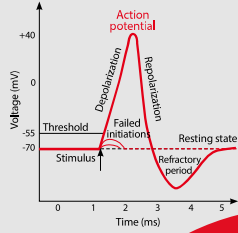
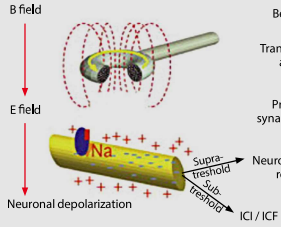


**How does the magnetic field activate a muscle?**



Rapid changes of magnetic field intensity induce an electrical current in the neuron. This phenomenon is called electromagnetic induction. Once the voltage reaches a certain value, a so-called neuron action potential is achieved. This causes the neuron cell to depolarize, which eventually leads to a complete muscle contraction.

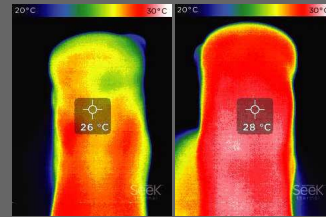
**FMS effects as visible on the thermal images**

Thermal images show us the effect of FMS before and after therapy. Because of muscle activation and strong pulsed magnetic field effect we can see significant health benefits.

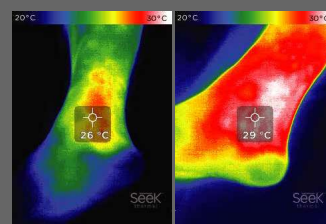
**FMS AREAS OF USE**

- NEURO-PHYSIOTHERAPY
- REPRODUCTIVE SYSTEM DISORDERS
- GERIATRIC DISORDERS
- PAIN RELIEF
- MUSCULOSKELETAL REHABILITATION
- REHABILITATION OF SPORTS INJURIES
- INCONTINENCE

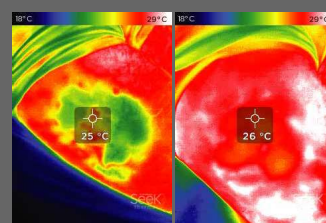
**ACHILLES TENDON**  
Before & After



**ANKLE**  
Before & After



**THIGH**  
Before & After



**FMS handheld applicators**

The device can be used in physiotherapy or rehabilitation. The appropriate areas for triggering muscle stimulation can be quickly located using the handheld FMS applicator. The FMS device delivers pulses of magnetic field which can activate even the weakened muscles and strengthens them. The FMS handheld applicators come in two different sizes.

**Hands free** application can be achieved by attaching the FMS applicator on a special mechanical arm or fastening them to the body with rubber straps.

**Chair for lumbar area**

The treatment stimulates muscles and accelerates circulation without the need for direct contact with the skin. Therapy procedure is simple and the patient does not require any special preparation.

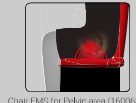
During the therapy the patient simply sits in the chair. The exact area of stimulation of the lower back and pelvic area can be set by adjusting the position of the applicator in the chair backrest or chair seat.



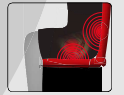
**Accessories**



There are two different chair models that are used to treat lumbar area and pelvic floor area:



Chair FMS for Pelvic area (16006352)



Chair FMS for Pelvic & Back area (16006352)