



Bioinformative Medicine
developed by Dr. rer. nat. W. Ludwig®

CEPES-Laser®

Basic Biophysical Principles Effect Principles Use and Application in Human Medicine*

Basic biophysical principles and effect principles

The CEPES-Laser® is one of the most ingenious developments of Dr. rer. nat. W. Ludwig®: highly effective, multifunctional, easy to operate, requires no maintenance!

Bioinformative Medicine, developed by Dr. rer. nat. W. Ludwig®, works on the basis of interaction quanta, so-called "biophotons". We know that communication in our body below the molecular level takes place with the aid of electromagnetic signals (i.e. "biophotons"). The "basic substance" functions as a "wireless information network" and controls each second through the exchange of biophotons at light speed over 100,000 vital functions of each individual cell (approx. 80 billion).

The "basic substance" is the central medium for controlling metabolism and detoxification processes. We emphasize:

Electromagnetic interactions transfer the information in our organism. They control cell communication or more precisely intra- and extracellular regulation and thus overall regulation of the organism.

AMS – Advanced Medical Systems GmbH

D-97941 TAUBERBISCHOFSSHEIM

Phone: ++49-(0)9341/92930-0

FAX: ++49-(0)9341/92930-99

E-MAIL: info@magnetotherapy.de //www.magnetotherapy.de

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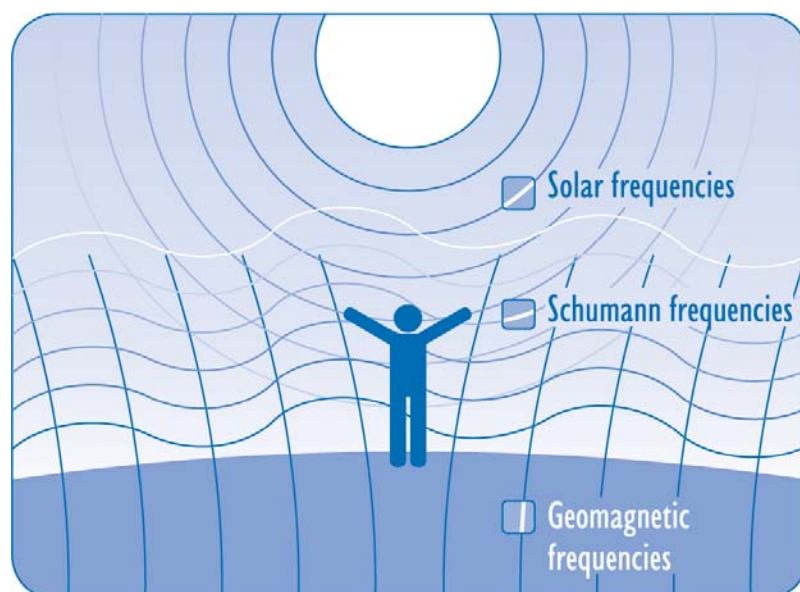
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Dr. rer. nat. W. Ludwig[®] put this biophysical finding to a practical application in the form of his Bioinformative Medicine.



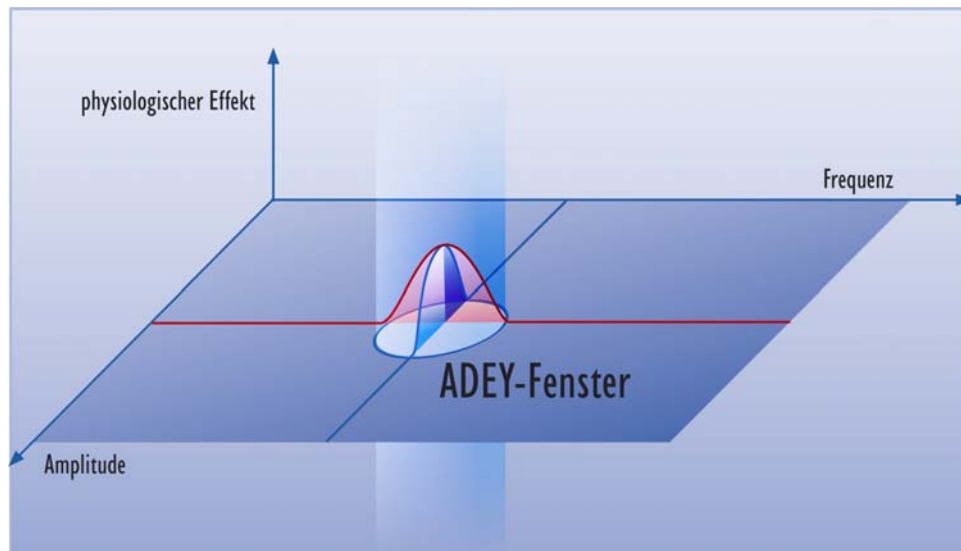
As long as 30 years ago Dr. Ludwig[®] developed medical-technical devices which stimulate not material structures, but rather the "biofield" of a person. Stimulation occurs through so-called biological resonance effects.

What is essential for biological resonance effects, however, is that this artificially generated electromagnetic field is mimicked true to undisturbed nature and in the correct ratio. (See here the "unique-position characteristics" of AMS devices – **"Three Biological Normals": Schumann-, geomagnetic- and solar-frequency spectra.**)



The three Biological Normals are essential to biological resonance! They are, in addition to the magnetic field strength, the pulse shape and the correct frequency/-ies, the quality characteristics crucial to the physiological effectiveness of a pulsating magnetic-field device.

Because the organism only "understands" signals which are with regard to magnetic field strength in the range of the physiological response threshold – in the so-called "ADEY window" or "biological window".



Only the magnetic-field devices developed by Dr. Ludwig[®] generate an electromagnetic signal which is modeled on nature. With regard to the time characteristic, it corresponds in signal shape to the pulse routing of our nervous system. These so-called "action potentials" are characterized by a rapid rise and a slow fall of the individual pulse.

The great effectiveness of the Bioinformative Medicine of Dr. Ludwig[®] is rooted in the fact that a therapist can work with his/her treatment concept on several information and therapy levels at the same time.

