

March, 2021

information brochure


gisunt[®]
Klinik
für integrative Medizin

**International
Hyperthermia centre**

healthy with gisunt[®]

Health from a single source

cordial welcome!

Contents	page
Which patients do we treat	3
our competencies	4-5
sCMT	6
Heatheal®	7
WBH	8
RHT	9
LITT / TUT / IPHT / IVHT /	10
The environment	11
Our philosophy	12
Doctors and areas of expertise	13
Business information	14

Dear patient, dear colleagues and therapists,

you, as a patient, have spoken to your doctor, naturopath or therapist about a stationary or outpatient treatment in our clinic, the **gisunt®**

clinic with an international center for therapeutic hyperthermia?

You, as a doctor or therapist are looking for ways of optimizing the therapy of your patients with the help of complementary means?

You would like to integrate your efforts for the benefit of your patients into an integrative concept or to use hyperthermia professionally?

Our brochure provides you with interesting and valuable information about the **gisunt®** clinic.

On entering the **gisunt®** clinic you will be welcomed by our staff at the reception desk. They will assist you in all matters and explain your scheduled program detailedly.

Before the treatment you have the opportunity to speak personally to our head physician or his representative about the proposed measures.

Absolute confidentiality is a matter of course in the **gisunt®** clinic.



Holger Wehner,
Medical director
(Prof. em. [RUS]) Dr. med. Dipl.-Med.

Which patients do we treat?

- Health-conscious patients to increase vitality and slow down the aging
- chronically ill, exhausted (burnout) and cancer patients, even multimorbide as well as bedridden patients
- Patients also concomitant with conventional therapies such as chemo-, hormone-, radiotherapy and surgeries for lowering side-effects
- but also for the prevention or deceleration of impending deterioration of the quality of life through CFS (chronic fatigue syndrome). For us, there are NO untreatable patients!
- secondary prevention, i.e. fight to prevent recurrence (cancer recurrence) or metastases

We principally treat:

- Lyme disease
- systemic fungal infections
- all carcinomata with and without metastases- loss of power and states of exhaustion
- stress syndrome
- metabolic diseases-
- circulatory system disorders
- Migraine, dizziness, tinnitus, hearing loss
- joint-, muscle- and skeletal ailments
- Fibromyalgia syndrome
- rheumatism
- spondylitis
- Psoriasis, neurodermatitis
- Scleroderma
- Colitis ulcerosa, Crohn's disease
- bronchial asthma
- poisonings



Guest room „Sylt“

1. Hyperthermia methods

(Therapeutical overheating)

- systemic Cancer Multistep Therapy (sCMT)
- Thermo-chemotherapy
- Whole-body hyperthermia at different temperature levels (from mild to extreme) with specified IRATHERM-technique for harmless, pure Infrared-A-treatment
- Local, regional, partial body and surface hyperthermia
- Prostate hyperthermia (TUT)
- Laser-induced tumour destruction (laser-induced interstitial thermotherapy - LITT)
- Transluminal hyperthermia (TLHT)
- Hyperthermia for bladder, abdominal cavity and pleura
- active fever therapy

2. Oxygen therapies

- oxygen multi-step (to Prof. von Ardenne)
- Increase of oxygen utilization in cells and tissues by minerals and vitamins
- high oxygen content increase in the inspiratory air leads to an increase in the arterial O₂ partial pressure (pO₂)
- Increase of blood circulation through movement during the first step's action
- ozone therapy
- oxygen insufflation
- ozone insufflation (wounds, rectal)

3. Naturopathy

- Misteltoe-, thymus-, pancreas peptide therapy
- Deffering methods
- Colon irrigations, colon-hydro-therapy
- Therapeutic leeching
- Phytotherapy
- Vitamin therapy
- Traditional Chinese medicine and
- Acupuncture
- Ayurveda

