

A person is shown from the back, receiving a treatment. A hand is holding a white, handheld device with a coiled cable, applying it to the person's back. Another hand is visible on the left, touching the person's shoulder. The entire scene is bathed in a blue light. The text 'TARGETED RADIOFREQUENCY THERAPY' is written in large, bold, teal letters, and 'NEW ERA IN TISSUE HYPERTHERMY' is written in white, all-caps letters below it.

**TARGETED
RADIOFREQUENCY
THERAPY**
NEW ERA IN TISSUE
HYPERTHERMY

TARGETED RADIOFREQUENCY THERAPY

MECHANISM OF ACTION

The BTL-6000 TR-Therapy transfers high frequency electromagnetic energy through the tissues of the body creating selective tissue hyperthermy. It has been scientifically proven to bring therapeutic effects such as immediate and intense pain relief, muscle relaxation, edema reduction and supporting tissue regeneration and healing.

MEDICAL EFFECTS

MUSCLE RELAXATION

The precise and aimed effect of the Targeted Radiofrequency Therapy on the hypertonic muscle fibers causes their immediate relaxation. The effect of myorelaxation is primarily based on vasodilation, which occurs immediately during the therapy and is responsible for higher supply of nutrients into the tissue.

TISSUE REGENERATION AND HEALING

The improvement of tissue metabolism is a natural and valuable secondary outcome of the therapy. It leads to faster healing of the traumatized soft tissue and faster resorption of post-injury hematomas.

EDEMA REDUCTION

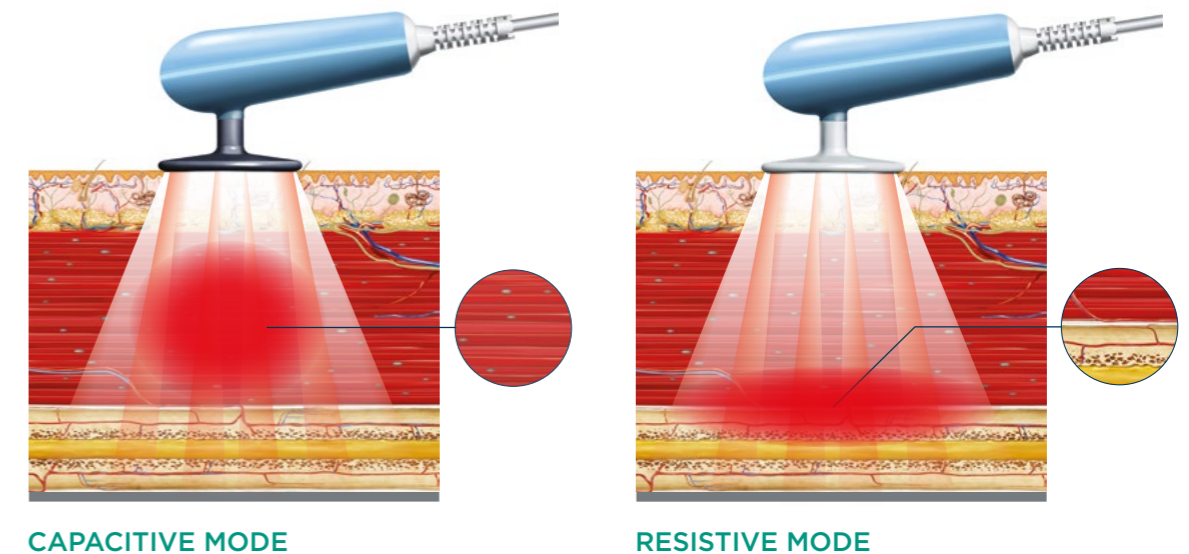
The walls of the arterioles are enlarged and the precapillary sphincters relaxed, allowing increased local blood perfusion. This leads to an increase of the lymphatic processes (drainage) and subsequently to reduction of the edema.

PAIN RELIEF

The principal effect of the Targeted Radiofrequency Therapy—the pain relief—results from muscle relaxation, edema reduction, tissue regeneration and healing.

