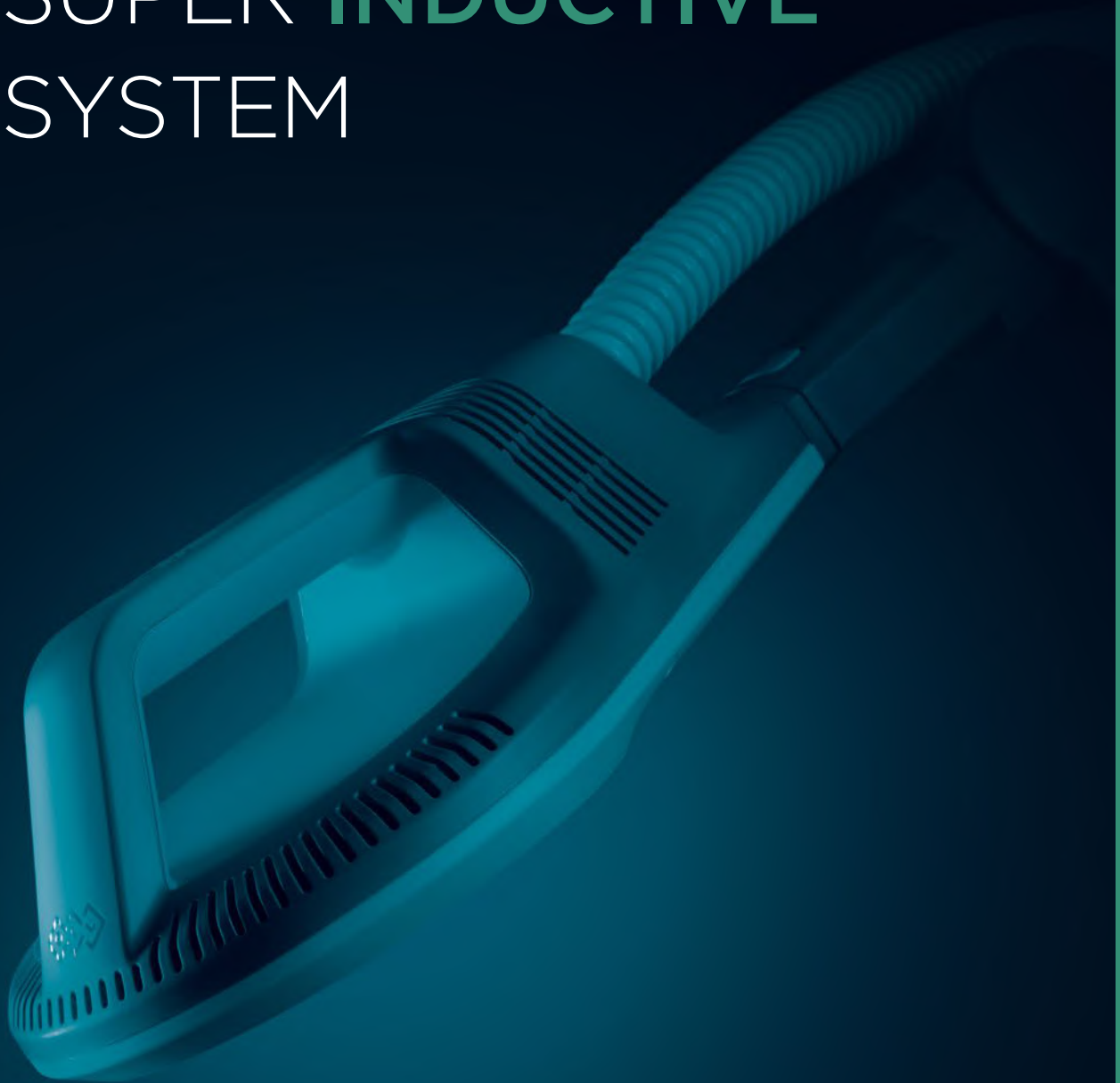




SUPER **INDUCTIVE** SYSTEM



SUPER INDUCTIVE SYSTEM

CUTTING-EDGE TECHNOLOGY

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.

