

HAIR RECOVERY PROGRAMME

CUTTING EDGE TECHNOLOGY



PHARMA
HERMETIC

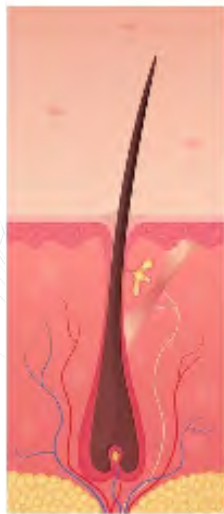


polocosmetics BV

Hair loss, also called alopecia, is a disorder caused by an interruption in the body's cycle of hair production. Hair loss can occur anywhere on the body, but most commonly affects the scalp. On average, the scalp has 100,000 hairs that cycle through periods of growing, resting, falling out, and regenerating.

A hair growth cycle consists of three phases:

Growth phase:
ANAGENE
3 years



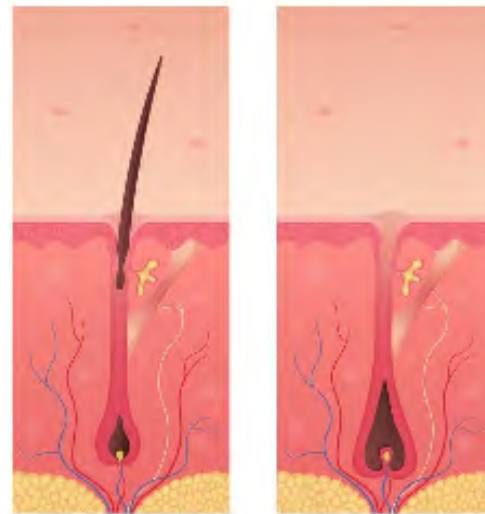
Bulb regenerates itself then produces the hair shaft.

Resting phase:
CATAGENE
3 weeks



End of shaft production Retraction and upward migration.

Hair falls:
TELOGENE
3 months



Pause before expulsion (golf club structure). A new anagen phase can start.

HAIR RECOVERY PROGRAMME

HRP is the solution to hair loss, if there is any hair loss signal we have the answer, in 8 weeks we guarantee that your hair will be back, thicker, and stronger as it used to be.

It work at the level scalp in the hair bulb revitalizing the growth of the same and making it obtain a greater thickness and strength.

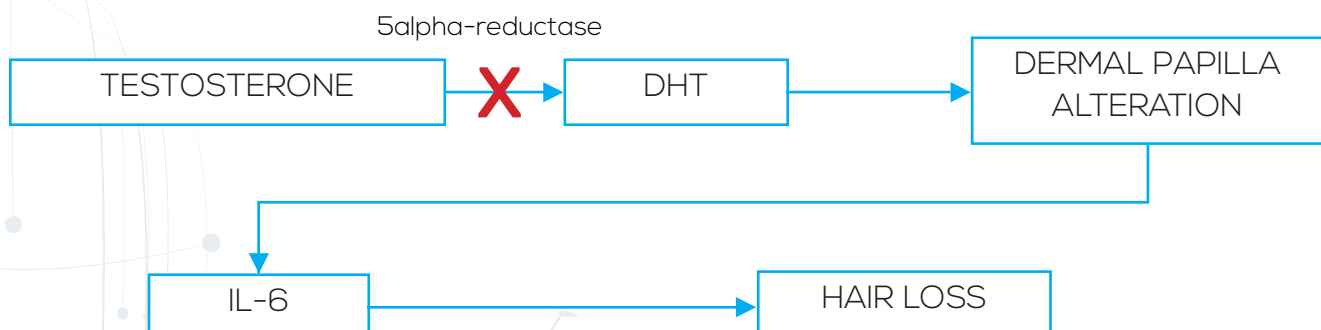
Helps strengthen the anchorage of the root, strengthen the hair and rebalance the scalp.

The primary androgens—testosterone, pregnenolone, androstenedione and DHEA (dehydro-epiandrosterone)— normally regulate male and female sexual development and behavior by binding to receptors on target cells throughout the body.

Another androgen, dihydrotestosterone (DHT), has been identified by researchers as a cause of male pattern baldness. DHT is synthesized from testosterone by the enzyme 5alpha-reductase.



