RejuvaPulse™ is a revolutionary new therapy for the treatment of erectile dysfunction (ED), now offered exclusively by Boston Medical Group. Erectile dysfunction is primarily caused by reduced blood flow and subsequent degenerative changes in the penile tissue. RejuvaPulse™ uses pulsed sound wave technology to improve penile blood flow and rejuvenate penile tissue. It actually treats the underlying cause of erectile dysfunction and is the only treatment that can reverse the symptoms of ED without the need for medication or surgery. Not only does it help men with erectile dysfunction achieve spontaneous erections, it can help any man improve his sexual performance.

What is RejuvaPulse™?

The technical term for this technology is Extracorporeal Shockwave Therapy, or ESWT. It is also referred to as Low Intensity Extracorporeal Shockwave Therapy (LI-ESWT), or Extracorporeal Pulse Activation Therapy (EPAT).

How does RejuvaPulse™ work in ED treatment?

As men age, blood vessels in the penis can begin to stiffen, contract and become clogged with micro-plaques resulting in reduced blood flow, the root cause of ED. This is similar to the way in which cardiac vessels can become clogged, ultimately leading to coronary artery disease. RejuvaPulse™ delivers pulsed sound waves to the penile tissue, leading to the following effects:

- It clears up micro-plaques, restoring blood flow.
- It stimulates the growth of new blood vessels, a process called neovascularization, improving blood flow.
- It activates the body’s own healing and regenerative properties, rejuvenating penile tissue.

This results in healthy, new blood vessels, increased blood flow, healthier penile tissue and stronger, firmer erections. RejuvaPulse™ is completely non-invasive. After a series of six to twelve treatments of about 20 minutes each, RejuvaPulse™ results in stronger erectile function and increased responsiveness to sexual stimulation.

RejuvaPulse™ has been clinically proven effective for ED treatment

In clinical trials, this technology proved to be effective for men with ED, even for those who did not respond well to other treatments. In fact, there are over 40 clinical studies that show an average of 80% success rate in reversing or greatly reducing the symptoms of ED.
A study published in Therapeutic Advances in Urology, concluded that “ESWT [i.e. RejuvaPulse™] is a revolutionary treatment for ED, and possesses unprecedented qualities that can rehabilitate erectile tissue. The clinical improvement in erectile function together with significant improvement in blood flow confirm that ESWT has unique properties that may create new standard of care for men with ED”.

Separately, many clinical trials participants who did not suffer from chronic ED, but who reported a noticeable reduction in the quality of their erections, experienced remarkable improvement after receiving RejuvaPulse™ therapy. RejuvaPulse™ has no side effects. Most importantly, it treats the root cause of the problem. This is the first ED treatment ever that does not require medications or surgery, but instead taps into our natural healing power. Its effects have been clinically proven to last at least two to three years.

**Other benefits of RejuvaPulse™**

Patients have reported increased sensation, stronger orgasm, and even multiple orgasms. It is believed that RejuvaPulse™ activates the growth of new nerve tissue, a process called neurogenesis, which enhances penile responsiveness to sexual stimulation and leads to stronger orgasm.

RejuvaPulse™ has also been shown to be effective in the breakdown of scar tissue and the reduction of penile curvature for men suffering from Peyronie’s disease.

Most patients also report an increase in length and girth!

**Combination of RejuvaPulse™ and Platelet-Rich Plasma (PRP)**

Platelets are a natural source of a number of growth factors*, which once released, promote repair and healing of damaged tissues. Platelet-Rich Plasma is prepared by taking a small sample of the patient’s blood and subjecting it to centrifugation (spinning the blood sample at a high rate of speed), which separates red blood cells and white blood cells from the remaining plasma. The remaining plasma is “packed” with platelets that remain behind, hence the term Platelet-Rich Plasma (PRP). Once collected and painlessly injected into the corpora cavernosa, PRP releases growth factors which then start the natural healing process. Similar to RejuvaPulse™, PRP results in the formation of new blood vessels, healthier penile tissues and stronger, firmer erections.

While RejuvaPulse™ and PRP are effective when applied separately, their combination is even more effective when compared with the use of either therapy alone. At BMG, we found there was every indication that combining RejuvaPulse™ and PRP could improve sexual performance and erectile quality in all men, and not just those suffering from ED. This combination of therapies, in expert hands, becomes the new standard first-line therapy for men who want to remain sexually active and healthy using a natural approach.

**Case Studies**

- **Can Low-Intensity Extracorporeal Shockwave Therapy Improve Erectile Function? A 6-Month Follow-up Pilot Study in Patients with Organic Erectile Dysfunction**  
  “...this could be one of the few nonpharmacologic treatment modalities that are able to improve ED without any adverse effects. Based on our results, LI-ESWT appears to have the potential to be a rapid and curative therapy for ED.”

- **Initial Experience with Linear Focused Shockwave Treatment for Erectile Dysfunction: A 6-Month Follow-up Pilot Study**  
  “The initial results of this pilot study suggest positive outcomes [...] for treating ED with linear low-intensity shockwaves. This study with 6 months follow-up from almost 60 patients is suggestive of a positive therapeutic efficiency in the majority of the patients.”

* These growth factors are regeneration-promoting signaling molecules, such as Platelet-Derived Growth Factor (PDGF), Transforming Growth Factor group (TGF), Epidermal Growth Factor (EGF), Vascular Endothelial Growth Factor (VEGF), Fibroblast Growth Factor (FGF) and others. These molecules are shown to regulate the healing cascade, including inflammation and cell proliferation.