CONTENT

Introduction	1
Mechanism of action	4
Pain management	6
Other medical effects	8
Most common indications	9
BTL-6000 Super Inductive System	12
Focused field applicator	13
Patented technology	14
Therapy highlights	18
Technical parameters	20



sales@btlnet.com
www.btlnet.com

All rights reserved. Although every care has been taken to provide accurate and up-to-date information, no responsibility can be accepted for any mistakes or misprints contained in this catalogue. The products and their specifications, as shown in this catalogue, may differ according to the country where they are sold.

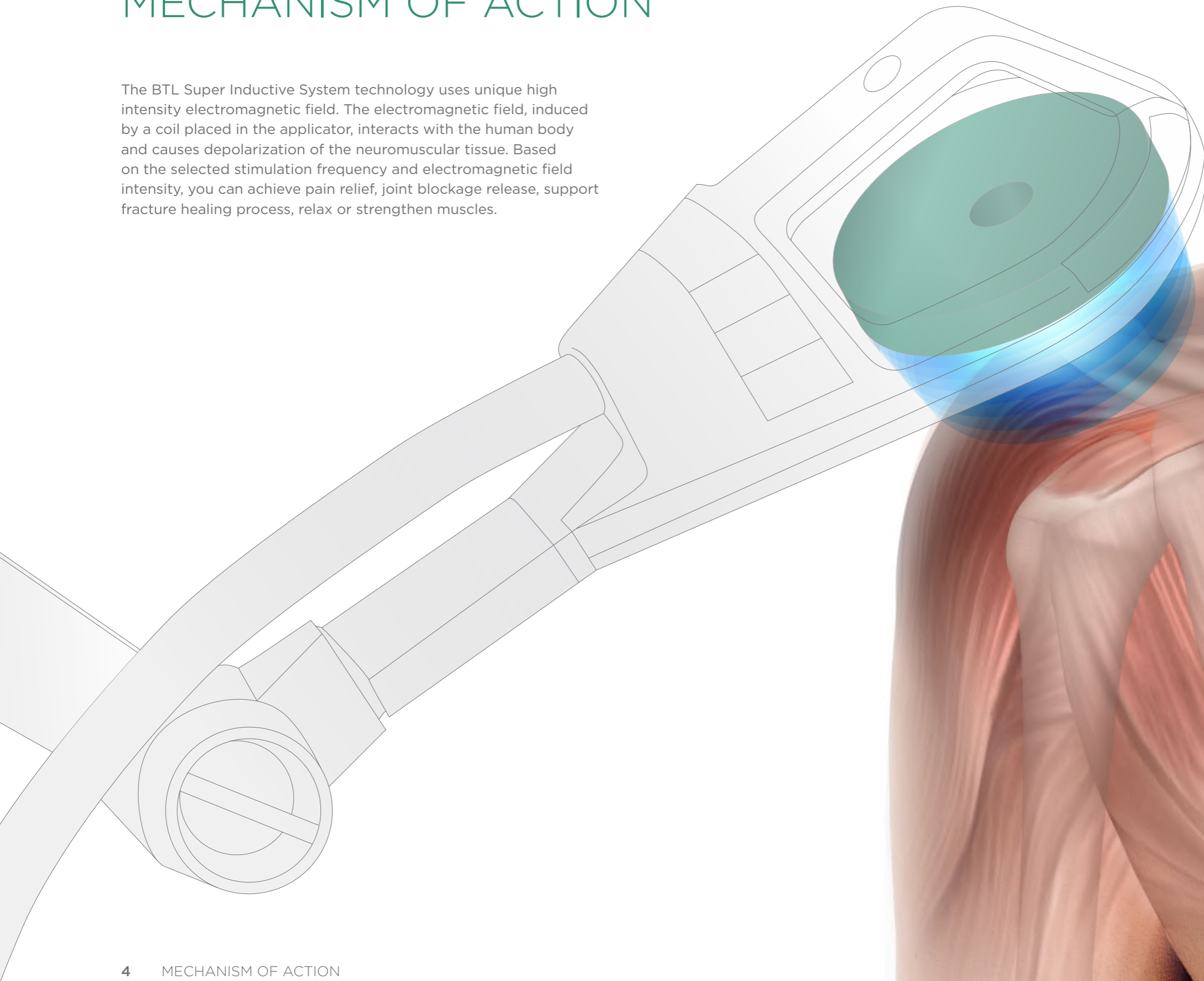
OUTSTANDING THERAPY RESULTS



SUPER INDUCTIVE SYSTEM

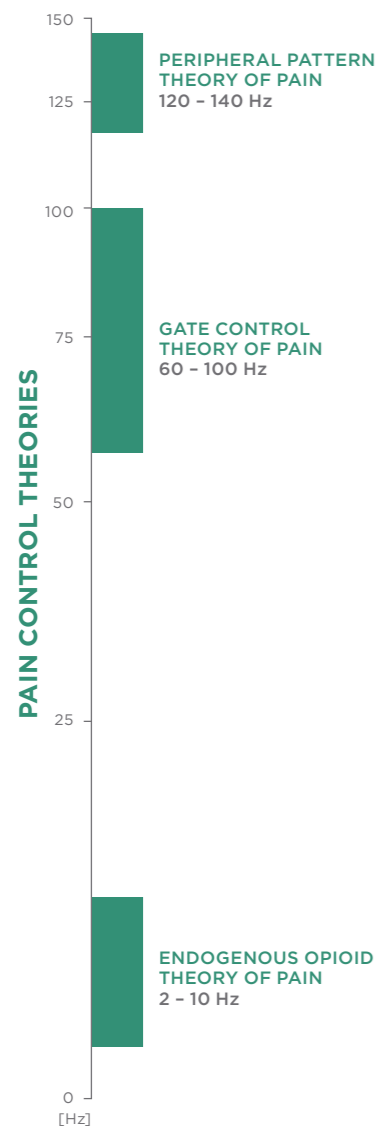
MECHANISM OF ACTION

