## Evidence-Based Results Matter to Patients and Physicians Alike

Nanofat results are evident between two and four weeks after treatment, with patients reporting improved texture, elasticity, hydration, and facial skin radiance. [1]

In addition to increased collagen deposition and elastic fibers, many patients have increased epidermal thickness, vascular density, and normal rete ridges one year after treatment. [1]

## Multiple Profit Centers with Nanofat

Nanofat can be added to any treatment plan for better and longer-lasting results.

### Microneedling, lasers, and micro-coring

Through the activation of many growth factors, microneedling promotes the inductions of percutaneous collagen. Many providers are maximizing outcomes by combining nanofat's capacity for regeneration with the additional stimulation of collagen synthesis and scarless repair offered by microneedling, laser resurfacing, and skin-tightening devices. Savvy providers use nanofat as an essential add-on to most surgical procedures, such as for the face, breasts, and body. [1]

### Long-term outcomes and patient satisfaction

As physicians evaluate their patients' outcomes after nanofat treatment, patient satisfaction remains stable, with some reporting continuing improvement even three years later. [1]

### Safety and complications

Studies have shown a very low rate of injection-site complications and established the safety of the protocol. No significant complications have been reported except for temporary erythema. [1]

*Unlike macrofat and microfat, nanofat is not associated with infections, granulomas, or fat cysts.



Photos Courtesy of Greg Pataki, MD





Photos Courtesy of Sophie Menkes, MD

Read the study by Sophie Menkes, MD

### Prejuvenation

The benefits of using nanofat as a regenerative approach for anti-aging strategies can be seen as patients shift toward proactive prevention and maintenance. Patients also love that this beauty regimen is from their own body and is safe and highly effective. [1]

### Scars

Autologous emulsified nanofat injection is an easily mastered, day-care surgical procedure for scar rejuvenation with minimal complications and good patient compliance. It improves the symptoms and texture of all types of scars, particularly those of short duration. [2]

## INCORPORATING REGENERATIVE MICROFAT AND NANOFAT INTO YOUR PRACTICE

- Whether you use microfat and nanofat in a stand-alone procedure or in conjunction with surgery, Tulip's patented technology makes your experience safe, easy, predictable, and cost-effective.
- As the leading company in fat transfer for over 30 years, Tulip has the expertise to help you incorporate the use of adipose regenerative therapies into your practice.

**Free patient brochures available with the purchase of 5 GOLD kits.**




### Profitable Office-Based Procedures

- Under-eye Discoloration
- Barcode Lip
- Scars
- Aging Skin
- Sexual Wellness
- Prejuvenation

## PRACTICE PROFITABILITY:

**High patient satisfaction (86% worth it rating)*, plus a new profit center for your practice.**

**Procedure:** Facial Fat Transfer
**Practice Cost:** Under $500 per Patient
**Average Treatment Price:** $5,000
**Revenue:** $4,500 per Patient
**Surgeon fee** of $2,500 per Hour
**Time:** 60-Minute Procedure
**Profitability Is Immediate.**

*According to RealSelf.com



**GROSS INCOME POTENTIAL:** 5 Patients Per Week/250 Per Year **= $1,250,000 Per Year**

24ASPT038R0

# Regenerative Therapies for the Aesthetic Practice

**Unlock the Power of Fat**

Distributed in Canada by:

KEIR SURGICAL
604.261.9596 | 1.800.663.4525
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Tulip®

**#1 in Fat Transfer since 1991**

## THE NANOFAT STORY

Few procedures have revolutionized aesthetic treatments as Botox® did in 2002, when it first became available for public use to reverse the signs of aging by reducing wrinkles.

**That is, until now.**

A new era (in fat grafting) began when Tonnard, et al., in 2013 described a mechanical process termed nanofat grafting. [1]

**Nanofat is the new aesthetic game-changer you and your patients have been waiting for.**

This emerging solution/therapy is not just a new aesthetic trend but one widely embraced by multiple specialties worldwide for regenerative therapies.

Unlike macrofat and microfat, nanofat is an emerging fat grafting technique with no adverse outcomes associated with infections, granulomas, or fat cysts. It is simple to extract and easy to inject, with high patient satisfaction and long-term regenerative results. [1]

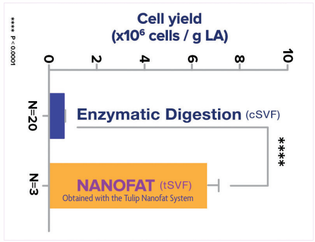


## How Nanofat Works

Nanofat contains abundant stromal vascular fraction and adipose-derived stem cells, which help reconstruct dermal support structures and result in healthier, younger-looking skin. [3]

The many cell types contained in nanofat (tSVF) lead to increased collagen deposition, improved skin suppleness, development of new blood vessels, tissue remodeling, dermal thickening, reduced inflammation, and stimulation of angiogenesis. [1]

**Studies show that nanofat obtained with the Tulip Nanofat System is proven to deliver 10x more cells per gram than enzymatic isolation methods.**




Read the study by Ramon Llull, MD, PhD


1: La Padula, S.; Ponzo, M.; Lombardi, M.; Iazzetta, V.; Errico, C.; Polverino, G.; Russo, F.; D'Andrea, L.; Hersant, B.; Meningaud, J.P.; et al. Nanofat in Plastic Reconstructive, Regenerative, and Aesthetic Surgery: A Review of Advancements in Face-Focused Applications. J. Clin. Med. 2023, 12, 4351.

