

# SHOCKWAVE THERAPY

FAST PAIN RELIEF  
AND MOBILITY  
RESTORATION



# SHOCKWAVE THERAPY

## FAST AND PERMANENT RELIEF FROM PAIN

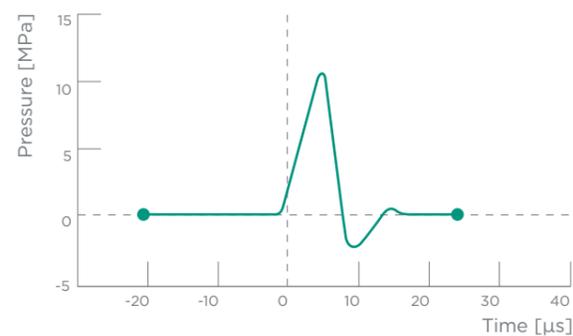
- Unique, non-invasive solution for musculoskeletal pain
- Just three to four treatments needed at weekly intervals
- A therapy session only takes about 10 minutes

## FIELDS OF APPLICATION

- Orthopedics
- Rehabilitation
- Sports medicine

## MECHANISM OF ACTION

A shockwave is an acoustic wave which carries high energy to painful spots and musculoskeletal tissues with subacute, subchronic and chronic conditions. The energy promotes regenerating and reparative processes of the tendons and other soft tissues.



Shockwaves are characterized by jump change in pressure, high amplitude and non-periodicity.



The kinetic energy of the projectile, created by compressed air, is transferred to the transmitter at the end of the applicator.

## ANALGESIC EFFECT

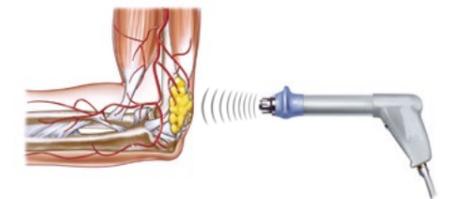
### DECREASE OF MUSCLE TENSION, INHIBITION OF SPASMS

Hyperaemia is one of the basic effects of Shockwave therapy in the body. It provides better energy supply to hypertonic muscles and their ligamentous structures. Furthermore, it causes lessening of pathological interactions between actin and myosin. This leads to significant reduction of muscle tension.



### ENHANCED DISPERSION OF SUBSTANCE P

The activity of Substance P (a pain mediator and growth factor) leads to stimulation of afferent nociceptive fiber. It also supports development of edema and supports secretion of histamine. Reduction of substance P concentration reduces pain in the affected area and decreases the development of edema.



