

Ihre Sicherheit:

Messen - Machen - Messen

Unser Anspruch ist es validierte Ergebnisse in bestmöglicher Qualität einfach darzustellen. Dazu verwenden wir nur etablierte und sichere Messtechnik und Verfahren wie Phasenwinkel, Bioelektrische Impedanzvektoranalysen, ECG/EKG und die daraus abgeleitet HRV. Wir arbeiten mit einem großen fachkundigen Expertenkreis zusammen der fortlaufend Analyse-Ergebnisse prüft und in wissenschaftlichen Studien deren Genauigkeit bestätigt. So haben Sie Gewissheit, dass wir die Vieva-Systeme kontinuierlich an den aktuellsten Stand der Wissenschaft anpassen und in Referenzprojekten neue Interpretationen und Werte innovativ definieren und weiterentwickeln.

Studienarbeit in Vorbereitung:

Vorstudienphase zu Immunstatus / Antiviraler Status und Oxidativer Stress, Prof. B. König.

Referenz-Studien zu Vieva pro:

Labor - Dokumentationen und Fachinformationen für Vieva pro Systeme, L. Frey, 2018

Diese Arbeit enthält eine Zusammenstellung von 8 Messwerten aus Blutdiagnostik und Vieva pro Analyse, die in Praxisgemeinschaften erhoben wurden. Es handelt sich um eine Dokumentationsarbeit zur Referenzwertbildung für die Berechnungsverfahren von Nährstoffsituationen.

Alle Probanden waren nach aktiven Stressmarkern in einem normalen bis weitgehend normalen Bereich und es lagen nach schulmedizinischer Sicht keine akuten Erkrankungen bzw. Störungen vor.



Referenz Studie Fachkurhaus Seeblick, 2020

Diese Referenz-Arbeit enthält eine ganzheitliche Zusammenstellung von Vergleichsdaten bei zeitgleicher Blutdiagnostik und Vieva pro Analyse in im Fachkurhaus Seeblick in der Schweiz. Die Vergleichsdaten ergaben eine Übereinstimmung von 84% zwischen den Verfahren.



Grundlegende Studien zu Biofeedback / HRV in wissenschaftlichen Publikationen:

Phasenwinkel und Bioelektrische Impedanzvektoranalyse Klinische Anwendbarkeit der Impedanzparameter Phase Angle and Bioelectrical Impedance Vector Analysis Clinical Practicability of Impedance Parameters Autoren Institut N. Stobäus, K. Norman, M. Pirlich Medizinische Klinik mit Schwerpunkt Gastroenterologie, Hepatologie und Endokrinologie, Charité Universitätsmedizin Berlin

American Heart Association - OSA-Screening with HRV (Jan. 1999) Screening of Obstructive Sleep Apnea Syndrome by Heart Rate Variability Analysis: Frédéric Roche, Jean-Michel Gaspoz, Isabelle Court-Fortune, Pascal Minini, Vincent Pichot, David Duverney, Frédéric Costes, Jean-René Lacour and Jean-Claude Barthélémy.

The Ulster Medical Journal - Kardiotokographie (CTG) (1966).

Referenz: Gribble MO, Cheng A et al.: Mercury Exposure and Heart Rate Variability: a Systematic Review; Curr Environ Health Rep. 2015 Sep;2(3):304-14.

Entzündungen und HRV - Jarczok MN, Koenig J, Mauss D, Fischer JE, Thayer JF. Lower heart rate variability predicts increased level of C-reactive protein 4 years later in healthy, nonsmoking adults. Journal of Internal Medicine. 2014;276(6):667–671. doi: 10.1111/joim.12295.

Foetal heart rate monitoring - present lessons and future developments: By C. R. WHITFIELD, M.D., M.R.C.O.G., Department of Midwifery and Gynaecology, The Queen's University of Belfast. HRV analysis is a recognised tool for the estimation of cardiac autonomic modulations. Reduced HRV is a powerful and independent predictor of an adverse prognosis in patients with cardiac disease. It has a potential to become a noninvasive diagnostic and prognostic index in clinical practice, particularly in patients with post myocardial infarction and diabetic neuropathy. Although assessment of HRV in other clinical settings seems to be

helpful and promising, substantial number of further prospective studies in larger population are needed to evaluate the validity of HRV in general medicine.

