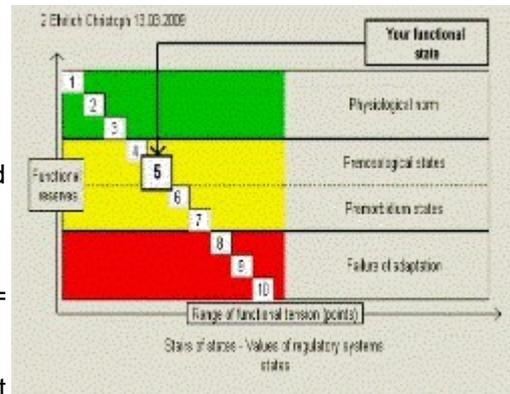


KARDiVAR.TV

**Everybody take a colour print out of his heart portrait
Look after your heart, it's the only one you've got!**

The Heart Rate Variability (HRV) is an indicator of the neuro-vegetative activity and the autonomous functions of the heart. It describes the heart's ability, the time interval from heartbeat to heartbeat (RR – Interval) changing continuously, so one can adjust the inner and outer and strains. This ability of heart's adjustment is based on an optimal interaction of sympathetic and parasympathetic nervous system.

A good Heart Variability achieves the Body when a balance exists between sympathetic and parasympathetic (Sympathetic = the car accelerator will be active and the parasympathetic = the brake is technically good maintained and will be deployed as responsible). With the measurements help and analysis of Heart Rate Variability through the KARDiVAR system, the interaction between the sympathetic and parasympathetic will be distinct.



Prof. Baevsky

Decades of research in the Russian space medicine have shown that the cardiovascular system and its regulation systems - carotid sinus (extending just above the junction of the main artery in the neck), para- and sympathetic (nervous system), hypothalamus (CNS region below the thalamus brain) and pituitary gland (pituitary gland) - an incredibly precise and sensitive indicator for the adaptive response of the organism to the totality of the factors acting on it.

In KARDiVAR the 5 minutes measurement duration (including ECG) the Heart Rate Variability will be determined, four demonstrative graphics will be shown, whether the nervous system is in homeostasis status or a deregulation (ex: until burn out) exists. A traffic light system shows the evaluation clearly arranged and apply the mitochondrial complex agent. view the heart rules...

The heart rate variability (Heart Rate Variability = HRV) in the U.S. is the gold standard for cardiologists. The importance of heart rate variability in the U.S. shows is that about 90% of all publications from the U.S.. Important information on KARDiVAR

The starting point is in each case the work of Prof. Baevsky and here we have agreed on the following language requirements:

1. HR = PulsfrequenzSDNN = variability in ms
2. CV = variability in%
3. SI = Stress Index (sympathetic tension)
4. IC = Centralization Index (drive, motivation)
5. RSAI or IARS = ranking traffic light rating
6. AA = number of arrhythmias in%
7. HF = parasympathetic (high frequency)
8. LF = somatic pressure, vascular tone (low frequency)
9. VLF = Sympathetic (Very Low Frequency)

KARDiVAR was designed for use in a variety of medical fields, such as cardiology, neurology, anesthesiology, diabetology, pediatrics, physiology, physiotherapy, general practitioners, clinics, hospitals, medical wellness, sport teams, fitness industry, Occupational Medicine and other. However, it is also invaluable for evaluating the level of persons who are constantly subjected to environmental influences associated with raised physical or psycho-emotional burden levels.

The device is easy for a trained operator to use: even for non-physicians, such as psychologists, educators, sociologists, etc. To use non-physicians, personal trainer and sport teams it offers the ability to acquire coherent data about a subject overall state of health quickly and to determine a procedure for eliminating disharmony in the body based on the measurements attained. The electrodes are can be

connected, in different ways, to the wrists and above the ankles, according to the medical instructions for use (see the second enclosure in the KARDiVAR device Medical instructions). A green diode on the instrument is lit up when the device is really registering the heartbeat. KARDiVAR computes the electrocardiogram immediately after measurement. The physician can analyze the ECG on the monitor and compare it with previous measurements. Patients can take a colour print-out of their heart portrait with them to work toward better therapeutic success. The colour print produce health awareness!

The result: Green - Yellow or Red

The presentation of the measurement results on the KARDiVAR display is brilliantly simple. The current Cardio Index (CSI) is shown in the traffic-light colours, quickly and simply. Green colour in the cardio portrait means that there are no deviations, yellow and the red colour indicates slight to significant deviations compared with the standard values stored in the device.

The KARDiVAR device can be used with a notebook or PC. A CD with installation and diagnostic software is included in the package. The program setup.exe performs the installation. The program is compatible with Microsoft WINDOWS 95/98/ME/200-NT/XP operating systems. 512 MB RAM - CD-ROM drive - 100 MB free space on HDD - VGA monitor. The instrument can be purchased as a stationary device for use with a colour printer and PC, according to the needs of the medical and diagnostic workplace.

TeamViewer: the All-In-One Solution for Remote Access and Support over the Internet

Similar instruments are employed in the USA and Canada to examine the health of persons. The KARDiVAR complex fully complies with all EU medical and technical standards. With the KARDiVAR acquisition, the therapist obtains a voucher, so he can use our Internet Clinic, there the results will be comprehensively analysed and professionally interpreted, in 4 Languages: Greek - English - German, and Czech from Prague. After you bought KARDiVAR, after the registration and verified purchase of KARDiVAR you will receive 40 free credits. (Occupational safety and health is a cross-disciplinary area concerned with protecting the safety, health and welfare of people engaged in work or employment.)