The BTL Super Inductive System technology uses unique high intensity electromagnetic field. The electromagnetic field, induced by a coil placed in the applicator, interacts with the human body and causes depolarization of the neuromuscular tissue. Based on the selected stimulation frequency and electromagnetic field intensity, you can achieve pain relief, joint blockage release, support fracture healing process, relax or strengthen muscles.



FREQUENCY-SPECIFIC PAIN MANAGEMENT

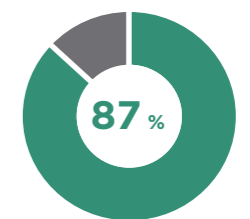
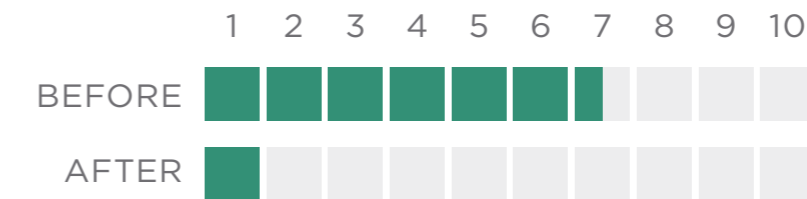
Wide range of frequencies assures that the BTL Super Inductive System can be indicated for all stages of painful conditions. Their management is based on three different pain control theories. Each of them varies in frequency spectrum. Therefore the SIS therapy leads to immediate relief at all stages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

