

Zimmer
MedizinSysteme



emField *Pro*

Zimmer

EMFIELD PRO

Healing in a natural way Quality through expertise

Now you can experience the power of High Energy Inductive Therapy.

Pain is one of the most increasing health issues in the world. Studies suggest that around 20% of adults suffer from pain.

Zimmer introduces with their innovative High Energy Inductive Therapy a new standard in pain reducing therapies.

Besides effective pain treatment High Energy Inductive Therapy is widely used to inference muscle tone, enhance blood circulation and activate the regeneration process.



High Energy Inductive Therapy

The human body is a good conducting medium and also conductive to magnetic fields. Since ions in a cell have a charge, the cell membrane also needs a certain charge.

The membrane charge of normal, healthy cells is higher than that of diseased or aged cells, including bacteria and viruses. When the cell membrane charge is low, the cell has too little energy to perform its normal function.

Hence, cells need energy, and electromagnetic field stimulation is known to increase this energy and optimize the function of the cell.

Electromagnetic fields can pass through cells, tissues, organs and bones without any deformation or loss, activate the electrochemistry of tissues, and improve cell and cell membrane function.

The emField*Pro* generates a magnetic field of 3 Tesla, which is about 600 times stronger than a normal magnet bar. This strong magnetic field stimulates nerve cells, muscles, and blood vessels consequently.



Treatment with emField Pro



Combined application – static and dynamic

Very often, pain is not evenly distributed in the treatment area. With many pain syndromes, maximum points such as trigger or pain points lie within the painful region. Trigger points and principal pain points are treated statically whilst other painful areas are treated dynamically. With combined treatment, care should be taken to ensure that static therapy is initially applied to the pain and trigger points. Extensive treatment can then be continued with dynamic application.



Static treatment

Use for static treatments the large applicator, which is mounted on the applicator arm. Pain points and trigger points for static treatment are initially palpated. The treatment is then administered with the power output. Every pain point or trigger point is treated. It should be borne in mind that trigger points frequently lie outside the pain area.



Dynamic treatment

Use for dynamic treatments the medium applicator. No direct skin contact is needed. If skin contact is desired, make sure the skin is dry and clean. Pain or treatment zones are initially palpated. The treatment is administered with the power output. Make sure the whole treatment zone is treated.

Treatment energy and time

The maximum energy to be transmitted should be not higher than mentioned in the treatment recommendations. Nevertheless make sure never to use higher energy than the patient can endure.

The minimum course of treatment is two sessions per week.



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CLINICAL INDICATIONS



EMFIELD PRO PRACTITIONER STATEMENTS

Post-operative High Energy Inductive Therapy

„I came in contact with a patient, who was operated on his elbow (for Osteochondritis dissecans). He was almost one year sick at home and had different therapies at several practices without results.

I started an intensive treatment of exercises combined with the emFieldPro. Within six weeks this patient was capable to go back to work (partially) and in three months he was complete „back on track“.

R. Mühlhäuser, Physical Therapist, Ulm, Germany

High Energy Inductive Therapy on chronic pain

„We got a patient for a second opinion because of pain on her elbow. Earlier therapies that were suggested were very painful and without any results.

We offered her two painless emFieldPro sessions and her elbow problems were complete gone.“

Nijas Backer, Physical Therapist, Dubai.

High Energy Inductive Therapy on frozen shoulder

I had one patient who had months of physical therapy without results.

But three weeks and six sessions with the emFieldPro later, her pain was complete gone and she had full functionality of her shoulder back“

Angelin Francis, Physical Therapist, Kuala Lumpur, Malaysia.

Increase your therapeutic results



Perfect co-therapist
your 24/7 working partner

Non-invasive and non-contact transducers
Energy penetrates through clothes without loss of energy

Large applicator for static treatments

It's an impressive feeling the patient has with immediate pain relief



Indication list, favourites and an expert mode
to create your own treatment programs

Medium applicator for dynamic treatments

Perfect integration in all your rehab programmes

Improve your praxis image



Technical Data

Magnetic power	3 Tesla (Large applicator) 2,5 Tesla (Medium applicator)
Channels	2
Frequency	1 – 100 Hz
Treatment Protocols	Programms: 20 Favourites: 20 Expert mode: 20
Treatment time	1 – 60 minutes
Interface	8" LCD touch screen and central button
Dimensions	542 (L) × 501 (W) × 993 (H) mm
Weight	Approx. 60 kg



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