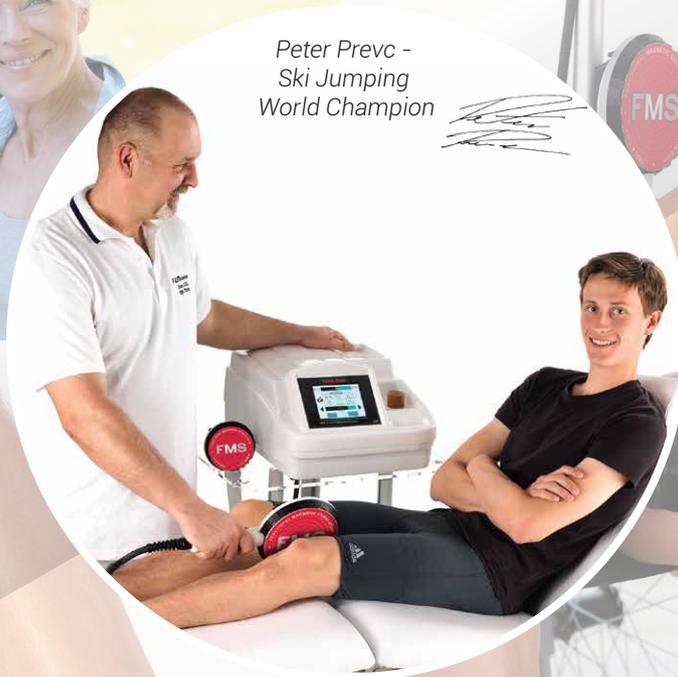


TESLA Stym

FUNCTIONAL
MAGNETIC
STIMULATION



Peter Prevc -
Ski Jumping
World Champion



REHABILITATION
NEURO-PHYSIOTHERAPY
SPORT MEDICINE

FUNCTIONAL MAGNETIC STIMULATION

1.

✓ Very successful stimulation of muscle tissue without direct contact with the skin 2.1.

- ✓ Extremely efficient for a very wide range of indications
- ✓ Use of stand-alone Handle for FMS applicator or handles integrated with the trolley
- ✓ Easy manual performing of therapies with lightweight applicators
- ✓ Particularly successful pain therapy
- ✓ Non-invasive and painless treatment

✓ The only non-invasive method for deep muscle stimulation 2.2.

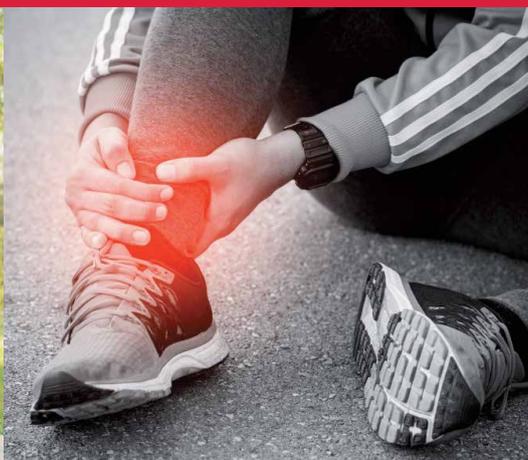
- ✓ Stimulation of deep muscular structures that are not reachable by electrotherapy
- ✓ Touch screen - easy and user-friendly

FMS AREAS OF USE

**NEURO-
PHYSIOTHERAPY**

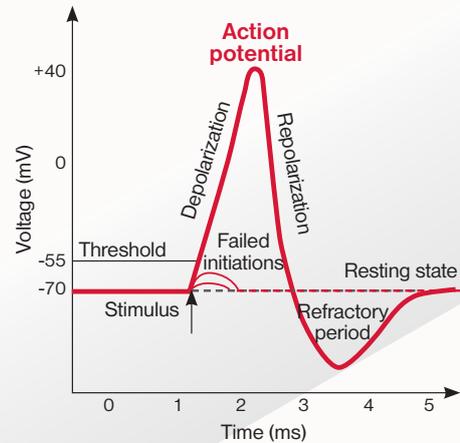
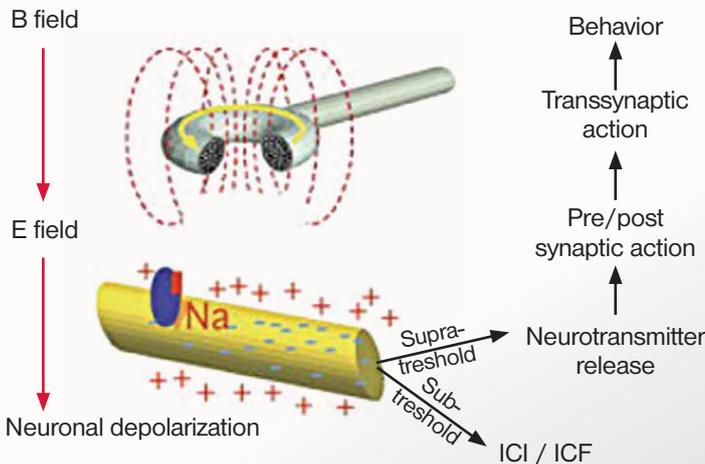
**MUSCULOSKELETAL
REHABILITATION**