Formation of the hormone DHT from testosterone to hair loss





PHARMA
HERMETIC

HAIR RECOVERY PROGRAMME

In addition, our Pharma Hermetic HRP® works on stem cells, if the hair bulb has not died, it enhances the growth of new hair. It activates the self-generation of the hair cells and providing all the necessary nutrients to repair the weakened and brittle hair, making them healthier, stronger and more voluminous.

We work on the autoregeneration of the capillary cells.

We rely on ingredients suitable to penetrate the scalp and stop hair loss.

Non-invasive treatment.

No side effects.

Lasting results.

Natural therapy.



HAIR RECOVERY PROGRAMME

- Hair is naturally renewed by stem cells.
- Hair loss is triggered by an unbalanced immune response coordinated by DHT.
- This increase hair stem cells division to restore it.
- Hair Stem cell pool is then depleted and after exhaustion hair is no longer recuperable.
- Hair loss is a complete process influenced by diet, stress, etc. It must be attacked with a combined strategy considering both aspects.
- Prevention of hair loss must consider both increasing life length of hair stem cells and balance the scalp nutrition.

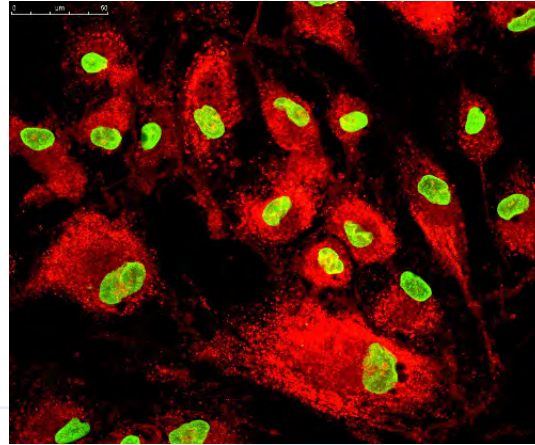
A complete strategy must be used to fight hair loss back, including an inside-out approach with scalp treatment and an inside-out rout to supply hair stem cells with all specific nutrients and ions they need.



HAIR RECOVERY PROGRAMME

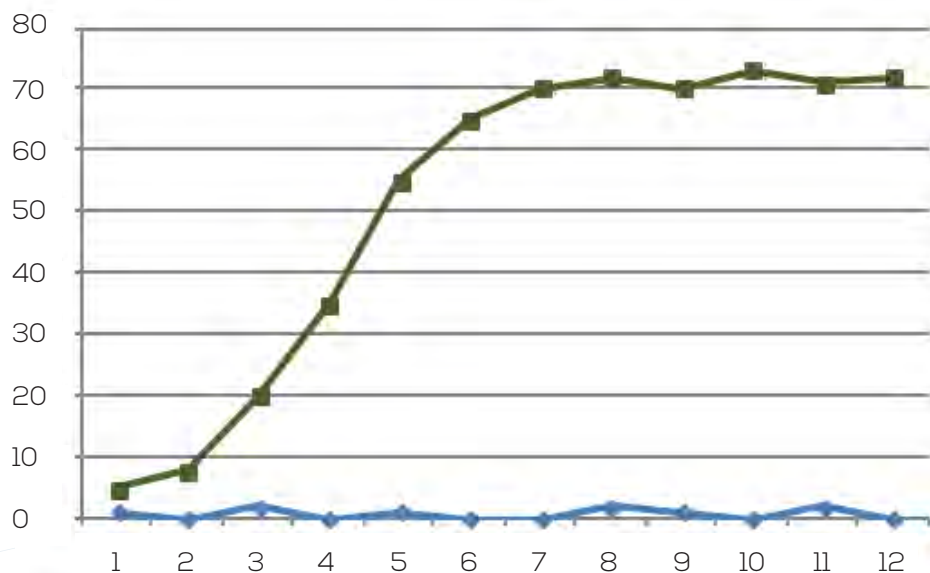
PHARMAHERMETIC HRP

treated hair follicles show an enormous amount of hair stem cells (red) in the process of producing actual new hair (green).

