performance enhancement

feel the difference

Zimmer

EN

"I have been treating 2 to 6 patients a day for the last 10 months with a 90% success response."

C. B. Daniel, M.D. | Practice Development Physician and President of Cenegenics Medical Institute Phoenix

Zimmer MedizinSysteme,
50 years of experience in medical technology

Zimmer MedizinSysteme has many years of experience in various medical applications of radial shockwaves and as a result, with the new *Gentle*^{Pro}, we offer our customers another shockwave system characterised by simple operation and a high degree of efficacy.

Various clinical studies on erectile dysfunction demonstrated a significant improvement in perfusion and the formation of new vessels which is crucial for a high level of patient acceptance and a successful application.

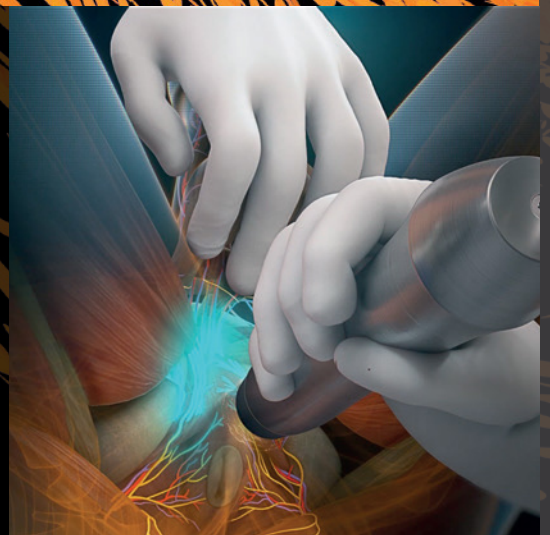
Rapid results

In general, 5 to 8 treatments are needed to ensure a successful application. A positive change and a longer or stronger erection is often reported after just the first application.

Shockwave treatment for erectile dysfunction is successful as a stand-alone application and can also be used in combination with other forms of treatment. Shockwave treatment can therefore be successfully combined with PRP applications, vacuum pumps or also PDE-5 inhibitors (vasodilators), among others.
The application is also virtually painless and has no known adverse effects.

What is an erection?

The male erection, that is, the stiffening of the male phallus, is a natural reaction to sexual stimuli and it thus enables sexual intercourse.
For various reasons, the erection may not be strong enough for sexual intercourse or cannot be maintained long enough. If such erection problems occur more frequently or over a longer period of time, this may indicate what is known as erectile dysfunction (ED).

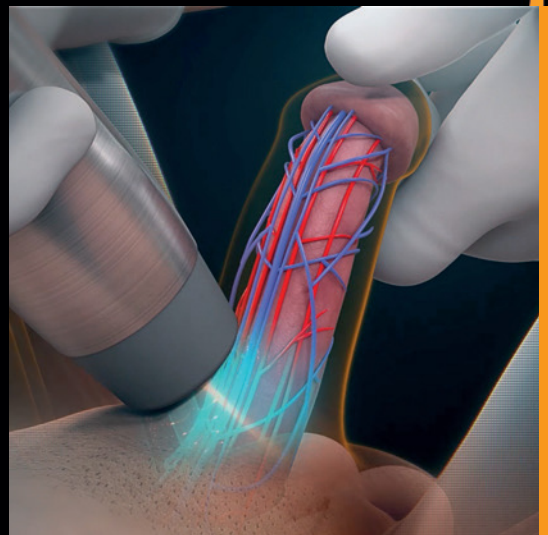


What is erectile dysfunction?

Erectile dysfunction (ED) means that erection of the male penis does not occur at all, is maintained only briefly, or is not strong enough to allow sexual intercourse.
If one of the above situations is present for more than 4-6 months, this is referred to as erectile dysfunction.

For a long time, it was assumed that most cases of erectile dysfunction have purely psychological causes. Today it is known that physical causes such as age, diabetes mellitus, arteriosclerosis and vascular anomalies account for more than 2/3 of cases. One out of every three men aged 60 to 70 is affected, for example. Experts assume that the number of men affected is much larger, since this topic is still associated with a great deal of shame.