Indian Pacing Electrophysiol Journal - HRV in der Allgemeinmedizin (2003) Heart Rate Variability Analysis in General Medicine: Yi Gang, MD, PhD and Marek Malik, PhD, MD, FACC, FESC; St. George's Hospital Medical School, London, UNITED KINGDOM

American Heart Association - Mental Stress (2010) Behavioral Neurocardiac Training in Hypertension: Chessex, Natalie Hiscock, Jonathan Powell, Michael Catt, Hilde Hendrickx, Duncan Talbot and Robert P. Nolan, John S. Floras, Paula J. Harvey, Markad V. Kamath, Peter E. Picton, Caroline Chessex, Natalie Hiscock, Jonathan Powell, Michael Catt, Hilde Hendrickx, Duncan Talbot and Maggie H. Chen.

International Heart Journal Association (2010) Effect of Tai Chi training on baroreflex sensitivity and heart rate variability in patients with coronary heart disease: Shinji Sato, Shigerun Makita, Ryusei Uchida, Shunichi Ishihara and Masaru Masuda.

The Tohoku Journal of experimental Medicine (2010) Increase in the Heart Rate Variability with Deep Breathing in Diabetic Patients after 12Month Exercise Training: Bhagyalakshmi Sridhar, Nagaraja Haleagrahara, Ramesh Bhat, Anupama Bangra Kulur, Sridhar Avabratha and Prabha Adhikary.

Tohoku Journal of Experimental Medicine (2006) Increase in the Heart Rate Variability with Deep Breathing in Diabetic Patients after 12Month Exercise Training: Bhagyalakshmi Sridhar, Nagaraja Haleagrahara, Ramesh Bhat, Anupama Bangra Kulur, Sridhar Avabratha and Prabha Adhikary.

ECG marker of cardiopulmonary coupling in sleep (2009) Prevalent Hypertension and Stroke in the Sleep Heart Health Study: Association with an ECG-derived Spectrographic Marker of Cardiopulmonary Coupling: Robert Joseph Thomas, Matthew D. Weiss, Joseph E. Mietus, Chung-Kang Peng, Ary L. Goldberger and Daniel J. Gottlieb.

BioMedCentral Psychiatry (2013) A new chronobiological approach to discriminate between acute and chronic depression using peripheral temperature, rest-activity, and light exposure parameters: Cláudia Ávila Moraes Trinitat Cambras, Antoni Diez-Noguera, Regina Schmitt, Giovana Dantas, Rosa Levandovski and Maria Paz Hidalgo.

European Journal of Applied Physiology (2008) Effect of physical activity on heart rate variability in normal weight, overweight and obese subjects: results from the SAPALDIA study: Denise Felber Dietrich, Ursula Ackermann-Lieblich, Christian Schindler, Jean-Claude Barthélémy, Otto Brändli, Diane R. Gold, Bruno Knöpfli, Nicole M. Probst-Hensch, Frédéric Roche, Jean-Marie Tschopp, Arnold von Eckardstein, Jean-Michel Gaspoz and the Sapaldia team.

Molecular Cell (2012) Clocks, metabolism, and the epigenome: Dan Feng and Mitchell A. Lazar

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Complementary Therapies in Medicine (2010) Sympathomodulatory effects of Saam acupuncture on heart rate variability in nightshift-working nurses: Deok-Sang Hwang, Hyeon Kwon Kim, Jung Chul Seo, Im Hee Shin, Dal Ho Kim and Yong-Suk Kim.

Industrial Health (2012) Differences in Heart Rate Variability of female nurses between and within normal and extended work shifts: Susanna Järveline-Pasanen, Annina Ropponen, Mika P. Tarvainen, Pasi A. Karjalainen and Veikko Louhevaara.

Chronobiological International (2010) Working the night shift causes increased vascular stress and delayed recovery in young women: Shih-Hsiang Lo, Lian-Yu Lin, Jing-Shiang Hwang, Yu-Yin Chang, Chiau-Suong Liao and Jung-Der Wang.

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Vitaltuning UG * info@vitaltuning.com Fachinformation wiss. Studien Biofeedback HRV

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Thajudin Ahamed et al., Electrical Engineering Department, National Institute of Technology (2008) Effect of mobile phone radiation on heart rate variability The study shows negative changes in the HRV (heart rate variability) through the use of mobile phones and thus an influence of the autonomic nervous system was detected by high-frequency electromagnetic radiation, outside the thermal effect.

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Measures of an athlete's heart rate variability (HRV) have shown potential to be of use in the prescription of training. However, little data exists on elite athletes who are regularly exposed to high training loads. This case study monitored daily HRV in two elite triathletes. The data suggest that trends in both absolute HRV values and day-to-day variations may be useful measurements indicative of the progression towards maladaptation or non-functional over-reaching.