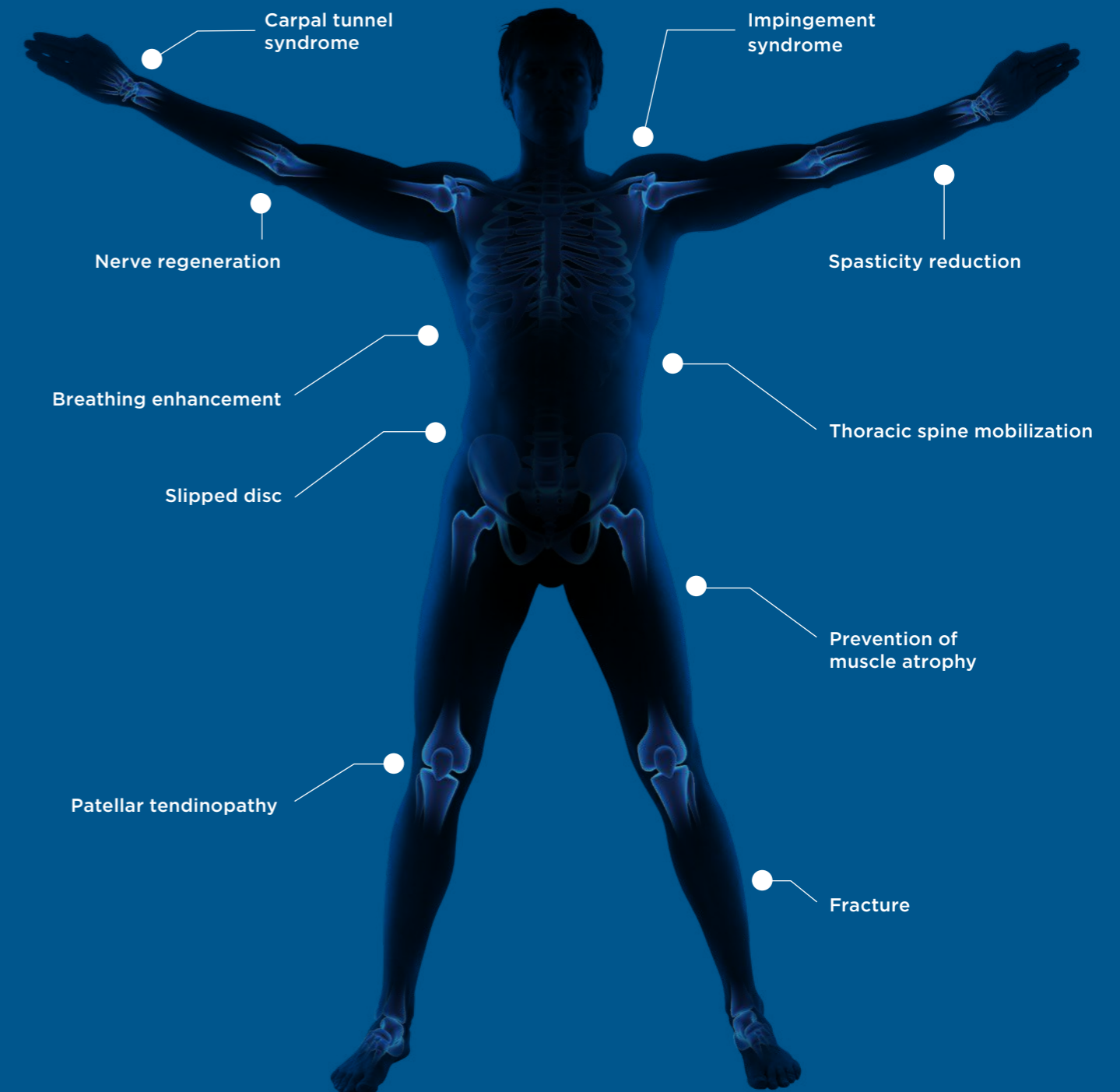
Interaction of the electromagnetic field within neuromuscular tissue, results in nerve depolarization and muscle contractions. Based on the selected stimulation frequency, muscle facilitation or strengthening can be achieved.



