

Hyperthermia

Our **unique hyperthermia devices** are developed for a **gentle treatment** performance and our team of well experienced medical specialists treat every patient individually.

In the last two years, we have been successfully treating hundreds of patients, with **various cancers** as well as **Lyme borreliosis** and other **chronic diseases**.

Hyperthermia can also be used for **detoxification, immune activation** and **regeneration**.

Contact us


Visit our website for more information and don't hesitate to call us so we can help you with further queries.





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**Hyperthermia -
effective cancer treatment method
in Germany**

Fighting cancer with heat:
The hyperthermia procedures are
effective against many cancers and also
Lyme disease


is our **PASSION**



What is Hyperthermia?

Hyperthermia is a form of treatment used in **cancer therapy**, in which the efficacy of “classic” treatments such as chemotherapy and radiation therapy is enhanced by **overheating the cancer cells**, creating a synergetic effect.

Hyperthermia is administered in combination with **chemotherapy and/or radiation therapy**. Consequently, this **increased effectiveness** enables the dose of cytostatics (chemical medications) to be reduced, and the ability of the previously damaged tumour cells to repair themselves is also diminished. This further enhances the effect of radiation therapy.

Tumours that had otherwise become resistant to chemotherapy or radiation therapy also responded to these therapies again after hyperthermia treatment.

After the heating therapy, the **immune system** better recognizes and further damages the cancer cells, thus **tumour growth is terminated**.

How does Hyperthermia work?

Cancer cells are much more sensitive to heat than healthy cells. The heating of the cancer cells is performed with an **electromagnetic field** and a **special cancer cell wavelength**, primarily targeting the cancer cells.

Heat also gives rise to “**heat shock proteins**” in the tumours. These are protein substances which warn the immune system that a cancerous process is taking place in the organism. This enables the immune system to activate “**killer cells**”, which **attack the tumorous tissue** specifically.



39.0°C to 42.0°C.

Not only are the cancer cells destroyed, but the flow of blood through the tumour tissue is increased, rendering the **tumour more responsive to medications or radiation**.

Moreover, side effects such as hair loss and nausea as well as the physical and mental stresses associated therewith are also reduced significantly.

Types of Hyperthermia treatment

• New EHP® hyperthermia

Extracorporeal hemoperfusion- EHP® makes it possible to treat many diseases **effectively & with minimal side effects**.

• Local hyperthermia

We use local hyperthermia mainly on **tumours that are close to the skin**, e.g. breast cancer, skin cancer, sarcomas (soft tissue tumours), head and neck tumours and the affected lymph nodes which **cannot be treated surgically**.

• Prostate hyperthermia

Prostatic hyperthermia treatment is suitable for **prostate carcinomas** and also for treating **benign prostate enlargement**.

• Whole body hyperthermia

Whole body hyperthermia gives the immune system the opportunity to fight **viral and bacterial infections**.