4. Physical therapies

- Baths, electric stimulation, shortwave, drainage
- Hydrosun, Qi-cocoon, Oxisun
- Massages
- Magnetic field therapy
- Ayurveda treatments
- Light therapy, OxiSun, OxySpa®
- White-light therapy (17.000 LUX)

5. Immunotherapies

- Fever therapy (active fever therapy)
- mild whole-body hyperthermia (passive fever therapy)
- BCG- and Immucothel® instillation for the bladder
- Biological immunostimulation

6. Conventional therapies

- Hormone- / antihormone therapy
- Cytostatic chemotherapy
- Minor surgical operations
- Parenteral nutrition, infusion therapy

7. Additional possibilities

- relaxation-therapy
- individual problem solutions
- Seminars, e.g. emotions and healing
- Health coaching/- monitoring processes

8. Diagnostic means

- Ultrasound
- CT, MRT, PET, radiation (consiliary)
- Cystoscopy, rectoscopy
- Laboratory, microscopy
- Immune diagnostics
- Stool diagnostics
- Chemosensitivity-, radiation sensitivity test
- Arterial rigidity index measuring (ASI)
- ECG, ergometry
- Tongue and pulse diagnostics
- Allergy tests
- Food and inhalation substance-sensitivity testing
- Pathomorphological, histochemical-, molecularbiological analysis
- Echocardiography, colour doppler sonography (consiliary)
- Test of circulating tumor cells
- Cellular immune status

9. Credentials of the clinic

- successful implementation of more than 1000 extreme whole-body hyperthermia (status 31.08.2016)
- regular visiting students from Germany and abroad
- high proportion of patient clientele comes from the circle of colleagues
- Certified by the German Society for Hyperthermia
- over 25 years experience
- Doctoral students from the German Academic Exchange Service
- Incorporation of three university teams in sCMT and extreme whole-body hyperthermia



The systemic Cancer-Multistep-Therapy is currently being used in Germany as a first-line modality supplementing standard therapies for the treatment of cancer patients, especially those in stages of tumor progression which cannot be controlled by conventional therapies (i.e. where all treatment options have already been exhausted).

The basis of this concept, presented by Professor Dr. Manfred von Ardenne (1907-1997) in Dresden in 1965, is the simultaneous application of the synergistic effects of extreme whole-body hyperthermia, induced hyperglycemia and relative hyperoxemia, which may be supplemented by chemotherapy and/or radiotherapy as well as further measures for increasing therapeutic selectivity.

Since extreme hyperthermia is not selective enough for a systemic cancer therapy, the cancer cells are sensitized to temperature via hyperglycemia. This is accomplished by glucose infusions (hyperglycemia). This leads to the stimulation of glycolysis of the tumor cells and thus to a selective hyperacidity of the cancer tissue and inhibition of blood microcirculation therein.

Our head physician had acted as the medical director of the Von Ardenne clinic in Dresden from 1997 to 2000. He learned the procedure from its inaugurator and has been continuing it at **gisunt**[®] clinic since that time. We are proud that until now he was able to transfer this know-how to three university hospitals.



(Prof. em. [RUS]) Dr. med. H. Wehner

Heatheal® is a special kind of extreme whole-body hyperthermia that can reach up to 43.5° C.

The gisunt® clinic for integrative Medicine with International Hyperthermia Center is the first center in Europe that has integrated this method into the clinical routine since the beginning of 2012 and has since then scientifically prospectively evaluated it.

Already in 1965 Prof. Dr. med. H. c. mult. Manfred von Ardenne at the Medical Academy Dresden reached these temperatures in a water bath, which was taken up again by the group around Prof. Suvernev since the 1990s in Novosibirsk.

The thus "new" whole-body hyperthermia is another weapon against cancer, virus infections, Lyme disease, HIV infections and immune system disorders (e.g. bronchial asthma, ulcerative colitis), but also in selected neurological problem situations (sclerosis) or for detoxification - which, however, still some scientific research must complete.

