



Active Cells- Healthy Body

PEMF influences the ion concentration on both sides of the cell membrane. They exert a positive effect on the cellular metabolism and thus on the functioning of the complete system. They do that within a defined region of frequency and amplitude (the so called window effect). The function of the sodium-potassium pump, which is responsible for maintaining the negative potential in the cell, is also fundamentally influenced by the effect of alternating magnetic fields. The sodium potassium pump is an enzyme located on the cell membrane. It transports Na^+ ions out of the cell and K^+ ions into the cell. Another well-known effective mechanism is the influence on the stimulus threshold of the nerve cells through an accumulation or a removal of charge carriers. This mechanism can cause a decrease in pain over a longer period.

PEMF Provides Results For:

Back and Neck
Arthritis
Migraines
Tennis Elbow
TMJ Pain
Sport Injuries
Knee Pain and More



MAS USA

Barbara Slaine

Tel.: (203) 912 2791

Email: lipbalance@gmail.com

Pulsed Magnetic Field Therapy

Detox, Pain Relief,
Cell-Rejuvenation and
much more



Natural Healing

As any disease seems to go back to a reduced functioning of the metabolism and circulation system, scientists have often stated that magnetic field therapy is a basic requirement for any healing process. Pain is a message from our body. The tissue cries out for energy flow, in the form of magnetic fields. Overall, it can be stated that magnetic field therapy supports the metabolism and increases blood circulation throughout the whole body. It intensifies the oxygen supply in the cells and speeds the transportation of metabolic waste products. Magnetic field therapy is successfully used for the following indications:



Magnetic field therapy works in the cell and supports the functioning of inner regulation mechanisms while enhancing the self-healing capacity. The action of magnetic field therapy may be summarized according to scientist in three main effects:

a) **Increased blood circulation**

Thermo-graphic measuring charts show the increase of circulation under a magnetic field. This leads to a better nutrition and rejuvenation of cells



Before



After

b) **Improved oxygen supply**

The PEMF ensures increased oxygen extraction (de-oxygenation) and enriches the tissue with oxygen.

c) **Enhanced Metabolism**

PEMF enhances both anabolism and catabolism.



Red blood cells pass through capillaries supplying oxygen to the surrounding tissues. Blood flow is increased through the pulsating electromagnetic field. The exchange of oxygen is extremely fast in the basic tissues. Here the oxygen partial pressure rises by 400 - 800% therefore all cells breath and function better and better.