

SUPER  
INDUCTIVE SYSTEM  
CUTTING-EDGE  
TECHNOLOGY



# SUPER INDUCTIVE SYSTEM

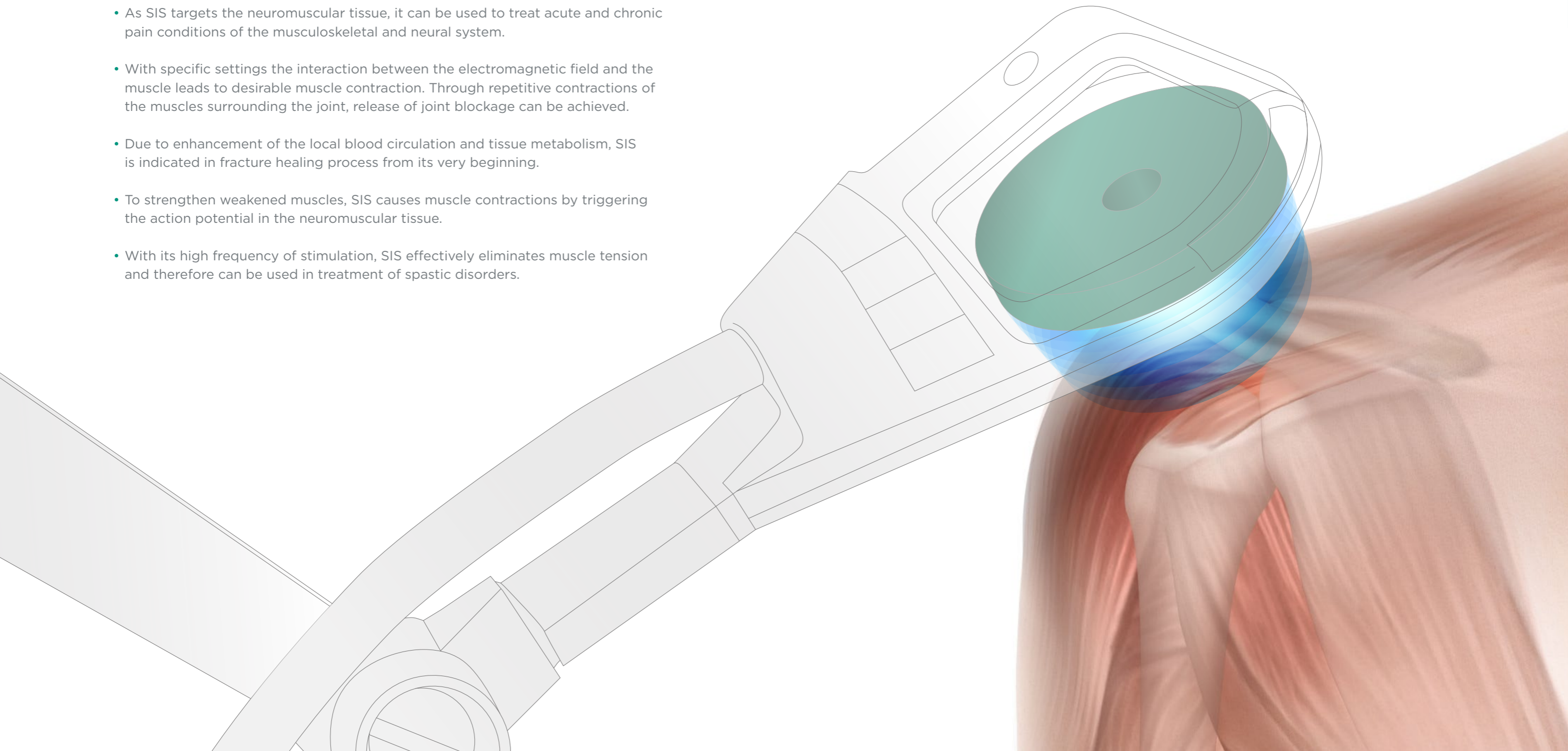
BTL presents an innovative therapy - the Super Inductive System (SIS). The technology is based on high-intensity electromagnetic field, which positively influences the human tissue. Therapeutic effects include pain relief, fracture healing, myorelaxation, myostimulation and joint mobilization.