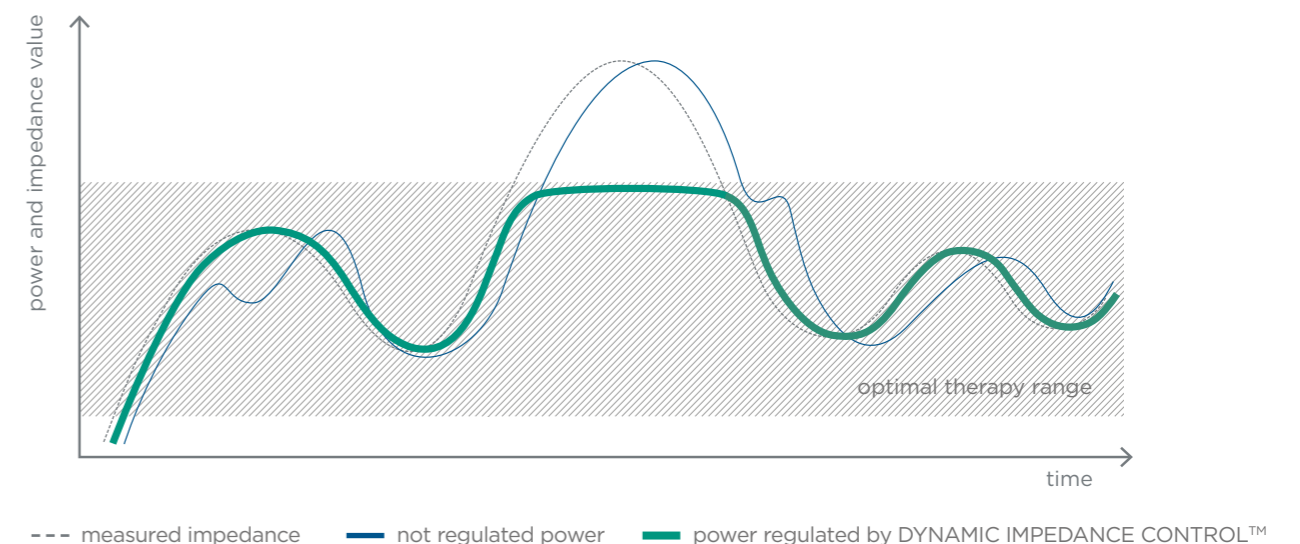
EXCEPTIONAL TISSUE SELECTIVITY

Two different electrodes (capacitive and resistive) of the Targeted Radiofrequency Therapy provide precise and effective treatment at any tissue level. The capacitive electrode focuses the therapy into muscle layers. The resistive electrode targets tissue with higher impedance such as muscular insertions, tendons and bone surfaces.

