

# WHAT ARE SHOCKWAVES?

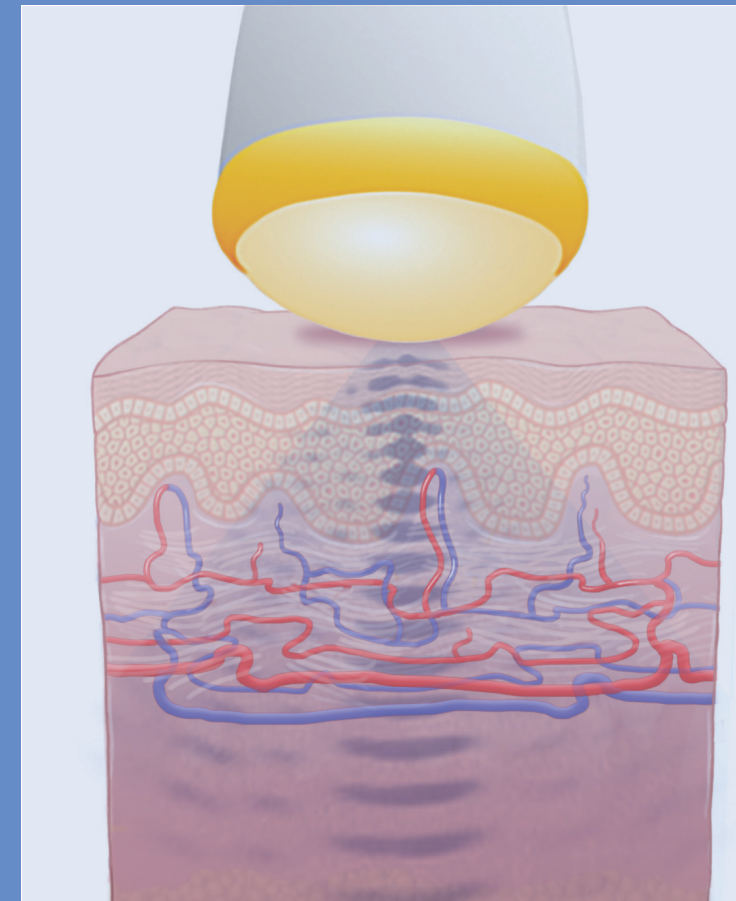
Shockwaves are acoustic waves with a brief rise time of a few nanoseconds, which are characterized by a pulse of positive pressure followed by a phase of negative pressure.

Shockwaves have been utilized for over 20 years and are used to improve blood circulation and tissue regeneration in the fields of urology, orthopedics, sports medicine, and cosmetics and wound care.

Tissue Regeneration Technologies' DermaGold, OrthoGold and UroGold are FDA registered for pain relief and improved blood supply. Additional clearances pending.

Suffering from ED,  
you are not alone.

## A PATIENT'S GUIDE



Arizona Urology Specialists is committed to providing the most advanced diagnostic tools and treatment options.

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Shockwave therapy represents an innovative and long-term effective method for the treatment of Erectile Dysfunction.

This therapy leads to a significant improvement of the erectile function in patients and ensures their sexual spontaneity as well as the restored quality of life.

The shockwave therapy relies on the treatment and/or elimination of the main cause of erectile dysfunction, namely the reduced blood supply to the penile tissue.

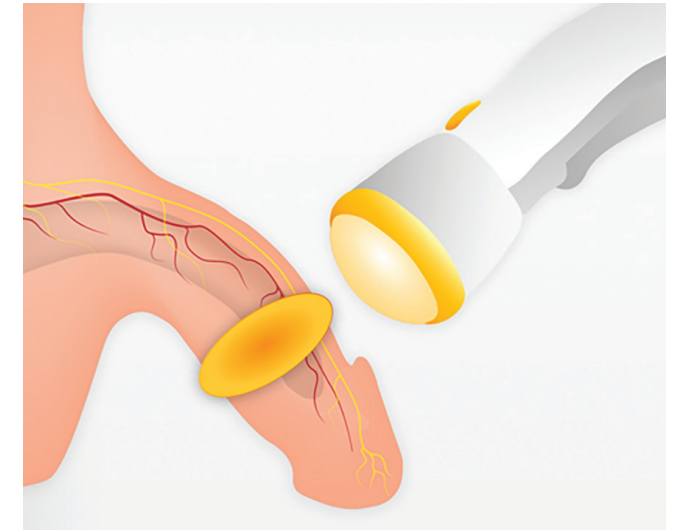
The shockwaves are used to stimulate the self-healing effects of the affected tissue at the cell and vascular level.

Shock waves stimulate the development of new blood vessels. As demonstrated by the results of clinical studies, they trigger the migration of stem cells, which significantly increase blood flow in the treated area.



## SYSTEM

With our innovative therapy system, we offer a long-term effective and safe treatment method for patients with erectile dysfunction (ED) and other urogenital indications.



## TREATMENT

The therapy is carried out on an outpatient basis. According to the diagnosis, the treatment area is determined through palpation or ultrasound and marked accordingly.

During the therapy process, ultrasound gel is applied and the therapy head is moved across the affected area while releasing the shock wave pulses. The quantity and intensity of the pulses vary depending on the indication.

Most importantly, the therapy is pain free and thus requires no anesthesia. No side effects have been reported.