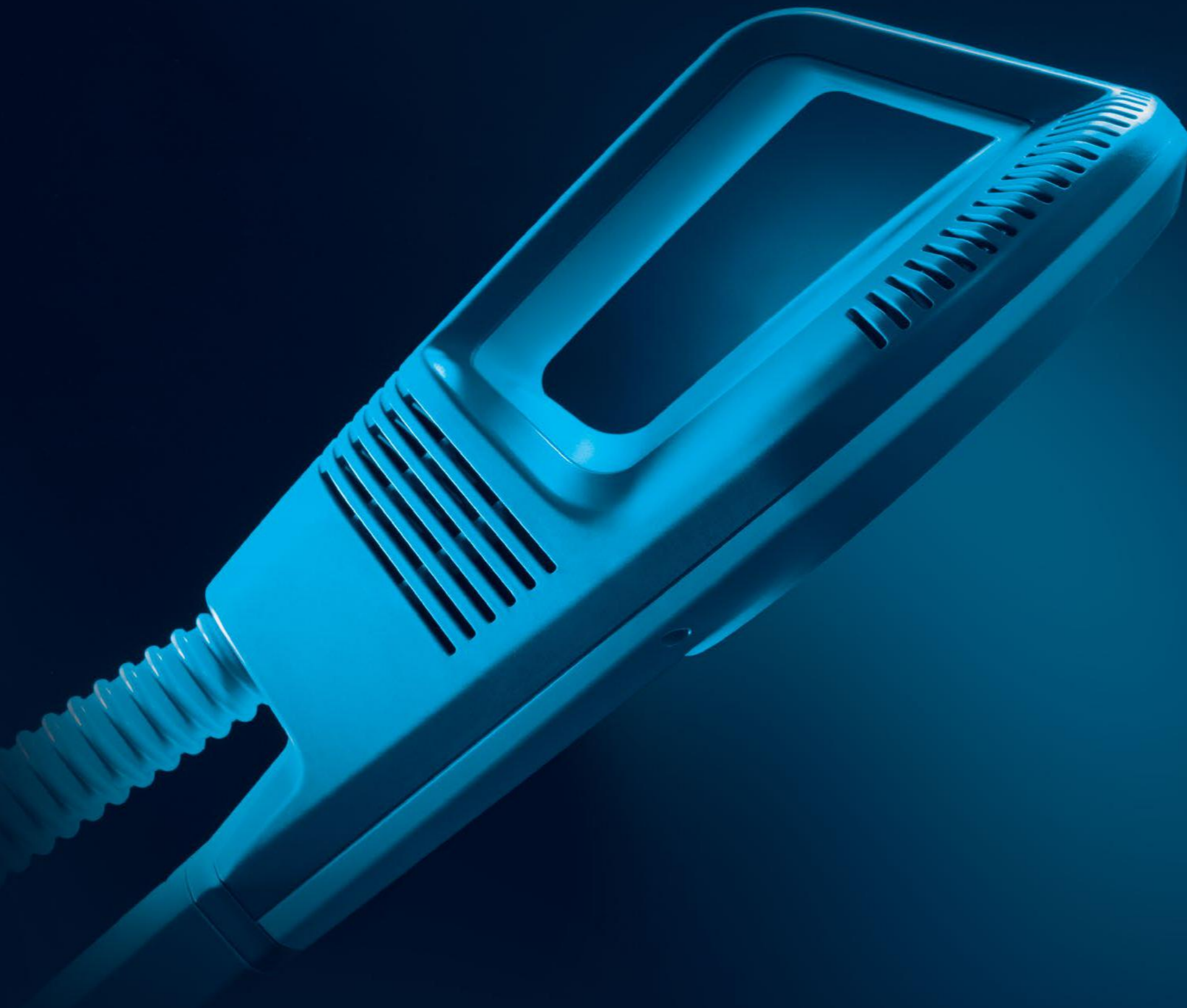
SPASTICITY REDUCTION

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



DEVELOPED
BY ENGINEERS,
DESIGNED
FOR YOU



BTL-6000

SUPER INDUCTIVE SYSTEM

BTL-6000 SUPER INDUCTIVE SYSTEM ELITE

- Frequency up to 150 Hz
- Intensity up to 2.5 Tesla
- Focused field applicator
- 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

