



NEW
EVO

EVOLVED PRECISION FOR SUPERIOR HAIR REGENERATION

UP TO **↑50%**
of Biological Components*

UP TO **70 Billion**
Smart Exosomes**

ADVANCED REGENERATIVE PROCEDURE
with Autologous Micrografting for Androgenetic Alopecia Management

THE MOST POWERFUL MICROGRAFT SOLUTION EVER OBTAINED



↓ MECHANICAL STRESS

↑ HEAT CONTROL

EVOLVED MECHANICAL DISAGGREGATION

90% CELL VIABILITY

UP TO ↑50% BIOLOGICAL COMPONENTS*



PROGENITOR CELLS



SMART EXOSOMES
(Up To 70 Billion)**



GROWTH FACTORS

RESULTS

FASTER AND MORE EFFECTIVE REGENERATION

1

MORE EFFICIENT PARACRINE COMMUNICATION

2

IMPROVED ANGIOGENESIS:

- ↑ Microcirculation
- ↑ New blood vessels creation
- ↓ Inflammation

*Minimum 30% increase resulting up to 50%
**Depending on the protocol applied and patient variables

SMART MICROBLADE TECHNOLOGY



NEW MEDICAL METAL ALLOY COMPONENTS



WHO WE ARE

Regenera Activa AMT® is among the most advanced androgenetic alopecia treatments, utilizing the revolutionary and minimally invasive Rigenera® technology. We are part of Remedi, a pioneering biotech company specializing in **regenerative medicine through Autologous Micrografting (AMT®)**.

With over 10 years of market leadership, we proudly introduce **EVO—the next evolution of our Rigenera® technology, delivering faster and more effective hair regeneration.**

 Autologous and Homologous	 Proven efficacy
 Just 1 session	 No manipulation
 Minimally invasive	 No rejection risk
 Fast and easy 30 min procedure	

WHAT WE DO

Regenera Activa AMT® is a **minimally invasive procedure** that thanks to the Rigenera® technology transforms the patient's own tissue into a **highly active Autologous Micrografting solution (AMT® Triad)**.

This unique solution is composed of biological components that effectively treat androgenetic alopecia by:

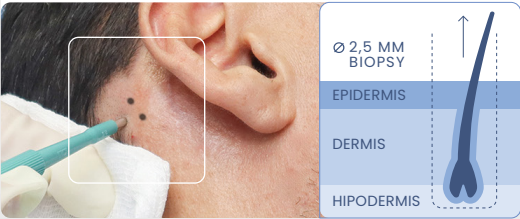


THE SCIENCE BEHIND THE PROTOCOL

1

EXTRACTION

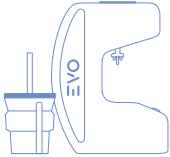
- The skin annex is highly **vascularized** and rich in **biological components**
- Occipital area protected by the action of androgens
- Area protected by the sun and easy to cover



2

PRECISE MECHANICAL DISAGGREGATION

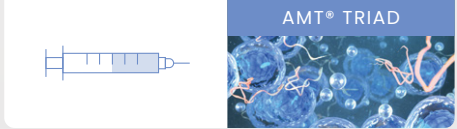
- **Low mechanical stress** for the best micrograft quality
- Heat controlled for **maximum viability**



3

AMT® TRIAD

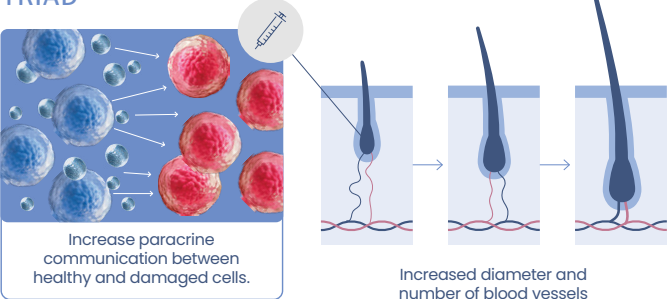
- **80µm** selected and concentrated micrografts with **90% of cell viability**
- High quantity of **Exosomes**
- Preserved cell microenvironment within the micrografts composed by **progenitor cells, growth factors, cytokines, exosomes and extracellular matrix.**




4

MECHANISM OF ACTION OF AMT® TRIAD

- Tissue-specific micrograft components restore communication between hair follicle cells, **recovering healthy hair growth.**
- They release **growth factors** that enhance scalp **angiogenesis** and **microcirculation.**
- Tissue-specific **exosomes** and cytokines help regulate scalp **microinflammation.**



Experience the AMT® Procedure



Scan the QR code now!

AMT® TRIAD COMPOSITION

The AMT® Triad is a unique combination of three essential components derived from the patient's own tissue: **progenitor cells, smart exosomes, growth factors and extracellular matrix**. Together, these components, organized in micrografts smaller than 80 microns, form a powerful suspension that enhances **tissue regeneration** and restores the natural hair growth cycle.¹

