VitalWave®

The new generation of equipment for Micro Energy Therapy [MET]

Information for therapists only!
Applications, Programmes and Master programmes*

Initial harmonisation
Yin Yang balance of organs
Chakra balance
Meridian balance
Synchronisation of both halves of the brain

Connectable, individual recording by ultrasound hearing
Pink noise
Meditation
Music
Affirmations

Parallel master programmes
M1 Scar treatment
M2 Muscle regulation
M3 Bioenergy
M4 Lymph
M5 Mental stability
M6 Acupressure

Discharge/wet compress
W Antibiotics
W Arthritis compress
W Blood purification - toxins
W Blood purification - parasites
W Botox
W Chronic bronchitis
W Cortisone
W Decadification, purification
W Vaccination toxins
W Neurodermitis
W Relief from muscle tension
W Muscle growth
W Organs
W Psoriasis
W Rheumatism
W Vitality

Joint programmes
G Foot
G Ankle joint
G Knee
G Hip
G Sacroiliac joint
G Lumbar spine
G Thoracic spine
G Cervical spine
G Shoulder
G Elbow
G Wrist
G Jaw joint

Organs/organ systems/illnesses
Lymph
Bioenergy
Muscle regulation
Scar treatment
Mental stability
Angina pectoris
Anxiolytic/calming
Antibacterial
Antiviral
Asthma
Pelvic floor
Haematoma, bruises
Bodybuilding
Borreliosis
Bursitis
Constipation
Diabetes
Fractures
Gout arthritis
Herpes zoster
Strengthening of the immune system
Ischialgia
Peripheral paralysis
Micro EFT
Multiple sclerosis
Torn muscle fibre
Muscle rupture
Pulled muscle
Myofascial pain
Nerve pain
Neuralgia
Allergic oedema
Peritonitis
Post operative
Prostatitis
Rheumatism, Poliarthritis
Ruptured tendon
Vegetative regulation
Wound treatment

Organ/Meridian programmes
OM Liver
OM Kidney
OM Spleen/pancreas
OM Colon
OM Stomach
OM Small intestine
OM Lungs
OM Bladder
OM Gall bladder
OM Heart
OM Circulation sex meridian/orthostatic
OM Triple Warmer/Parallel
Organ mix

Chakras
Chakra 1
Chakra 2
Chakra 3
Chakra 4
Chakra 5
Chakra 6
Chakra 7
Chakra mix

5 Element teaching
E1 Wood
E2 Fire
E3 Earth
E4 Metal
E5 Water
E6 Element mix

Planets
P Mercury
P Jupiter
P Saturn
P Uranus
P Neptune
P Pluto
P Earth, solar day, middle
P Earth, sidereal day
P Earth, tropical year
P Earth, platonian year
P Moon, synodic month
P Moon, sideric month
P Moon, culmination
P Planet mix

*Modifications and enhancements to the technical application programs are subject to change.
Healing currents in Information Medicine

Healing currents, whether originating directly from humans or through magnetic fields or induced by other means, have been known in almost all advanced cultures for many thousands of years. Whether in China, Ancient Babylonia, Ancient Egypt, or during the time of the Incas, the Mayas or the Greeks and Romans – they all knew about the phenomenon of «body electricity» and used methods of electrical currents or the healing current’s induced magnetism to give therapy.

Our entire cosmos was and is created through so-called «energy fields» and constantly regenerates itself. Initially, such «fields» are areas of unspecific energy. Phenomena such as photons, electrons, atoms or molecules develop through the compression and differentiation of such energy. Other more complex material forms such as cells, tissue or higher living organisms are also induced by such energy fields. On the other hand, unspecific energy is created when such formations decompose or are destroyed. The formation of compressed matter from «energy fields» takes place through information. In this way energy creates new ordered structures from matter. In terms of physics, energy and information are therefore the actual formative factors for the development and function of our material world and also all animal, plant and human life. So if every form has a form creating agent, it must also be possible to change this form by altering the form creating agent. Healing currents creating order as information can, to a certain extent, be viewed as such «form creating agents». Bruce Lipton was able to present impressive proof of this phenomenon at a cellular level of biological systems for integral membrane proteins.