- As SIS targets the neuromuscular tissue, it can be used to treat acute and chronic pain conditions of the musculoskeletal and neural system.
- With specific settings the interaction between the electromagnetic field and the muscle leads to desirable muscle contraction. Through repetitive contractions of the muscles surrounding the joint, release of joint blockage can be achieved.
- Due to enhancement of the local blood circulation and tissue metabolism, SIS is indicated in fracture healing process from its very beginning.
- To strengthen weakened muscles, SIS causes muscle contractions by triggering the action potential in the neuromuscular tissue.
- With its high frequency of stimulation, SIS effectively eliminates muscle tension and therefore can be used in treatment of spastic disorders.

## PATENTED TECHNOLOGY

The BTL Super Inductive System features unique high-tech solutions. Ingenious design of the coil in the applicator allows for smooth therapy procedure with the device, even under demanding operational conditions, which are frequencies of up to 150 Hz and intensity of up to 2.5 T. One-of-a-kind is also the coil cooling system, which allows for the most effective cooling and ensures the possibility of prolonged therapy times, even when set to values causing the highest possible load on the device.

This product, the methods of its manufacture and the use are covered by one or more US and foreign patents or pending patent applications.



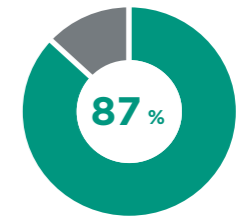
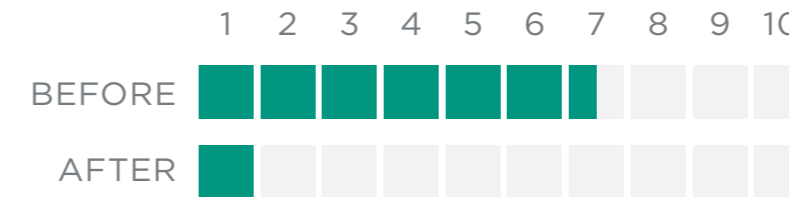
# FREQUENCY-SPECIFIC PAIN MANAGEMENT

Wide range of frequencies assures that the BTL Super Inductive System can be indicated for all stages of painful conditions. Their management is based on three different pain control theories. Each of them varies in frequency spectrum. Therefore the SIS therapy leads to immediate relief at all stages of disorders, whether chronic or acute.

