

# drMelas

RECOVER **YOUR CONFIDENCE**



**ESSENTIAL COSMETIC  
POST-TRANSPLANT HAIR  
TREATMENT SET**

*Finaderm Labs*

# What is drMelas?

**Dr. Melas** is a line of hair cosmetics that can be used in the **post-transplant** stage, with products designed to collaborate, with their cosmetic efficacy, in the recovery the aspect of the scalp surface, strengthen hair and collaborate in healthy aspect.

With the foams that can be used in the post-hair transplant we want to achieve an optimized the aspect and a progressive strengthening of the hair.

The main objective is to offer a comprehensive cosmetic solution that improves the scalp in each phase of the process: from the acquisition of the optimal aspect of the scalp to collaborate in the growth. Using products that are easy to apply and have visible results.



## Why foam?

With the foams for post-hair transplant cosmetic use we want to achieve an optimized recovery of the scalp aspect and a collaborate in the strengthening of the hair.

The main objective is to offer a comprehensive cosmetic solution that cosmetically contributes cares for the scalp healthy aspect in order to recovery of the scalp's normal appearance. Also to facilitate hair growth, using products that are easy to apply and have visible results.

## Key objectives

<b>Promoting healthy scalp appearance</b>	Promote rapid and effective improvement in the aspect of scalp skin after transplantation.
<b>Nourishing scalp and hair follicles</b>	Fortifying with its nourishing properties of the hair. Ensuring that they keep a healthy during the first weeks.
<b>Collaborating in hair growth</b>	With it cosmetic ingredients helps to maintain the surface of the scalp in the best conditions for the hair growth.
<b>Balancing scalp moisture and oil levels</b>	Regulating hair sebum and keeping the scalp hydrated and nourished, contributing to scalp healthy aspect.

## Differential Value

The foams are not only functional in its cosmetic formulation, but also provide a pleasant experience for the user, which increases adherence in the user.

This differential value makes the foams a premium solution, which not only seeks cosmetic efficacy, but also a pleasant experience for the user. Giving a healthy aspect for all types of hair.

## **Why foam?**



### **Ultra-light and practical**

Foam formulation provides gentle and even application not damaging, nor interfering with the newly implanted follicles.



### **Formulated with advanced skincare ingredients**

The foams are formulated with the most advanced ingredients used in skincare for hair scalp products.

The formula is free of alcohol, propylene glycol and irritants. Is a gentle formula, suitable for most scalp skin types.



### **360° Focus**

Supports multiple phases of the hair transplant recovery process.

A convenient, all-in-one system for hair transplant aftercare. Is unique in the market, avoiding the need to combine products from different brands.



### **Pleasant to use**

Lightweight, non-greasy foam formulation for easy application. Eliminating the discomfort that can be associated in some other cosmetic treatments after transplantation.

**With these foams tested to be as inert as possible, we avoid the possible adverse effects (such as itching and/or irritation) generated on the scalp by products such as alcohol or propylene glycol.**

Alcohol-free, it facilitates better dispensing and mode of use (requires gentle massage), which leads to greater efficacy of the product.

The shampoo foam format produced by its dispenser cleanses the scalp and reduces the possibility of causing trauma to the newly transplanted hair.

## **How does the post-transplant process improve?**

### **1. Cosmetic effect collaborating in the recovery of the scalp**

The foams favor a fast recovery of the scalp surface after the application of the implants. So it helps to protect and maintain it in good condition, much better than traditional cosmetic treatments. This allows patients to notice a visible improvement in less time, with less discomfort and possible adverse effects.

### **2. Gentle and Safe Application without Damage to the Grafts**

This cosmetic formulation allows a smooth and uniform application, avoiding damage to the grafts, unlike denser products such as creams or lotions.

The product presentation offers greater protection for the transplanted follicles, maximizing the chances that they will remain healthy and productive in the early stages of growth.