Only the Bioinformative Medicine developed by Dr. rer. nat. W. Ludwig® provides therapists with the opportunity to work with their treatment concepts on the levels of all four conductors of the organism at the same time:

- **Matter transport (molecules) in the blood circulation**
- **Charge transport (ions) in the analog direct-current system**
- **Light transport (energy) in the meridian system**
- **Soliton transport (information) in the digital nervous system**

The CEPES-Laser® brings about various synergistic effects!

Depending on the treatment concept, the following procedures can be combined with each other and optimized in Bioinformative Medicine:

Laser and magnetotherapy, exogenous and endogenous information therapy, bioresonance therapy, acupuncture, homeopathy, phytotherapy, expulsion therapy, autologous therapy, neural therapy and many more.

Taking the **CEPES-Laser®** as an example, the technical implementation of a combination of different tried-and-tested natural-remedy procedures can be very well explained. It is a very good example of a synergistic treatment concept. The **CEPES-Laser®** works simultaneously on the level of all four conductors (see above).

The combination of different pulsating electromagnetic fields (pulsating magnetic field in combination with color light / **COLOR-Punctur** or with red light / **CEPES-Laser®**) with simultaneous transmission of endogenous and exogenous information / substrates results in clear synergistic effects!

The **CEPES laser®** offers three forms of treatment, which can be realized simultaneously:

Red-light laser – pulsating magnetic field – substrate transient response

It specifically excites the organism's bioenergetic regulation processes on the cell level; it stimulates a person's biofield and is responsible for controlling growth and regeneration. It supports and activates the self-healing forces. For these reasons, the **CEPES-Laser®** achieves local and systemic effects and is therefore also extremely versatile.



Figure: **CEPES-Laser®** - a red-light soft magnetic field laser with plug-in attachment for an ampoule to transmit substrates

The **CEPES-Laser®** is a red-light soft laser (mean value 650 nm), which also has a pulsating magnetic field (9 Hz). It therefore has a very high penetration depth into the organism; the pulsating magnetic field permanently supports the laser effect!

The laser light can also be automatically pulsed with alternatively:
CW mode (= "continuous beam") or 1.2 Hz (= Nogier frequency)

The physiologically pulsating magnetic field frequency (9 Hz) can be used simultaneously as the means of transport and information carrier (= carrier wave) for exogenous and endogenous bioinformation (e.g. for homeopathic substances, drugs, nosodes, own blood, allergens, Bach flower remedies, spagyrica).

The **CEPES-Laser®** includes a plug-in attachment with hole for receiving glass ampoules, into which the corresponding bioinformation is introduced. The frequency spectra of substrates can be easily subjected to transient oscillation via the magnetic field as carrier wave.

The plug-in attachment also serves to broaden the beam of the laser light so that larger skin areas or wounds, hematomas etc. can be easily treated.

The **CEPES-Laser®** works on the organism's bioenergetic level. The laser beam pointed at acupuncture points is routed in the meridians (= light guide). A pulsating magnetic field with a physiological pulse frequency (9 Hz) has a penetration depth of 30 cm (important for scar treatment!). It permanently supports the laser effect through resonance stimulation of the biophoton field. An important fact: a high laser power output is not needed to reach the organism's response threshold! The **CEPES-Laser®** therefore only has a power output of approx. 0.5 mW. This is accompanied by a whole range of further advantages.

The CEPES-Laser®:

- is small and handy with low energy consumption
- does not need to be TÜV-tested (German Technical Inspection Agency)
- there is no negative influence of the substrates during transient oscillation (e.g. destruction of the homeopathic substance by a strong magnetic field or superimposition of the useful signals by electrosmog).

The CEPES-Laser®:

A truly multitalented device: local and systemic effects!

The **CEPES-Laser®** is a truly multitalented device which has achieved success most of all in the field of acupuncture. Children and older people in particular, who do not like needles much, appreciate the entirely painless and safe soft-laser application – for instance during acupuncture on the mouth, head, hands, ears and body, in neural therapy and treatment of interference fields, in the treatment of Head's zones, trigger points and chakras, in the treatment of scars and the resolution of emotional blockages. Last but not least in the treatment of wounds in dentistry and sports medicine, for acupuncture on the mouth, for tracing and treating (tooth) interference fields...

Thanks to its multifunctionality, the **CEPES-Laser®** offers an extremely wide range of applications and is therefore used worldwide by general practitioners, complementary and natural medical practitioners, acupuncturists and neural therapists, homeopaths, ENT specialists, dentists, dermatologists, veterinary surgeons using holistic veterinary medicine and natural healers, orthopedic specialists, physiotherapists and psychotherapists, right through to cosmetics.

The CEPES-Laser® in human medicine: Practical examples for use and application

The CEPES-Laser® in ear, nose and throat practice (ENT practice for short)

Dr. med. Ulrike Heller, Tübingen*

The number of patients suffering from chronic illnesses is constantly increasing. Often regulation blockages are the underlying cause, which is why conventional orthodox medical therapy does not always achieve successful results. Here primarily regulatory measures are to be preferred. In my ENT practice, therefore, the **CEPES-Laser®** is an important integral element of therapy for both chronic and acute illnesses. Through the combination of a red-light soft laser and a pulsating magnetic field it brings together in a single device various function and effect principles in the form of regulatory stimulation and thus has a wider range of application.

Every day I am impressed by the often rapid effect of the **CEPES-Laser®**.

Treatment takes just a few minutes, and is painless and virtually free from side effects. The therapeutic effect can be boosted by the additional use of, for example, homeopathic medication, patient's blood etc. in the laser's plug-in attachment.

I treat patients predominantly with the NOGIER frequency "U", which has an anti-phlogistic and activating effect. The acupuncture point, the scar etc. are exposed to the laser beam for roughly 15 seconds at one-second intervals, in the course of which the exposure process is briefly interrupted after every 1 second.

I use the **CEPES-Laser®** to treat the following symptoms:

- ▶ Rhinitis allergica saisonalis and perennialis
- ▶ Pharyngitis
- ▶ Laryngitis
- ▶ Functional voice disorders (dysphonia)
- ▶ Aphthosis
- ▶ Herpes simplex
- ▶ Tinnitus

I also use the **CEPES-Laser®** for:

- ▶ mouth acupuncture
- ▶ to trace tooth interference fields
- ▶ to treat scars
- ▶ and instead of acupuncture needles on children and older patients.