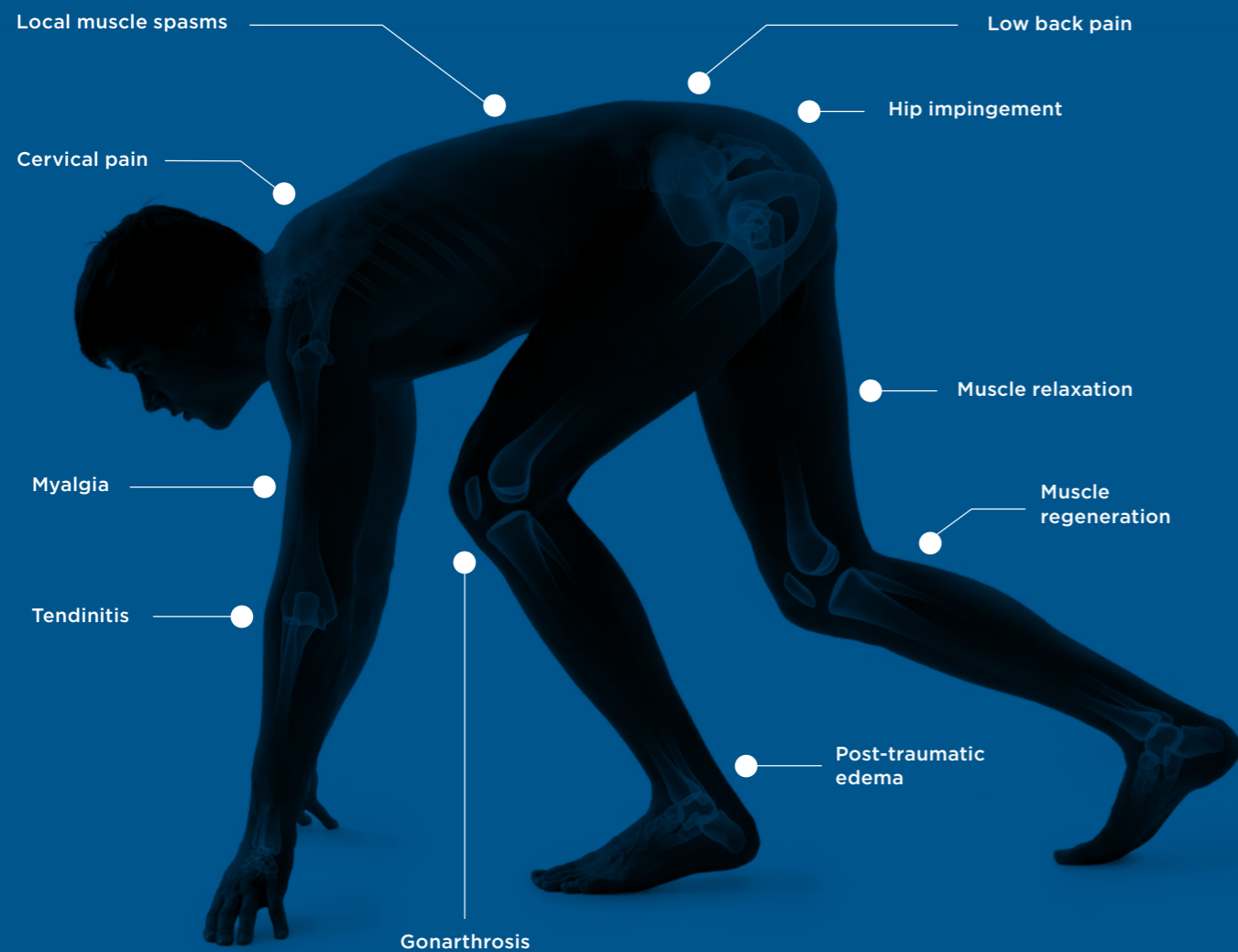


DYNAMIC IMPEDANCE CONTROL™

Dynamic Impedance Control™ automatically regulates power throughout the Targeted Radiofrequency Therapy. The impedance of the tissue is measured during the whole therapy. The power is modulated to fit the exact characteristics and conditions of the treated tissue. Since the peak values are regulated at the same time, the tissue is evenly heated regardless of its immediate impedance.



MOST COMMON INDICATIONS



TR-THERAPY CONCEPT

The Targeted Radiofrequency Therapy delivers a new concept, allowing for effective combination of the therapist's unique skills with physical modality. The effect of the therapy is significantly improved through this simultaneous action and the therapy brings instant and long-lasting results.

TR-THERAPY MASSAGE TECHNIQUE

The Targeted Radiofrequency Therapy, in combination with soft tissue techniques, enhances the therapeutic effect by increasing the blood perfusion and the nutrient, oxygen and defence-agent supply of the treated tissue. The combination, used for reflexively caused muscular hypertonus, leads to its faster and easier relief.



TR-THERAPY PASSIVE MOTION TECHNIQUE

The Targeted Radiofrequency Therapy helps relieve trigger points and muscle spasms that prevent regaining the full range of joint movement. For example use of the Targeted Radiofrequency Therapy in combination with passive stretching of the shortened structures leads to their relaxation and immediately broadens the range of motion in the given segment.



TR-THERAPY MUSCLE ACTIVATION TECHNIQUE

Combining the Targeted Radiofrequency Therapy and isometric or isotonic muscle contraction focuses the hyperthermy into the contracted muscle. Delivered radiofrequency energy facilitates these muscle fibers and leads to their incorporation in the performed muscle stereotypes.



SUPERIOR APPLICATOR TECHNOLOGY

The core of the Targeted Radiofrequency Therapy system lies in its ergonomically designed applicator with the latest functional features. The applicator allows various types of grip for different application techniques, while the applicator's surface is made of soft and dirt-resistant material for comfortable and pleasant use. Other special features, such as audiovisual contact control and plastic insulation of the electrodes continuously make the therapist's work more effective and safe.