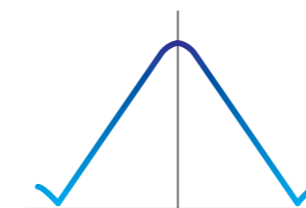
FOCUSED FIELD APPLICATOR



- PRECISE TARGETING
- IN-DEPTH REACH

ELECTROMAGNETIC FIELD DISTRIBUTION

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



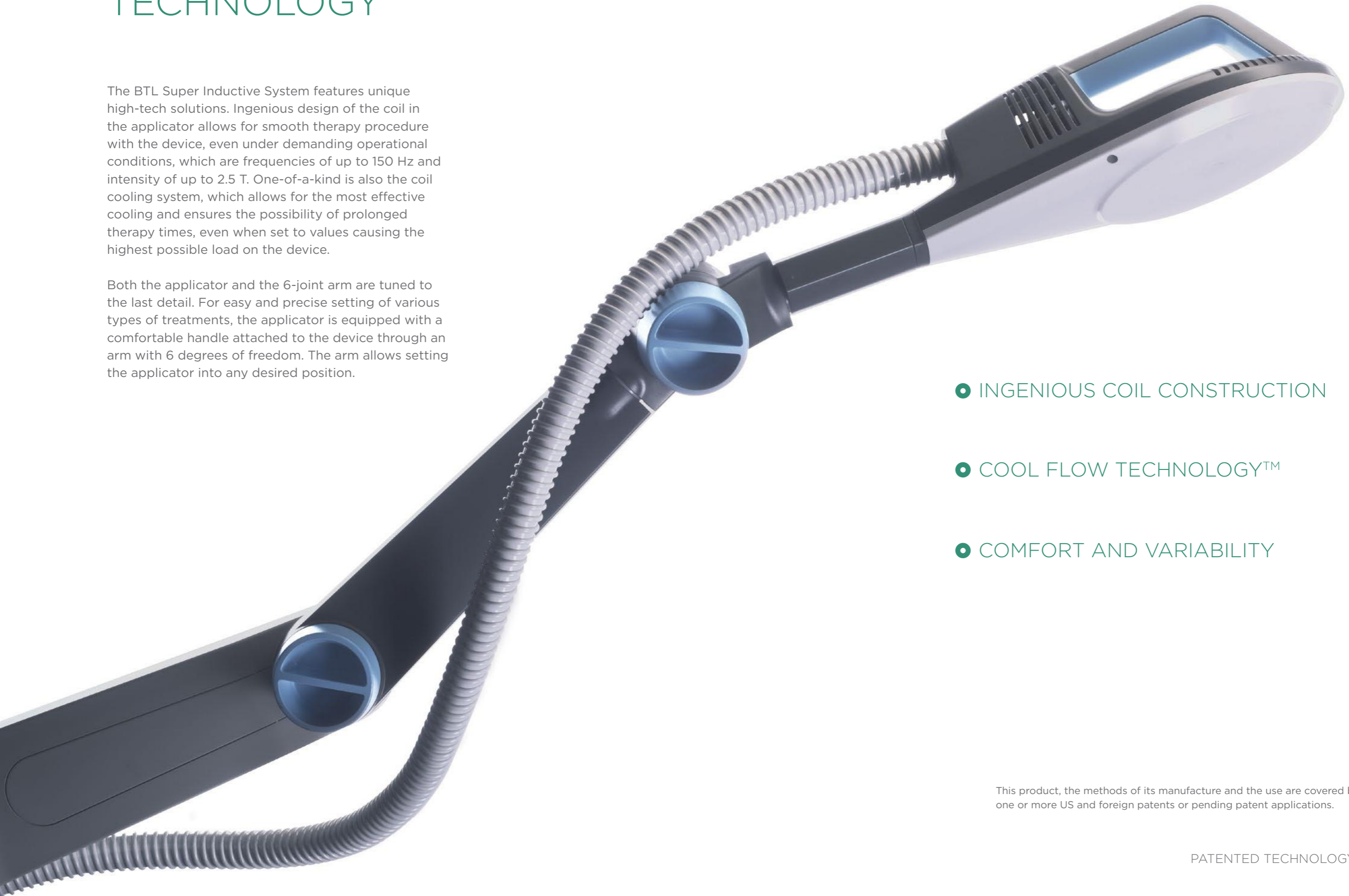
Visualization of the electromagnetic field distribution on the applicator surface



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.