In cancer, hyperthermia provides an enhancement of chemotherapy's and radiation therapy's efficacy, making it possible to reduce the dose of chemotherapy or radiation. Negative side effects of chemotherapy and radiotherapy can thus be reduced. A possible killing of cancer cells in the primary tumor or in the metastases occurs at these temperatures above the lowest indicated in the literature of 41.5° C under stimulating of the immune system.



Ocean Forte facility
to carry out the
Heatheal®

The mild (up to $<38.5^{\circ}\text{C}$) to moderate ($38.5^{\circ}\text{C} - 40.5^{\circ}\text{C}$) whole body hyperthermia has low side effects and can be applied out-patient for example in chronic conditions.

During the initial examination, the optimal therapeutic modalities for your disease will be determined. During the treatment, you will rest unclothed on a small-meshed net under tension and be covered with a sheet and a reflective foil (except for the head). The heat radiation is conducted through the net from the bottom. During therapy, your pulse, blood pressure, body and skin temperature will be monitored. The mild warming usually occurs over a period of 60 - 120 minutes, but also up to 6 - 8 hours as so-called long-duration fever-range hyperthermia with appropriate indication [Lit.: BULL et al.].

Whole-body hyperthermia can also be used as passive fever therapy. For this purpose, certain biological substances (PPLP) are to be applied [Lit.: COLEY, HOBOMH].

The target temperature range extends from subfebrile temperatures ($< 37.5^{\circ}\text{C}$) to the moderate, fever-like temperature level of 38.5°C to core body core temperatures of 40°C , if the clinical picture requires it.

Our medical staff will monitor the rise in temperature and adjust the radiation activity accordingly. After the heat phase the patient rests up to half an hour and showers, if desired.

T

IRATHERM
2000 to carry
out the WBH



Regional deep hyperthermia is realized in modern hyperthermia centers with different systems for differentiated indications. We mostly use the so-called hyperthermia with capacitive coupling, because lung tumors or metastases as well as brain tumors can be treated with it.

The therapy serves the targeted treatment of body regions, has few side effects and is mainly performed on an outpatient basis.

The tumor cell destruction begins at 42° C without any metabolic influence. Direct tumor damage can be expected from 41,5° C [v. ARDENNE et. al; OVERGAARD et. al.] in combination with metabolic peculiarities.

Heating up the tumor tissue leads to a buildup of heat and leads to disturbances in important metabolic processes, there is a decrease in the pH value (increased temperature sensitivity).

In addition, vital cellular repair systems are deactivated by thermal damage: hence, damaged cell components (membranes, proteins) cannot be replaced, ultimately facilitating apoptosis (the death of tumor cells).

In addition to whole-body hyperthermia, regional hyperthermia has recently become more important because it is a non-invasive, very gentle, well tolerated and effective therapy.



EHY 2000 for performing the regional deep hyperthermia

Laser-induced interstitial thermotherapy (LITT)

The laser-induced interstitial thermotherapy destroys soft tissue tumors with a laser beam. At temperatures of up to 110° C this method is applied mainly on liver metastases / tumors.

(Transurethral thermotherapy (TUT) / transurethral hyperthermia

The Prostate hyperthermia has significantly fewer or fewer side effects such as impotence or incontinence than other methods.. This therapy is favourably applied for prostate cancers, benign prostatitis hyperplasia and prostatitis.

Intraperitoneal hyperthermia (IPHT) / Intravesical hyperthermia (IVHT) / Intraluminal Hyperthermia (ILHT)

The Intraperitoneal hyperthermia (IPHT) is a hyperthermic abdominal flush. This technique can also be used for bladder cancers as so-called intravesical hyperthermia. The introduction of hyperthermia into lumina (body orifices, e.g. rectum, sigmoid, esophagus) may be useful in certain indications - then it is called ILHT.

All of these options can help improving the prognosis. In experienced hands, further components are thus available to prolong life as well as its quality and increase chances of curing and treating cancer.