**GERIATRIC
DISORDERS**



How does a magnetic field achieve therapeutic effects?

How does a 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 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.

DETAILS

- ▶ New, innovative pain relief therapy with 2.5 Tesla magnetic field
- ▶ Contactless neuromuscular stimulation
- ▶ Easy locating of the motoric point with the hand applicator which enables efficient stimulation
- ▶ Therapies are performed either manually or in the absence of the therapist by attaching the applicator to the body or fixing it to the stand or trolley
- ▶ Pre-prepared protocols for performing therapies based on diagnosis or type of tissue with the option of setting custom protocols

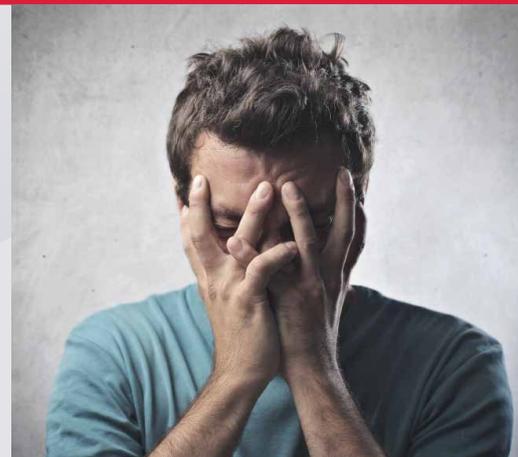
REHABILITATION
OF **SPORTS** INJURIES



HEALING



PAIN RELIEF



TESLA Stym

FUNCTIONAL
MAGNETIC
STIMULATION



T E C H N I C A L D A T A

3.	MAGNETIC FIELD STRENGTH	max 2.5 Tesla
4.	THERAPY FREQUENCY	1 to 160 Hz
5.	NUMBER OF CHANNEL	2
6.	INTERFACE	Color touchscreen
7.	MODULATION	Amplitude or frequency modulation
	ACTIVE TIME	1 s - 20 s
	PAUSE TIME	0 s - 240 s
2.4.	MAX NO. OF STEPS PER PROGRAM	8
	DURATION OF EACH STEP	1 s - 20 min
8.	THERAPY DURATION	1 min - 60 min
2.4.	MANUAL PROGRAMS (USER PROGRAMS)	Yes
2.3.	PRE-SET PROGRAMS	Yes
	PRE-SET PROTOCOLS	Yes
2.5.	BODY PART PROGRAMS	Yes
	FUSE	2xT8A
9.	VOLTAGE, POWER	AC230V 50-60 Hz 1500 VA
	SIZE: TESLA Stym / TESLA Stym prestige	40x51x26 / 47x60x27 cm (WxLxH)
	WEIGHT: TESLA Stym / TESLA Stym prestige	9.6 / 10.5 kg
	MDD 93/42/EEC classification	Class IIa

B A S I C S E T / O P T I O N S

TESLA Stym (1800513) / TESLA Stym prestige (1800514)	1 pc
10.1. Applicator FMS2 L ø15 cm (15113062)	/ optional
10.2. Applicator FMS2 M ø11 cm (15113052)	/ optional
Fixing rubber strap 3,2 x 100 cm (1504111)	/ optional
Arm for applicator FMS (1600631)	/ optional
10.3. Trolley	/ optional

Arm for applicator FMS (1600631)



CE 2265

Trolley Prestige Plus (1600858)



TESLA Stym (1800513)

CE 2265



TESLA Stym prestige (1800514)

CE 2265



Trolley TESLA FMS (1600879)

Trolley TESLA FMS (1600879)

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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