

HOW IT WORKS

WHAT IS ERECTILE DYSFUNCTION?

Erectile Dysfunction (ED) is a physical condition triggered by a man's mental, emotional and medical state. ED is defined by the repeated and consistent problem of sustaining an erection suitable for sexual intercourse. In addition, ED can lead to performance anxiety and depression.

WHAT IS PEYRONIE'S DISEASE?

Peyronie's Disease is characterized by a plaque that forms along the top or bottom side of the penis. As a result, patients who are diagnosed with peyronie's suffer from penile pain, erectile dysfunction (ED) and curvature of the penis during an erection which can prevent penetration.

HOW DOES BIOLOGICS THERAPY WORK?

Biologics treatments are currently being used and have historically been used to treat a variety of medical issues. They work by repairing and regenerating chronically damaged tissue, such as bone, tissue, vessels, and cartilage.

Amniotic fluid contains multiple growth factors, cytokines and proteins that are inherent in anti-scarring, anti-inflammatory, and anti-microbial properties. These growth factors are essential for regenerative healing.

A NEW WAY TO TREAT ED & PD

Published results show success in treating cases of ED and PD using amniotic fluid growth factors.

Amongst 70 patients enrolled in the study, amniotic fluid appears to be a safe alternative treatment option for men with PD and / or ED.

REFERENCES:

1. A. Skardal. *Perinatal Stem Cells: Amniotic Fluid Stem Cells for Wound Healing*, (Springer New York, 2014), 17-25.
2. J. Levy, M. Marchand, L. Iorio, W. Cassini, M. Zahalsky, "*Determining the Feasibility of Managing Erectile Dysfunction in Humans with Placenta – Derived Stem Cells*," JAOA. 2016; 116 (1) e1-e5.
3. J. Levy, M. Marchand, L. Iorio, G. Zribi, M. Zahalsky, "*Effects of Stem Cell Treatment in Human Patients with Peyronie Disease*," JAOA. 2015; 115 (10) e8-e13

DISCLAIMERS:

The information presented is not intended to take place of your personal physician's advice and is not intended to diagnose, treat, cure or prevent and disease. Discuss this information with your own physician or healthcare provider to determine what is right for you. The information contained here is presented in summary form only and intended to provide broad consumer understanding and knowledge. Each patient's experience with biologics therapy procedures will differ.

BIOLOGIC THERAPY FOR THE TREATMENT OF ERECTILE DYSFUNCTION & PEYRONIE'S DISEASE

DISCOVERING A NEW PATH TO WELLNESS



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WHAT IS REGENERATIVE MEDICINE?



Scientists and doctors have made tremendous advances to make tissue regeneration a reality in treating many diseases. The use of biologics is an exciting avenue for applications in medicine where traditional treatments have not worked. Recently, these regenerative treatments have involved the use of amniotic fluid in clinical applications such as orthopedics, neurosurgery, spinal surgery, general surgery and urology.

Laboratory and clinical research has shown that it is possible to use biologic treatments to restore lost, damaged or aging cells and effectively regenerate tissue in the body.

Just as biologic treatments are being used to heal and treat a variety of neurological and orthopedic conditions, urologists have been using the therapy to treat erectile dysfunction for patients who have been unresponsive to traditional ED treatment.

FREQUENTLY ASKED QUESTIONS

HOW DOES IT WORK?

By injecting a specific, measured quantity of amniotic fluid to maximize penile rejuvenation, patients who have failed traditional or injection therapy are experiencing the benefits of regenerative technology.

In the case of ED, biologics therapy may be used to repair and regenerate blood vessels to and within the corpora of the penis to improve erections. With Peyronie's Disease, the treatments are used to decrease localized inflammation to the penis where plaques have formed and allow for tissue and cell repair / regeneration.

WHO IS A GOOD CANDIDATE?

The appropriate patients for treatment include any patient with Erectile Dysfunction or Peyronie's Disease and those who have failed other therapies. Biologics therapy is offered in an office setting, so no surgery or hospital stay is required.

HOW MUCH DOES IT COST?

Since the number of amniotic injections vary from patient to patient, costs also vary. Ask your doctor for more information and available payment options / financing.

FREQUENTLY ASKED QUESTIONS (continued)

Patients are recommended to undergo at least 2 amniotic injections into the targeted area. Some patients have seen results as soon as one injection however, since the dosage may vary from individual to individual, a minimum of 2 treatments are suggested.

- Injections will be conducted at least 4-6 weeks apart.
- Follow-ups will be performed at 1 week post injection and every 3 months post treatment for the first year.
- The after-care instructions are simple and will vary depending on patient prognosis.

WHAT ARE THE POSSIBLE RISKS / SIDE EFFECTS?

- Infection, pain, bleeding and swelling at the injection site
- Scarring
- Worsening of Erectile Dysfunction and / or Peyronie's Disease
- Numbness
- Blood Borne Pathogen transmission

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