*From: Commemorative publication for Dr. rer. nat. W. Ludwig® to mark his 75th birthday: BIOINFORMATIVE MEDIZIN. Ein Lesebuch aus der Praxis für die Praxis. Tauberbischofsheim 2002

I would like to explain in more detail the treatment of some symptoms with the **CEPES-Laser®** in the following.

Allergic rhinitis

In the event of acute allergic symptoms I expose the following acupuncture points to the laser beam at an interval of a few days or one week:

Ear points: 55, 78, Thymus, Interferon, ACTH, possibly psychotropic points

Body points: Point de Merveille (between the eyebrows), Bl 1 +2, Di 4, Di

I also insert an ampoule of Allergie-Injektapas into the plug-in attachment, which boosts the effect of the laser (so-called homeosiniatry).

With some patients I have been able to observe even after one treatment almost a complete disappearance of the symptoms during the entire pollen-count period.

Pharyngitis with painful swallowing

I pass the **CEPES-Laser®** over the mucous membrane at the back of the throat and the tonsils or the scars after a tonsillectomy. The pain often eases off often after just a few minutes.

Treatment frequency: every day or every 2 days

Laryngitis and functional voice disorder

Body points: Ma 9, Ni 27, Lu 11, mucous membrane at the back of the throat, the tonsils or scars after a tonsillectomy.

Phosphorus (e.g. D 6) or procaine can also be introduced into the plug-in attachment. The voice improves sometimes immediately and stabilizes when the treatment is repeated at intervals of a few days up to one week.

Herpes simplex and aphthous ulcers

The blisters are treated with the laser at intervals of 1 to 2 days for roughly 15 seconds (possibly with procaine in the plug-in attachment of the **CEPES-Laser®**).

Hearing loss and tinnitus

Ear points: e.g. 55, sensitive line, inner ear point, Jerome, reagible points in the region of the cervical spine (above all C/C7), thoracic spine etc., psychotropic points

Body points: Gb 20, 3E 21, LG 20, Dü 3

The effect may be improved with Lymphomyosot in the plug-in attachment.

Facial pain in event of a questionable tooth interference field

The questionable tooth is treated in the root area with the NOGIER frequency "U" for roughly 15 seconds.

If a tooth interference field exists, the facial pain improves for up to several days. In the event of a positive test the dentist could always identify an infected tooth.

The list of treatment options with the **CEPES-Laser**[®] goes on. It is indispensable to my natural healing therapy, because regulative, regenerative and pain-relieving effects can be achieved with it.

It is – for the benefit of patients – very welcome that therapy with the **CEPES-Laser**[®] has so many supporters.

The CEPES-Laser[®] for treating interference fields

Dr. med. Ulrike Heller, ENT natural healing practitioner, Tübingen*

Chronic illnesses in patients can frequently be put down to regulation blockages caused by interference fields, for example, in the tooth, tonsil and nasal sinus regions. Above all scars often constitute an interference field. These can trigger off complaints among others in the regions of the spinal column, the joints, the head or the digestive organs. Unfortunately these interference fields are not taken into consideration in orthodox medical diagnosis and treatment.

The **CEPES-Laser**[®] can be helpful in locating interference fields. It differs from the red-light soft laser by way of an additionally pulsating magnetic field and therefore brings together in a single device various function and effect principles. It therefore has a wider range of application. The **CEPES-Laser**[®] does not need to be placed directly on the region to be treated during therapy. It also works from a distance of several centimeters and is therefore suitable for treating tooth interference fields. Treatment does not take long, and is painless and practically free from side effects. The therapeutic effect can be boosted by the additional use of, for example, homeopathic medication (jaw osteitis nosode in the case of tooth interference fields) in the laser's plug-in attachment. As a rule I treat patients with the Nogier frequency "U", which has an antiphlogistic and activating effect. The acupuncture point, the scar etc. are exposed to the laser beam for roughly 15 – 30 seconds at one-second intervals, in the course of which the exposure process is briefly interrupted after every 1 second.

I would like to describe some successful interference field treatment with the **CEPES-Laser**[®] from my ENT practice.

Patient 1

Mr S. (22) had been complaining for over 2 years of pain on the left side of his face which spread to the left eye and obstructed breathing through the nose. A nasal sinus operation with correction of the septum failed to improve the problem. Shortly before the problem first became apparent all 4 wisdom teeth had been removed, which proved very difficult above all in the left jaw area. Laser acupuncture was carried out in the region of the extraction scars in the left upper and lower jaw region with the Nogier frequency for roughly 30 seconds in each case. Afterwards the patient's symptoms disappeared completely. His condition began to improve already shortly after the laser acupuncture. The problems had probably been triggered off by the extraction scars.

Patient 2

Ms R. (27) had been suffering for several years from obstructed breathing through the left nostril, recidive therapy-resistant inflammation of the left eye

and pain in the left shoulder. Also recidive inflammation of the left nostril had come about. Before the problems had become apparent all 4 wisdom teeth had been removed. The teeth 2/3 and 3/3 had been root-treated. Following laser acupuncture in the region of the root-treated tooth no improvement was observed. Only after laser acupuncture had been performed on all 4 extraction scars of the wisdom teeth did the shoulder and eye problems on the left side disappear for good, and breathing through the nose was rectified. The extraction scars as an interference field were the underlying cause in this case too.

Patient 3

Ms A. (75) had been complaining of chronic pain in the right shoulder, inflammation of the right eye and muscle tenseness in the right neck region. Earlier she had had an abscess on tooth 2/1. After extraction it was root-treated. Tooth 3/1 was likewise root-treated. After laser acupuncture of the root region of teeth 2/1 and 3/1 the complaints disappeared the very same day. She was again able to move her right shoulder freely. An inflammation process in the tooth root region had probably been responsible for the complaints here.