EHY-1020 IL to carry out TUMT



beach promenade of Wilhelmshaven

You are welcome to visit our museums, one of the many monuments or our beautiful beach in Wilhelmshaven. We recommend a boat-trip to one of the beautiful East frisian slands.

Our municipal theatre, the casino in Bad Zwischenahn as well as the castle town Jever with its famous brewery and beautiful old town invite you to an unforgettable visit.

The international guests of the gisunt® clinic (Koreans, Portugese, Spanish, Americans, British and Swedes) often offer the opportunity for interesting conversations and the exchange of ideas and experience.

Emperor Wilhelm Memorial, namesake of the city Wilhelmshaven



Our holistic work is based on four pillars:

- ◆ **Mental and physical support**
- ◆ **Progressive medical care**
- ◆ **Healthy, naturopathic lifestyle**
- ◆ **Constant training and education of all staff members**

gisunt[®] stands for

- g** ganzheitliches = holistic
- i** individuelles / integratives = individual/integr.
- s** schonendes = gentle
- u** umsichtiges = sensitive
- n** naturnahes = natural
- t** therapieren = therapy

gisunt[®]

the word, which stands for health and well-being, originates from old High German and was created around 600 A.D.

In our clinic the customer is king, her/his wellness has the utmost priority. Therefore, we offer best quality and professional competence, which animated even interested parties from the far East to imitate.

The **gisunt[®]** clinic and the **gisunt[®]** institute, as all **gisunt** enterprises demonstrate the same combination of natural therapies and classical Western medicine, based on research and experience.

The human dignity as well as respect for the patient's will and therapeutic freedom are self-evident for the entire **gisunt[®]** - staff.

Always trying the hardest to improve the prognosis, even in most critical phases of illness, we care for you lovingly.

We give our best for you and attempt all efforts to develop integrative helpful therapy concepts, in order to reduce your suffering and optimise your prognosis.

But without your active cooperation and your will to regain your health we can only achieve little. If you take your part of responsibility, we can become an important partner for our joint efforts.

Your **gisunt[®]** team,
Your families Wehner
Your Holger Wehner, founder

Medical director / gisunt® - founder:

Prof. em. [RUS] Dr. med. Dipl-Med. Holger Wehner
Specialist for general medicine, natural therapies,
Oncology, nicotine therapist

- Longtime president of the German society for Hyperthermia e.V. (DGHT)
- 2010 President of International Clinical Hyperthermia Society (ICHS)
- Author and co-author of numerous books

Director clinical research:

Prof. Dr. med. habil. Wilfried Wehner
Specialist for surgery, casualty surgery and urology,
Acupuncture

Additional physicans:

Dr. med. Maria-Madelon Wehner
Specialist for gynaecology and obstetrics

**Other physicians, consiliary,
are available:**

- Anesthesist
- Radiologist
- Stomatologist
- Othorhinal specialist
- Dermatologist
- Neurosurgeon



**gisunt[®] - clinic for
integrative Medicine**

**International
hyperthermia centre
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You can also find us on the internet

www.gisunt.de, at



Linked in

Hyperthermia Center certified by the German Society
for Hyperthermia e.V. in 2005.

Member of the following association:

International Clinical Hyperthermia Society (ICHS)

European Society for Hyperthermic Oncology (ESHO)

German Society for hyperthermia (DGHT)

German Society for Acupuncture and Neural Therapy e.V. (DGfAN)

German Cancer Society e.V.

Interdisciplinary Hyperthermia Research Group (IAH)

International Medical Association for Functional Proteomics e.V.

Research Promotion Agency for Complementary Medicine e.V.

Society for Biological Cancer Defense (GfbK)

German Academy for Chelation Therapy e.V.

German Society of Oncology (DGO)

German Competence Center Health Promotion and Dietetics e.V. (DKGD)

Scientific exchange:

Academy of Medical and Social Rehabilitation,
rector: Prof. F. Yunusov, Moskow/Russian Federation

according to § 30 GewO state licensed private hospital

gisunt[®] - Society for preventive and aesthetic Medicine mbH