## Decrease Pain, Increase Mobility, and Enhance Healing

Nanofat is injected into areas with joint damage, soft tissue defects, and tendon injuries to reduce inflammation, promote tissue repair, and support overall healing.

Studies show that nanofat can regenerate degenerated and diseased tendons, ligaments, and articular cartilage.<sup>1</sup>

### How Does Nanofat Compare to Other Orthobiologic Injections?

PRP, from your blood, contains active growth factors, but it doesn't contain viable regenerative tissue like nanofat. PRP can be combined with nanofat for an effective regenerative injection.

Bone marrow's regenerative potency decreases rapidly with age to about one-tenth of nanofat. It also involves a painful harvesting technique.

#### Prevent or Delay Surgery

Nanofat injections can be an excellent options for patients who don't qualify for or want to avoid intensive surgery.

#### **Improve Surgical Outcomes**

When your condition requires surgical intervention, nanofat can help with post-operation recovery. Studies show that the regenerative properties of nanofat promote wound healing.<sup>2</sup>

Nanofat injections can be used alone or in conjunction with surgery and other pain management treatments.

#### Is Nanofat Safe?

Nanofat is autologous, meaning it comes from you. Your tissue is the only ingredient, meaning there is minimal allergic reaction or rejection risk. The scientific literature reports few or no complications with nanofat injections.

The Tulip devices used in your procedure have FDA clearance and follow FDA minimal manipulation guidance.

#### **What Can You Expect From Your Treatment?**

During your in-office procedure, fat is harvested with a standard medical syringe, usually from an area with excess fat like the abdomen or thighs.

Using groundbreaking technology from Tulip Medical, your fat is cleaned and condensed, retaining its regenerative properties, and then injected into the treatment site.

This procedure can be performed in the office under local anesthesia and can take as little as 60 minutes, or it can be combined with surgical procedures.

- 1: Jeyaraman M, Muthu S, Sharma S, Ganta C, Ranjan R, Jha SK. Nanofat: A therapeutic paradigm in regenerative medicine. World J Stem Cells 2021; 13(11): 1733-1746
- 2: Trevor LV, Riches-Suman K, Mahajan AL, Thornton MJ. Adipose Tissue: A Source of Stem Cells with Potential for Regenerative Therapies for Wound Healing. J Clin Med. 2020 Jul 8;9(7):2161. doi: 10.3390/jcm9072161. PMID: 32650555; PMCID: PMC7408846.





Experience Healing From Within by Embracing Your Fat's Natural Regenerative Power!

**Uses of Nanofat:** 

Join the increasing number of men and women using the healing power of their own fat to improve their lives so they can get back to doing what they love.

#### **Benefits of Nanofat:**

- Autologous (comes from your own body)
- Delivers long-term results
- · Contains viable regenerative tissue
- Reduces inflammation
- Decreases pain
- Minimally invasive procedure with little to no downtime





Joint Osteoarthritis



ccelerate Healing Processes



**Plantar Fasciitis** 



Rotator Cuff Tear



Achilles Tendon Repair



Eliminate or Decrease Pain



**Helps Eliminate Scars** 



**Carpal Tunnel** 

Looking for an all-natural way to reduce your pain? Schedule your consultation and see if nanofat is right for you!

# The Healing Power of Your Own Fat

Repurpose Your Fat to Benefit Your Health and Improve Your Quality of Life.

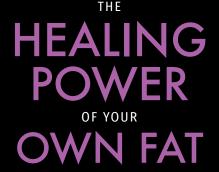
Fat often gets a bad rap; however, fat contains some of the most powerful regenerative components in your body. Additionally, fat tissue retains much more of its regenerative capacity as we age than bone marrow. Nanofat condenses that regenerative capacity to maximize the benefit of a small injection.

### Nanofat treatments typically involve:

- A syringe extraction of unwanted fat under local anesthesia.
- · Cleaning and condensing the fat into nanofat.
- Injecting it into the treatment site with tiny needles.

Many patients have realized a reduction in their pain levels and a speedier healing process with nanofat. This makes nanofat injections a promising option for pain management and regenerative therapies.





Reduce Pain and Improve Healing Using the Regenerative Capabilities of Your Own Fat.



ORTHOBIOLOGIC THERAPIES USE
BIOLOGICAL MATERIAL FROM YOUR
BODY, LIKE BLOOD, BONE MARROW,
AND FAT, TO TREAT ORTHOPEDIC
CONDITIONS WITH INJECTIONS.
NANOFAT IS A POWERFUL INJECTION
OF REGENERATIVE TISSUE FROM
YOUR FAT THAT HELPS MINIMIZE
PAIN, EXPEDITE WOUND HEALING,
REPAIR DAMAGED CONNECTIVE
TISSUE, AND DIMINISH SCARS.



"We've found that over 80% of the patients we treat now get better with a shot rather than with an operation."

T. Scott Stanwyck, MS, MD
Orthopedic Surgeon



**tulipmedical.com**San Diego, CA

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