



Best Regenerative Medicine Provider 2018

LIPOGEMS is a globally focused firm that operates in 27 different countries and strives to provide physicians and patient's adipose tissue solutions that are compliant and which help support the healing environment for damaged or injured tissue in a variety of specialties. We profile the firm to find out more about its creative, pioneering solutions and how it is changing the healthcare market for the better.



Leading orthopaedic physicians have been performing the LIPOGEMS procedure that gently processes the body's own powerful fat tissue in order to help clients to heal the natural way for a number of years. Innovations in orthopaedic medicine show the patient's own powerful fat contains important reparative cells. The LIPOGEMS system comes in a complete kit and only very few additional medications and items are needed. This simple and minimally invasive

procedure requires harvesting, concentrating, and transferring the patient's own adipose tissue to help support the healing process.

The procedure can be performed in under an hour, and it meets the new FDA guidelines and is FDA cleared for use in orthopaedics and arthroscopic surgery and a variety of other specialties. This LIPOGEMS system uses only saline to help wash the contaminants, rinse, and resize the fat tissue. The benefit of LIPOGEMS is that it keeps all the special cells within

the fat working harmoniously to help you heal the natural way. LIPOGEMS is injected precisely into areas of the body in order to help establish an environment to support tissue healing and repair. LIPOGEMS may be ideal for patients looking for a minimally invasive procedure in the office and that need surgery to support the healing process.

The solution is particularly vital currently, as orthopaedic physicians are always looking for ways to advance patient care and provide more options. The patient demographics are changing

because of the impact of obesity, age, and activity levels. Patients are living longer and would like to remain active in participating in their activities of daily living, spending time with their friends and family, and participating in recreational activities.

In addition, those patients suffering from joint pain are also younger, more active, and participate in higher impact activities. Obesity is a growing epidemic and may impact orthopaedic care. As a result, there is an increase in patients suffering from



orthopaedic conditions and this number is expected to increase substantially in the next two decades. Patients are seeking treatment options for their orthopaedic conditions and physicians desire to keep their patients satisfied and provide them different options throughout their course of treatment.

There are a myriad of solutions available, however they are not all the same, and some are not even cleared for use by the FDA. For example, many clinics are offering fat that is processed using enzymes and isolates a

specific cell. This is not cleared for use by the FDA. Many clinics, run by non-surgeon providers, are offering stem cell treatments at high prices. Also, many clinics may offer adipose-derived stem cells that are not compliant with the FDA standards.

To ensure quality and assure patients, LIPOGEMS offers orthopaedic physicians and patients a compliant option that is cleared by the FDA and a technology that is supported by strong science. In November 2017, the FDA announced new guidelines for Human and Cell

Tissue. The LIPOGEMS system meets the criteria for minimal manipulation of the tissue and homologous use of the tissue. The Lipogems® system is a single-use, disposable device which is used for the harvesting, processing, concentrating, and transferring of autologous adipose tissue when such transfer is desired. The device is intended for use in orthopedic surgery, arthroscopic surgery, neurosurgery, and other surgical specialties. The FDA has provided guidance that such tissue must be used for the repair, replacement, cushioning, and support of damaged or injured tissues. The company is continuously working with the FDA to ensure that the product and promotion meet their guidelines.

This will remain its ongoing focus as it seeks to grow and build upon its current success. Currently, Lipogems is offered by leading orthopaedic physicians from the best orthopaedic institutions. Physicians from Hospital for Special Surgery,

Emory, Duke, Cleveland Clinic, Harvard, Cornell, CORE Institute, Hughston Clinic, etc offer LIPOGEMS to their patients. Typically, orthopaedic physicians offer the technology at affordable fee or offer financing options to ensure that they are able to provide these options to their patients. The physicians are excited to offer a compliant solution that uses the patient's own fat with a simple and efficient procedure, has strong science behind the technology and partner with a company that has responsible promotion. The company is dedicated to education and offers a variety of education programs for the physicians and their teams, and its future focus will remain on supporting its clients and patients alike.



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