Eastern philosophies call this form creating energy field the «ethereal field». The biochemist and cell biologist Dr. Rupert Sheldrake speaks of the form creating agent or from a «morphogenetic field» [morphe = shape, form and genos = birth, creation, production]. Especially in Asia, where the ancient tradition of Chinese medicine according to the philosophical principles of the two basic poles of energy – the negative and the positive polarities of Yin and Yang – have continued to be followed, this electromagnetic-energetic healing tradition is still popular today.

The West has also learned from this and has reflected on its old «energetic» traditions. Compared to acupuncture, which is also popular in the West, and magnetic field therapy, Micro Energy Therapy is still a young discipline of treatment. Its essential features were developed at the beginning of the 20th century by Dr. Albert Abrams et.al. In the 1970s it experienced a certain renaissance in the USA. These approaches were later developed professionally in the 1990s through the pioneering work of physicians and doctors such as Prof. Dr. Gerhard Fischer [quanten medicine], Prof. Dr. Robert O. Becker [body electricity] or the US doctor and chiropractor Dr. Carolyn McMakin.

Micro Energy Therapy analogous to the body

Micro Energy Therapy, also known as MENS - Microcurrent Electrical Neuromuscular Stimulation, is based on the fundamental principles of the body’s own cell electricity, which helps the organism to be able to use these healing currents as information. The strength of the current used is extremely small. It is just 1 microampere, which is one millionth of an ampere [1/1000000] or 1/thousandth of a milliampere [1/1000]. Every other form of electro therapy uses forms of current with a much higher flow rate [EGS, TENS, interference current therapy, etc.]. A temporary effect of the much stronger simulation current is usually based on the function of endorphin-encephalin, which can only provide temporary relief. However, at the same time the cell functions, for example, ATP production and protein synthesis, sink below normal levels, in part up to 50% of their normal value. This is the exact opposite of what is understood by regeneration and rejuvenation.

On the other hand, micro currents speak the body’s own biological language and make the cell compliant energy available for the regeneration of individual areas or even the entire organism. Micro stimulation lies within the natural, physiological electricity, which the body itself directs to injured, damaged or undersupplied areas. This is generally known at the «injury current». The injury current in the organism can be strengthened by the introduction of analogue energy.1

1 Cf. Prof. Dr. med. Robert O. Becker, The Body Electric – Körperelektroknizität, Leben Verlag AG - St. Gallen
Vibration and energy medicine of the third millennium with VitalWave®

The innovative micro current therapy from VitalWave® uses the fundamental relationships with the human energy body and with their »biological windows of the cells« by focussing primarily on unspecific, ultraweak low frequency vibration patterns in the aforementioned ampere range, so that it is placed together on the amplitude window of the cells. It corresponds to the natural electricity of the human organism, on which basis the cells communicate with each other. So, apart from medically indicated exceptions, Micro Energy Therapy works with ultra weak physiological frequency »fields«, whose signals are related to each other in a spacial and temporal correlation [frequency, amplitude, form of signal].

The connections with quantum physics and the abilities of the cells with regard to their electrical sensitivity are not yet exactly known. However, scientists see these informative phenomena as being analogous to the receptor-ligand interactions, also known as the »lock and key principle«, explored in molecular biology, such as during the binding of a »suitable« molecule [insulin cell]. Analogous to the material level, low frequency information energies such as those used by VitalWave® work on the informative level according to the principle of stochastic resonance [SR], a phenomenon visible in the bio-field, in which weak signals can be better accounted for, under certain conditions, when they are »noisy«. The basic function of SR is a non-linear system, which does not only answer the input signals or the system stimuli proportionally, but also over or under proportionally. The effectiveness of SR in biological systems [comparable with overtones in music] is, on the one hand, dependent on the characteristic, working effectively [bistability or multistability], for which the action or resting potential of the cells stands: active-inactive. On the other hand, the effectiveness of the »noise information« consists of the higher biological systems such as the human organism being generally non-linear systems with a high sensitivity towards alternating bioelectric fields.