### **3. Cosmetic nourishing properties may help to support healthy-looking hair**

The fortifying cosmetic formula, has nourishing effects on the hair bulb. This makes the transplanted hair more resistant from the beginning. Favoring a more uniform and stronger growth and can contribute to the appearance of fuller-looking hair.

### **4. Synergistic effect in the hair healthy aspect**

It assists in the healthy growth of follicles, so the appearance of new hair seems healthier and more consistently. This allows patients to feel that there are faster results; improving their satisfaction with the cosmetic treatment in the short and long term.

## 5. Maintaining Scalp Balance

The effect in the surface sebum control of the foams; keeps the scalp balanced, preventing oil build-up that could clog follicles and could affect their aspect. This creates a healthy, clean scalp, ideal for new hair growth and reducing complications associated with excess oil.

## 6. Improved Cosmetic Treatment Adherence

The pleasant sensory experience of the foams, with rapid absorption and light texture, increases patient comfort and encourages regular use. This makes patients more consistent in daily application, maximizing cosmetic treatment results and achieving a higher long-term success rate.

## 7. Covering All Stages with the Dr. Melas' cosmetics

Post-transplant cosmetic treatment is designed to contribute a better aspect in all critical phases of the process. This comprehensive approach avoids the use of multiple, uncoordinated cosmetic products. As a result, patients get a consistent and effective solution for each stage providing a smoother experience and more satisfying results.



## Conclusion: Integral Cosmetic Improvement of the Post-Transplant Process

The foams offer improvements in scalp aspect, hair bulb nourishing and contributes to better aspect from strengthening and growth. In addition enhancing the patient experience. This results in a more comfortable recovery due to their cosmetic properties, faster visible results and greater likelihood of successful hair aspect and growth.

**The key differentiating value lies in the combination of efficacy and pleasurable cosmetic sensory experience, enabling the patient to achieve superior results without sacrificing comfort or safety.**

# REGEN SCALP COSMETIC ENHANCEMENT

## 1

**Great  
sensation**

**Fast  
absorption**

**Scalp aspect  
improvement**

**Nourishes**

**Moisturizes  
and soothes**

**Healthy  
aspect**



During the first two weeks after the transplant, it is crucial to care for and protect the treated area using the right cosmetic products. The soothing and nourishing foam will be your ally, helping to improve the healthy aspect of the scalp and the implanted follicles.



0% alcohol  
0% propylene glycol  
0% perfume

*High concentration of floral waters*

Fast absorbing foam with soothing, moisturizing and nourishing properties.

A cosmetic that can be apply on irritated and reddened scalp, reducing the discomfort sensations. Its purpose is to moisturize and nourish the surface of the scalp. That cosmetic effect could contribute to help the regeneration of cells in the follicular units and perifollicular tissues.

## How to use



It is recommended to apply to the areas involved in the hair transplant, starting with the hair donor area, distributing the product gently with the fingertips until it reaches the transplanted area.

The product should not be rinsed off but allowed to soak in.

## Key assets



**Annonasense**

**Bodyfensine**

**TECA**

*Some studies references for the main ingredients:*

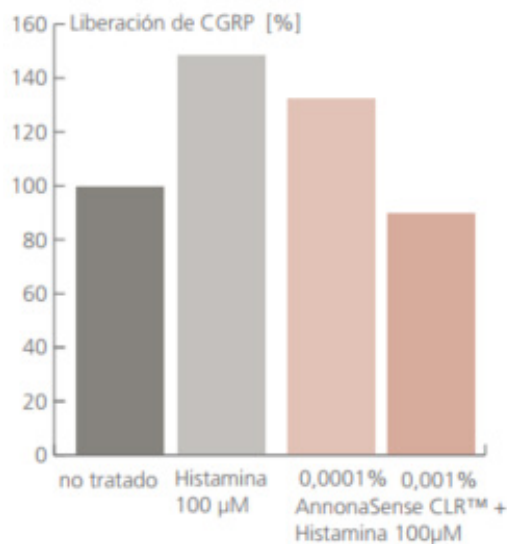


**Annonasense**

*Natural ingredient that is obtained directly from Annona cherimola.*

It is obtained directly from Annona cherimola. Available studies indicate that it promotes the stabilization of physiological processes and homeostasis at the capillary and dermal level in general. Efficacy studies are available on the effect of histamine at dermal level; so that skin discomfort is reduced.