2: Bhooshan LS, Devi MG, Aniraj R, Binod P, Lekshmi M. Autologous emulsified fat injection for rejuvenation of scars: A prospective observational study. Indian J Plast Surg 2018; 51:77-83.

3: Pengbing Ding, Enhang Lu, Guan Li, Yidan Sun, Wenhui Yang, Zhenmin Zhao, Research Progress on Preparation, Mechanism, and Clinical Application of Nanofat, Journal of Burn Care & Research, Volume 43, Issue 5, September/October 2022, Pages 1140–1144

4: Akbari F, Hadibarhaghtalab M, Parvar SY, Dehghani S, Namazi MR. Toward facial rejuvenation; A clinical trial to assess the efficacy of nano fat grafting on wrinkles. J Cosmet Dermatol. 2024; 23:600-606.

5: Alexander RW. Biocellular Regenerative Medicine: Use of Adipose-Derived Stem/Stromal Cells and Its Native Bioactive Matrix. Phys Med Rehabil Clin N Am. 2016 Nov;27(4):871-891.


BOTOX Trademark of Allergan, Inc.

## What's in the Kit?

**The Tulip GOLD Kit contains everything needed to obtain microfat and nanofat for single office-based treatments, pre-sterilized and ready to use.**

- 1 Single-Use Infiltrator
- 1 Single-Use Harvester
- 1 Single-Use Johnnie Snap
- 1 Single-Use Nanofat Sizing Kit
- 2 BD 20mL Syringes
- 2 BD 10mL Syringes
- 1 Hypodermic Needle

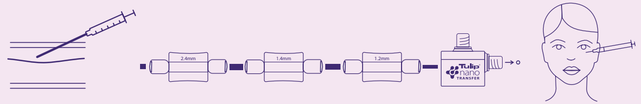



## The Tulip GOLD Kit Is in a Class by Itself:

- Priced for practice profitability
- Microneedling-friendly (validated for injectability with needles as small as 30g)
- Delivers maximum throughput (less nanofat lost in processing)
- Easily permits additives (HD-PRP, HA, Botox)
- Thousands of satisfied users since 2016




## OFFICE-BASED NANOFAT IS AS EASY AS 1-2-3




1 — 2 — 3

**HARVEST & SEPARATE**

Using local anesthesia, perform a fat draw with a syringe and single-use harvesting cannula. Once the adipose tissue is harvested, separate it for processing.

**SIZE DOWN**

Using syringes and the Tulip Gold Kit, process your harvested fat into microfat and nanofat in less than 10 minutes.

**DELIVER**

Now your microfat can be used in volumizing procedures and your nanofat can be used intradermally or topically for regenerative benefits.

**The Only System Clinically Validated to Deliver Nanofat That Is Injectable with 30-Gauge Needles.**

FDA 510K CLEARANCE • HCT/P 361 COMPLIANT

## The Tulip Advantage

- Free Zoom training for you and your staff (including new staff members)
- Free nanofat marketing training to enhance practice profitability
- Nanofat patient educational materials available
- 99% customer satisfaction with quality and workmanship
- #1 company in fat transfer since 1991



**How Is Nanofat a Gamechanger for Skin?**

"Filler fatigue" is growing – The Aesthetic Society noted a 57% increase in filler reversals and a 34% increase in facial fat injections between 2020 and 2021.

Read the report by The Aesthetic Society

## Nanofat Is the Solution to Filler Fatigue

Intradermal injection of autologous nanofat into fine facial wrinkles considerably refines them in every measurable aspect. One of the many advantages of nanofat is that the entire specimen (mixed with HD-PRP or not) can be easily injected through tiny-bore needles (25-30g). This facilitates use in scars, radiation-damaged skin, and hair loss, plus permits more patient comfort. [4,5]

## The Difference Between Nanofat, PRP, and HA Fillers

| Nanofat | PRP | HA Filler |
|---|---|---|
| Autologous | Autologous | Commercially manufactured |
| Addresses rhytids via regeneration | Contains active platelets | Addresses rhytids by temporarily plumping |
| Contains viable regenerative tissue | Short-lived results | Adds temporary volume to soft tissue |
| Delivers long-term results | Releases growth factors | Delivers temporary results |
| Induces matrix regeneration | May speed healing | Difficult to remove |
| Reduces inflammation | Contain zero stem cells | Contraindicated for repeated, long-term use |
| Stimulates angiogenesis | Highly dose-dependent | Office-based procedure |
| Immunomodulates | Office-based procedure | Recurring expense 3 to 4x per year |
| Enhances lipomodeling | Simple blood draw | |
| Increases collagen deposition | | |
| Improves skin suppleness | | |
| Thickens the dermis | | |
| Downregulates melanogenic activity | | |
| Decreases pain | | |
| Promotes metabolic activity | | |
| Decreases fibrotic activity | | |
| Office-based procedure | | |
| Simple fat draw | | |
| Recurring approximately biannually | | |