# CLINICALLY PROVEN WITH EVIDENT RESULTS

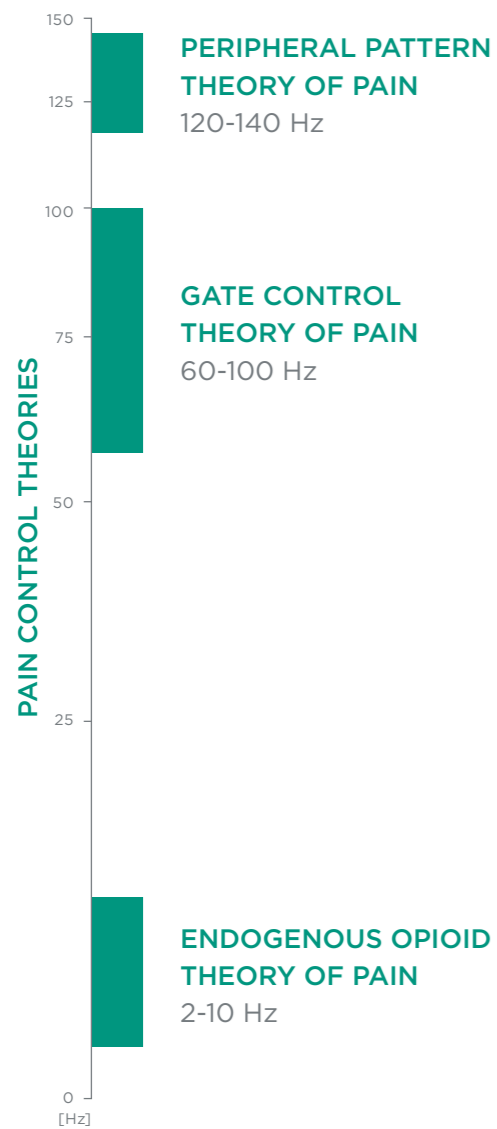
**PAIN REDUCTION DEMONSTRATED ON THE VISUAL ANALOGUE SCALE**

**IMPROVEMENT DESCRIBED BY 87 % OF THE PATIENTS**



Graphics show pain reduction after 5 to 10 therapies with the BTL Super Inductive System. Results are demonstrated on the Visual Analogue Scale. 87 % of the participants described decrease of pain.\*

\*KAZALAKOVA, Krasimira: Repetitive Peripheral Magnetic Stimulation as Pain Management Solution in Musculoskeletal and Neurological Disorders - A Pilot Study



# OTHER MEDICAL EFFECTS

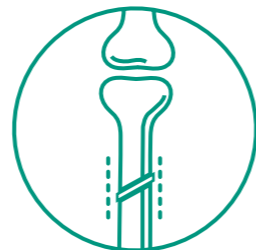
## JOINT MOBILIZATION

Joint mobilization is achieved through repetitive contractions of the muscles surrounding the joint capsule. This repetitive contraction substitutes manual joint mobilization, which leads to joint play restoration.



## FRACTURE HEALING

The high-intensity electromagnetic field enhances blood circulation in the affected area and supports formation of the vascular and cartilage callus. Consequently progressive cartilage mineralization and bone remodeling are initiated.



## MYOSTIMULATION

Interaction of the electromagnetic field within neuromuscular tissue, results in nerve depolarization and muscle contractions. Based on the selected stimulation frequency, muscle facilitation or strengthening can be achieved.

