

THE EFFECT OF BEMER THERAPY IN THE TREATMENT OF TUMOURS

Surgery, radiation, and chemotherapy are proven treatments in clinical medicine for the reduction of tumours. However, they also affect and possibly harm the immune system. If there is no regeneration of this especially for the cancer patient life-sustaining system, remnants of tumour cells are able to multiply anew, and become the beginning of secondary tumours. Therefore, complimentary measures within an individualized therapy concept for the best possible regeneration of the immune system are of high importance. Pulsating electro-magnetic fields (PEMF) can be a valuable basis for such therapy.

The positive effects of magnetic therapy have been known for decades and are the subject of numerous scientific works. The developing modern technology permits the use of magnetic energy on a broader basis, and it is becoming an essential contribution for improving the quality of life among affected patients, without any side effects.

The BEMER 3000 system uses a low frequency pulsing field, which can deliver the life sustaining electro-magnetic energy to the body in an optimal way. This effect is of great significance especially for malignant tumours, since the organism of the patient is no longer in a state of bio-energetic balance and is usually also compromised through therapeutic interventions.

The following characteristics of the tumour cell are of significance with relationship to BEMER therapy:

- A lowering of the membrane potential (TMP)
- The anaerobic metabolism with accompanying decline of overall metabolic situation, including that of the surrounding tissues
- The undoing of the normal cell structure
- The overall destruction of the immune system

While a healthy cell has a “working voltage” (TMP) of -70 to -90 mV, the membrane potential of a tumour cell is as low as -15 to -20 mV, which leads to a lasting energy deficit. This situation is worsened even more by the excessive and invasive growth of the tumour. Experimental results confirm that there is a critical lower limit of the TMP, at which the cancer cell has to divide in order to maintain its atypical metabolism. Even abnormal cells have a built-in ‘survival program’, which runs independently from that of the healthy cells and is no longer integrated into the organism as a whole. Through the quick and uncontrolled cell growth the negative critical limit of the TMP is achieved again soon, and the division has to be repeated, whereby the number of tumour cells grows exponentially.

Through the electro-magnetic impulse of the BEMER, it becomes possible to raise the critically low membrane potential, and therefore to reduce one of the critical factors of tumour growth. A number of corresponding testimonials are recorded (e.g. Queensland Post-care and Cancer Clinic, Brisbane 1998), which testify to the improvement of the general well-being of the patients and, based on the findings, point toward a reduced division of the tumour cells. Some observations (e.g. Clinica San Gerardo, Monza) indicate that the malignancy degree of a tumour can also be reduced under the influence of a magnetic field.

The measurable improvement of the oxygen supply and circulation is of basic significance for the overall improvement of the patient as well as for the regeneration and activity of the immune system. Specifically increased are the formation of anti bodies and T-lymphocytes, and the production of several of the body's own enzymes.

The BEMER impulse also causes an increase in the body's melanin production, which is important for the tumour patient because of it's relaxing and sleep regulating effect, and also because melanin can bind free radicals which are produced in higher amounts in connection with tumours. In addition, many body functions and pain are improved through the anti-inflammatory properties of the therapy.

If cancer is detected early and operable, the success rate of surgery is about 40-70%. With the addition of radiation about 10% of all tumours are curable, with systematic chemotherapy another 10%! As mentioned previously, the use of these necessary, tumour destroying, primary therapies is often insufficient due to the accompanying destruction of the immune system. Therefore, tumour patients should utilize a biological therapy concept which stabilizes the weakened immune system, in addition to the targeted, primary oncology treatment. This positive synthesis of classic clinical methods and biological medicine is being used in an increasing number of clinics.

The treatment with pulsing electro-magnetic fields can activate the body's own healing mechanisms, thus shorten recovery time after surgery, minimize side effects of radiation and chemotherapy, and improve quality of life.