Non-linear systems are able to self-regulate [basic regulation] with the help of such signals. In connection with the Micro Energy Therapy of VitalWave® this means: the electrical current or a certain frequency created by therapists cannot heal the illness on its own, rather the affected non-linear system can use the bioelectric information from ultra weak, low frequency electromagnetic »fields« in a system intelligent manner to create the opportunity for a »redesigned settlement« [information] of the structures. The entitlement to relationship between receptor-ligand interactions and stochastic resonance is also based on the basic acceptance of the similarity in the systems of biological structures.

Cell environment and cells: Nutrient solution and regeneration battery for healing currents

Our body cells are like small batteries. It is only through the electric current on its cell membranes that an energetic, healthy organism can only maintain its functions such as cell metabolism and »rejuvenation« by cell division. This »resilience« diminishes through the natural ageing process and heavy burden on the body. This has consequences for the energy supply and the waste management of our cells, more specifically the cell generation centres which work in our cells – the mitochondria. Mitochondrial disorders or functional disorders of the mitochondria can be the cause of almost all complex syndromes, diseases caused by lifestyle and multi-system diseases.

Decisive influencing factors for metabolic disorders are cellular hypoxia [oxygen deficiency] and intracellular alkalosis usually due to heavy metal pollution or other pollutants. They are accompanied by a lack of hydrogen/proton and potassium. As a rule such »fatigue« of the cell generation centres of our cells first manifests itself as a vague state of exhaustion, also known as chronic fatigue syndrome (CFS) or burn out. In case of diminished cellular respiration being sustained it can result in serious malfunctions in metabolic processes and a variety of chronic illnesses or multi-system diseases including cancer.

»Everything in Life is Vibration – Alles im Leben ist Schwingung«
Albert Einstein
Quantum physicist [1879 – 1955]
An important pillar of support alongside the stimulation of the cell function and the influence of the cell environment with VitalWave® is nutrient based support of the metabolic stimulation dormant in the “information”. The therapeutic regulation and especially the regulation of the acid-base environment and discharge of toxins are an integral part of holistically functioning naturopathic practices. It is also agreed that it is not sufficient to simply supply more bases, but rather to divert acids quickly and effectively along with other undesired matter. The individual compartments (blood, tissue, cells) must be “adjusted” to their respective optimum pH environment and to their nutrient requirements. Our comprehensive wet compress supports these processes and is part of a holistic concept solution, the metabolic program dr. reinwald metabolic regulation® med.

Basis of primary regulation and pain therapy:
ATP metabolism, protein and membrane synthesis

Every body cell in our organism has electromagnetic stress resistance as a biological standard. However, at the same time millions of individual processes result in useful, harmonious cooperation based on the “information” of all cells. For example, on the edges of wounds increased physiological currents, meaning that they surpass the biological normal, are measured. As long as we live they have healing effects, thus stimulating cell proliferation.

Adenosine Triphosphate (ATP) acts as an energy transmitter, the formation of these energy molecules takes place in central metabolic processes of the “inner respiration” in our cell generation centres, the mitochondria. An optimally functioning ATP metabolism is the best prevention against mitochondriopathy.

Stimulation of mitochondrial activity through Micro Energy Therapy (MET) with VitalWave® can stimulate the metabolism, regenerate and build tissue as well as the cells and cell environment. In studies of MET the following factors, among others, have been researched and measured²:

• Increase in protein synthesis up to 73%
• Increase in membrane transport up to 40%
• Increase in ATP synthesis up to 500%
• Acceleration of wound healing processes from 150% to 250%

Due to their multi-faceted and mobile uses MET equipment such as that of VitalWave® is being used in the clinical-medical sector and in competitive sport as well as increasingly in physiotherapy and rehabilitation to build up muscles, increase muscle strength and to prevent and eliminate various muscle complaints. This gentle technology is also being used more and more frequently in the field of cosmetics, especially in medical cosmetics with alkaline face masks, alkaline compresses and purifying cellulite treatment which regulate the acid-base balance.

