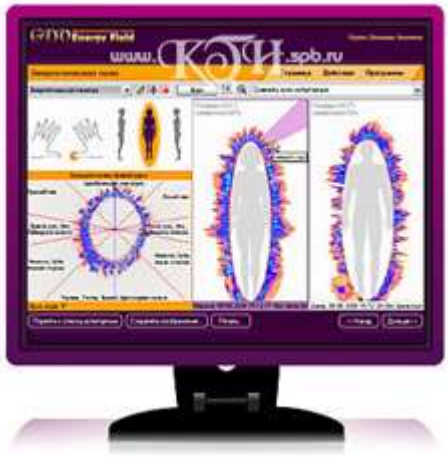
"GDV Energy Field"



Purpose:
- building up a model of human energy field on the basis of the topic map with correlation between the glow of separate sectors of human fingers and his biological systems and organs;
- viewing energy field as an image around human contour;

- numeric presentation of data in tables and diagrams;
- calculation of energy field parameters: area, entropy, fractality and symmetry.

Additional possibilities:
- showing **a dynamic image of human energy field** obtained by comparing the GDV-image zones corresponding to a biological system or organ and parts of human contour where these biological systems are located;
- showing energy field in **the zone names display mode** (point the mouse cursor to an energy field sector to view bubble help with the name of the selected zone; press the left mouse button to show the finger with the corresponding zone of the GDV energy field and this zone will light up);
- showing energy field in an **enhanced mode** which makes it possible to select and study it in detail in the selected scale (2-fold, 4-fold, 6-fold or 8-fold);
- v iewing the energy field mode in three projections (a front and two side ones);
- comparison of the obtained results for several subjects;
- printing out GDV-images of energy field, tables and diagrams.

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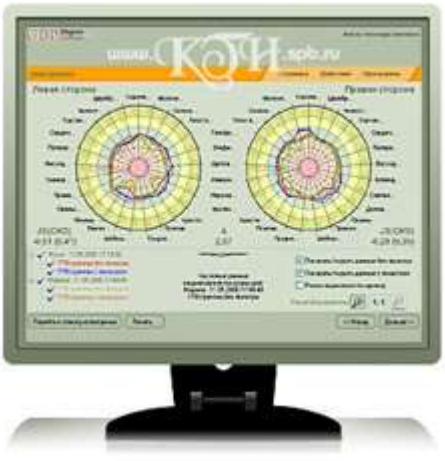
"GDV Diagram"



Purpose:
- analysis of functional state of the subjects versus a practically healthy person;
- showing the results as circular diagrams divided into sectors related to certain parts of human body (moving the mouse cursor on the plot causes bubble help about the current sector);
- plotting histograms of integral parameters:

- **The integral area** is characterized by three levels:
Norm - indicates normal activity of human body and psychic ;
below the norm - a weakening of functional stability of vital activity processes and psychic;
above the norm - an extreme mode of body functioning that can bring to overloading and dysfunction of human systems and organs.
- Integral entropyindicates the functioning state of cell, organ or human body:
normal entropy characterizes active progress of all reactions and processes of vital activity;
an increase of entropy indicates the emergence of new processes leading to cell or organ activity.
a decrease of entropy indicates the inhibition of all redox reactions, reactions of catabolism and anabolism, i.e, switching off many components from the system, cessation of various reactions, disappearance of the field for their development. This state can be observed if there is some pathology, e.g, during atrophy changes, but also in normal conditions (during sleep). Energy decrease can be observed e.g., against depletion when there are no transformation products and all reserves have been spent.
- Activation coefficientindicates the level of psychic state of human;
- presentation of data as a table.

Additional possibilities:
- calculation of the subject's activation level;
- comparison of diagrams for several subjects;
- printing out GDV-images, histograms tables and diagrams.

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"GDV Screening"

Purpose:

- the functional state body analysis of subjects **by separate organs and systems** versus a practically healthy person;
- calculation of numeric parameters (integral area, integral entropy and activation coefficient) for separate organs and systems;
- building up plots on the basis of the obtained data;
- visual analysis of GDV-images in sectors referring to the selected organ or system;
- monitoring of the numeric parameters of the sectors;

Additional possibilities:

- comparison of the obtained results for several subjects;
- print-out of GDV-images, plots and tables.

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"GDV Virtual Chakra"

Purpose:

- graphic display of the normalized energy value and emotional-physical imbalance of the energy centres of human body, chakras, on the basis of processing of GDV-images of 10 fingers. Calculation of GDV-chakras is based on the idea of the connection of a chakra with the part of the finger to which the corresponding systems of human body are projected:

The Muladhara Chakra - the lower part of the second finger corresponding to the sacral and coccyx plexus;
The Swadhisthanna Chakra - the lower part of the fourth finger corresponding to the sacral plexus, urogenital system;
The Manipura Chakra - the lower part of the third finger corresponding to the solar plexus, digestive system;
The Anahata Chakra - the lower part of the fifth finger corresponding to the cardiac plexus, blood circulation system;
The Vishuddha Chakra - the lower part of the first finger corresponding to the throat zone;

The Ajna Chakra - the upper part of the first finger corresponding to the forehead;
The Sahasrara Chakra - the upper part of the fourth finger corresponding to the cerebral cortex, the entire nervous system.

- presentation of the table containing numeric values of the calculated chakra parameters.

Additional possibilities:

- viewing the results on the plots of two types:

projection of chakra parameters on the human contour as circles where the diameter corresponds to the normalized energy level and the shift of a circle to the right or to the left to emotional-physical imbalance;
display of parameters on an ordinary plot as a line with markers. The chakra number is marked on the horizontal axis and the normalized energy value or emotional-physical imbalance on the vertical one;

- for each calculated chakra parameter its value, asymmetry and **interpretation** are output in correspondence with the Ayurveda concept in Indian medicine;
- comparison of the results for several subjects;
- print out of GDV-images, plots, reports and tables.

