

## MASTERPULS® MP200 HIGH FREQUENCY RADIAL SHOCK WAVE THERAPY



## Non-invasive therapy for people

### Our objective

Better therapies through new technologies. Established in 1987, STORZ MEDICAL AG is a Swiss member company of the KARL STORZ Group. The objective pursued by our physicists and engineers is to conduct ongoing research into shock wave technology and to develop new system concepts. Our products have proved their efficacy all over the world in the fields of urology, orthopaedics, rehabilitation, gastroenterology, cardiology and dermatology. New compact systems have recently been developed so that other medical disciplines can also gain access to the benefits of non-invasive shock wave technology.

With its pioneering technological innovations, STORZ MEDICAL is setting new standards in aesthetic medicine and in the treatment of pain in close-to-bone soft tissue of the postural and locomotor systems.

As a reliable partner of doctors, we are committed to making a vital contribution to medical progress in the service of new therapy methods.

# First high-frequency shock wave therapy system with oscillating D-ACTOR<sup>®</sup> technology



- Weight of the unit: 6.5 kg
- Dimensions: 34.0 x 34.0 x 16.5 cm
- ► Shock frequency: 1 21 Hz
- ► Application pressure: 1 5 bar
- »Deep Impact<sup>®</sup>« application
- LCD touch screen
- ► Oscillating D-ACTOR<sup>®</sup> technology
- ... and optionally: 35 Hz »Vibration Therapy« with V-ACTOR® applicator

# Cutting-edge technology

Radial shock wave therapy systems developed by STORZ MEDICAL have established themselves as the global gold standard in shock wave therapy.









#### Calcified tendonitis of the shoulder

The MASTERPULS<sup>®</sup> MP200 is used to reduce or alleviate pain in the affected shoulder, to eliminate pain-induced restriction of mobility and to dissolve the calcifications that are the root cause of the condition.

- ▶ 71% of patients free of complaints\*
- 12% significantly better\*

#### Radial and ulnar humeral epicondylitis

The MASTERPULS<sup>®</sup> MP200 provides easy lateral and medial elbow access for therapeutic shock wave application. Chronic inflammations of tendon insertions or pain-inducing trigger points are eliminated to ensure successful elbow pain relief. This improves elbow mobility and increases forearm force.

- ▶ 65% of patients free of complaints\*
- 15% significantly better\*

#### Patellar tendonitis/achillodynia

Both syndromes are chronic, mostly sports-induced disorders. The pathologically altered painful tendon section exhibits a relatively large area. The MASTERPULS<sup>®</sup> MP200 allows this target region to be covered in its entirety so that the desired regenerative effect can be achieved.

- ▶ 70% of patients free of complaints\*
- 18% significantly better\*

#### Plantar fasciitis

Radial shock wave therapy provides a decisive improvement in the clinical development of chronic plantar fasciitis/calcaneal spur. As pain symptoms are eliminated, the loadbearing capacity of the affected foot is rapidly increased.

- ▶ 74% of patients free of complaints\*
- 16% significantly better\*

\*STORZ MEDICAL questionnaire, 10/06 - 08/07, 1465 users

## Successful applications



### RSWT – radial shock wave therapy

#### Other applications

- Myofascial trigger points (> 90% success rate)
- Other disorders of tendon insertions
- Activation of muscle and connective tissue
- Acupuncture shock wave therapy (up to 80% success rate, e.g. in gonarthrosis therapy)

### Vibration therapy

Option: V-ACTOR® applicator

The »vibration therapy« applicator operates at frequencies of up to 35 Hz and ensures optimum regulation of physiological muscle tremor.

The V-ACTOR<sup>®</sup> applicator is designed for the localization and treatment of trigger and acupuncture points and is an ideal complement to focused or radial shock wave therapy. Superficial and deep receptors of the nervous system are activated.

## Design and colour



## **Global presence**

#### Worldwide sales and service

Based in Tägerwilen on the Swiss side of Lake Constance, the company operates around the globe through its branch offices and partners, making sure that qualified service personnel is always near at hand.



### Creating synergies

The customer is the focus of everything we do!

Complex technology is only as good as the skills of the people who use it. Our training concepts are geared to the interaction between doctors, systems and patients. We offer regular seminars and workshops and provide on-the-spot training to our medical partners to ensure efficient use and operation of our systems right from the very start.

### Quality

Our products are designed to satisfy all requirements in terms of quality, safety, ease of use and service life.

MAN IS THE MEASURE OF ALL THINGS PROTAGORAS





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