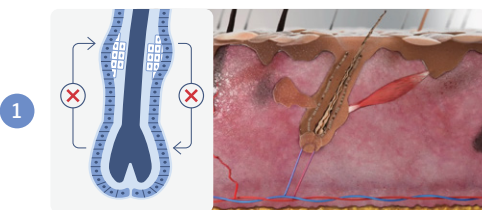
PROGENITOR CELLS
in 80 um micrografts

HUMAN SMART
EXOSOMES

EXTRA CELLULAR MATRIX
with tissue specific
growth factors

AMT® TRIAD IN ACTION

Watch the scientific video in 3D



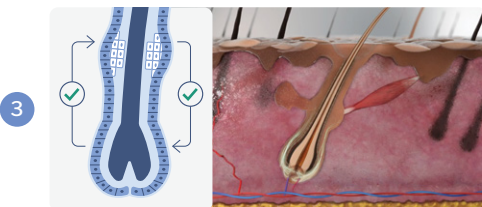
HAIR FOLLICLE AFFECTED BY DHT

Essential **communication** between **dermal papilla** and **bulge cells** during hair growth is disrupted in Androgenetic Alopecia (AGA). Dihydrotestosterone inhibits Wnt-B-catenin signaling in dermal papilla cells, leading to **shortened anagen phases** and **hair miniaturization**.²



AMT® TRIAD IN ACTION

Through a **minimally invasive** and **safe** procedure, the AMT® Triad is injected into the affected area of the scalp, **restoring the communication** between the bulge MSCs and the dermal papilla cells within the hair follicle.³



RESTORED PARACRINE COMMUNICATION

Triggering a paracrine action through exosomes and growth factors, the hair metabolic pathways are restored and the **miniaturization process reversed**, promoting a **natural** and **healthy hair follicle cycle**. As a consequence, the hair shaft grows thicker and in a better quality.⁴

THE IMPORTANCE OF HUMAN SMART EXOSOMES

Our recent studies have quantified the precise number of Smart Exosomes within our AMT® Triad. Thanks to the improved precision of the new EVO, we have **increased to 70 billion* human Smart exosomes per session**.

These extracellular vesicles **adapt their regenerative signals** to the patient's specific needs, promoting tissue regeneration, remodeling angiogenesis and cell growth by targeting key genes like collagen A3, FGF-2, MMP-9, and IL-10.⁴

Unlike others, they offer precision healing through their inherent intelligence and tissue specificity.

70 Billion Human Smart Exosomes* in One Session

The First Autologous and Tissue Specific in the market

Personalized Agents to modulate inflammation and healing

No Manipulation for Maximum Safety and No Side Effects

Scientifically Proven Efficacy

*Depending on the protocol applied and patient variables



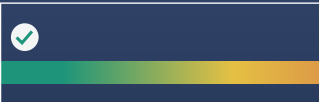

1 Gentile P, Scioli MG, Bielli A, Orlandi A, Cervelli V. Stem cells from human hair follicles: first mechanical isolation for immediate autologous clinical use in androgenetic alopecia and hair loss. Stem Cell Investig. 2017 Jun 27;4:58
2 Ruiz RG, Rosell JMC, Ceccarelli G, De Sio C, De Angelis GC, Pinto H, Astarita C, Graziano A. Progenitorcell-enriched micrografts as a novel option for the management of androgenetic alopecia. J Cell Physiol. 2020 May;235(5):4587-4593
3 Ruiz RG, Rosell JMC, Ceccarelli G, De Sio C, De Angelis GC, Pinto H, Astarita C, Graziano A. Progenitorcell-enriched micrografts as a novel option for the management of androgenetic alopecia. J Cell Physiol. 2020 May;235(5):4587-4593
4 Gupta AK, Wang T, Rapaport JA. Systematic review of exosome treatment in hair restoration: Preliminary evidence, safety, and future directions. J Cosmet Dermatol. 2023 Sep;22(9):2424-2433.

STUDY RESULTS








+218% TOTAL HAIR COUNT	+30% HAIR DENSITY	-20.6% TELOGEN PHASE HAIRS	+7.7% ANAGEN PHASE HAIRS	 Download here the main scientific publications
+189% DENSITY IN TERMINAL HAIR	+395% DENSITY IN VELLUS HAIR	↑ INCREASES ANGIOGENESIS		

BENEFITS: THE IDEAL PATIENT

Recommended Regenera Activa: **LUDWIG FROM I TO II** and **HAMILTON FROM I TO IV**

LUDWIG SCALE FEMALE PATTERN HAIR LOSS 	HAMILTON SCALE MALE PATTERN HAIR LOSS 
Regenera Activa AMT® <input checked="" type="checkbox"/> 	Regenera Activa AMT® <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> 
Purpose PREVENT PRESERVE ENHANCE PREPAR FOR HT	Purpose PREVENT PRESERVE ENHANCE PREPAR FOR HAIR TRANSPLANT

RESULTS IN ANDROGENETIC ALOPECIA

-  Stop Hair Loss
-  Prevents hair loss progression
-  Delay the need of hair transplant
-  Increase Hair Thickness and Quality
-  Increase Hair Density
-  Stop Hair Miniaturization
-  Maintain transplanted Hair Follicles





THE ONLY PROVEN
AUTOLOGOUS
MICROGRAFTING
PROCEDURE

WE ARE THE FIRST AND TRUE ORIGINALS

WE ARE SCIENCE

+80 SCIENTIFIC
PUBLICATIONS

WE ARE SAFETY

+450k SUCCESSFUL
PROCEDURES

WE ARE QUALITY

+10 YEARS OF
INNOVATION &
EXPERTISE

REMEIDI



Worldwide Distributor of Rigenera® technology

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For more information or
to schedule a meeting,
visit our website



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US FDA Establishment
Registration Number:
3010882686



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Manufacturers
Association