### Reducción de la inflamación inducida por histamina

Se cultivaron queratinocitos humanos primarios con AnnonaSense CLR™ durante 24 horas, después de lo cual se aplicó histamina (100 µM). Se midió la expresión de CGRP en el momento basal y después del tratamiento con histamina, con o sin preincubación con AnnonaSense CLR™ (Fig. 6).

### Resultados

La producción de CGRP en el momento basal (sin tratamiento) se estableció en un 100 %. El tratamiento con histamina condujo a un aumento de casi el 50 % en la producción de CGRP. Sin embargo, la preincubación con AnnonaSense CLR™, causó una disminución clara de la producción de CGRP, incluso más baja que en el momento basal.

### Molestias cutáneas

Se aplicó una única vez AnnonaSense CLR™ después de la aparición de picor. En una prueba a ciegas, 22 voluntarios se aplicaron la formulación de AnnonaSense CLR™ y 20 la formulación placebo. Se puntuó el picor en t = 0, 1 min, 5 min y 24 horas. El valor basal en t = 0 se establece en un 0 % (Fig. 9).

### Resultados

El picor es un fenómeno frecuente para el consumidor. El alivio instantáneo, pero especialmente el alivio duradero del picor es un objetivo importante de una formulación cosmética que pretende mejorar la salud y el bienestar del consumidor. Como el picor es un fenómeno muy subjetivo, es necesario tomarse muy en serio el efecto placebo. La formulación placebo puede aliviar hasta el 40 % del picor percibido sin tener absolutamente ningún efecto biológico sobre los procesos biológicos que participan en el picor. Por tanto, es importante demostrar con AnnonaSense CLR™ que puede generar alivio del picor que sea considerablemente mayor del 40 %. En este estudio, este punto se demostró claramente. Mientras los efectos de la formulación que contenía AnnonaSense CLR™ fueron mejores que el placebo correspondiente después de 1 y 5 minutos tras aplicar los productos, el efecto después de 24 horas fue claramente mayor que el de placebo. Como podía esperarse, la formulación placebo fue capaz de reducir el picor en casi un 37 %. La misma formulación que contenía además AnnonaSense CLR™ superó en rendimiento a la formulación placebo en casi un 18 %, mostrando una reducción global del picor de casi el 55 %.

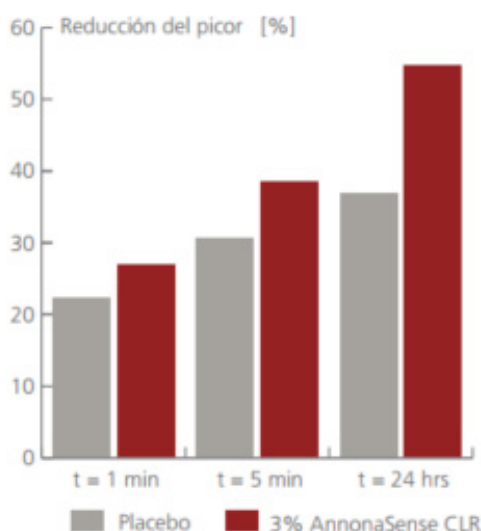


Fig. 9: Evaluación de las molestias en la piel

**Key  
assets**

**Bodyfensine**

*Bodyfensine is a tripeptide.*

Bodyfensine is a tripeptide for which studies indicate activity in reinforcing the skin's natural defense mechanisms. It strengthens the skin's natural defenses by activating its first protective barrier against the environment.

