

## USE OF BEMER THERAPY WITH SARCOIDOSIS

Sarcoidosis (Boeck's Disease) is an inflammatory disease of the supportive and connective tissues that can affect all organs (liver, spleen, skin, eyes, heart) as well as the musculo-skeletal system (bones, joints). It causes the development of granulomas, which are masses resembling little tumors. They are made up of clumps of cells from the immune system. In almost all cases of the disease, the lymph nodes near the lungs are involved and in over 90% the lungs themselves.

The causes of the disease are still unclear. Besides a disturbance of the immune system due to inhaled substances (recent discussions focus on an infection with certain kinds of mycobacteria), a genetic defect seems to be a factor in increasing the risk for the disease.

Sarcoidosis can be categorized into acute and chronic forms. Diagnosis is often difficult or delayed because the first symptoms are of a non-specific nature, like general malaise, decrease in energy, fatigue and flu-like symptoms.

As the disease progresses a persistent cough and shortness of breath become apparent, along with symptoms of other affected organs like changes in and spots on the skin, eye infections and reduced vision, and cardiac rhythm disturbances caused by inflammation of the heart muscle, etc.

There are 3 stages to the progress of the disease, which manifest themselves markedly in the lungs.

The initial stage is characterized by swelling of the hilus lymph nodes and inflammation of the alveoli (or the mesenchym respectively). The increased reaction of the immune system to these inflammations leads to the next stage of the disease with development of additional granulomas. The 3<sup>rd</sup> (last) stage is characterized by scar tissue in the granulomas, and in some cases fibromas.

Acute sarcoidosis often proceeds in episodes and disappears on its own within a few weeks or months in over 90% of the cases. The chronic form of the disease has a promising prognosis as well. In order to prevent progression of the disease to the 3<sup>rd</sup> stage, which is accompanied by an irreversible formation of scar tissue in the connective tissues, a timely intervention based on regular check-ups is required.

Traditional medicine will prescribe cortisone as the treatment of choice, which over time, often has significant side effects. To help fight the progress of the disease and as a way to improve quality of life and all-over wellness, BEMER therapy offers an added therapeutic measure.

BEMER-therapy can be used to improve the circulation and to give general support to the body's self-regulatory mechanisms. Through the following scientifically proven effects, BEMER therapy can lead to the improvement or stabilization of physical well-being and can contribute significantly to the prevention and treatment of sarcoidosis:

- § Positive physiological effect on the condition of microcirculation, and increased utilization of oxygen in the capillary tissue
- § Positive effect on the protein biosynthesis (repair proteins)

- § Improved micro-hemodynamic conditions for the first steps of immunological processes, and thereby in indirect strengthening of the body's own defense mechanisms
- § Positive effect on the vegetative nervous system

BEMER therapy is a complex method that optimizes energy production by the individual cells (ATP) through improved circulation and increased oxygen utilization, thereby contributing to the overall regulation of the body's metabolism. It is therefore an important and essential foundation for strengthening the body's self-healing mechanisms, supporting other treatment measures, and decreasing the side effects of cortisone medications.

User recommendations for BEMER therapy with sarcoidosis
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- § 1 to 3 times per day on the mat according to the basic program
- § Additional use of the mat with level 10 once a day

Furthermore, for localized inflammations or pain, the intensive applicator should be used with P3 for inflammation and P4 for pain.

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Literature and studies:

Klopp, R.: *Magnetfeldtherapie: Komplementär-therapeutisch sinnvoll oder Unsinn?* Institut für Mikrozirkulation Berlin (2005)

Michaelis, H.: *Ärztliche Anwenderstudie 09/03*. Akademie für Bioenergetik (2003)

Michels-Wakili, S., Kafka W.A.: *BEMER 3000-typisch gepulste elektromagnetische Felder niedriger Energie reduzieren Zahnarztangst* (2003)

<http://idw-online.de/pages/de/news102849>

Please note: Broad acceptance of medical products generally takes several years. We are committed by law to advise you that the effectiveness of electromagnetic fields is still being discussed controversially and has not been commonly accepted.