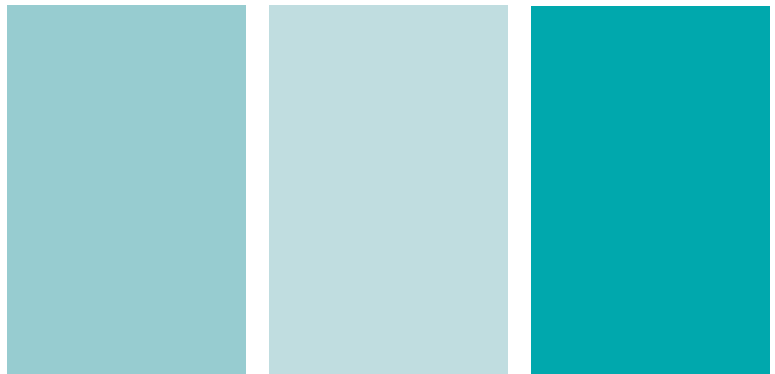




urogold 100[®]

THE SCIENTIFICALLY PROVEN SOLUTION FOR PATIENTS
SUFFERING FROM UROGENITAL DISORDERS



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

Making use of an established technology

Spark Wave® therapy has been proven in orthopedics and wound treatment for many years. 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.

High performance through a high quality product

urogold100® is characterized by its compact size and modern design that ensures easy transport and comfortable handling during treatment. Premium materials and the latest MTS technology guarantee high quality Spark Waves® for an ideal treatment process.

MTS offers two different applicators for various urogenital indications: a soft-wide focused applicator (OP155) for the treatment of erectile dysfunction and chronic pelvic pain and a focused applicator (OE050) for treatment of induratio penis plastica.



Bioengineering by urogold100®

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 vascular and cellular level.

Spark Waves® promote the generation of new blood vessels, the release of angiogenic growth factors as well as the migration of stem cells and thus significantly improve the blood circulation in the treated area. Additionally, Spark Wave®-induced revascularization processes alleviate pain.

The combination of these factors leads to reductions in muscle tension, spasticity and pain for chronic pelvic pain as well as the long-term recovery of the erection function in ED-patients. The reduction of plaque size and improvement of penile angulation is another healing factor for patients with Peyronie's disease.

Indications for urogold100®

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

Comfortable treatment on an outpatient basis – without side-effects

The treatment of erectile dysfunction, induratio penis plastica and chronic pelvic pain syndrome 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 anesthesia. No side effects have been reported for the Spark Wave® treatment of urogenital disorders.



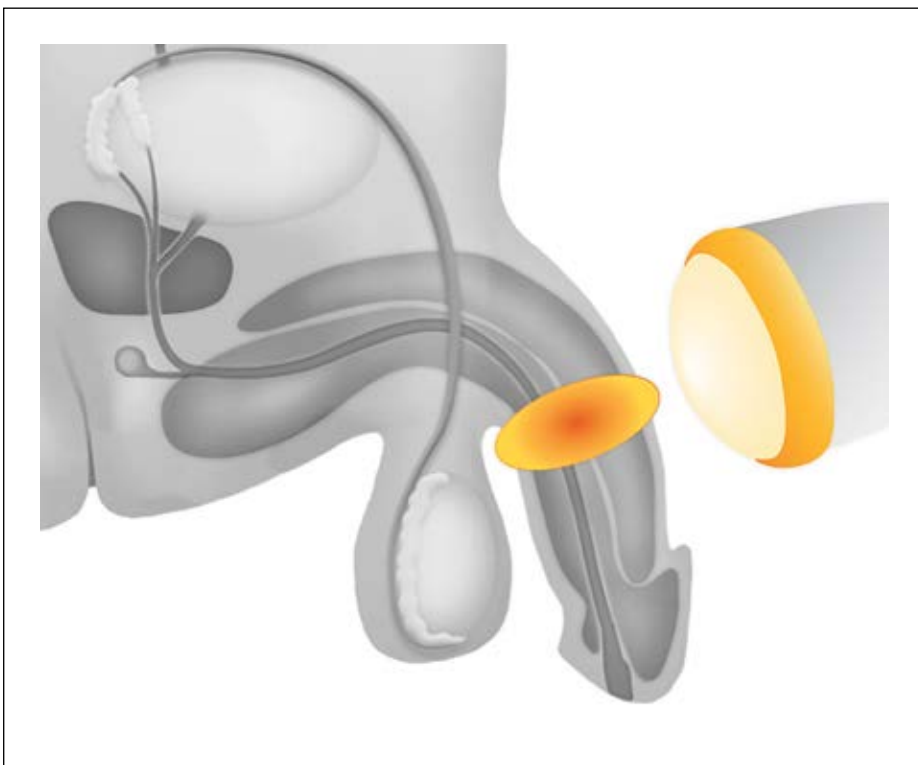
»Spark Wave® therapy for Erectile Dysfunction (ED) - innovative, safe and effective«

urogold100® - convenient in use

- Short treatment time
- Easy application
- Light-weight applicator
- Intuitive operation of device
- Individually adjustable energy

