MASTERPULS® MP50
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.
MASTERPULS® MP50
The most compact radial shock wave system

Facts and figures:

- Weight of the unit: 9 kg
- Dimensions: 34.0 x 34.0 x 16.5 cm
- Built-in compressor
- Shock frequency: 1 – 11 Hz
- Application pressure: 1 – 3 bar, 11 MPa
- Oscillating D-ACTOR® technology
- For mobile use
Applications

The MASTERPULS® MP50 is a compact, powerful shock wave therapy system.

Successful applications include:

- **Myofascial trigger points**
  - Dissolution of contraction knots, elimination of dysfunctions
  - and stimulation of the metabolism in the affected muscle fibers

- **Shoulder pain**
  - Reduction or alleviation of pain and elimination
  - of pain-induced restriction of mobility

- **Radial humeral epicondylitis (tennis elbow)**
  - Treatment of chronic inflammation of tendon insertions
  - or pain-inducing trigger points

- **Patellar tendonitis & achillodynia**
  - Rapid achievement of the desired regenerative effect
  - of shock wave therapy with the MASTERPULS® MP50

- **Plantar fasciitis/calcaneal spur**
  - Elimination of pain symptoms for rapid pain
  - relief and increased load-bearing capacity of the
  - affected foot

- **Activation and relaxation**
  - of muscle and connective tissue

- **Acupuncture shock wave therapy**
  - The MASTERPULS® MP50 has proved its worth
  - especially in the pain treatment of chronic joint
  - disorders such as knee, hip or shoulder osteoarthritis,
  - lumbago and ischialgia.
Myofascial trigger points (MTrP) are the most frequent causes of acute and chronic pain in the locomotor system. Local improvement of perfusion, reduction of nociceptor activity and neuromuscular tone, local inter- and intramuscular stretching are the physiological and mechanical axioms of MTrP therapy with the MASTERPULS® MP50.

General therapy recommendations:

2 – 5 sessions, 1000 – 3000 shocks/session, 2 – 3 bar, 1 – 2 sessions/week

... and for shock wave acupuncture:

3 – 8 sessions, 20 – 50 shocks/session/acupuncture point, 1.5 – 2 bar, 2 sessions/week
Ergonomic design

The highlights of this exceptionally efficient shock wave system include: compact design, integral compressed air supply, low capital expenditure and maintenance costs and maximum mobility thanks to the built-in compressor.
Worldwide sales and service

Based in Tägerwil 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