This could translate into Bodyfensine helping to reduce the risk of damage caused by external agents during times of increased vulnerability after transplantation.



# Key assets

## TECA

*A purified extract that contains only some of the active molecules of Centella asiatica: the triterpenes.*

It has demonstrated efficacy in the skin's own repair processes. Improves the appearance of damaged areas of the skin, such as marks and scars.

### IN VIVO > FASTER REPAIR OF DAMAGED SKIN

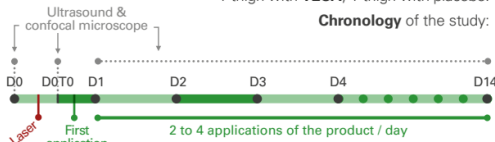
#### IN VIVO PROTOCOL

2 tested products: A=Placebo & B=formula with **0.2%** of **TECA**.

Panel: 20 caucasian women (20 to 65 years old) with stretch marks on top of both thighs and planning laser intervention. Prototype I to III.

For each volunteer: **randomised application**:  
1 thigh with **TECA**, 1 thigh with placebo.

**Chronology of the study:**



#### ANALYSIS

Measurements on areas not covered by stretch marks:

- Measurement of repair & inflammation of the dermis by high frequency ultrasound (50MHz):
  - ✓ Dermis density measurement (decreased density indicates alterations of the tissue and inflammation)
  - ✓ Height measurement of lesions in the dermis ("micro-thermal zone" induced by laser)
- Signal density measurement showing inflammation of the epidermis by confocal microscope (VIVASCOPE : up to 150 microns)

### IN VIVO > REDUCING STRETCH MARKS\*

#### IN VIVO PROTOCOL

2 tested products:

A=Placebo & B=Triffadine formulation with **1%** of **TECA**.  
20 volunteers applying formulation B with **1%** of **TECA**.  
20 volunteers applying the placebo.

Panel : 40 women-post-delivery volunteers with recent stretch marks (beginning the study 3 to 9 months after delivery).

**Application** : twice a day during 3 months.

#### STUDY

**Evaluation of the clinical and echographic efficacy**  
(double blind versus placebo):

- Measures of the width and length with a dial caliper
- Measures of color of stretch marks by scoring (clinical observation)
- Ultrasound of stretch marks at the beginning and at the end of the study.

At D4 *versus* D0, there is no more inflammation in the epidermis showing faster repair (10 days before placebo)

**Dermis density measurement** (after laser treatment) *versus* D0 (before laser treatment)  
(a  $\nabla$  in density reveals tissues alteration and an inflammation)

- At D1 and D4, improvement of the dermis density by **34%** and **60%** with **TECA**, compared with placebo.
- At D14, there is no more decrease of density thanks to **TECA**. Back to normal with **TECA**, while placebo still shows a significant decrease in density.

**Measuring the height of the lesions in the dermis** (after laser treatment) *versus* D0T0 (before application of the product)  
(lesions induced by laser)

- At D2, the decrease by **58%** in the height of the lesions is significant with **TECA** 2 days before the decrease is significant with the placebo. Skin repairs faster with **TECA**.

**Signal density measurement showing epidermis inflammation** (after laser treatment) *versus* D0 (before laser treatment)  
( $\nabla$  in signal density =  $\nabla$  inflammation)

- At D4, there is no more inflammation with **TECA** 10 days before placebo.

