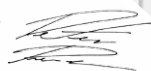


TESLA Stym

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

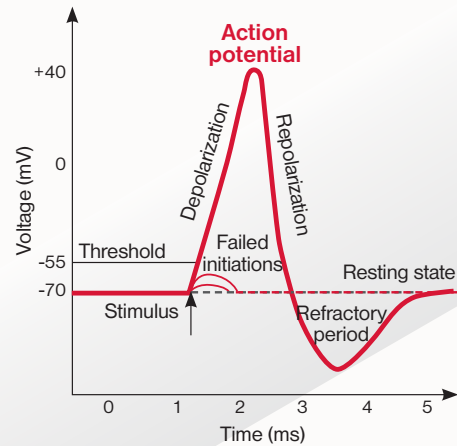
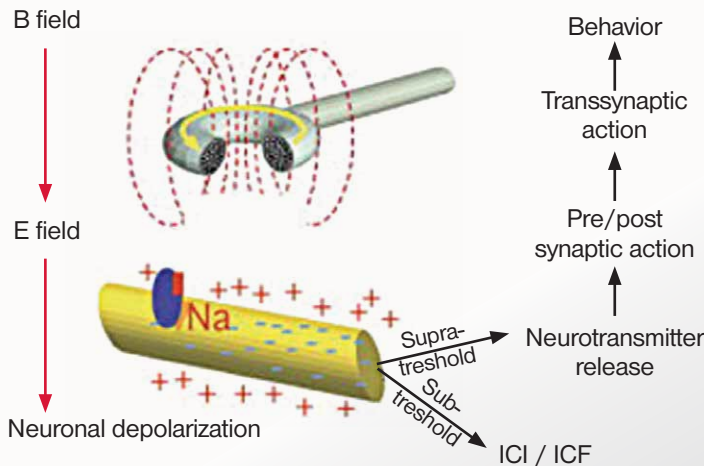


GERIATRIC DISORDERS



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

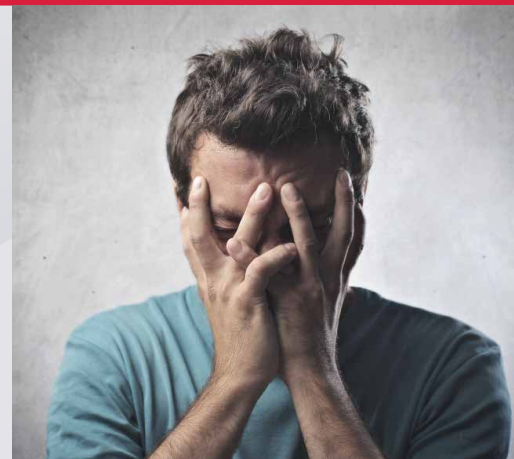
REHABILITATION
OF **SPORTS** INJURIES



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)



Trolley Prestige Plus
(1600858)



TESLA Stym
(1800513)

CE 2265



Trolley TESLA FMS
(1600879)

CE 2265

CE 2265

Advantages:

DEEP STIMULATION OF MUSCULAR STRUCTURES

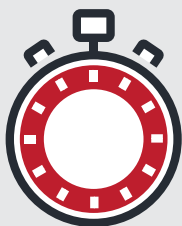
MORE EFFECTIVE THAN ELECTROSTIMULATION

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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