



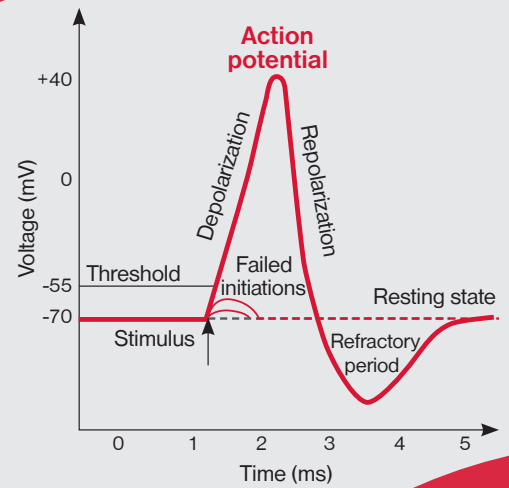
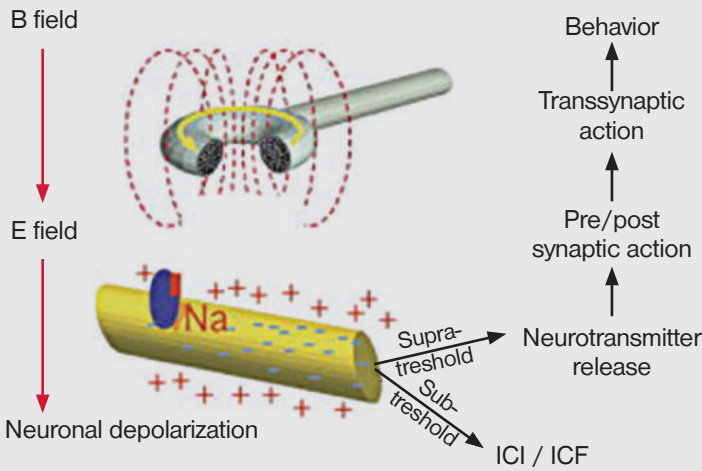
# FMS Stym™

FUNCTIONAL  
MAGNETIC  
STIMULATION



REHABILITATION  
SPORTS MEDICINE  
NEUROPHYSIOTHERAPY

# How does a magnetic field achieve therapeutic effects?



## FMS Stym device

- Hands free use
- Two handheld applicators
- Air cooling applicators
- Lightweight applicators
- Enables you to reach a specific motoric point
- Pleasant user experience
- Pre-set programs
- Option of creating custom programs

NEURO-  
PHYSIOTHERAPY

GERIATRIC  
DISORDERS

FMS A  
OF U

MUSCULOSKELETAL  
REHABILITATION

## FUNCTIONAL MAGNETIC STIMULATION



Deep muscle  
stimulation



Noninvasive



Painless



Contactless

Rapid changes of magnetic field intensity induce an electrical current in the neuron. This phenomenon is called electromagnetic induction.

Once the current 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 therapy before and after. Because of the muscle activation and strong pulsed magnetic field effect we can see significant change in blood circulation, vasodilatation and increase of metabolism.

