



Using the beneficial effects of Spark Waves
combined with the latest bioengineering technology
to treat urogenital disorders

urogold100

Treatment with the urogold100 provides a long-term, effective and highly tolerable solution for patients with urogenital diseases

High performance through a high quality product

The urogold100 device is characterized by its compact size and modern design. This leads to an especially easy transport and comfortable handling of the device during treatment.

Premium materials and the latest MTS technology guarantee high-quality Spark Waves for an ideal treatment process.

MTS offers different applicators for the various indications ranging from an unfocused applicator (OP155) for the treatment of CPPS and ED to an either soft-focused (OE035) or focused applicator (OE050) for the treatment of IPP.

Beneficial features of urogold100

The advantages of the treatment with the urogold100 device are its versatile and professional applicators which make it easy to repeat the treatment on a regular basis. The therapy of urogenital indications is uncomplicated to conduct and highly tolerable for the patient. Spark Wave therapy features a long-term effectiveness so as to provide a high degree of satisfaction for both patients and physicians.



Making use of an established technology

Spark Wave Therapy has been proven in orthopaedics and wound treatment for many years now. Through extensive research, the beneficial effects of Spark Waves have gradually been extended to the urogenital field. With their latest innovation **urogold100** MTS offers a gentle and effective long-term treatment method for patients with urogenital disorders.

Indications for **urogold100**

- Erectile dysfunction (ED)
- Peyronie's disease - IPP (Induratio penis plastica)
- Chronic pelvic pain syndrome (CPPS) / Chronic prostatitis

The bioengineering aspect of **urogold100**

The **urogold100** represents an innovative treatment option that utilizes the biological effects of Spark Waves by stimulating the self-healing mechanism of the affected tissue on cellular level. Spark Waves promote the generation of new blood vessels and the release of angiogenic growth factors. It has been shown that they also initiate the migration of stem cells and therefore help improve the blood flow in the treated area. In addition, Spark Wave-induced revascularization processes can alleviate pain. The combination of all mentioned factors leads to reductions in muscle tension, spasticity and pain for CPPS as well as the long-term recovery of the erection function of the patient. The reduction of plaque size and improvement of penile angulation is another healing factor for patients with IPP.

Comfortable treatment on an outpatient basis

The treatment of IPP, ED and CPPS is carried out on an outpatient basis. Dependent on the indication, the Spark Waves are applied onto the affected area that has been determined upfront through ultrasound, palpation or anatomical knowledge. Most importantly, the Spark Wave therapy with **urogold100** is pain-free and thus requires no anaesthesia. No side effects have been reported for the Spark Wave treatment of urogenital disorders.

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Technical Data

Applicator OE035

Therapeutic Focus fz (-6dB):	0 - 79 mm
Energy Flux Density (ED):	0.01 - 0.16 mJ/mm ²
Focus Energy (E total / -6dB):	0.34 - 4.22 mJ

Applicator OE050

Therapeutic Focus fz (-6dB):	0 - 62 mm
Energy Flux Density (ED):	0.03 - 0.27 mJ/mm ²
Focus Energy (E total / -6dB):	0.30 - 6.15 mJ

Applicator OP155

Therapeutic Focus fz (-6dB):	0 - 82 mm
Energy Flux Density (ED):	0.01 - 0.19 mJ/mm ²
Focus Energy (E total / -6dB):	0.40 - 3.88 mJ

Dimensions:	21.8 x 40 x 45.9 cm
Power Supply:	AC 100 - 240 V, 50 - 60 Hz
Power Input:	200 VA
Repetition Rate:	0.5 - 8 Hz
Weight:	16.5 kg



MTS is specialised in development and manufacture of Spark Wave Therapy systems that are successfully used in orthopaedics, traumatology, wound care and urology worldwide.

Our interdisciplinary team of physicians, biologists, physicists and engineers co-operates in research and development with world-renowned universities and scientific research institutions to set the standard for new treatment methods.

An international network of partners and distributors provides our customers the highest level of expertise and reliability.

Experience the new gold standard: intelligent Spark Waves for better quality of life.

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