Curative effect with improved appearance of stretch marks

Stretch marks length

**-26%** with **TECA**  
versus -3% with placebo

Stretch marks width

**-40%** with **TECA**  
versus -6% with placebo

Stretch marks color  
(variation of color intensity)  
on score asset

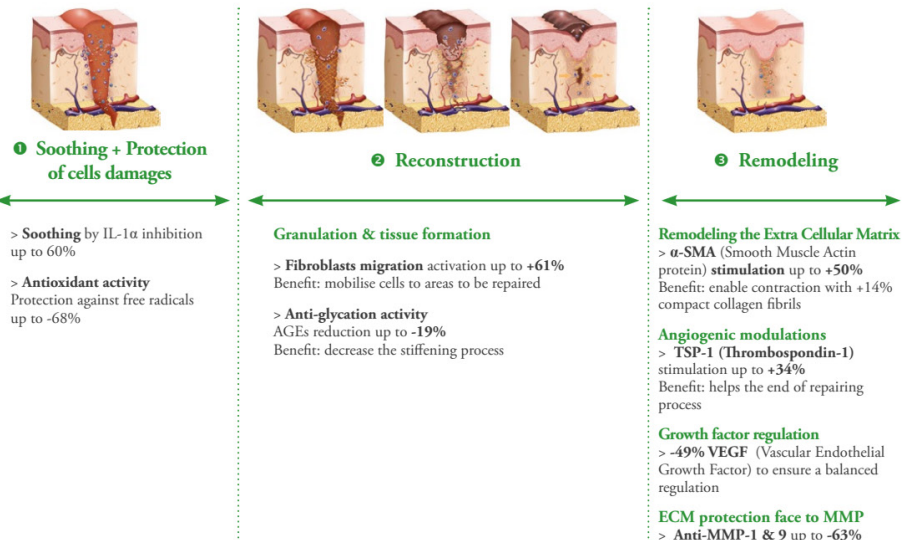
**-50%** with **TECA**  
versus -25% with placebo

#### + Beginning of the dermis repairing

Measurement by high frequency ultrasound 20MHz of dermis atrophy and collagen fibers heterogeneity.  
After 3 months, improvement or stabilization, depending on each volunteer, of the dermis thickness and a better homogeneity of the collagen fibers orientation.

\*source : C.Laugel et al. Evaluation of the clinical and echographic efficacy of a cream with Centella asiatica in the treatment of stretch marks. Les Nouvelles dermatologiques, vol 18, 412-416 (1999).

### IN VITRO > SOOTHING, RECONSTRUCTION, & REMODELING THE SKIN



# REGEN SCALP CLEANSER

## 2

**Eliminates  
impurities**

**Non-drying**

**Ultra gentle  
cleaning**

**Ensures  
integrity**

**Contriubutes to  
bulbs fortifying**

**Maintains  
balance**



After the third week, when the scalp has begun to stabilize, the use of the foam shampoo can be started. This step ensures gentle cleansing without compromising the grafts, while strengthening the hair bulb.



0% salt  
0% sulfates  
0% perfume

*High concentration of floral waters*


Cleansing foam. The ideal ally for initial cosmetic treatment and suitable for continuous use.

This sensitive scalp shampoo is ideal for those who are looking for a shampoo that provides a soothing sensation to the scalp after a hair transplant.

Provides ultra-gentle cleansing, ideal for delicate and newly treated areas of the scalp. Minimizes the risk of accidental removal of newly implanted follicular units.

## How to

### use



Wet the hair and scalp, apply the foam and massage gently and leave on for 2-3 minutes then rinse with lukewarm water. Its formulation is designed for frequent washing and can therefore be used daily for proper scalp and hair hygiene.

## Key assets



**Follicusan**

**Soluvit Richter NP**

*Some studies references for the main ingredients:*



**Follicusan**

*A mixed compound of hair cosmetic use.*

The trichogram assay technique allows evaluation of the proportion of hair in the anagen (growth) and telogen (resting) phase, which is significantly altered in cases of alopecia.

A study using the trichogram technique before and after three months of cosmetic treatment with a formula containing 5% Follicusan™ DP. It showed a significant reduction of hair in telogen phase and an increase in hair in anagen phase, suggesting the efficacy of the cosmetic treatment in promoting hair growth.