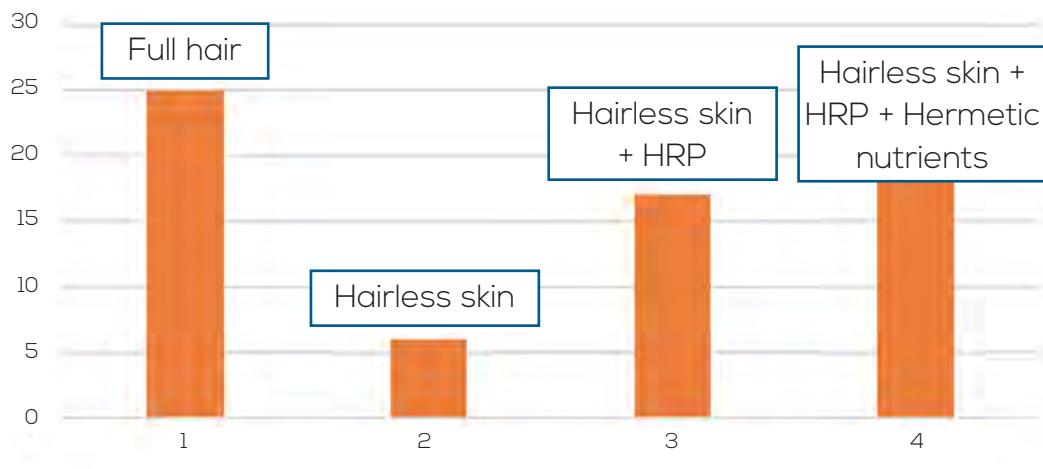


Increase of hair stem cells with **PHARMA HERMETIC HRP** (green) treatment during 12 weeks in % compared to non-treated cells (blue).

After 12 weeks of treatment with **PHARMA HERMETIC HRP** (green), hair stem cells are increased 70% compared to cells with no treatment.



HAIR RECOVERY PROGRAMME

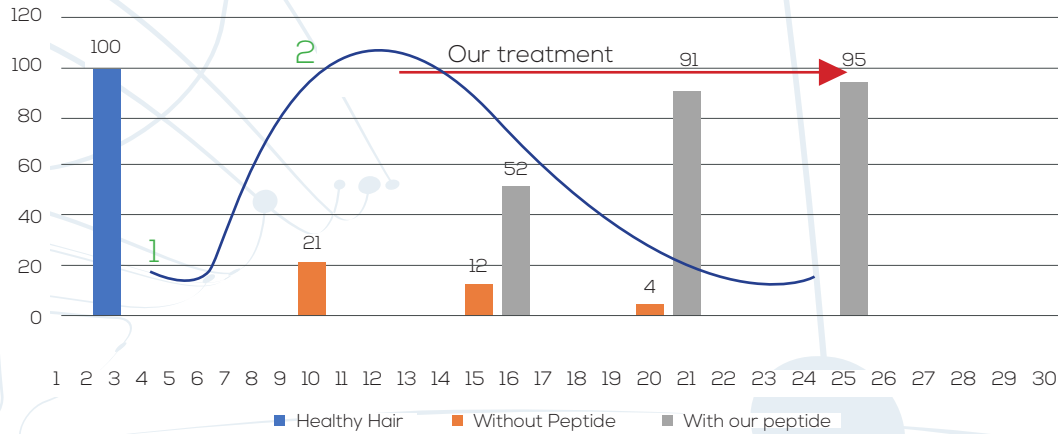


Relative number of active hair stem cells per follicle (10x)

Hair stem cells lack different nutrients when the hair loss process takes place, including divalent cations (like Zn^{2+}), aminoacids and vitamins.

When we treat hair stem cells with **PHARMA HERMETIC HRP** during **6month**, active pool of these cells is increased in 300%. When we add our special nutrient cocktail to these treated cells, their number still increases in an EXTRA 15-20%.

LEVEL STEM CELLS



Bars: Level stem cell (grey ones are with our peptide), orange are without our peptide. (Blue one is healthy hair)

POINT 1: Baldness induction.

POINT 2: Treatment with PHRP initiates.

Blue line solid: IL-6 increase while untreated and decrease when treated by our peptide at Point 2.

Red line solid: Time with PHRP treatment.

Time in weeks.