Patient 4

Mr M. (41) had been complaining for 6 weeks of humming in his right ear and for longer of pain in his right shoulder. When his spinal column was examined a clear case of myogelosis was detected in the right paravertebral area in the upper thoracic spine region. In addition to ear acupuncture with the laser the myogelosis in the thoracic spine region was treated with the laser for approximately 1 minute. The humming in the ear and the pain in the shoulder disappeared the very same day. Needle acupuncture which had been carried out previously by a colleague had proven unsuccessful. The interference field could have been the myogelosis in the thoracic spine region.

Allergy treatment

The CEPES-Laser[®] in combination with the *MEDISEND[®]super*

A patient had suffered for many years from a tree pollen allergy accompanied by acute rhinitis and conjunctivitis allergica as well as asthma and a high temperature. The symptoms could only be alleviated with cortisol taken orally and an asthma spray containing cortisone. A course of hyposensitization had to be stopped because of the side effects.

When the tree pollen count started I implemented the following therapy:

Weekly 10-minute treatment with the *MEDISEND[®]super*, where 1 droplet each of patient's blood, saliva and nasal secretion as well as tree pollen and rainwater were included in the *MEDICUP* / input cup and modulated to the therapy signal. The *MEDISEND[®]super* was set to the automatic frequency sweep (1000 Hz – 1 Hz).



Fig.: **MEDISEND®super** with magneto-loop and MEDICUP – magnetotherapy and bioresonance therapy in one system

Then laser acupuncture was performed with the **CEPES-Laser®** and an ampoule of Allergie-Injektapas in the plug-in attachment. The ear points 55, 78, Thymus Interferon, eye, sensitive line and Gb 20 bds., Bl 1 + 2, Di 20, Pam 3 and Di 4 were treated.

Already after the first session the patient's symptoms had virtually completely disappeared – even when she came into direct contact with tree pollen.

The use of CEPES-Laser® and MEDICUR® in top-class sport / national rowing team

Carolin Seidel, sports physiotherapist, Saarbrücken-Dudweiler

... I am pleased to have this opportunity to describe my experiences of using the **CEPES-Laser®** and **MEDICUR®** device in treating the German national rowing team.

I have been treating this team for 2 years, but the training camp in spring 2009 in Sabbaudia (Italy) was from a therapeutic point of view a unique challenge for me.

As a result of newly designed and more intensive training units and methods the rowers, in addition to suffering from spinal column pains, complained primarily of overstraining of the muscles and tendons.

In addition to physical therapy with electrotherapy and ultrasound, in particular methods to promote self-healing and self-regulation processes were taken.

As a result of the extensive and intensive training measures the rowers exhibited overstrained muscles and functional disorders – particularly in the form of epicondylitis lateralis and medialis humeri, carpal tunnel symptoms, thoracic outlet, cervical spine and shoulder/arm pains and blockages of the iliosacral joint with myogeloses and active trigger points.

In this connection the **CEPES-Laser®** was used to improve the promotion of regeneration in combination with acupuncture and trigger point treatments.

The absolutely painless and effective laser treatment proved hugely popular both with the therapists and with the athletes and through the combination of red light and magnetic field supported regeneration and promoted the establishing of a muscular balance.

Already after a few detoning measures with the laser the athletes reported a pleasantly reduced muscle tone and reduced pain symptoms.

As a result of the positive response which I can give you from working with the **CEPES-Laser®** and **MEDICUR®** device, I would like to thank you for the opportunity to be able to continue using with success this effective therapy measure in my career as a sports physiotherapist...



Fig.: **MEDICUR**[®] with ampoule holder

In July 2009 I will be treating the team during the Rowing World Cup in Lucerne and looking after the 3-week preparation training camp in Ratzeburg ahead of the World Championships in Poznan (Poland). Here too I will be making intensive use of the two devices and, like the previous times, I am sure I will do so with great success...

Below my treatment concept in top-class sport / national rowing team

Because the regeneration times for the athletes were very short and there were many situations involving overstraining, during the sports massage sessions I regularly placed the **MEDICUR**[®] device with the 7.8 frequency (red) on the areas subject to particular strain and thereby achieved at the same time a compensating effect. From a handling point of view this could be used very effectively on top of massage and was therefore not time-consuming or labor-intensive.

The laser could also be used very effectively to save time. With application times of around 30 seconds for each point, an extremely effective form of acupuncture and trigger point treatment is achieved.

E.g. for shoulder pains resulting from overstraining:

Colon 15	Relaxes tendons and ligaments, relieves pain
Colon 11	Main point for forearm muscle problems, epicondylitis humeri radialis, pains in the upper extremity
Colon 4	Main point against pain
Small intestine 3	Muscle tenseness and restricted movement

	of the neck and the shoulder region
Small intest. 11	Pain in the shoulder and shoulder blade region and above all for outer rotation disorders. Trigger point in the M. infraspinatus
3E5	Relieves pain in the region of the upper extremity
Gall bladder 20	Cervicobrachial syndrome, tenseness of the neck muscles
Gall bladder 21	Trigger point of the shoulder region, for myogeloses in the shoulder region
Gall bladder 34	Master point of the tendons
MP 9	Remote point for shoulder pains
Stomach 38	Remote point for acute pain and abduction disorders in the shoulder joint

To intensify the effect at the acupuncture points, it is also possible to use the ampoule compartment. It is recommended to use a Traumeel ampoule for all acute processes. Zeel with the active substance Rhus Toxidendron is appropriate for all tendon and muscle affections. Petadolex is ideally suitable for relaxations. The meridian complex can be used as a booster depending on the acupuncture point.

It was also important to improve the immune system or to block the beginnings of infections and to strengthen the body in general.

Colon 4	For all coughs and sneezes
Stomach 36	Immunostimulant, Qi toning for all weak conditions, psychically compensating effect
MP 6	Toning point for reconvalescence
LG4	LifeGate, strengthens Yang, relaxes tendons & ligaments
KG 6	For psychic and physical states of exhaustion
BI 23	Main point for strengthening life force, muscle tenseness in the lumbar spine region

These application examples naturally do not lay claim to absolute completeness; but I have succeeded through these measures in relieving and eliminating pain in the athletes.

Naturally I will be trying out other possible uses and new therapy concepts and will inform you of the results.