HEALING

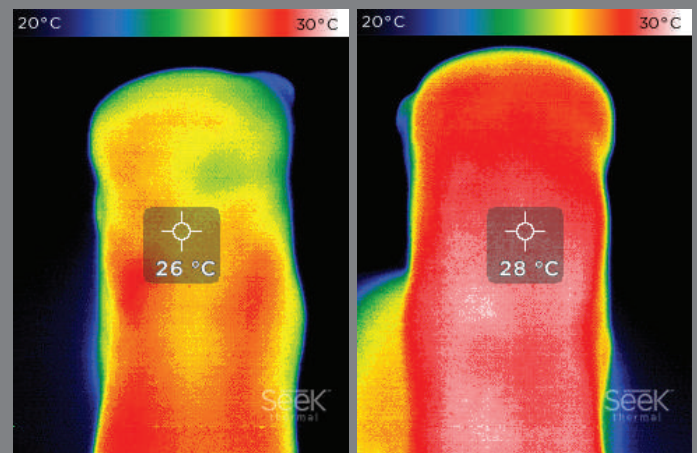
AREAS  
USE

PAIN  
RELIEF

REHABILITATION  
OF **SPORTS** INJURIES

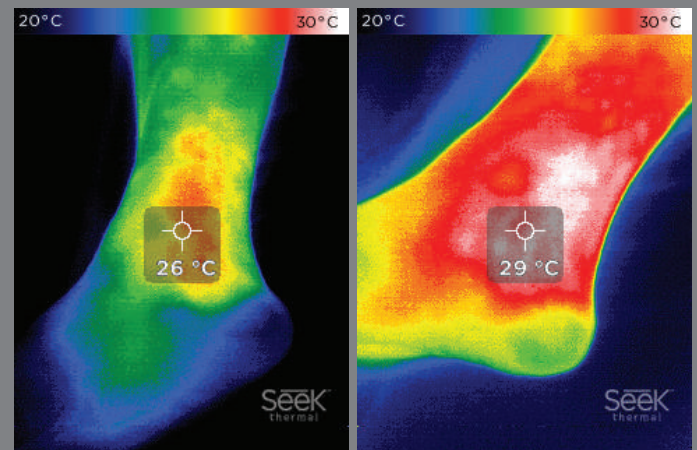
### ACHILLES TENDON

Before &  
After



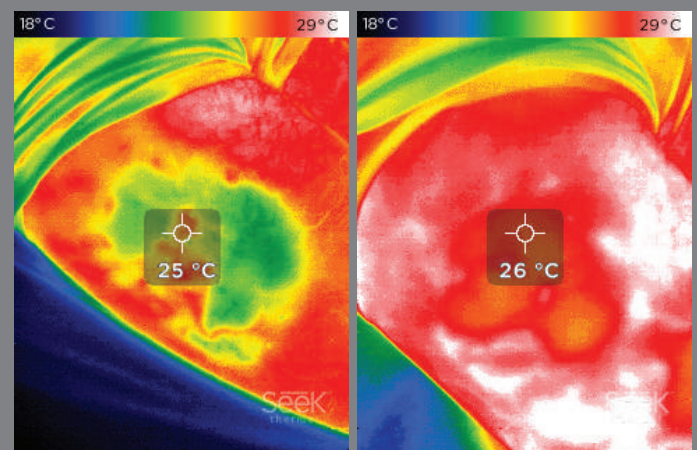
### ANKLE

Before &  
After



### THIGH

Before &  
After



CE 2265



FMS Stym  
(1800622)

**2 CHANNELS**

## Accessories

Applicator FMS2 L  
(15113062)



Applicator FMS2 M  
(15113052)



Trolley FMS  
(1600879)



Arm for  
applicator  
(1600631)



CE 2265

# FMS Stym™ **2 CHANNELS**

FUNCTIONAL  
MAGNETIC  
STIMULATION

Advantages:

**DEEP STIMULATION OF MUSCULAR STRUCTURES**

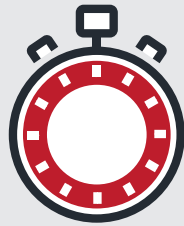
**MORE EFFECTIVE THAN ELECTROSTIMULATION**

**PAINLESS AND NON-INVASIVE THERAPY**

**SUITABLE FOR PATIENTS WHERE ELECTROTHERAPY CANNOT BE USED**

**NO SKIN CONTACT**

**THERAPY WITH OR WITHOUT THERAPIST**



**EFFECTIVE AND DURABLE**

IMPROVEMENTS  
AFTER A FEW  
SESSIONS



**SAFE AND PAINLESS**

RESULTS ARE  
SUPPORTED BY  
SCIENTIFIC STUDIES



**NON INVASIVE**

EFFECTIVELY STIMULATES  
MUSCLE TISSUE WITHOUT  
DIRECT SKIN CONTACT

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