The highly versatile range of applications with VitalWave® can quickly reduce acute pain and discomfort and visibly improve the condition and appearance very quickly. Shortly after the first use an increase in vitality, general well-being, mobility and, above all, an enormous increase in athletic performance and stamina is visible, measurable or noticeable.

²See also the studies of Ngok Cheng et.al. 1982 and cf. Carly et al, Archieves of Physical Medicine, July 1965
Practical advantages of the new generation

- high level of user-friendliness through the modern display and touch sensitive operation
- user-controlled, visual menu representation on display
- user-controlled, visual and colour representation of the electrode attachment on display
- Patient register with individual patient programme memory available
- significantly reduced training time for medical practice personnel
- pulsed direct current with changeable square wave pulse in the spectrum 0,1 – 9999 Hz / 0.000.001 – 0.000.006 ampere
- parallel measurement of the biofield with intelligent regeneration for the optimal course of therapy in 2 second intervals and without irritation of the tissue [no reversion of polarity]
- measurement dependent, automated therapy indication
- control chart of the reading is available
- individual, user-controlled »creeping« of the therapeutic frequencies [especially for children and elderly people]
- manual frequency setting individually possible
- row setting of various, consecutively running therapy programmes possible
- Start alignment through support of the Alpha state for mild relaxation and improved therapeutic effects
- parallel use of master programmes possible
- parallel use of ultrasound acoustic possible, noise programme included

User-friendly indicator of the electrode equipment on the body of the patient, demonstrating acupuncture points.
Examples of uses from energetic healing vibration »planets«

Earth:  Platonic year, Tone: 172.06 Hertz = F, Colour: Red-violet,
Chakra:  Sahasrār [central point on the top of the head]
Effect:  encourages serenity and clarity of the mind, encourages cosmic unity at the highest level and has a mentally transfiguring effect [medical: antidepressive]

This sound is the 48th octave of the precession of the Earth’s axis, a gyration of the Earth’s axis. This precession of the vernal equinox is dependent on this, which shows the time of the great age. At the moment the precession is entering the «age of Aquarius». The tone is F at 172.06 Hz, the corresponding colour red-violet with the wavelength of around 400 nanometres. F is the tone of the spirit. In ancient China it was the keynote of music. The way in which the Chinese emphasised the spirit is clearly directly related to their choice of the concert pitch F, to which they attach great importance. According to Hindu and Tibetan tradition, this is the point of cosmic unity with God, the centre of divine inspiration and supramental intuition. If a tuning fork is held on this point at 172.06 Hz [roughly where the fontanelles converge on the top of the skull], it is activated in its own way. The point of the Du-Mai-Meridian also belongs to this. Meditation music, which is tuned to this tone, can be very beneficial to the spiritual path. It can lead us from the path of the physical and mental regions into the sphere of the spirit. The tone F is part of the crown chakra, the Sahasrār Chakra. This Chakra is the highest point or the upper end of the Kundalini Power. The corresponding colour is violet [a reddish violet]. This colour is also used in many ritual ceremonies, which encourage the serenity and clarity of the mind. For that reason red-violet and F complement each other perfectly, if you want to initiate therapeutic measures to open the highest Chakra and to reach absolute spiritualisation. The tone of the platonic year is the gate to spiritual heaven and the connection with Tao in its purest form.

Moon:  Synodic Month, Tone: 210.42 Hertz = Gis, Colour: Orange
Chakra:  Svadisthān, navel Chakra, 3rd coccygeal vertebrae
Effect:  Stimulates sexual energy, encourages erotic communication [medical: suitable for women to help regulate irregular periods, generally applicable for disorders in the gland and lymphatic system]

The word »Synode« means come together. The synodic month is the middle period between from new moon to new moon. During a new moon the sun and moon are in conjunction [same direction]. Our calendar month is derived from the synodic month. In the 29th octave the moon tone oscillates at 210.42 Hz, which is a G sharp, the corresponding colour is orange with a wavelength of approximately 650 nanometres. Due to their menstrual cycle women know much better than men how strongly sexual rhythms are related to the moon. However, it is not only human beings, many other species on earth have a sexual lift directed by the moon. The moon and sexuality are very closely linked.