Explanation. A healthy hair has 100% of stem cells. When we induce baldness (week 3), hair becomes thinner and stem cell number lowers to 21% in weeks 11-12 (average) and completely disappears at week 28 and on. If we treat this skin with the hair recovery programme at week 10 (Point 2) and keep treating it (red line solid), we see a clear decrease of IL-6 (blue solid line) accompanied by a clear increase of hair stem cells from 21% to 52% in weeks 16 and 17 (average) and to 95% in week 29 and 30. Please note the hair lost cannot be recovered by this treatment, it does no longer exist. We can recover existing hair.

THE TREATMENT COMPOSITION

R-(methionyl) sh-oligopeptide-85, alcohol, allantoin, aqua, (Water), arginine, biotin, caffeine, calcium gluconate, citric acid, decapeptide-10, defined cell culture media, dimethylaminoethanol tartrate, disodium EDTA, ginkgo biloba leaf extract, glycerin, glycine soja (Soybean) oil, hydrogenated lecithin, isopropyl alcohol, magnesium gluconate, methylsilanol mannuronate, morus alba bark extract, oligopeptide -41, oligopeptide-54, oxo azaandrostene carboxyloyl decapeptide-18, parfum, PEG-60 hydrogenated castor oil, phenoxyethanol, polygala tenuifolia root extract, polygonum multiflorum root extract, portulaca oleracea extract, potassium gluconate, potassium sorbate, retinyl palmitate, serenoa serrulata fruit extract, sodium benzoate sodium hyaluronate, sodium oleate, thuja orientalis extract.



REPORT ON PHARMA HERMETIC'S HAIR REPLACEMENT PROGRAMME

I am the head Trichologist and Managing Director of Eucaderm Ltd, Britains leading trichologists.

I have worked for the Company for many years and in that time I have received many so called cures for today's hair problems. So when I was approached by Pharma Hermetic I was a little sceptical .However I was determined to give it a try because it was natural and that is our philosophy.

I have to say that I did part of my own treatment to make sure that the scalp was really clean and fully stimulated before using Hermetic HAIR RECOVERY PROGRAMME.

We did as we were instructed, paying particular attention to the hygienic aspect of the treatment. We used one derma-roller per client and the lotion was administered with a syringe, which ensures the lotion goes exactly where it is needed.

We were fortunate enough to photograph our clients from day one following through to the tenth week. The results were quite incredible as the pictures we have supplied Pharma Hermetic show.

As an aside, I have been bald for many years and so I treated myself to a daily application of the lotion. For the first time in many years I am growing hair, not a lot but it is a start.

We have found it to be one of the greatest contributions to thinning hair and we will certainly continue recommending the HAIR RECOVERY PROGRAMME to our clients and to anybody who is interested in keeping a good head of hair.

Signed this 22nd Day of April 2018.

Eucaderm LTD
Mr. David Satchell





AKADEMİ SAÇ TERAPİ

16.04.2019

It is a privilege for us to write this reference letter for Pharma Hermetic Hair Recovery Program. We are pleased to inform that we have been using this treatment for 6 months in our Trichology Clinic, in Istanbul, Turkey.

We both combine Hair Recovery Program with our own trichological treatments in the clinic and recommend it as a Home Treatment on its own. So far we have used 15 kits of the treatment with both male and female patients who suffer from Androgenetic Alopecia especially. We have been receiving very positive feedbacks and satisfactory results. We observe that the treatment is promoting hair growth, improving hair density and producing thicker hair.

We have great pleasure to recommend Pharma Hermetic Hair Recovery Programme to all the health professionals, to experts in hair care field, to patients and finally to anybody who wants to improve their hair quality and prevent hair loss and prevent Androgenetic Hair Loss from progressing. This very special formula deserves to be appreciated by many other companies operating in hair care business.

Sincerely,

Evrım Bayraktar, MIT

Qualified Trichologist

Member of The Institute of Trichologists, UK

Member of European Hair Reserch Society



IN VIVO

Weekly treatment, half vial per week, 4 vials used with dermo roller, plus a daily application of the Hair Lotion, used as a nutritive serum in the scalp.



IN VIVO



Two weeks treatment:





SUCCESS IN COSMETIC TREATMENTS

We care for you.



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