Carolin Seidel
 Sports Physiotherapist
 Im Allment 14
 D-66125 Saarbrücken-Dudweiler

The CEPES-Laser[®] in combination with the MEDISEND[®] super - a significant enrichment for holistic testing and therapy.

Dr. med. Klaus-Dieter Preis

... Since neural-therapeutic thinking has for many years taught me to view illness as a regulative problem which affects a person in his/her mental-physical-spiritual entirety, it was above all two bioinformative diagnostic or therapeutic methods which brought about a significant enrichment of my medical practice. These were, firstly, the kinesiological muscle test and, secondly, magnetotherapy with the aid of the **MEDISEND[®]super** therapy device and the **CEPES-Laser[®]** from Dr. Ludwig[®].

The kinesiological muscle test, as I learned in its most effective form from Dr. von Hoff, Hamburg, brought about a massive acceleration in the diagnosis of therapy blockages and interference fields. Interference fields, "a pathologically damaged tissue which, as a result of an excessively strong or excessively long stimulus or of the sum total of stimuli which cannot be reduced, is in a state of unphysiological constant excitation" (3), must be included in the understanding of every illness where a natural cause of that illness is not apparent or a complaint persists for an inexplicable length of time. In many cases the neural-therapeutic injection of procain into the located interference field is the most effective treatment in order to strengthen the body's self-healing powers and thereby not seldom to allow the complaints to wear off as a second phenomenon. However, this procedure is not possible with every patient or is increasingly being ruled out because of the painfulness of the injection. Alternatives are required particularly for children, for patients whose interference fields are in the tooth/jaw region and for all those who are afraid of treatment with syringes. In this respect, the therapy devices developed by Dr. LUDWIG, the **MEDISEND[®]super** and the **CEPES-Laser[®]** have proven to be very useful in my work.

Six case examples

Case 1:

A 39-year-old woman complained of pains in her left hip stretching down to the outside of her left foot, as a result of which her leg would become numb when she stood for any length of time. Orthopedic opinion hinted at an L5 root syndrome on the left side.

The kinesiological test identified a strain on the part of crowned molars in the left upper and lower jaws. After the Sanum medication Arthrokehl A, Mukokehl, Pefrakehl and Pulpa dentis D30 were tested, a course of treatment was conducted with the **MEDISEND[®]super**, where the medication was introduced into the input cup / **MEDICUP**.

The treatment was conducted once a day; the patient was treated with the loop over the left jaw region. The automatic frequency sweep with the intensity "10" and "1000 Hz – 1 Hz" were selected for the frequency and the frequency range respectively. After this measure the patient's complaints disappeared almost completely.

Case 2:

A 29-year-old mother of a two-year-old daughter had already undergone curettage (scrape) before the birth and one after the birth of her daughter. There was also a menstruation disorder. The kinesiological test identified an interference field in the region of the right lower jaw (4 / 1). The dentist identified a cyst and curettage was performed. After the test furthermore revealed a weakening of the tooth, the patient was subjected to magnetotherapy and the tooth was stabilized. A stable pregnancy followed.

Treatment with the **MEDISEND[®]super** proves to be very helpful on all those patients who, following dental treatment, and particularly after the removal of amalgam fillings, complain of pain or sensitiveness in the region of the teeth or jaw. After five to ten treatments with the **MEDISEND[®]super**, as a rule with appropriately tested Sanum preparations, for Pulpitis dentis nosode D30, a significant improvement in the condition can usually be achieved.

The significance of the teeth to the course and development of illnesses is greatly underestimated both in orthodox medicine and certainly also by a not inconsiderable number of natural-healing therapists. According to experienced neural-therapy practitioners around 70 to 80 % of interference fields are situated in the region of the mouth-nose-throat and the nasal sinuses (4). The kinesiological tests bear out the paramount importance in particular of the tooth/jaw region (see also 5). This also applies in my experience to many illnesses in childhood and adolescence. When the interference field character of many illnesses is understood, therapy with the **CEPES-Laser[®]** offers an outstanding opportunity to bring regulative influence to bear on their course and development.

Painful conditions in the region of the joints or the skeletal system must in the case of children always be connected with the tooth/jaw region.

This can be illustrated by **case example 3:**

A 13-year-old boy was complaining of pains in his left knee after strenuous activity such as playing football or climbing stairs. The surgeon in question identified a conspicuous loosening up at the epiphysis of the tibial head as defined by Osgood Schlatter disease and advised that the boy refrain from playing sports. The kinesiological test revealed a disruptive wisdom tooth that had not yet come through in the left lower jaw as the problem. Treating the patient with the **CEPES-Laser[®]** and rubbing a Sanum preparation of the tooth region eliminated the knee pains.

Even skin diseases, particularly in the area of the face, must be reason enough in children to consider a tooth as being the problem.

Case 4:

An 8-year-old child developed an area of eczema roughly 2 cm x 6 cm in the area of the central thoracic spine. The kinesiological test revealed an incisor coming through in the left upper jaw as the interference field. Daily treatment of this tooth with the **CEPES-Laser[®]** of 1 to 2 minutes cleared up this skin condition.

Case 5:

A 15-month-old child developed neurodermatitis in the facial area. The kinesi-ological test revealed a blockage by glutens and an interference field strain by the teeth coming through in the upper and lower jaw region. Magnetic-field treatment with the **MEDISEND®super** of the solar plexus with Gliadin D6 / D12 / D30 and simultaneous lasering of the tooth/jaw region with the introduction of a homeopathic agent significantly reduced the skin inflammation over the course of a week.

Even scars, in particular on the navel in children, can manifest as an interference field.

Case 6:

A 2-year-old girl developed an area of eczema the size of a large coin around her entire navel. Daily treatment with the **CEPES-Laser®** significantly reduced the size of the rash already after one week!

In the case of many acute illnesses the **CEPES-Laser®** can be used every day especially on children and youths, but also on adults in accordance with both neural-therapeutic and auriculomedicine considerations.

Lasering teeth coming through is one of the everyday therapy processes I use in my general medical practice to treat various complaints. Insomnia, one-sided conjunctivitis and headaches are reason enough to conduct therapy in the assigned tooth/jaw region.

