



RADIAL PRESSURE WAVE THERAPY
ECONOMICAL TREATMENT
FOR MUSCULOSKELETAL DISORDERS

physiogold50[®]

FAST AND ECONOMIC PAIN RELIEF WITH **PHYSIOGOLD50**[®]

physiogold50 is a small, portable therapy system ideal for mobile use. The device consists of a main control unit, with an integrated air compressor and an applicator with a selection of three transmitter types (9 mm multi-focused, 15 mm multi-focused, 15 mm focused) for the treatment of a broad range of orthopaedic indications.

Radial Pressure Wave Therapy

Radial pressure wave therapy is a non-invasive operation method for the fast and economic treatment for a variety of musculoskeletal disorders, in the acute or chronic state.

Treatment with **physiogold50** provides a perfect supplement to physiotherapy and medication with virtually no side effects. Treatment does not require any anaesthesia and can be administered on an outpatient basis.

Operating Method

The acoustic energy is distributed radially through the skin into the underlying tissue, where it exerts its healing effect. Ultrasound gel is applied at the contact area so the acoustic energy can effectively reach the problematic zones.

An ergonomic and smart design offer simplicity to the user. The system is easily operated through an 8" LCD

touch screen and the pressure waves are released by use of a push button on the handheld applicator. **physiogold50** saves up to 250 protocols for convenient daily treatment routine.

Advanced technology provides high quality pressure waves meaning favourable treatment results in minimal time and, most importantly, satisfied patients.



RADIAL PRESSURE WAVE THERAPY FOR ORTHOPAEDIC INDICATIONS



Treatment with **physioGold50** can also be combined with MTS's **orthoGold100** therapy system, which opens up the ability to treat an even wider indication spectrum.

Tissue Regeneration with **physioGold50**®

Radial pressure wave therapy initiates numerous healing mechanisms within the tissue:

- Pain relief, analgesic effect
- Anti-inflammatory
- Angiogenesis and vascularisation; improved blood circulation
- Activation of cellular metabolism
- Decrease of muscle tension
- Acceleration of the healing process

The effectiveness of radial pressure wave therapy is clinically proven.

Application of pressure waves with **physioGold50**®

physioGold50 can be used in a variety of application fields such as orthopaedics, rehabilitation and sports medicine. Effective treatment requires minimal application preparation and is easily administered:

1. Locate area of pain through palpation
2. Select and set treatment parameters
3. Apply coupling gel onto the treatment area
4. Apply pressure waves on treatment area as is required for indication being treated

physioGold50® Equipment

- Light and handy with integrated air compressor
- Intuitive and easy to operate via 8" LCD touch screen
- Multi-focused transmitter \varnothing 9 mm and \varnothing 15 mm, focused transmitter \varnothing 15 mm
- Internal storage up to 250 treatment protocols

Indications

- > Elbow: epicondylitis, medial epicondylitis
- > Shoulder: insertional tendinitis, impingement
- > Knee: tendinopathy of the patellar tendon and pes anserinus
- > Groin: adductor tendinopathy (pubic)
- > Ankle: tendinopathy of the Achilles tendon, calcaneal apophysis



physiogold50®

TECHNICAL DATA

Dimensions:	45 x 16 x 39 cm
Weight:	9,80 kg
Power Supply:	230 VAC / 50 Hz - 60 Hz
Energy Flux Density (EFD):	Max. 0.37 mJ / mm ²
Shock Emission Pressure:	1.5 - 5 bar
Frequency:	1 - 20 Hz
Multi-focused Transmitter:	ø 9 mm, ø 15 mm
Focused Transmitter:	ø 15 mm

MTS Medical specialises in the research, development and manufacturing of Spark Wave® Therapy systems. Our therapy systems are successfully used worldwide in the healthcare fields of orthopaedics, physiotherapy, traumatology, urology, wound care and aesthetics. MTS therapy systems utilize MTS's own patented Spark Wave® Technology, which guarantees the most effective shock waves for pain-free, high quality treatment as well as quick and excellent treatment results.

Let yourself be convinced by the Spark of Evidence.



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MADE IN



GERMANY

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