Hair loss or thinning hair is common and requires sensitive tools to monitor hair loss and cosmetic treatment efficacy.

TrichoScan® is a technique that measures biological parameters of hair growth, such as hair density, cumulative thickness and anagen/telogen ratio, by combining epiluminescence microscopy and digital image analysis.

In a study with 24 women with androgenetic alopecia, a formula containing 5% of Follicusan™ DP was applied to the scalp twice a day, showing its positive impact on hair growth.

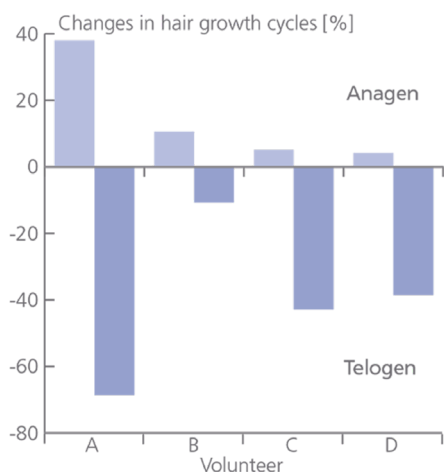


Fig. 8: Influence of Follicusan™ DP on alopecia diffusa

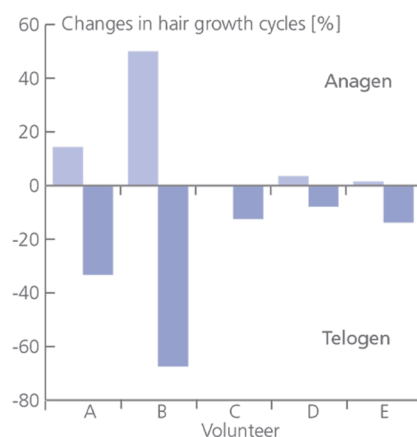


Fig. 9: Influence of Follicusan™ DP on alopecia androgenetica

## Key assets

### ● Soluvit Richter NP

*Active ingredient with a careful selection of multiple vitamins and horse chestnut extract; with multiple benefits on the skin and scalp*

Active ingredient with a careful selection of multiple vitamins and horse chestnut extract; with multiple benefits on the skin and scalp: protects, promotes hair growth, moisturizing, antioxidant and dermal cell proliferative to improve its appearance.

# REGEN SCALP ACTIVATOR

## 3



From the fifth week onwards, the new hair will start to show signs of growth. Here the foam cosmetic properties play a key role in the aspect of hair follicles and contribute to minimize excess oil on the scalp.



0% alcohol  
0% propylene glycol  
0% perfume

*High concentration of floral waters*

Hair aspect improvement. Foam for post-transplant use.

The objective is to strengthen the hair follicles, keep the scalp free of impurities and balanced, and promote continuous and healthy hair growth.

## How to

### use



Use once a day on wet or dry hair. Apply sufficient amount and massage thoroughly into scalp and hair roots. Do not oversaturate. Do not rinse.

## Key assets



**Redensyl**

**Anargy**

*Some studies references for the main ingredients:*



## Redensyl

In a clinical investigation, a lotion with Redensyl® 3% was applied to half of the participants and the number and density of hairs in anagen and telogen phase and the relationship between anagen and telogen hair density were evaluated.

It has been determined that after using Redensyl® 3% lotion for 3 months, participants experienced an 8.90% increase in anagen hair and a 16.50% decrease in telogen hair.

Redensyl® has been shown to increase the ratio between the density of hair in the anagen and telogen phase. After 3 months of cosmetic treatment, the ratio increased by 29%, while participants treated with placebo showed no significant evolution.



