

Extracorporeal Shock Wave Therapy

A proven treatment option that improves quality of life

Dear Patient,

If you suffer from induratio penis plastica (IPP), also called Peyronie’s disease, you are not alone – it’s a condition that affects millions of men. The good news is that, depending on the cause, various therapeutic options for reducing the pain are now available.

One proven treatment method is Extracorporeal Shock Wave Therapy (ESWT). This involves shock waves being applied to the pain point from outside the body.

This leaflet provides you with information on shock wave therapy and how it can help you. And if you have any questions, please don’t hesitate to ask!

Your healthcare team

The practice near you:



Induratio penis plastica (IPP) / Peyronie’s disease Patient Information

**Extracorporeal Shock Wave
Therapy (ESWT)**
What we can do to make life
easier for you.

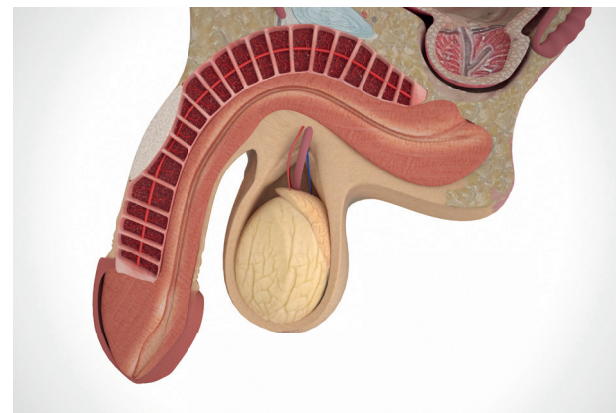
¹ Michel M. S., Ptaschnyk T., Musial A., Braun P., Lenz S. T., Alken P., Köhrmann K. U., Objective and subjective changes in patients with Peyronie’s disease after management with shockwave therapy, Journal of endourology, Mary Ann Liebert, Inc, 2003, 17, 41-44.
² Palmieri A., Imbimbo C., Longo N., Fusco 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.
³ Hatzichristodoulou G., Meisner C., Gschwend J. E., Stenzl A., Lahme S., Extracorporeal shock wave therapy in Peyronie’s disease: results of a placebo-controlled, prospective, randomized, single-blind study. The Journal of Sexual Medicine, Elsevier, 2013, 10(11), 2815-21.





Induratio penis plastica / Peyronie's disease

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 condition progresses, pain may occur in the erect or flaccid penis. Curvature of the penis when erect also occurs, making intercourse difficult or even impossible.



Causes

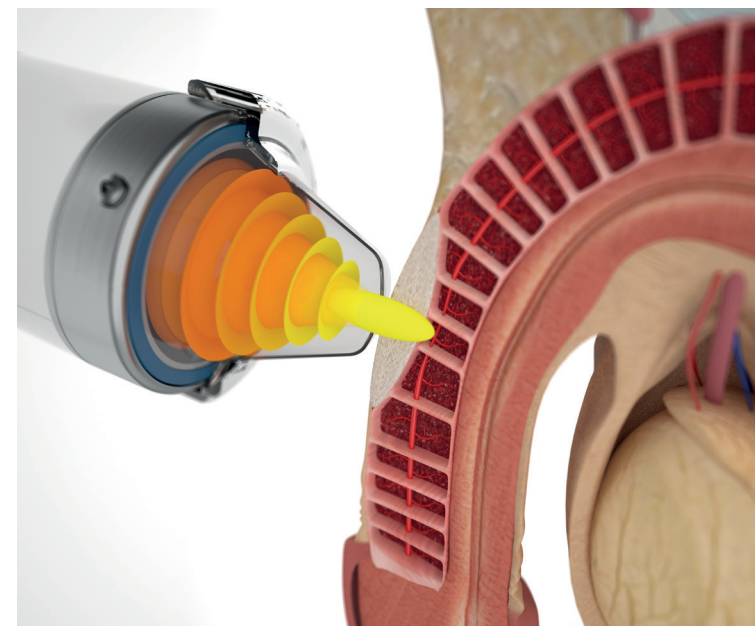
It is currently supposed that, under certain conditions, profuse deposits of connective tissue may form in the normally highly elastic sheath of the penile cavernous body. This excessive accumulation of fibrous tissue in the sheath of the cavernous body leads to the formation of fibrous plaques.

Treating IPP with shock wave therapy

When treating IPP/Peyronie's disease, the pain points in the penis are treated with extracorporeal shock waves. In a pilot study¹, shock waves were delivered to the flaccid penis once a week for a period of five weeks. This led to a reduction in pain on erection.

Further studies^{2,3} on IPP also showed positive outcomes in relation to alleviation of penile pain.

A therapy session generally lasts about 20 minutes. On average, between two and eight sessions are required, depending on severity and how the patient responds to treatment.



Please
feel free
to approach our
practice team with
any questions you
may have.

What are shock waves?

Shock waves are audible high-energy sound waves. Since as long ago as 1980, they have been successfully used in medicine to treat many conditions, one such application being orthopaedic pain management.

Why is this procedure known as Extracorporeal Shock Wave Therapy? The term »extracorporeal« means »outside the body«, which is where these shock waves are generated. A therapy device is used to introduce them into the body, where they exert their effect. Depending on the field of application, the waves may be applied at either high or low doses.

A major benefit of this treatment option is that, for the most part, it is risk free, pain free and free from side effects.