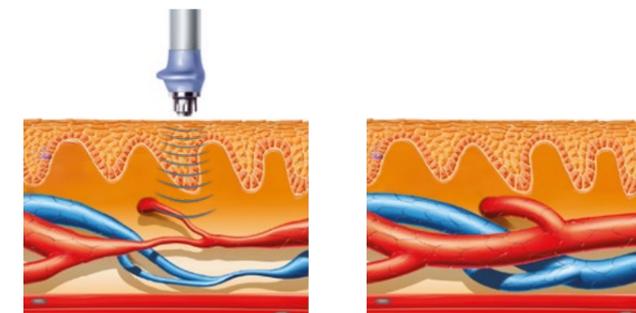
## ACCELERATION OF HEALING

### INCREASE OF COLLAGEN PRODUCTION

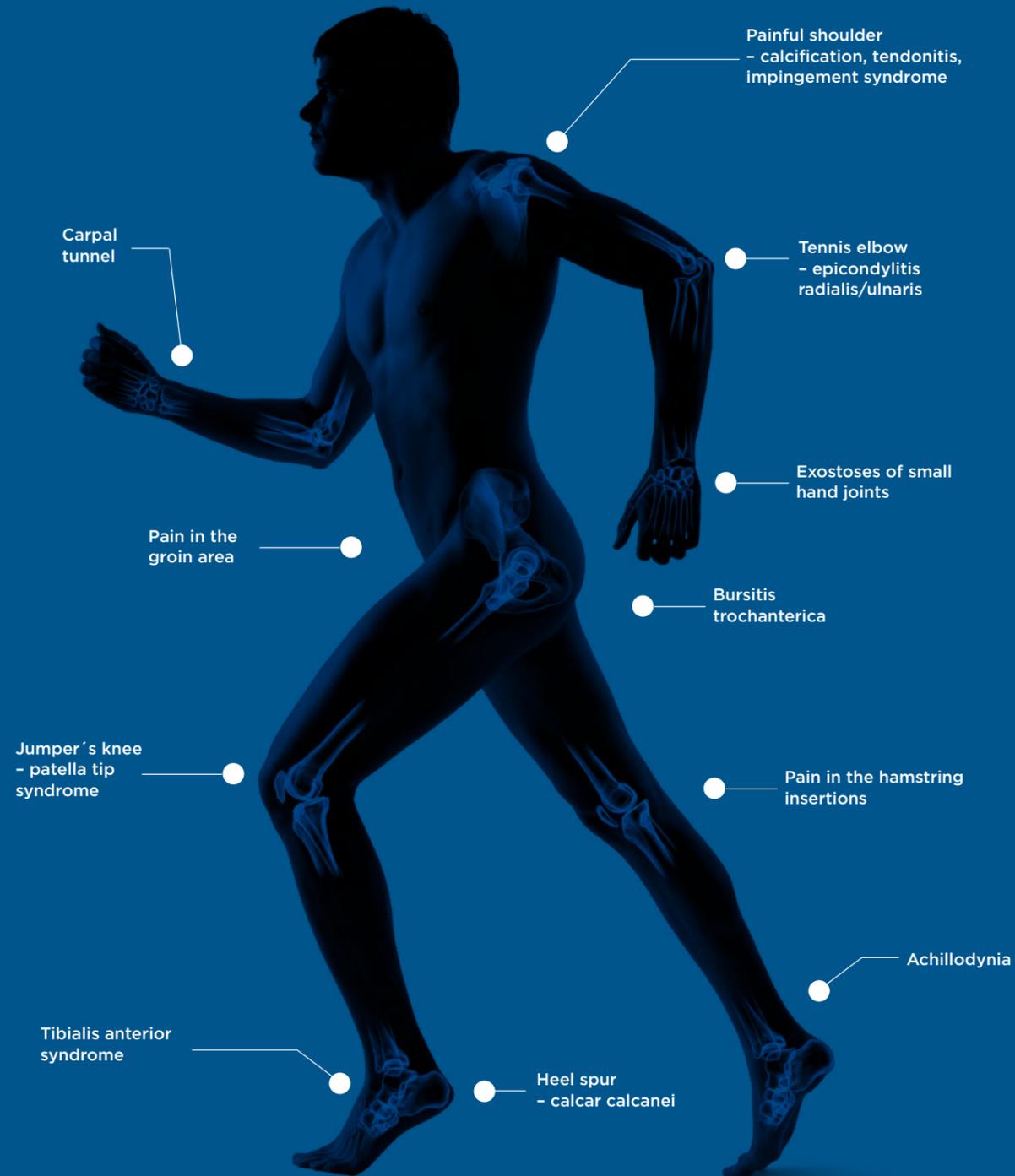
Production of a sufficient amount of collagen is a necessary precondition for the repair processes of the damaged musculoskeletal and ligamentous structures.

### IMPROVED METABOLISM AND MICROCIRCULATION

The Shockwave therapy technology accelerates removal of nociceptive metabolites, increases oxygenation and supplies damaged tissue with source of energy. It supports removal of histamine, lactic acid and other irritating agents.



# MOST COMMON INDICATIONS



# SHOCKWAVE THERAPY TRANSMITTERS

## STANDARD TRANSMITTERS

Name	MECHANISM	CHARACTERISTICS	MAIN INDICATIONS
15 MM FOCUSED TRANSMITTER		Steel focused transmitter	Targeted applications
9 MM MULTIFOCUSED TRANSMITTER		Small diameter transmitter	Acupuncture points and precise applications
15 MM MULTIFOCUSED TRANSMITTER		Steel multi-focused transmitter	For all types of applications

## SPECIALIZED TRANSMITTERS

Name	MECHANISM	CHARACTERISTICS	MAIN INDICATIONS
15 MM MULTIFOCUSED TITANIUM TRANSMITTER		50% more energy and deeper tissue penetration	All deep-located pathologies
9 MM MULTIFOCUSED TRIGGER TRANSMITTER		Special prolonged shape	Deep-lying trigger points
20 MM VIBRATING TRANSMITTER		Combination of shockwaves and vibration	Soft tissue therapy
36 MM VIBRATING TRANSMITTER		Combination of shockwaves and vibration	Soft tissue therapy of large area applications

## TRANSMITTERS WITH SANITARY COVERS\*

Name	MECHANISM	CHARACTERISTICS	MAIN INDICATIONS
20 MM TRANSMITTER WITH SANITARY COVER		Sanitary cover for hygienic and comfortable treatment	Sensitive areas Lower energy transfer allows higher therapy comfort
20 MM TITANIUM TRANSMITTER WITH SANITARY COVER		Up to 50% more energy and more profound penetration depth with sanitary cover	Sensitive areas Titanium maximizes shockwave energy transfer