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"GDV Motivation"

Purpose:

- Estimation of priorities and social-psychological needs of a person.
- Estimation of psycho-emotional expenses of a person, his energetic potential for implementation of the stated goals.

Additional possibilities:

- Visualization of the results in forms of graphs and charts
- Comparison of the received data for several test subjects or for one test-subject in different states.
- Report regarding state of the test-object in the text form, contains analysis of the received data.
- Possibility to print GDV-grams, graphs, charts and reports.

"GDV Atlas"

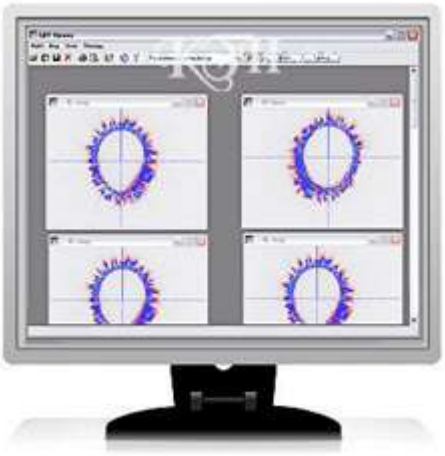
Purpose:

- GDV Atlas is a combination of "GDV Screening" and "GDV Diagram" programs possessing a number of new user options.

Additional possibilities:

- It is designed for the analysis of GDV parameters of the functional states of various body systems and organs in the traditional form of classical medicine.
- GDV Atlas makes it possible to present the functional state of a human body in multi-level skeletotypical and organotypical aspect and to visually analyse GDV-images in sectors corresponding to the selected organ or system.

"GDV Viewer"



Purpose:

- viewing and visual comparison of GDV-images of biological and physical subjects.

Additional possibilities:

- viewing GDV-images in various noise filtering and pseudocoloring modes;
- calculation of parameters of loaded images;
- presentation of numeric values of GDV-image parameters in a table form;
- print.

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"GDV Scientific Laboratory"

Purpose:

- multi-parametrical processing of static and dynamic GDV-images including the following:

- calculation of numeric characteristics of GDV-images both for the whole image and for separate sectors;
- formation of up to 10 samples of GDV-images and their statistical comparison by the selected GDV parameters;
- calculation of statistical characteristics of each sample by the selected parameter;
- calculation of trends, the entropy and fractal analysis of time series of the dynamic GDV-image parameters;
- visual analysis and comparison of the initial GDV-images and arrays of calculated and numeric data.

Additional possibilities:

- work in one of the two modes, **dynamic** or **static**;
- saving the processing results to files and printing of reports;
- creation of a detailed report in MS Word format.

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"GDV Sport"

Purpose:

- estimation of the psychoemotional state parameters expressed as expert-diagnostics conclusions and integral indices reflecting the level of functional-energy state of human body based on GDV-images of human fingers. The calculated parameters and indices express the potential of success in human activity.
- estimation of a potential success and efficiency of athletes and working staff. Based on these characteristics an individual rating of a person in the team is calculated.

The method is based on high correlation (correlation coefficients more than 0,85) of the indicated parameters and indices calculated independently using tests and expert conclusions, with geometrical and brightness characteristics of GDV-images.

Additional possibilities:

- comparison of the obtained results for several subjects;
- printing out GDV-images, plots and tables.

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"GDV Neurotonus"

Purpose:

- rapid assessment of the functional state of the subject's nervous system (NS);
- evaluation of the subject's current psycho-physiological stat;
- identification of susceptibility to the development of various functional (psycho-physical) states including their prenosological and abnormal forms;
- evaluation of the severity of the impact of various environmental factors on human.

Additional possibilities:

- printing a text report on the survey results;
- adding comments and doctor's prescriptions to the report.

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"Interpretation for GDV Software"

Purpose:

- the program enables to generate and print out the text conclusions based on the digital data analysis of the GDV Diagram program of the GDV Software package.
- the program enables to add to text conclusions doctors' diagnoses and patients' complaints, and also photos and comments, which brings the diagnostics based on the GDV technique closer to an ordinary outpatient examination.

To build the diagnostic rules the database was used formed in the process of examination of several hundreds of patients.
The rules were formulated by specialists with ten years of experience of practical work with GDV.

Additional possibilities:

- to simplify and to speed up the interpretation process of GDV data and the whole examination;
- to form automatically text conclusions based on the GDV examination results;
- to add photos, comments, diagnoses and patient's complaints;
- to print out the text report on the examination results;
- to save and look through the whole history of patient's examinations in the program.

download User manual in *.chm format (0,5 Mb)

"GDV Effect"

Purpose:
The program is designed for the numerical comparison of two sets of GDV data before and after exposure. The comparison results are presented in a tabular form.

Additional possibilities:

- Quantitative and qualitative assessment of data comparison;
- Printing GDV-images and tables.

"SBJmanager for GDV Software"

Purpose:
The control system of GDV data "SBJ-manager for the GDV Software" is designed for easy storage and use of all information about patients and their GDV series.

Additional possibilities:

- Create, edit and view files with GDV-series and complete patients' data
- Perform GDV capturing using the GDV Capture program
- Process and view GDV-series in the GDV Software programs

- Work with high-grade patients' files: add photos, comments, diagnoses, and contact information
- Categorize and sort patients by various parameters.

"GD.Veda-Fito"

Purpose:

"GD.Veda" program is based on ancient canons of Ayurvedic and Tibetan medicine combined with the latest achievements in functional diagnostics.