In the case of maxillary sinus complaints lasering the nerve outlet points and the ganglion sphenopalatinum on the painful side proves to be very helpful; blocked noses can thus be cleared in a matter of a few seconds.

It is also very helpful to treat the associate ear acupuncture points with the **CEPES-Laser®**; here too immediate effects, for instance in the case of sore throats, can very often be achieved.

All these examples show clearly

...the extent to which the use of bioinformative test and therapy methods makes newly accessible symptoms which previously would only have been inadequately resolved with mechanistic ways of thinking. These methods presuppose however that the symptom-orientated way of thinking is superseded by a more complex one.

Bioinformative test and therapy methods in my opinion make a significant contribution to widening our understanding of illness and health. Precisely because, on top of the pleasure of having arrived at a seemingly inaccessible complaint through an unusual procedure, they arouse time and again amazement in oneself and also sometimes in the patients at the complexity and regulation capability of human beings, we protect ourselves against overestimating our own abilities...

Extracts from an interview with Martina SEIDEL, non-medical practitioner, Ettlingen, on the following subjects:

Use of small devices for supportive home treatment and scar treatment using the CEPES-Laser®

Reporter: "Ms Seidel, you have been working for some years now with all kinds of small and large devices from Dr. Ludwig® in your natural healing practice and are very pleased with the results. You are one of those people who have intensively studied Traditional Chinese Medicine / TCM actually "at source" - in the Middle Kingdom. For years you have combined with great success TCM with Bioinformative Medicine from Dr. Ludwig®. Working with the **CEPES-Laser®** is part of your day-to-day "business" in your practice or during home visits. How do you approach the subject of "scar treatment"? How do you combine TCM with a soft laser? And: do you also use the **CEPES-Laser®** in the field of wellness, of beauty culture, of simply feeling better and happy?"

Ms Seidel: "First of all may I say that I have been using the different small devices, the **CEPES-Laser®** and the **MEDISEND®super**, with great success in my practice. This is because the bioenergy devices from Dr. Ludwig® and TCM can be ingeniously combined with one another. Liver, gall bladder and pancreas play an important role in metabolism. However, according to TCM, these organs are also of central importance in the field of energy.

... the bioenergy devices from Dr. Ludwig® and TCM can be ingeniously combine with one another.

Time and again I am pleased to let my patients take home with them the small devices - **MEDISEND®**, **MEDICUR®**, **METRONOM solar** or the **MEDICUR® color** - for supportive treatment. The "Ludwig devices" play a central role within the framework of my holistic treatment concept. Naturally the choice of small device is dependent on the symptom and thus on the aim of what is to be achieved with "supportive home treatment". I can, on the basis of many years of diverse experience in the field of practical therapy, say that such "supportive home treatments" have proven their worth very well within the framework of a holistic therapy concept.

... with the MEDISEND® super and the CEPES-Laser® I always carry so to speak my "mobile practice" with me!

I always carry so to speak my "mobile practice" with me in a small case. Depending on the situation, I can carry out basic energy therapy and/or general defense therapy (e.g. very popular with my patients in old people's homes and highly effective).

Or I can use a specific frequency program referred to a particular indication - for example treatment of arthrosis or fungal skin infections - directly during my home visit. Furthermore, the various possibilities of signal transmission enable me to carry out differentiated therapy "on site" without any problems. I am thinking here only of the simple signal transmission of (auto-) nosodes with the

aid of the medication cup / **MEDISEND® super** or the *soft laser* with the plug-in attachment for an ampoule.

My home visits are focused mainly on older patients. Many of these older patients would refuse out of hand to be treated with needles. This is not a problem with the **CEPES-Laser®!**

For example, organ disorders can be energy-treated very well with the **CEPES-Laser®** in combination with the corresponding meridian complexes in the plug-in attachment. Energy disorders of the acupuncture points can – particularly in older patients – be harmonized without worry.

Firstly cell regulation is improved and the patient's self-healing powers as a whole are stimulated. In this way, *secondly*, the recovery process is decisively sped up. And *thirdly*, particularly in the case of symptoms whose causes are to be sought after in disrupted regulation behavior, the small devices work genuine miracles in the sense of "harmonization". The patients feel this holistic treatment approach on the inside. They feel better, more relaxed or more energized, simply more vital.

Reporter: Do you use one of your small devices - the **MEDISEND®** for instance – on yourself too?



Fig.: **MEDISEND®** with and without ampoule holder

Ms Seidel: But of course! This is how I happened upon the "Ludwig devices" in the first place. I have successively used one after the other on myself and tested from all kinds of standpoints. I myself have to be entirely convinced about something. Anyone who tests is familiar with the situation where one "can't be on the ball" every day. Or: anyone who tests for an entire day knows how washed out one feels by the evening. In such situations the **MEDISEND®** or the **METRO-NOM solar** provides me with invaluable service! I always say: those who test use up and need plenty of energy themselves!"

Reporter: "With the term "Energy" you are providing the key word on the subject:

“Scar treatment”

You use the **CEPES-Laser**[®] for scar treatment. How do you proceed with this treatment?”

Ms Seidel: “It’s quite simple, really. In treating scars I want to bring about two things. Firstly, to get the flow of energy going. And secondly – if necessary – to “soften up” the scar. Because I always follow a holistic therapy concept, “scar treatment” has an “inner” and an “outer”! This also applies incidentally to the subject of “skin and wrinkles”.

In short, I proceed as follows:

1. I put procain in the ampoule of the **CEPES-Laser**[®] to get the flow of energy going to treat the scar. It is important to bear in mind here that there are different ways of “wearing down” and hence treating the scar. Depending on the scar (location, size, depth), I pass over the scar straight in the direction it runs or in a rhombus shape.
2. In a second treatment step I use the **MEDISEND**[®] *super*. I select the frequency program for “scar treatment” which in my opinion has proven very successful. I also place in the medication cup / **MEDICUP** the appropriate meridian complex(es) (from Dr. Kern) as well as calcium fluoratum and procain.
3. For home treatment I add calcium fluoratum (= biochemically no. 1 according to Dr. SCHÜSSLER) and externally calcium fluoratum ointment for softening the skin. Fruit acids incidentally have a softening effect (e.g. papaya, mango, sugar beet syrup).
4. Then, for further home treatment I recommend APM cream following Willy Penzel.