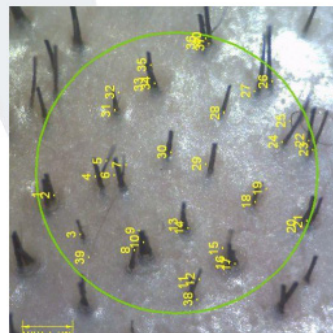
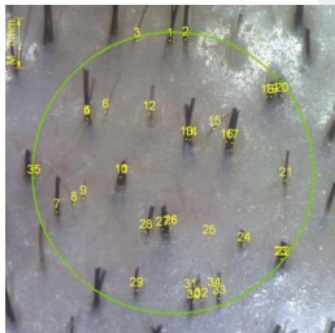
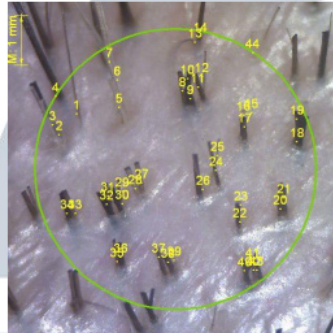
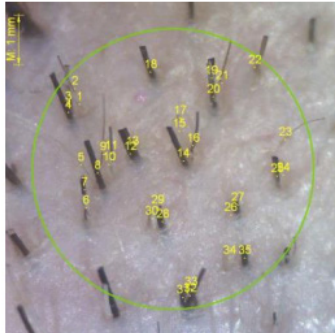
# Key assets

## Anargy

Up to 548 less hair loss (85%) after washing and styling in 45 days with 1% Anargy.

T0 días

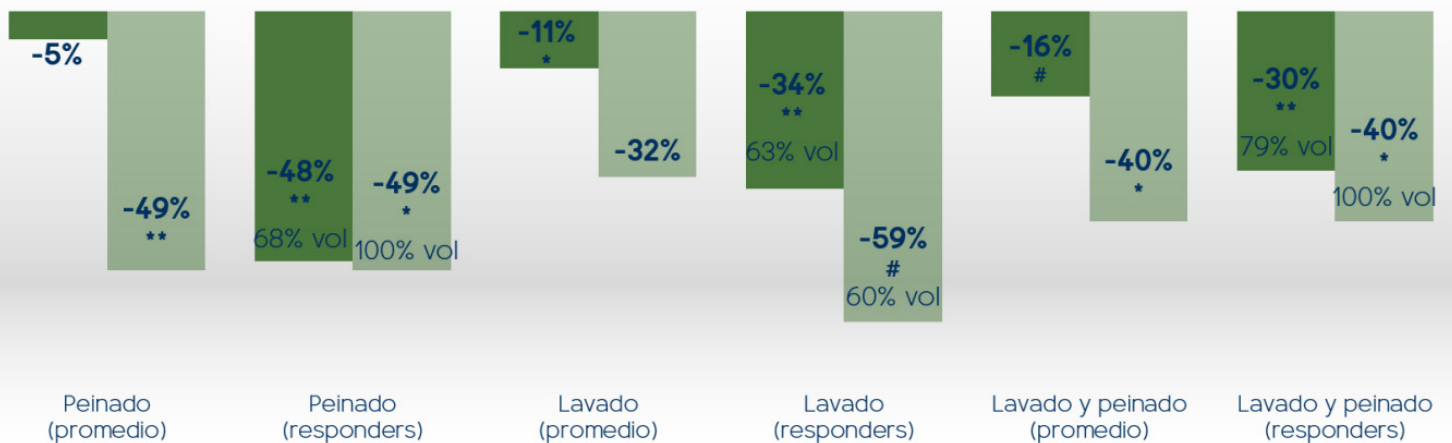
T150 días



- +25% of  $A_{150}/T_{150}$
- +7% of  $A_{150}$  -14% of  $T_{150}$
- +26% density
- 41% hair loss (washing and styling)
- 57% hair loss (styling)
- 25% hair loss (washing)

### Lavado y peinado (T150 días, hombres y mujeres, %)

■ 1% de Anargy™ ■ 2,5% de Anargy™



# The post-transplant process summary

The post-hair transplant process is divided into several stages, extending over several weeks and months, with changes in the scalp and hair growth.

