



DUOLITH® SD1 »ultra«

Shock wave treatment for urological
pain therapy and erectile dysfunction

ED – Erectile Dysfunction

IPP – Induratio Penis Plastica

CPPS – Chronic Pelvic Pain Syndrome

STORZ MEDICAL

Shock wave treatment for urological pain therapy and erectile dysfunction



DUOLITH® SD1 »ultra« is effectively applied for the treatment for Erectile Dysfunction^{1,2,3} (ED) of vascular origin, Induratio Penis Plastica^{4,5} (IPP) and Chronic Pelvic Pain Syndrome^{6,7} (CPPS). Scientific studies have proven the healing success of focused shock waves for these indications.

The effectiveness of this modern shock wave equipment is determined by the individually selectable, dynamic and powerful energy range and the therapeutic depth of focus that can be chosen. Deep-lying areas can be treated easily. With its large focus zone it is easy to access these areas with a high degree of accuracy. These technical features also demonstrate the superiority of the treatment in comparison with other ESWT machines: due to the depth of focus, shock waves only have to be applied on one side of the penis.

Advantages

- ▶ Therapies without medication or surgery
- ▶ Short treatment sessions
- ▶ No side-effects
- ▶ No anaesthesia required

ED – Erectile Dysfunction

Erectile dysfunction (ED) is a sexual dysfunction that is increasingly prevalent with age. Men affected by ED are unable to develop or maintain an erection sufficient for sexual intercourse despite being sexually stimulated. Most ED cases are of vascular origin. When treating ED with shock wave therapy, low-intensity shock waves are applied to different treatment zones on the penis and on the perineum.

IPP – Induratio Penis Plastica

Induratio penis plastica (IPP), also known as Peyronie's disease, is an acquired and generally progressive condition of the penis. Most men notice the presence of the disease when they feel thickened nodules (so-called plaques) under the skin of the penis. As the disease progresses, pain may occur with or without an erection and the penis becomes curved during an erection, which can make it difficult or impossible to have sexual intercourse. When treating IPP, the pain points in the penis are treated with extracorporeal shock waves.

CPPS – Chronic Pelvic Pain Syndrome

Chronic pelvic pain syndrome (CPPS) is characterized by pain in the region of the pelvic floor. Further symptoms are micturition problems without evidence of urinary tract infection. Some patients experience erectile dysfunction. Extracorporeal shock wave therapy is performed using a perineal approach, treating the prostate and the pelvic floor.

¹Yee, C.-H.; Chan, E. S.; Hou, S. S.-M. & Ng, C.-F., Extracorporeal shockwave therapy in the treatment of erectile dysfunction: A prospective, randomized, double-blinded, placebo controlled study, International Journal of Urology, Wiley Online Library, 2014.

²Chung, E. & Cartmill, R., Evaluation of clinical efficacy, safety and patient satisfaction rate after low-intensity extracorporeal shockwave therapy for the treatment of male erectile dysfunction: an Australian first open-label single-arm prospective clinical trial, BJU international, Wiley Online Library, 2015, 115, 46-49.

³Olsen, A. B.; Persiani, M.; Boie, S.; Hanna, M. & Lund, L., Can low-intensity extracorporeal shockwave therapy improve erectile dysfunction? A prospective, randomized, double-blind, placebo-controlled study, Scandinavian journal of urology, Informa Healthcare Stockholm, 2014, 1-5.

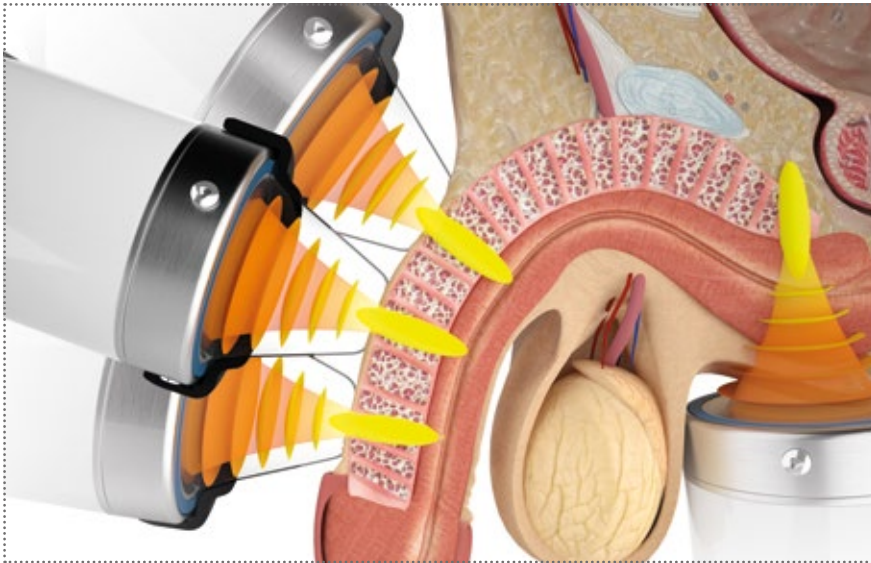
⁴Michel, M. S.; Ptaschnyk, T.; Musial, A.; Braun, P.; Lenz, S. T.; Alken, P. & Köhrmann, K. U., Objective and subjective changes in patients with Peyronie's disease after management with shockwave therapy, Journal of endourology, Mary Ann Liebert, Inc., 2003, 17, 41-44.