Both the applicator and the 6-joint arm are tuned to the last detail. For easy and precise setting of various types of treatments, the applicator is equipped with a comfortable handle attached to the device through an arm with 6 degrees of freedom. The arm allows setting the applicator into any desired position.



- INGENUOUS COIL CONSTRUCTION
- COOL FLOW TECHNOLOGY™
- COMFORT AND VARIABILITY

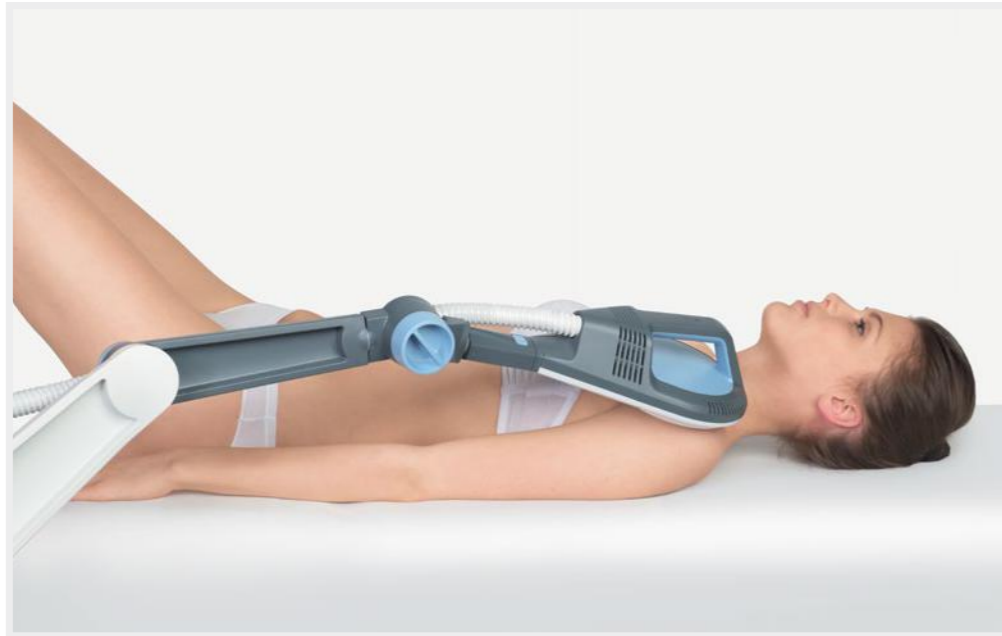
This product, the methods of its manufacture and the use are covered by one or more US and foreign patents or pending patent applications.

EFFORTLESS
TREATMENT
EXPERIENCE



THERAPY HIGHLIGHTS

THE THERAPY IS GENTLE TO THE PATIENT
AND EASILY SET BY THE OPERATOR



FOCUSED FIELD APPLICATOR ENSURES PRECISE
DELIVERY OF THE THERAPY



POSITION OF THE APPLICATOR IS ADJUSTABLE
TO ANY BODY PART



UNIQUE TECHNOLOGY SOLUTION GUARANTEES
IMMEDIATE THERAPEUTIC EFFECT



TECHNICAL PARAMETERS

TECHNICAL SPECIFICATIONS OF THE BTL-6000 SUPER INDUCTIVE SYSTEM

MODEL	BTL-6000 SUPER INDUCTIVE SYSTEM ELITE
Part number	P6000.901
Display	8.4" colour touch screen
QUICK protocols	Yes
Body Parts navigation	Yes
Preset protocols	Yes
User therapeutic protocols	Yes
Patient database	Yes
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, focused field applicator