Treatment recommendations for Erectile Dysfunction

- Treatment recommended once per week for six weeks
- If necessary, treatment cycle can be repeated after four weeks period
- Effective and safe alternative to medication without side effects
- Even suitable for patients who do not respond to PDE-5-inhibitors
- Therapy is pain free and thus requires no anaesthesia

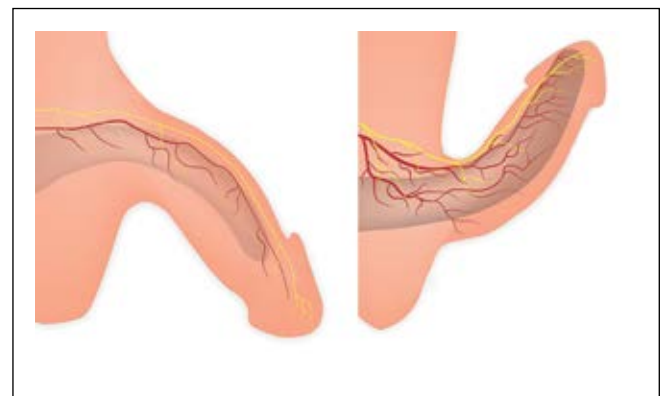


»Scientifically proven therapy for Erectile Dysfunction with special soft-wide focused applicator OP155«

Spark Waves® for stimulation of vascularisation



Enhanced vascularisation for improved erection



Unique patented soft-wide focus applicator for erectile dysfunction treatment

- OP155-patented soft-wide focus applicator for ED-treatment that ensures even distribution for Spark Wave® energy to entire corpus cavernosum and crus
- Scientifically proven stimulation of angiogenic results

Scientific evidence on working mechanism of Spark Waves® in Erectile Dysfunction treatment

School of Medicine, University of California, San Francisco, USA, proves Spark Wave® therapy to significantly ameliorate DM-associated erectile dysfunction

Spark Wave® therapy with soft-wide focused applicator for erectile dysfunction:

- Enhances vascularisation thus improves erectile function
- Improves erectile function
- Promotes nerve regeneration
- Restores endothelial and smooth muscle content
- Enhances recruitment of mesenchymal stem cells (MSCs).

Source: Qui et al: Effect of low-energy shockwave therapy on the erectile function and tissue of a diabetic rat model; J Sex Med. 2013 Mar; 10(3):738-46.

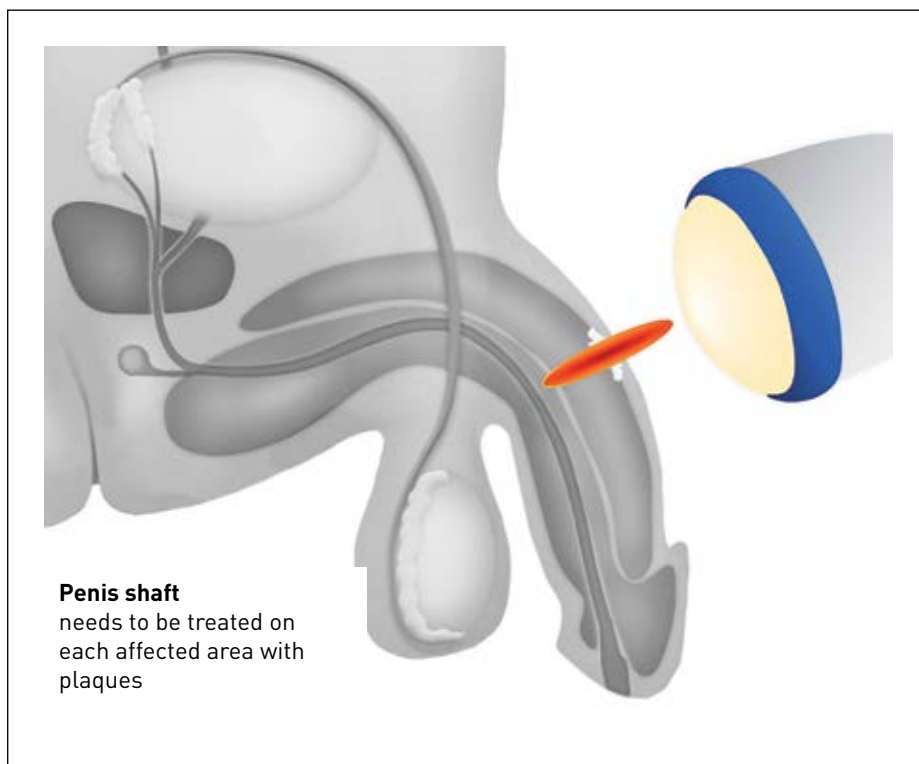
»»Spark Wave® therapy for effective therapy of Induratio Penis Plastica (IPP)««

