

Using Your Own Biology for Cushioning and Support

With the AutoPose™ System



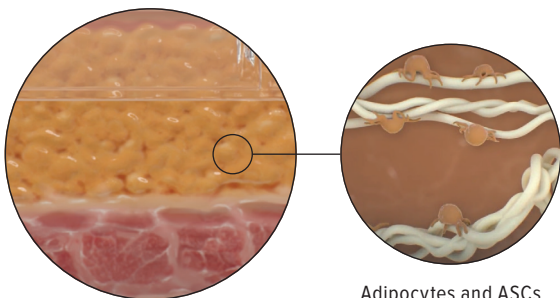
Arthrex® 

What Is Adipose Tissue?

Adipose tissue, also known as fat, serves many functions in the body, such as storing and releasing energy, secreting hormones alongside other biological factors, and providing cushioning and support. Adipose contains several cell types, such as adipose-derived stem cells (ASCs), fibroblasts, vascular endothelial cells, immune cells, and other reparative cells. These ASCs proliferate to help repair or rebuild surrounding tissues.^{1,2}

Adipose tissue allows for easy access to a rich source of ASCs and contains 150× to 500× more reparative cells than are found in other similar tissues.³

Research has shown that adipose tissue maintains its reparative properties as we age, making it a reliable source of ASCs no matter a patient's age.⁴⁻⁶



What Is Microfat?

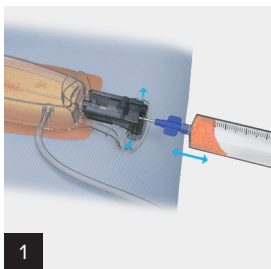
Harvested adipose tissue can be resized and washed into microfat, providing smaller-sized fat packets that may facilitate natural healing of damaged or injured tissues. This microfat can be used to provide cushioning and support for natural healing.

Why AutoPose™ Microfat?

There are various ways to collect and resize adipose tissue into microfat. The AutoPose system is designed to resize tissue in a gentle, safe, and reproducible manner while preserving the cellular viability of the adipose tissue.⁷

How Does It Work?

Adipose tissue is harvested through a small incision. In this minimally invasive procedure, your physician will prep and inject your skin with a local anesthetic. They will then introduce a sterile solution to swell, numb, and decrease bleeding at the adipose collection site.



Using a gentle back and forth motion, the adipose tissue is collected into the syringe.



The fat goes through a washing step to filter out unwanted material.



The cleansing step removes unnecessary oils and cell debris while cleansing the adipose tissue cells.



The washed tissue is passed through a filter to gently resize into microfat.



After resizing, the microfat is ready for use.

What Should I Expect?

- The procedure can be done in under an hour
- There is a risk of temporary symptoms, including soreness, swelling, discomfort, or tenderness
- Your doctor will determine your post-procedural protocol

Speak with your doctor to determine if this is the best treatment option for you.

The information contained in this brochure is not medical advice and is not meant to be a substitute for the advice provided by a surgeon or other qualified medical professional on the use of these products. You should talk with your physician or health care provider for more information about your health condition and whether Arthrex products might be appropriate for you. The surgeon who performs any surgical procedure is responsible for determining and using the appropriate techniques for surgical procedures on each individual patient. Arthrex recommends that surgeons be trained on the use of any particular product before using it in surgery. A surgeon must always rely on their own professional medical judgment when deciding whether to use a particular product when treating a particular patient. A surgeon must always refer to the package insert, product label, and/or directions for use before using any Arthrex product. Postoperative management is patient-specific and dependent on the treating professional's assessment. Individual results will vary and not all patients will experience the same postoperative activity level or outcomes. Products may not be available in all markets because product availability is subject to the regulatory approvals and medical practices in individual markets. Please contact Arthrex if you have questions about the availability of products in your area.

AutoPose™
 *System*

References

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Indications

The AutoPose™ Restore device is a sterile medical device intended for the closed-loop processing of lipoaspirate tissue in medical procedures involving the harvesting, concentrating, and transferring of autologous adipose tissue harvested with a legally marketed lipoplasty system.

The device is intended for use in the following surgical specialties when the transfer of harvested adipose tissue is desired: orthopedic surgery, arthroscopic surgery, neurosurgery, gastrointestinal and affiliated organ surgery, urological surgery, general surgery, gynecological surgery, thoracic surgery, laparoscopic surgery, and plastic and reconstructive surgery when aesthetic body contouring is desired.

Only legally marketed accessory items, such as syringes, should be used with the system. If harvested fat is to be transferred, the harvested fat is only to be used without any additional manipulation.

Contraindication

- Intravenous applications

Warnings

- Single use only. Do not reuse.
- For autologous use only
- The harvested fat tissue is only to be used for reimplantation without any additional manipulations. Any manipulations beyond those outlined are not recommended.
- Do not reuse AutoPose Restore device during the same procedure. Re-use may compromise the sterility and adversely affect performance of the system.
- Do not overfill AutoPose Restore device with more than 50 mL of total volume of tissue and/or washing solution
- This device will not, in and of itself, produce significant weight reduction
- This device should be used with extreme caution in patients with chronic medical conditions, such as diabetes, heart, lung, or circulatory system disease or obesity
- The volume of blood loss and endogenous body fluid loss may adversely affect intra- and/or postoperative hemodynamic stability and patient safety. The capability of providing adequate, timely fluid replacement is essential for patient safety.



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