Treatment with Gentle Pro



Effects and reaction

- Longer erection
- Improved penile stiffness
- Promotes the development of new blood vessels (neoangiogenesis)
- Improved perfusion of the penis
- Mechanical pulses on the penis
- No need for PDE-5 inhibitors
- Stimulation of the corpus cavernosum of the penis

A successful form of application for erectile dysfunction

Since the male penis is not a muscle, good perfusion of the corpus cavernosum is extremely important and significantly contributes to the male erection.

With shockwave treatment, it is possible to significantly promote increased perfusion and stimulate the formation of new vascular structures at the same time. The radial shockwaves, which are emitted on the shaft of the penis as well as on the area around the genitals, support the natural stimulation of the area to be treated, particularly in the case of erectile dysfunction due to vascular causes. Even patients with severe erectile dysfunction who are taking so-called PDE-5 inhibitors achieve significantly better therapeutic success.

Depending on the degree of erectile dysfunction, an average of about 5 to 8 treatments are needed to achieve a lasting improvement in the erection. Shockwave therapy takes up to 25 minutes and should be performed 2-3 times per week.

Advantages of shockwave treatment

- Non-invasive treatment
- No downtime
- Virtually painless application
- User-friendly application
- Improvement in the erection
- More spontaneous sex life
- No painful prostaglandin injections
- Almost no risks or adverse effects
- Well-tolerated treatment method

Simple treatment

The *Gentle*^{Pro} shockwave system is equipped with an innovative water-cooled shockwave generator which operates pleasently quiet and ensures durability. The new ergonomic handpiece with a "shock absorber" offers the user the highest level of safety and maximum comfort and thus facilitates work. Thanks to the 15 mm applicator head, the energy from the radial shockwave can be introduced in a targeted manner into the desired area and ensures a highly successful application from the outset.

The large 12" display with ultramodern touch screen technology allows the pre-set programs to be found quickly and easily and special patient- or application-specific programs to be saved. Other parameters which are important for a successful application, such as frequency, energy, and the number of pulses to be emitted, can be easily changed with just a few "clicks".

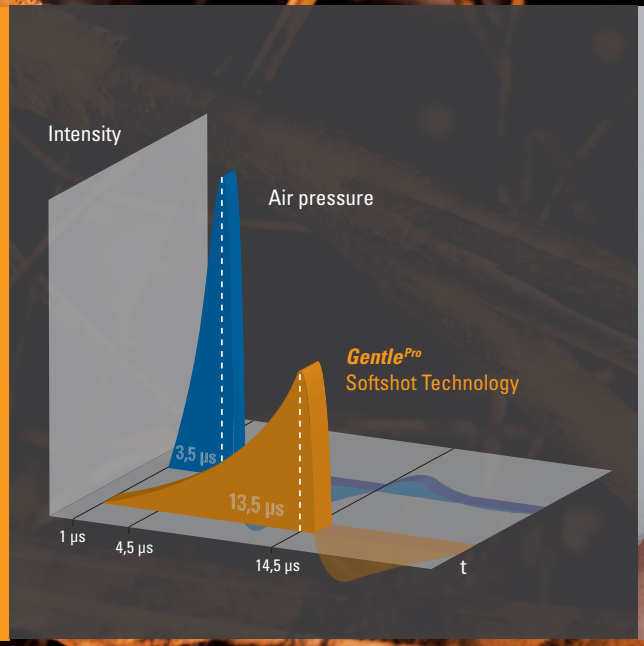
Gentle Pro - Design and technology

Gentle Pro range of applications

Pre-set treatment recommendations:

- Severe ED according to IIEF score 1-7
- Moderate ED according to IIEF score 8-11
- Mild to moderate ED according to IIEF score 12-16
- PD (Peyronie's disease)

Freely selectable programs available.



Technical data

Technology	Compressor-free ballistic shockwave system with electromagnetic generator as a projectile accelerator, 1-22 Hz, 60-185 mJ
Programs	5 pre-set application fields plus the respective detailed treatment protocols
Control unit	12″ colour touch screen for all software operations, knobs for energy and frequency. Handpiece operation via the multidirectional foot switch
Memory and update	SD card for application menu memory, Favourites and adapted programs (99 spaces) / error log / firmware update
Mains voltage Protection class	100 – 240 V / 50/60 Hz; 220 V / 60 Hz I
Dimensions, weight	L 53 cm / W 54 cm / H 139 cm, 25,4 kg
Guarantee	2,000,000 shocks on each shockwave generator

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