- **ENHANCED OPERATOR SAFETY**
- **AUDIOVISUAL CONTACT CONTROL**
- **EXCEPTIONAL TISSUE SELECTIVITY**



VARIOUS HANDLING TECHNIQUES



BTL-6000 TR-THERAPY ELITE

BTL-6000 TR-THERAPY ELITE

- 320 W power
- 8.4" colour touch screen

FEATURES & BENEFITS

- QUICK protocols
- Body Parts navigation
- Patient database
- Preset protocols and therapeutic encyclopaedia
- Ergonomic applicators with audiovisual contact control
- Tissue selectivity with capacitive and resistive mode
- Continuous and pulsed therapy options
- Static application option
- Dynamic Impedance Control™
- Trolley*

*optional



Capacitive applicator
Ergonomic applicator with audiovisual contact control



Resistive applicator
Ergonomic applicator with audiovisual contact control



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

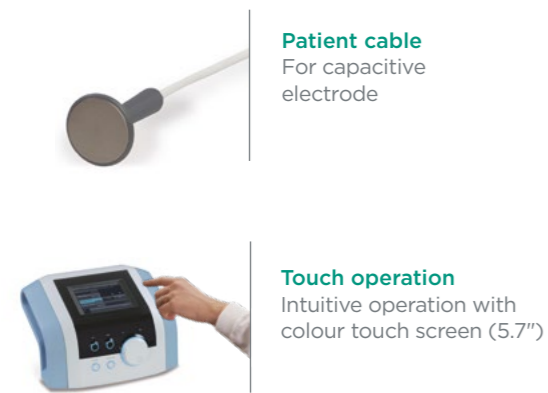
BTL-6000 TR-THERAPY PRO

BTL-6000 TR-THERAPY PRO

- 150 W power
- 5.7" colour touch screen

FEATURES & BENEFITS

- Preset protocols and therapeutic encyclopaedia
- Tissue selectivity with capacitive and resistive mode
- Continuous and pulsed therapy options
- Dynamic Impedance Control™
- Trolley*



Patient cable
For capacitive electrode

Patient cable
For resistive electrode

Touch operation
Intuitive operation with colour touch screen (5.7")

TECHNICAL SPECIFICATIONS OF THE BTL-6000 TR-THERAPY

Model	BTL-6000 TR-THERAPY ELITE	BTL-6000 TR-THERAPY PRO
Part number	P6000.501	P6000.502
User interface	8.4" colour touch screen	5.7" colour touch screen
QUICK protocols	•	
Body Parts navigation	•	
Preset protocols	•	•
User-defined protocols	•	
Patient database	•	•
Maximum power	320 W	150 W
Operating frequency	480-520 kHz	
Modes	Continuous, pulsed	
Outputs	For capacitive/resistive/neutral electrode	
Capacitive electrodes	4 sizes (20, 30, 50, 70 mm)	
Resistive electrodes	4 sizes (20, 30, 50, 70 mm)	
Neutral electrode	Metallic (160×240 mm)	
Dimensions	320×190×280 mm	
Weight	5 kg	
Mains supply	100-240 V AC, 50-60 Hz	
Standard accessories	Capacitive applicator, resistive applicator, 4 capacitive electrodes, 4 resistive electrodes, 1 neutral electrode, RF cream 1 l, 2 applicator holders	Patient cable for capacitive electrode, patient cable for resistive electrode, 2 patient cable holders, 4 capacitive electrodes, 4 resistive electrodes, 1 neutral electrode, RF cream 1 l

*optional

Optional accessories

Part number P6000.211	Plastic trolley	Part number P6000.519	Patient cable (for capacitive electrode)
Part number P6000.521	Adhesive neutral electrode	Part number P6000.539	Patient cable (for resistive electrode)
Part number P6000.210	Transportation case	Part number P6000.511	Set of capacitive electrodes (4 sizes 20, 30, 50, 70 mm)
Part number P6000.520	RF cream	Part number P6000.531	Set of resistive electrodes (4 sizes 20, 30, 50, 70 mm)
Part number P6000.523	Adhesive electrode for static application	Part number P6000.512	Capacitive electrode 20 mm
Part number P2000.002	Holder for RF cream for Plastic trolley	Part number P6000.513	Capacitive electrode 30 mm
Part number P6000.542	Holder for neutral electrode for Plastic trolley	Part number P6000.515	Capacitive electrode 50 mm
Part number P6000.541	Set of holders for the applicators	Part number P6000.517	Capacitive electrode 70 mm
Part number P6000.540	Set of holders for the patient cables	Part number P6000.532	Resistive electrode 20 mm
Part number P6000.524	Patient cable for static application	Part number P6000.533	Resistive electrode 30 mm
Part number P6000.529	Patient cable for neutral electrode	Part number P6000.535	Resistive electrode 50 mm
Part number P6000.510	Capacitive applicator	Part number P6000.537	Resistive electrode 70 mm
Part number P6000.530	Resistive applicator		