⁵Palmieri, A.; Imbimbo, C.; Longo, N.; Fusco, F.; Verze, P.; Mangiapia, F.; Creta, M. & Mirone, V., A first prospective, randomized, double-blind, placebo-controlled clinical trial evaluating extracorporeal shock wave therapy for the treatment of Peyronie's disease. European Urology, Elsevier, 2009, 56(2), 363-370

⁶Vahdatpour, B.; Alizadeh, F.; Moayednia, A.; Emadi, M.; Khorami, M. H. & Haghani, S., Efficacy of Extracorporeal Shock Wave Therapy for the Treatment of Chronic Pelvic Pain Syndrome: A Randomized, Controlled Trial, ISRN urology, Hindawi Publishing Corporation, 2013, 2013, 1-6.

⁷Zimmermann, R.; Cumpas, A.; Miclea, F. & Janetschek, G., Extracorporeal shock wave therapy for the treatment of chronic pelvic pain syndrome in males: a randomised, double-blind, placebo-controlled study, European urology, Elsevier, 2009, 56, 418-424.

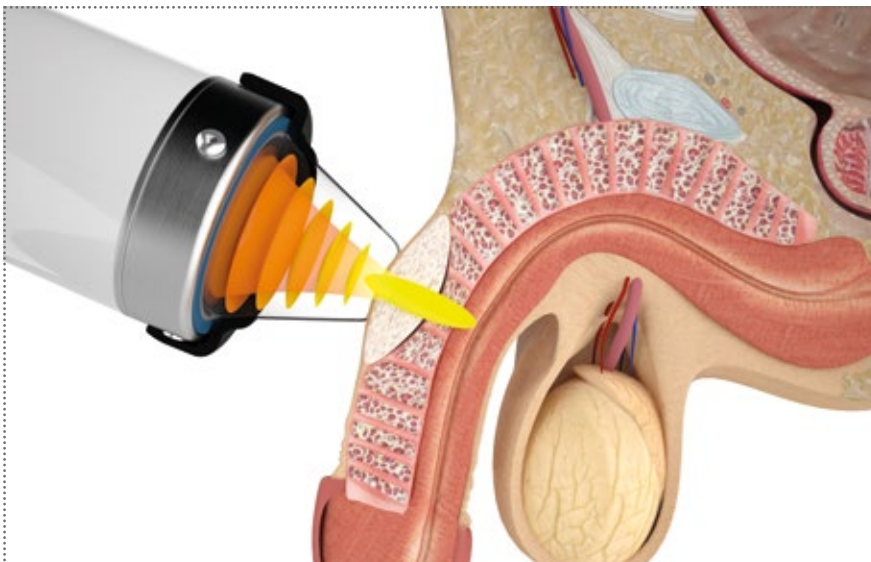
Penile revascularization therapy



ED

Significant improvement of
▶ Sexual function

Urological pain therapy



IPP

Significant improvement of
▶ Pain

Stabilisation in advancement of
▶ Penis curvature
▶ Plaque formation



CPPS

Significant improvement of
▶ Pain
▶ Urination conditions
▶ Erectile function



STORZ MEDICAL

STORZ MEDICAL AG · Lohstampfstrasse 8 · 8274 Tägerwilen · Switzerland
Tel. +41 (0)71 677 45 45 · Fax +41 (0)71 677 45 05
info@storzmedical.com · www.storzmedical.com

Subject to change without notice. The information in this brochure is only intended for medical and healthcare professionals. This brochure provides information on products that may not be available in all countries.