# BTL-5000 SWT POWER

## THE MOST POWERFUL SHOCKWAVE

### BTL-5000 SWT POWER

- High pressure up to 5 bars
- High frequency up to 22 Hz

### FEATURES & BENEFITS

- Touch operation - intuitive operation with colour touch screen (8.4")
- Easy-to-use by any therapist - therapeutic encyclopaedia with colour anatomical images, user-defined protocols for experienced users
- Ergonomic applicator for comfortable use - ergonomically designed by users
- Burst mode - for extra-sensitive patients
- Modular system - up to 4 therapies in a single device



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



**Ergonomic applicator for comfortable use**  
Ergonomically designed by users

# BTL-6000 SWT TOPLINE

## THE STRONGEST PORTABLE SHOCKWAVE

### BTL-6000 SWT TOPLINE POWER

- Pressure up to 5 bars
- Frequency up to 20 Hz

### FEATURES & BENEFITS

- Touch operation - intuitive operation with colour touch screen (5.7")
- Compact and portable - only 7 kg including the built-in compressor
- Easy-to-use by any therapist - therapeutic encyclopaedia with colour anatomical images, user-defined protocols for experienced users
- Ergonomic applicator - ergonomically designed by users



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



**Ergonomic applicator for comfortable use**  
Ergonomically designed by users



**Compact and portable**  
Only 7 kg including the built-in compressor

# BTL-6000 SWT EASY COMPACT & EASY TO USE DEVICE

## BTL-6000 SWT EASY

- Pressure up to 4 bars
- Frequency up to 15 Hz

## FEATURES & BENEFITS

- User-friendly operation with LED interface, 7 preset protocols, adjustment of the parameters during the course of the therapy
- Compact and portable - only 7 kg including the built-in compressor
- Ergonomic applicator - ergonomomy designed by users



**Ergonomic applicator  
for comfortable use**  
Ergonomomy designed by users



**Compact and portable**  
Only 7 kg including  
the built-in compressor

## TECHNICAL SPECIFICATIONS OF BTL-5000 & BTL-6000 SWT

Model	BTL-5000 SWT POWER	BTL-6000 SWT TOPLINE POWER	BTL-6000 SWT TOPLINE	BTL-6000 SWT EASY
Part number	P014.002	P6000.205	P6000.200	P6000.202
User interface	8.4" colour touch screen	5.7" colour touch screen	5.7" colour touch screen	LED interface
Preset protocols	27	27	27	7
User-defined protocols	•	•	•	
Max. pressure	up to 5 bars	up to 5 bars	up to 4 bars	up to 4 bars
Frequency	1-22 Hz	1-20 Hz	1-15 Hz	1-15 Hz
Mode	Single, continuous, burst, intensity gradient	Single, continuous, intensity gradient	Single, continuous, intensity gradient	Single, continuous
Intensity gradient mode	•	•	•	
EULM upgrade	•			
Dimensions	230 × 390 × 260 mm 330 × 220 × 300 mm (air compressor)		320 × 190 × 280 mm	
Weight: main unit/compressor	4.7-5.3 kg/20 kg		7 kg/-	
Mains supply	230 V AC, 50-60 Hz/ 115 V AC, 50-60 Hz		100-240 V AC, 50-60 Hz	
Standard accessories	SWT applicator with exchangeable kit Transmitters: 9, 15 mm multi-focused and 15 mm focused, 1 × exchangeable kit, trolley, gel 1000 ml		SWT applicator with exchangeable kit Transmitters: 9, 15 mm multi-focused and 15 mm focused, gel 300 ml	

### Optional accessories for BTL-5000 SWT

Part number P007.011	Gel 1000 ml
Part number P014.030	SWT transportation case (big)
Part number P014.031	SWT foot pedal to start/stop the treatment
Part number P5002.009	Trolley
Part number P014.015	Exchangeable kit

### Optional accessories for BTL-6000 SWT

Part number P014.015	Exchangeable kit
Part number P007.010	Gel 300 ml
Part number P6000.210	SWT transportation case (small)
Part number P2000.002	Holder for gel for the trolley
Part number P6000.211	Plastic trolley

### Additional accessories for all shockwave units

Part number P014.014	15 mm focused transmitter
Part number P014.016	9 mm multifocused transmitter
Part number P014.017	15 mm multifocused transmitter
Part number P014.059	20 mm vibrating transmitter
Part number P014.052	36 mm vibrating transmitter
Part number P014.050	15 mm multifocused titanium transmitter
Part number P014.051	9 mm multifocused trigger transmitter
Part number P014.053	20 mm titanium transmitter with sanitary cover*
Part number P014.054	20 mm transmitter with sanitary cover*
Part number P014.055	set of sanitary covers 20 mm (100 pcs)*

### SWT transmitters sets

Part number P014.056	Set of 2 transmitters
Part number P014.057	Set of 4 transmitters
Part number P014.058	Set of 6 transmitters*
Part number P014.060	Full set of transmitters*