urogold100® - convenient application

- Easy to apply
- Short treatment time
- OE050 - special focused applicator for IPP treatment
- Intuitive operation of device
- Individually adjustable energy flux density

Treatment recommendations for Induratio Penis Plastica

- Treatment recommended once per week for six weeks
- If necessary, treatment cycle can be repeated after four weeks period
- No side effects have been reported
- OE050 - focused applicator for IPP treatment that allows precise application of Spark Wave® energy for very good treatment results



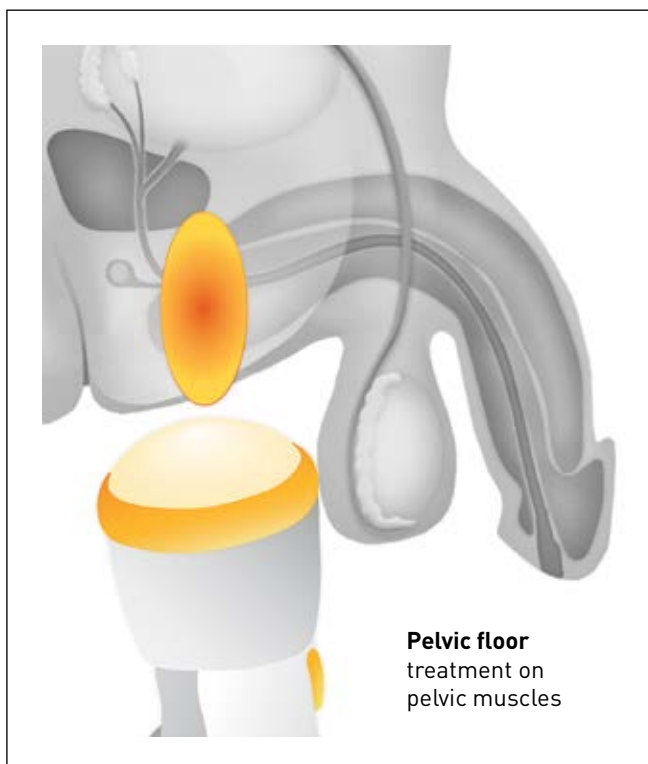
»Spark Wave® therapy for successful treatment of Chronic Pelvic Pain Syndrome (CPPS)«

urogold100® - significant improvement of CPPS related syndromes

- New modality for treatment of chronic pelvic pain syndrome in male as well as female patients
- Clinical studies show significant improvement of CPPS related syndromes such as pain in the pelvic floor as well as voiding and ejaculatory disturbances
- No side effects have been reported

Treatment recommendations for Chronic Pelvic Pain syndrome

- Treatment recommended once per week for six weeks
- If necessary, treatment cycle can be repeated after four weeks period
- No side effects have been reported
- OP155 - unfocused applicator for CPPS treatment that allows even distribution of Spark Wave® energy to entire treatment area



urogold100[®]

Technical Data

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

APPLICATOR OP155 FOR ERECTILE DYSFUNCTION



Therapeutic Focus fz (-6dB): 0 - 82 mm
Energy Flux Density (ED): 0.01 - 0.19 mJ/mm²
Focus Energy (E total / -6dB): 0.40 - 3.88 mJ

APPLICATOR OE050 FOR INDURATIO PENIS PLASTICA



Therapeutic Focus fz (-6dB): 0 - 62 mm
Energy Flux Density (ED): 0.03 - 0.27 mJ/mm²
Focus Energy (E total / -6dB): 0.30 - 6.15 mJ



MTSUG100PB_E_150917

MTS Medical UG
Robert-Bosch-Str. 18
D-78467 Konstanz
+49 (0) 7531 36185-0
info@mts-medical.com
www.mts-medical.com
www.urogold.info

 **MTS**
SPARK OF EVIDENCE