People are more communicative and livelier when the sun and moon are in opposition during a full moon, than during a new moon. This is why great festivals are celebrated during a full moon in many cultures, such as Passover, the Holy Festival and Guru Purnima in India. Easter was also originally celebrated by Christians during a full moon, until the Council of Nicaea decreed in 325 BC that the Feast of the Resurrection should be celebrated during a waning moon. The moon tone as meditation music encourages general and especially sexual communication. During therapy the moon tone is used above all for disorders of the gland and lymphatic system and for menstrual disorders. There are a variety of energy points which can be treated with the moon tone. One particular example is the third coccygeal vertebrae [point 2 of the Du Mei Micro]. It corresponds with the second Chakra, the Svadisthān Chakra.
Applications and therapy possibilities

Doctors and non-medical practitioners
- efficient support during the discharge and cleansing of toxins, parasites, waste products, vaccines, medicinal residue, etc.
- alkaline wet compress therapy for deacidification and purification with lymph drainage and for skin diseases
- Cell regeneration in case of mitochondrial disorders through an increase in ATP metabolism [up to 500%], protein [up to 73%] and metabolism of membranes [up to 40%] according to the study of Ngok Cheng et.al. 1982
- Treatment according to the concepts of TCM element teaching, meridian systems and Chakras
- Treatment according to the organ systems, gland therapy
- Strengthening of the immune system with antibacterial and antiviral effects, activation of the T-lymphocytes and increase in the activity of fibroblasts
- Accelerated healing of wounds
- Joint, fracture and muscle therapy
- Pain and inflammation therapy, arthrosis and rheumatology, gout arthritis, blood flow regulation
- energetic treatment according to the planet system – Tropical year, platonic year [precession cycle], synodic and sideric Moon, etc.
- antidepressive relaxation and improvement of mood through transmitter synthesis
- acoustic master therapy programme or individual music therapy as a supplement running parallel
- Cellulite treatment, skin rejuvenation through connective tissue regeneration, beauty masks to treat wrinkles, muscle regeneration and growth, treatment of scars [see cosmetics]
- Muscle growth, treatment of sports injuries [see competitive sport/Rehabilitation]

Rehabilitation, physiotherapy and competitive sport
- Increase in strength through muscle growth as a result of micro energy stimulation
- manual massages with micro energy stimulation for muscle problems, regeneration and growth
- Optimisation of muscle tone
- Regeneration and deacidification compress [lactate reduction]

Cosmetic issues, well-being and figure shaping
Mind Body Harmony: mood, stress management
- mental relaxation – energy balance
- improvement of well-being and mood
- activation of Micro systems and Chakras
- energetic treatment according to the planet systems – tropical year, platonic year [precession cycle], synodic and sideric moon, etc.
- acoustic master therapy programme or individual music therapy as a parallel supplement

Medical cosmetics and body contouring
- Bio face lifting, smoothing of wrinkles, smoothing of scars
- Beauty masks with micro energy stimulation
- Cellulite treatment: alkaline, mud, algae, healing earth, and aroma compresses with micro energy stimulation
- alkali wet compress therapy for deacidification and purification with lymph drainage
- decomposition of triglycerides [stored fat deposits]
- care for problem skin [psoriasis, neurodermatitis, acne, eczema, and much more]
- skin rejuvenation through an improvement of cell synthesis
- strengthening of collagen tissue and increased fibroblastic activity
- increasing the regeneration of skin and tissue [e.g. following surgery]
- body lifting, breast lift, stomach and bottom shaping
- manual massages with micro energy stimulation for muscle problems, regeneration and growth
- strengthening of the immune system
- encouragement of mobilities

The VitalWave® systems represent one of the latest developments in the area of Micro Energy Therapy systems. All models are approved according to the German Medical Device Act (MPG) Class Ila. The manufacturer is certified by MedCert. Modifications and enhancements to the technical application programs are subject to change.

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