Important information on KARDiVAR

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Total Power is partly misleading, because arise at very high or very high parasympathetic SDNN ratio in this formula because of the extremely high values. Here is a picture in the future - similar to the scatter plot - provide better intelligibility. As a note today is already in the spectral analysis the information that should be the relation between VLF, LF and HF = 2:1,5:1 optimal distribution.

A good heart rate variability reaches the body when there is a balance between sympathetic and parasympathetic nervous system (sympathetic = the gas pedal the car is activated and the parasympathetic nervous system = the brake is serviced technically good and is used responsibly).

Who should get measured?

EVERYONE:

- with mental and physical stress
- with burn-out syndrome
- with chronic diseases
- with sleep disorders
- with allergies
- with chronic pain

- very overweight
- before and after surgery
- before, during and after chemotherapy
- in competitive sports for training management
- anyone, who want's to prevent (PROPHYLAXIS)

Why should I measure myself?

To obtain objective measurements of functional status of the autonomic Nervensystemsum objective measurements obtained for the carrying capacity of the body in stressful Situationenum objective measure and getting dreaded chronic diseases to gain objective measurement values for individual health care.

How often should I have to measure myself?

- 6 x per year by chronic disease and stress that - for status monitoring
- 1 to 2 times per year for prevention (because live)
- to review after the therapy to the treatment outcomes
- on the advice and recommendation of the therapist

The importance of the individual index values:

HR (heart rate) is greater than 100 = danger for the heart

SDNN (mean square deviation, variability of heart rate) is greater than 100 = risk of cerebral infarction

SDNN (mean square deviation, variability of heart rate) is less than 10 = risk of heart attack

CV (CV) describes the qualitative variability of heart rate, greater than 15 = danger for stroke

SI (stress index) greater than 1000 = risk of heart attack

IC (centralization index) is below the standard = risk for burnout, depression

IC (centralization index) = below normal risk of mania

At significantly increased number of arrhythmias and extremely elevated levels in

SDNN and CV are at increased risk for stroke

Power HF (high frequency) defines the parasympathetic

Power LF (low frequency) defines the vasomotor center, the pressures on blood vessels and the risk of hardening of the late effects of calcification.

Greatly exceeding the normal range as the poor handling of stress

(Problems to be wolfed down in it), far below the normal values characterize the choleric. LF defined together with power VLF (very low frequency) the sympathetic

TP (Total Power) is a summary of each parameter. An extreme below the standard values must be at the above Values are taken into account!

KARDIA.TV

A typical burn-out syndrome is manifested in a combination of:

IC less than 0.8,

RF larger than 60

VLF as a small 15th

In the left column of the functional status is assessed. The steps

1-3 define the physiological norm

4-5 pränosologischen defining condition

6-7 define the premorbid state, ie, the steps 4-7 already show disturbances in the regulation of the autonomic nervous system

8-10 The failure to define the termination of the adaptation.

The adaptability of the heart to external and internal changes failed. In the lower part of the state of assessing regulatory systems and their activities is described.

The middle column shows a portion of the ECG recording. The below pictured Cardiointervalogramm shows graphically the variability of heart rate:

Each heartbeat is shown with a blue bar, the length of this bar reflects the time interval to the previous heartbeat Siberian Husky importance of the main parameters of the Herzrhythmusse have been described above. The state description / summary they take very seriously.



The right column shows the histogram into individual graphics. Here, the frequency ranges of the individual heart beats in its percentage number are displayed. The use of color, the assessment of functional status resist (left column).

The scatter diagram shows to what extent is the variability of heart rate within or outside the normal window. The spectral function shows we distribute the shares of HF, VF and VLF. The ULF range will not be valued.

The ideal distribution of the spectral analysis is as follows:

HF (parasympathetic) 1.0
LF (vasomotor center) 1.5
VLF (sympathetic) 2.0

That is, should the LF range of 1.5-fold from the RF field amount to the VLF Bereich should be twice as high as the RF field.

In the ideal case would be the distribution:

HF (parasympathetic) 22
LF (vasomotor center) 33
VLF (sympathetic) 45

You know PREVENTION for your car!

A good heart rate variability reaches the body when a balance between sympathetic and parasympathetic nervous system is (sympathetic = the gas pedal the car is activated and the parasympathetic nervous system = the brake is serviced technically good and is used responsibly).

Depression is often present in patients with coronary heart disease (CHD) and is independently associated with increased cardiovascular morbidity and mortality. Screening tests (KARDiVAR) for depressive symptoms should be used to identify patients make the further investigation and treatment.

- Heart tests can delegated to a assistance,
- are noninvasive, fast and painless, professional,
- require little time (5 min.) and are affordable.
- Free online training of your STAFF.
- Free online installation on your computer.
- Free online training of the software.
- Did you know that 2 out of 3 people with diabetes die from heart disease and stroke?
- The SOLUTION is the picture result for a better health education/awareness

**Kardia is the Greek word for heart.
But, kardia is also found in the New Testament
of the Holy Bible, where it refers to the seat of human emotions.
The heart is the spot where God personally deals with an individual's life.**

KARDiVAR-MEDICAL

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