Reporter: “With the words “Inner” and “Outer” you have provided the key word: do you use the **CEPES-Laser**[®] for cosmetic applications too?”

Ms Seidel: “Naturally! The “traces of time” on the face can be treated at minimal cost and extremely effectively with the **CEPES-Laser**[®]!

For me, both a professionally run cosmetic practice and the private home beauty care must be integrated into a holistic health concept.

This holistic health concept must start out from the “inner conditions and prerequisites” for “beauty” and “being beautiful”.

...”

**“From a seemingly perfect appearance with a sick core
to a healthy core with a perfect appearance”.**

In particular women more and more understand “beauty and being beautiful” to be a holistic - and therefore healthy - process of body, mind and spirit. They associate with “beauty and being beautiful” for instance:

- wanting to feel good
- wanting to have more energy
- wanting to give off and radiate something
- wanting to be different
- wanting to be unique
- attaining beauty and wanting to be beautiful without side effects
- giving their own nature a helping hand with natural products

Reporter: And what does all this have to do with the **CEPES-Laser®**?

Ms Seidel: Quite simple! With the **CEPES-Laser®** I have at my disposal a device which allows me to implement in the safest way a holistic health and with it beauty concept. With the **CEPES-Laser®** I can synergistically combine different forms of therapy with each other. I can therefore warmly recommend the **CEPES-Laser®** as such and *ridopuncture* with the **CEPES-Laser®** in particular!

Reporter: "Does your recommendation also apply to private individuals or do you need professional training for this?"

Ms Seidel: "It goes without saying that my recommendation also applies to private individuals! Anyone who has a little understanding of natural healing methods can carry out this *ridopuncture* on themselves."

....

Ridopuncture with the CEPES-Laser®

Interview with Martina Seidel, non-medical practitioner, Ettlingen

Reporter: The desire for eternal youth and the search for the fountain of youth are as old as mankind itself and this area has been researched throughout the ages and in all cultures. No more so than today, where we are confronted day in and day out by the buzz words of fitness, wellness and anti-aging... What opportunities exist for treating the "traces of time" on the face?

Ms Seidel: Advertising in magazines, on TV etc. tries to encourage us with expensive creams and more and more new active substances to buy these "wonder creams". Where previously there were ingredients such as collagen, elastin and hyaluronic acid, here too research has not stood still. More and more new active substances are added to the creams: vitamins, especially C (supporting the buildup of collagen), vitamin E as radical trapping agent, vitamin A as skin vitamin, fruit acids for surface improvement, phytoestrogens such as soya, ginseng, shiitake and Q 10 and many more.

There are *cosmetic treatments* with the above-mentioned creams, ampoules, iontophoresis, modelage, Chi facial massage or tsubo point massage (e.g. by the Shiseido company), stimulation with electricity.

Anti-wrinkle injections are carried out with collagen, hyaluronic acid, one's own fat, etc.

And finally the riskiest option: *plastic surgery*.

Reporter: What advantages does the **CEPES-Laser®** offer over the treatments mentioned above?

Ms Seidel: The *prices of these creams* often range between 45 € and 125 €. According to the cosmetic advertising, you also need a special eye cream and for strengthening active-substance ampoules. In no time at all you have spent several hundred euros only on external treatment methods.

Cosmetic treatments, which are carried out for the most part only once a month, can likewise be priced at around 80 to 100 € and only deliver short-term success, since the treatment intervals are too long. This method is also time-intensive. And the last two treatment methods mentioned – *anti-wrinkle injections and plastic surgery* – are very cost-intensive and also very risky.

In comparison, we have with the CEPES-Laser® a device at our disposal which combines virtually all the therapies mentioned above!

The **CEPES-Laser®** is able to stabilize the cell membrane. In other words, cell metabolism is stimulated, bioactive substances which promote the healing process are released, and under the effect of the laser there is an increase in protein synthesis and in collagen. Neovascularization is stimulated, the skin is supplied with more blood, fibrous tissue is reduced, and regeneration capability is stimulated. *A very important aspect which distinguishes the CEPES-Laser® from other conventional lasers is the magnetic field as the means of transport and the plug-in attachment for ampoules. With this technology we can actually reach the cells and transport active substances or their information directly to/into the cells. Expensive creams on the other hand only work on the surface. Or we need liposomes as transport molecules or iontophoresis to deliver the active substances.*

The CEPES-Laser® is suitable for use and treatment by both professionals and laypersons at home ...

When using the laser at home, it is an advantage to conduct the applications on a daily basis, so as not to be tied down by fixed appointments and to save costs. The duration of treatment is very short compared with conventional methods, it can be applied every day and the active substances can be used again and again, this again being reflected in great cost savings. It is in addition an entirely risk-free and painless treatment method.

Reporter: How is ridopuncture carried out?

Ms Seidel: To be able to understand the treatment process, we must first understand how wrinkles come about.

TCM (Traditional Chinese Medicine) has a quite simple explanation: the face is not an isolated region, but part of the whole organism! That is why some renowned natural healing practitioners take a person's pathophysiology as indication of organ weaknesses (e.g. in the book by Natale Ferronato). These energy deficits of the meridians can be reflected on the face in the form of wrinkles, furrows, loss of elasticity, and more; facial-expression wrinkles are naturally not included.

... energy deficits of the meridians can be reflected on the face in the form of wrinkles, furrows, loss of elasticity, and more

Other manifestations are the loss of elasticity and the deterioration of elastic force due to hypertrophy of the muscles, reduced blood circulation and worsening water-storing capacity of the skin.

And let's not forget all the environmental influences which we are exposed to. In particular, excessive exposure to sunlight and free radicals speed up the aging process of the skin.

To be able to perform acupuncture successfully, we must first carry out a kind of *daily energy training for the meridians (conductors)* with the **CEPES-Laser®**.

To avoid the development of wrinkles, it is important to stimulate regularly the corresponding facial points or body points so as to avoid a loss of elasticity.

The acupuncture points are stimulated on both sides. They are stimulated for a period of 25-30 seconds.