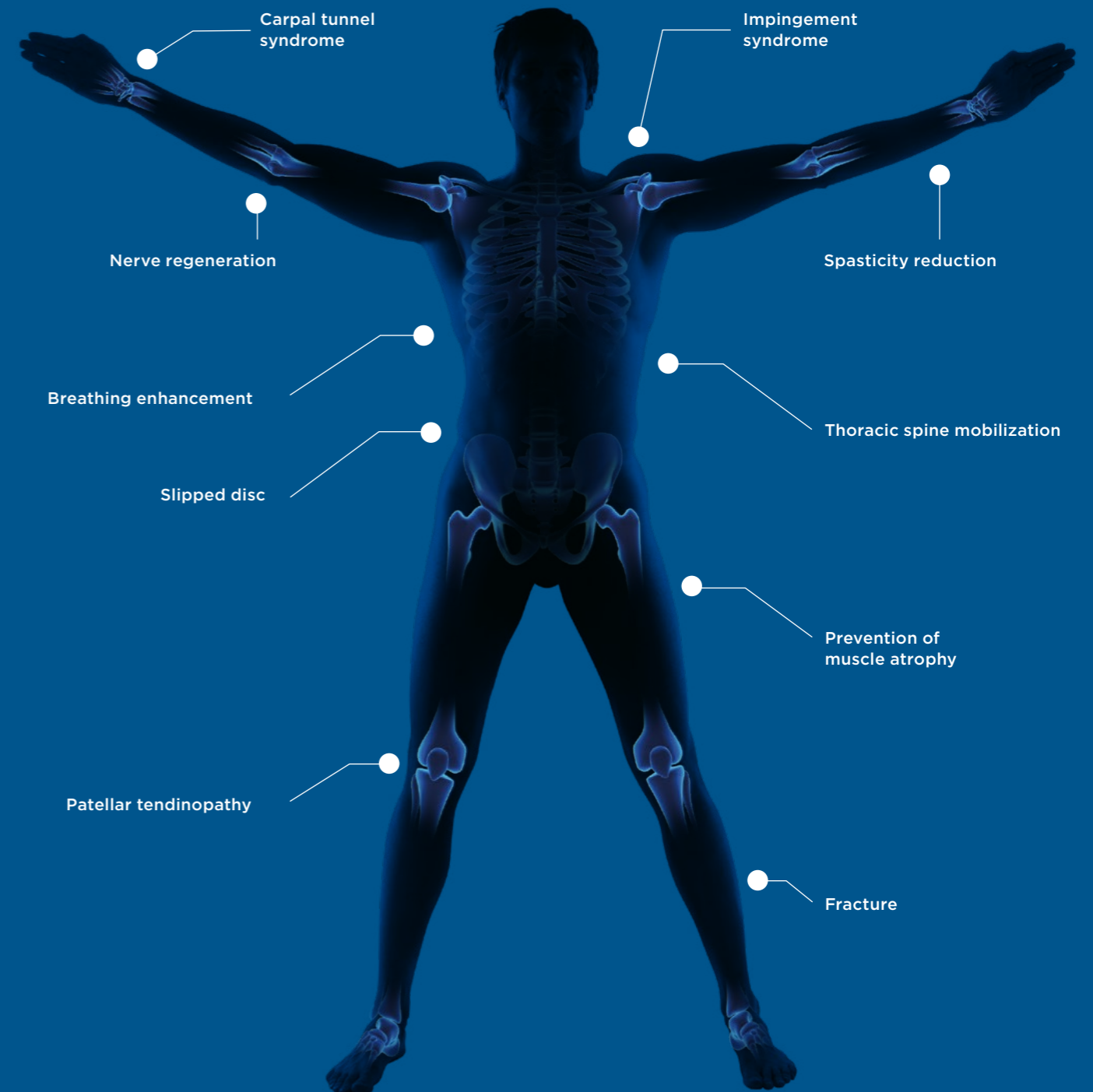


## SPASTICITY REDUCTION

Inhibition of an increased muscle tone is achieved through affecting the spinal level of muscle tone control. This mechanism is indicated for treatment of central motor impairment, in which spasticity occurs.



# MOST COMMON INDICATIONS



# BTL-6000

## SUPER INDUCTIVE SYSTEM

### BTL-6000 SUPER INDUCTIVE SYSTEM ELITE

- Frequency up to 150 Hz
- Intensity up to 2.5 Tesla
- Patented applicator technology
- 8.4" colour touch screen

### FEATURES & BENEFITS

- QUICK protocols
- Body Parts navigation
- Patient database
- Preset protocols and therapeutic encyclopaedia
- Variable six-joint arm
- Pulse quality monitor
- Trolley



**Touch operation**  
Intuitive operation with colour touch screen (8.4")

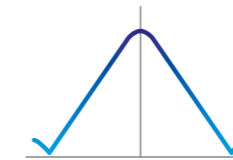


**Six-joint arm**  
Easy applicator positioning

# THE APPLICATOR

### ELECTROMAGNETIC FIELD DISTRIBUTION

The electromagnetic field emitted by the Super Inductive System applicator ensures precise therapy targeting into areas localized deep within the tissue, while delivering intensities of up to 2.5 T.



Visualization of the electromagnetic field distribution on the applicator surface



- **PRECISE TARGETING**
- **IN-DEPTH REACH**

### TECHNICAL SPECIFICATIONS OF THE BTL-6000 SUPER INDUCTIVE SYSTEM

Model	BTL-6000 SUPER INDUCTIVE SYSTEM ELITE
Part number	P6000.901
User interface	8.4" colour touch screen
QUICK protocols	•
Body Parts navigation	•
Preset protocols	•
User-defined protocols	•
Patient database	•
Intensity	up to 2.5 T (max. dB/dt 28 kT/s)
Frequency	up to 150 Hz
Dimensions	500 × 970 × 580 mm
Weight	33 kg
Mains supply	100-240 V AC, 50-60 Hz
Standard accessories	Six-joint arm, applicator