

## Numerous applications

Renuva® is a short, in-office procedure, making it ideal for a number of small-volume fat transfer applications, such as:

Liposuction Defects

Small Soft Tissue Defects

Cellulite Dimples

## ORDERING INFORMATION

ITEM CODE	DESCRIPTION
AP0001	Allograft Adipose Matrix, 1.5cc
AP0003	Allograft Adipose Matrix, 3cc

To place an order, contact MTF Biologics Customer Service at 800-433-6576.



**mtfbiologics**

Science Driven. Patient Focused.

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**renuva**<sup>®</sup>  
ALLOGRAFT ADIPOSE MATRIX

Engineered to conveniently treat small volume soft tissue defects through an in-office procedure

ALLOGRAFT ADIPOSE MATRIX

**biyodinamik**  
Dig. Tic. Ltd. Şti.

[www.biyodinamik.com.tr](http://www.biyodinamik.com.tr)



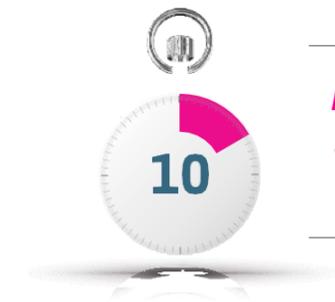
## Revolutionary

Developed by MTF Biologics, Renuva® is an off-the-shelf allograft adipose matrix designed to address small aesthetic defects, such as cellulite dimples, liposuction irregularities, and loss of volume in the temples, cheeks, and hands, *without harvesting patient fat.*

Eliminating this secondary surgery means less OR time for you, and less down time and risk of post-surgical complications for your patients. And unlike synthetic fillers, like Juvéderm® and Sculptra®, Renuva allows the patient's own cells to re-grow the injected space.

## Convenient

Renuva is quick and easy to rehydrate and can be stored at room temperature for up to one year; no need to refrigerate.



Most Renuva procedures can be performed in a 10 minute in-office visit.

Juvéderm is a registered trademark of Allergan.  
Sculptra is a registered trademark of Galderma.

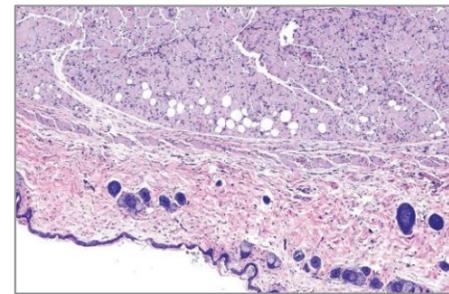
## Grounded in Science

Renuva undergoes minimal processing, rendering the graft sterile per USP <71> while preserving the key growth factors needed for fat creation and survival (adipogenesis and angiogenesis).

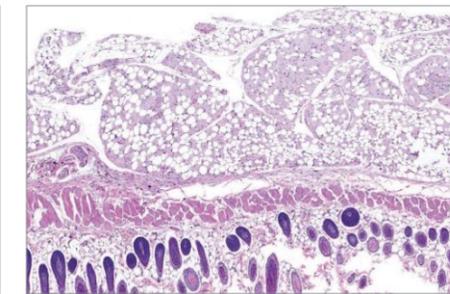
	GROWTH FACTOR <sup>1</sup>	NATIVE HUMAN FAT	RENUVA
KEY ANGIOGENIC FACTORS	Angiopoietin-2	✓	✓
	EGF	✓	✓
	FGF-1	✓	✓
	FGF-2	✓	✓
KEY ADIPOGENIC FACTORS	VEGF	✓	✓
	Adiponectin	✓	✓
	IGF-1	✓	✓
	Leptin	✓	✓
	IL-6	✓	✓

## Renuva injection after 3 and 12 weeks in an athymic mouse

Three weeks post-injection with Renuva: Host-cell infiltration and early adipocyte formation around the periphery of the injected graft.



Twelve weeks post-injection with Renuva: Renuva is well-infiltrated by the host and shows significant adipocyte formation across the entire injected graft.



H&E staining of Renuva injection in an athymic mouse.

<sup>1</sup> Pre-clinical assessment of an adipose-derived allograft scaffold. MTF Correspondence, 2015.

## Proven Results

Below are examples of how two surgeons are using Renuva to address small aesthetic defects.



Before: Posterior Thigh Cellulite Dimple

After: 12-weeks post-injection with 1.5cc Renuva

*"It is the closest feel to your own fat, without the donor site."*

*"There is no longer a need for autologous fat with this off-the-shelf alternative. Injection is easy, performed in clinic, and the results are long lasting. The clinical implications are infinite."*

**Regina Fearmonti, MD**  
Alon Aesthetics

*"Renuva is produced from the highest quality tissue, and gives you the same effect as fat grafting without the need for liposuction."*

**Lisa DiFrancesco, MD**  
Atlanta, GA



Before: Lateral Thigh Dimple

After: 3-weeks post-injection with 3cc Renuva

To learn more about Renuva, please contact your sales representative or visit [myrenuva.com](http://myrenuva.com).