To *locate the acupuncture points* I recommend the relevant literature with the corresponding diagrams (1).

Tried-and-tested facial points for treatment are:

Stomach 1,2,3,4,5,6

Bladder 1,2

Colon 20

Gall bladder 1,2

Small intestine 18,19

3E21,23

Du 20

Special point Taiyang,

Body points:

Points of the lung and colon meridian due to the connection with the skin

If wrinkles are already present, these are treated with the **CEPES-Laser®** for approximately 25-30 seconds for each point. Longer treatment can have a blocking effect. This procedure also applies to facial-expression wrinkles.

Supporting active substances for use in ampoules:

As already mentioned, the **CEPES-Laser®** has a plug-in attachment for an ampoule and a magnetic field as the means of transport to the cell. We use the means of transport: acupuncture point – meridian – organ / organ combination. In addition to stimulating the acupuncture points, we can achieve an even greater effect by adding appropriate substances.

Possible additives are:

Further treatment options which can be conducted very well with the CEPES-Laser®:

- All *cosmetic ampoules and creams*
- *Individual active substances* such as aloe vera, Q10, vitamins C,A,E, green tea, urea, etc.
- *Minerals* such as biotin, silicic acid (from the range of Schuessler salts I use Silicea D12), which strengthen the connective tissue
- *Meridian agents* from Dr. Kern in order to stimulate the corresponding meridian points even further
- *Flower remedies from Dr. Bach*, e.g. Mimulus for sensitive skin, Holly for overreaction, Star of Bethlehem for wrinkles, spots and injuries, Agrimony for facial-expression wrinkles, Crab Apple for skin impurities or Rescue Remedy as the universal agent for emergencies
- Distilled oils, e.g. Geranium, Lavender, Tea Tree, Rose, Cistrose, etc.
- Powdered stones and crystals are also possible, such as e.g. amethyst, amber, rock crystal, aventurine, aquamarine
- In the event of serious skin problems it is also possible to make an *autonosode* from the contents of a spot and place it for information purposes in the ampoule slot. Dandruff and nails contaminated with fungal infections can also be turned into autosodes and thereby bring about a re-tuning of the body.
- Scar treatment:

Each scar is a blockage in the energy circuit. The CEPES-Laser® can be used to treat the scar and improve conductivity. Procain is placed in the ampoule / plug-in attachment; Rescue Remedy, Staphysagria or a meridian agent in accordance with the meridians are also suitable.

In keloid treatment, of the Schuessler salts calcium fluoratum for softening or the fruit acids of mango and papaya have proven successful.

- Treatment of herpes with an additive of Lavender, Tea Tree, Thyme, Melissa oil or Echinacea preparation
- Wart treatment with additive of Greater Celandine juice or Thuja tincture
- Burns (e.g. sunburn) fed with aloe vera, lavender oil, St John's wort extract oil

Reporter: What can the **CEPES-Laser®** achieve in addition to rido-puncture?

Ms Seidel: The key words "holistic treatment" are the objective of natural healing. We want therefore to treat not just part of the person, but the whole person.

And, when we carry out ridopuncture on for example the face, this is how we achieve an overall effect on the entire organism.

When, for example, we carry out acupuncture on the stomach points of the face on a regular basis, we cannot separate these from the stomach organ. Stomach energy is automatically boosted, possible stomach problems are eliminated and the energy level is stimulated. Acupuncture of colon 20 can treat possible nasal sinus problems, blockages or allergies. The gall bladder and bladder meridians are boosted and the energy of the triple heater and small intestine is raised, among others.

For this reason I can highly recommend - even from colleague to colleague - regular use of the CEPES-Laser®! Because with the CEPES-Laser® we are not just pursuing the goal of a purely cosmetic treatment; we are also additionally achieving a synergistic effect on the whole body. Attaining beauty and attaining health are thus optimally combined and guaranteed! And all this at a very, very economical price! What more do you want?

Additional therapy measures in practice can be:

Treatment with the **MEDISEND® super**:

- a. *Strengthening the energy-weak meridians* with appropriate "frequency programs", e.g. stomach, bladder or gall bladder.
Corresponding substances are placed in the input cup (e.g. meridian complexes from Dr. Kern)
- b. *Facial toning program* (according to the frequency list of A. IRSIGLER / AMS GmbH) and *Silicea and meridian complexes* in the medication cup / *MEDICUP* - possibly also cosmetic ampoule
- c. *Lung / Colon program* due to the connection with the skin with appropriate meridian agents.

Reporter: What are your experiences of color-light laser devices such as MEDICUR® color, COLOR-Punctur and COLOR-Light?

Ms Seidel: I use the **MEDICUR® color**. Ideally I would like the COLOR-Punctur and the COLOR-Light – to complement my **MEDISEND® super**.

- Green for regenerating the skin
- Orange for wrinkles
- Red for circulation
- Yellow stimulates the lymph
- Blue to counter inflammations, couperose, hectic blotches
- Violet as the color of detoxification / cleansing / purification

Extend your practice range – light and color create synergistic effects!

Ask for the new

COLOR-Light – more than just a simple light shower!



Fig.: **COLOR-Light** with stand

COLOR-Light

216 high-quality cold-light diodes generate incoherent color light between approximately 400 nm and 750 nm. They comprise 72 red, 72 green and 72 blue cold-light diodes, with which over 1000 different colors can be generated.

The **COLOR-Light** can be operated on its own ("stand-alone version" = color floodlight and control box) or in combination with an AMS practice device.

The **COLOR-Light** / AMS practice device combination guarantees synergistic effects through networking with other tried-and-tested natural healing procedures!



Fig.: Control box for adjusting the color and the intensity of the light

The guarantee of differentiated treatment of parts of the body and of the whole body:

Prophylaxis – Regeneration – Wellness - Therapy

Extend your practice range – light and color create synergistic effects!



Fig.: **MEDISEND®** with and without ampoule holder



Figure: **CEPES-Laser®** - a red-light soft magnetic field laser with plug-in attachment for an ampoule to transmit substrates



Fig.: **MEDISEND®super** with magneto-loop and MEDICUP – magnetotherapy and bioresonance therapy in one system.