## Transplant

### Week 1: Initial Recovery

#### Day 1 to 3

In the first few days, the scalp will be sensitive, with redness, swelling and small scabs around the grafts. It is crucial to follow the doctor's postoperative instructions, such as avoiding touching the grafts and keeping the area moisturized.

#### Day 3 to 4

The scabs will begin to form and dry, which is part of the natural healing process. At this stage, it is important to avoid any rubbing or damage to the grafts.

### Week 2: Adaptation and Healing

#### Day 7 to 14

The crusts will gradually fall off, and the inflammation subsides. The scalp may continue to show signs of tenderness or redness.

*Advice: Do not expose the scalp to direct sunlight or use products that have not been recommended by the doctor.*

#### Week 3

During this phase, the scabs should have disappeared and the scalp will be healing. The transplanted hair may start to fall out (shock loss phase), which is completely normal. Redness may persist, especially in people with sensitive or fair skin.

*Advice: Start using specific products recommended to promote scalp recovery and regeneration, avoiding intense physical activity that may affect the transplanted area.*

### Week 4 (Month 1): Temporary Drop / Shock Loss

#### Week 5

At this stage, much of the transplanted hair will fall out. This phenomenon is normal and expected, known as “shock loss”. The hair follicles remain intact, but the transplanted hair enters a resting phase.

#### Week 6

It may seem that the transplant has not worked, but it is part of the natural cycle of hair growth.

#### Week 7

*Advice: Maintain a gentle cleansing routine to avoid clogging follicles and not be alarmed by hair loss.*

### Week 8 (Month 2): Initial Growth

New hair growth begins. At this stage, the transplanted follicles begin to produce new hair, although initially it will be fine and weak. thin and weak.

#### Month 3

It is normal for new hair to grow unevenly, with some follicles more active than others.

*Advice: Use growth stimulating products that help strengthen follicles and promote healthy, even growth.*

### Month 4: Active Growth

From the fourth month, hair growth will be more noticeable. The new hair begins to gain thickness and strength, which improves hair density.

#### Month 5

The scalp will be more stabilized and growth will be more uniform.

*Advice: Maintain a proper hair care regimen for long-term growth, using products that strengthen the hair bulb and regulate sebum.*

### Month 6: Final Results

During this stage, the results of the transplant become more evident. Most of the transplanted hair will have grown, reaching 60% to 80% of the final results.

Transplanted hair will more closely resemble natural hair in terms of thickness and texture.

*Advice: Maintain a regular care routine to preserve scalp health and optimize hair growth.*

## • Month 12: Final Results

The growth process is completed around month 12 or 18, where the hair has reached its final length and thickness.

At this point, the results of the hair transplant will be completely visible and natural.

## • Month 18

**By following this process we achieve the following objectives:**

*Promote continuous and healthy hair growth.*

*Regulate excess sebum that could clog follicles.*

*Keep the scalp free of impurities and balanced.*

*Fortifying the hair bulb to ensure the integrity of new hair.*

*Stimulate new hair growth and reinforce its structure.*

*Gentle cleansing to remove impurities without damaging the treated area.*

*Maintain scalp balance without drying out the scalp.*

*Promote the healing of small wounds.*

*Keep the scalp soothed and protected.*

*Keep the scalp fresh and balanced.*

*Continue to strengthen hair follicles.*

*Reduce redness and inflammation.*

# drMelas

Three simple effective cosmetic products to support and maintain the hair scalp aspect and beauty during the transplant recovery

Week  
1-2

Scalp and  
hair vitality



Week  
3-4

Cleaning and  
resilience



Week  
5-8

Promotes a  
healthy scalp  
environment



# drMelas

RECOVER **YOUR CONFIDENCE**



**YOUR SOLUTION IN**  
**3 SIMPLE STEPS**