HAIR GROWTH in CLINIC

30 YEARS PROTEOGLYCAN RESEARCH

Clinically-Proven, Award-Winning Treatment for Hair Preservation & Healthy Growth

- Recommended by more than 10,000 doctors globally
- 30 years of clinical development
- Safe and side-effect-free
- 100% drug-free

Over **90%** **of users** reported improvements in hair appearance

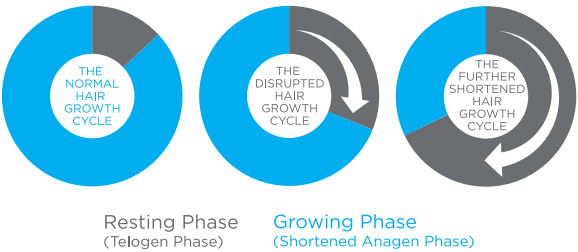
Bioactive Proteoglycan Formulation

UNDERSTANDING HAIR LOSS

Hair growth occurs in cycles: at any given time, 90-95% of the hair follicles are actively growing, and 5-10% are in the resting phase.

A disruption to the normal Hair Growth Cycle results in hair loss and hair thinning. The disrupted Hair Growth Cycle is caused by factors that deplete key proteoglycans in and around the hair follicle. Proteoglycans are proteins that play a vital role in the regulation of hair growth[3], and their depletion upsets the Hair Growth Cycle.

Over time, it may cause hair follicle miniaturisation and lead to Proteoglycan Follicular Atrophy (PFA), where the hair follicle cannot produce sufficient proteoglycans. The average duration of the growth cycle is reduced, more hairs enter the resting phase and there is increased shedding. Fewer hair follicles also re-enter the growth phase, resulting in weaker or less regrowth that becomes visible hair loss.



LIMITATIONS OF CURRENT HAIR LOSS TREATMENTS

Currently, available options to treat hair loss in men and women have disturbing side effects[1,2] and poor clinical outcomes.[3] No treatment accounts for the significant differences in male and female hair loss.

Despite evidence to show that deregulated synthesis and function of proteoglycans play central roles in the development of hair loss, conventional treatments also do not address PFA, which is a common cause of hair loss.

HAIR GROWTH+ INCLINIC BY NOURKRIN®: A PROTEOGLYCAN REPLACEMENT THERAPY

Backed by more than 30 years of clinical research and over 100 published clinical papers, Hair Growth+ inCLINIC by Nourkrin® is a clinically proven Proteoglycan Replacement Therapy for the treatment of all types of hair loss.

Hair Growth+ inCLINIC by Nourkrin® is formulated with Marilex®-P, which is obtained through a proprietary extraction process from fractionated fish extract. It has high ratios of specific bioactive proteoglycans which replenish proteoglycans during the Anagen phase and prevent follicular miniaturisation.

Key Ingredients

- Functional Proteoglycans (Versican, Decorin, Syndecan): Support and maintain a healthy Hair Growth Cycle

Dosage

- TO ACTIVATE HAIR GROWTH:
  Two tablets in the morning and one in the evening, preferably after food.
- TO MAINTAIN HAIR GROWTH:
  One tablet per day to be taken orally, preferably after food.

Precautions

Should not be consumed by patients who are allergic to fish.

Comparing Hair Growth+ inCLINIC by Nourkrin® with Conventional Hair Loss Treatments

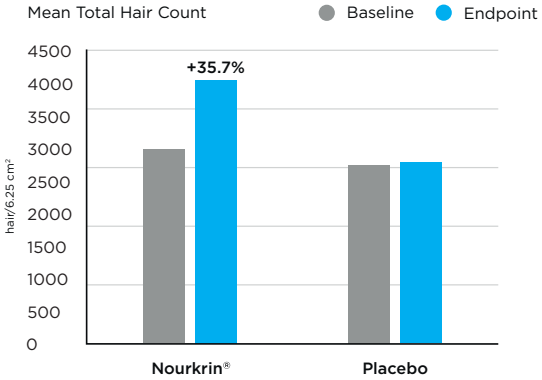
	Hair Growth+ inCLINIC by Nourkrin®	Finasteride	Minoxidil	Vitamin Supplements
Treats both MPHL and FPHL	✓	✗	✓	✗
Treats Telogen Effluvium	✓	✗	✓	✗
Safe and side-effect free	✓	✗	✗	✓
No excessive facial or body hair	✓	✓	✗	✓
Addresses follicular miniaturisation and PFA as main causes of hair loss	✓	✗	✗	✗
Exhibits clinically proven effects	✓	✓	✓	✗
Produces subjective perception of improvement due to a placebo effect	✓	✓	✓	✓
Suitable for use in the long term for treatment or maintenance	✓	✗	✗	✓
Possesses anti-inflammatory properties	✓	✗	✗	✗

CLINICAL EVIDENCE

Promotes hair growth in both genders

In a randomized, double-blind, placebo-controlled study conducted on 55 volunteers of both genders, the average hair growth increase was 35.7% in the group using Nourkrin®, compared to 1.5% in the placebo group ($P < 0.001$).

Thom, E. (2006). Nourkrin®: Objective and Subjective Effects and Tolerability in Persons with Hair Loss. Journal of International Medical Research, 514–519.

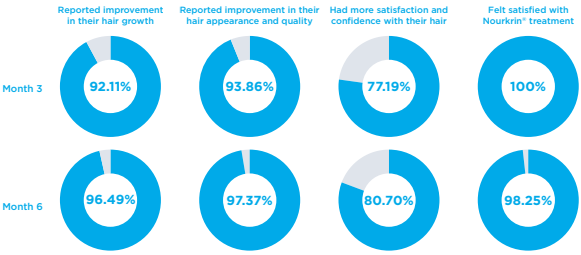


Improves patient quality of life

Findings from a 6-month study with 114 randomly selected females in the United Kingdom showed that majority of patients under treatment have been satisfied with using Nourkrin® and experienced a positive change in the quality and appearance of their hair as early as 3 months into the study.

Patient satisfaction rates improved after 6 months, indicating that an enhanced treatment success rate can be achieved by longer administration periods.

Wadstein, J. Thom, E. (2019). Treating Female Diffuse Hair Loss using Nourkrin® Woman (with Marilex®) - An Open-label, Subjective, Outcome Study on Hair Growth and Appearance, Self-Confidence and Treatment Satisfaction. Journal of Clinical Dermatology and Therapy.



CASE STUDIES

Female patient with Alopecia Areata treated with Marilex® as a monotherapy for 8 months.

Month 0

Month 4

Month 6

Month 8

Male patient with Alopecia Areata treated with Marilex® as a monotherapy for 3 months.

Before

After

FREQUENTLY ASKED QUESTIONS

Is Hair Growth+ inCLINIC by Nourkrin® suitable for everyone?
Nourkrin® inCLINIC is suitable for everyone except those with allergies to fish as Marilex®-P is a marine-derived extract. Hair Growth+ inCLINIC by Nourkrin® does not contain shellfish.

Will I experience growth of body or facial hair?
Hair Growth+ inCLINIC by Nourkrin® contains specific proteoglycans that are only involved in the hair follicle cycling of scalp hair. This means that Hair Growth+ inCLINIC by Nourkrin® does not affect the growth of body hair.

Are there any side effects from taking Hair Growth+ inCLINIC by Nourkrin®?
Hair Growth+ inCLINIC by Nourkrin® is entirely based on drug-free ingredients which are evaluated as safe by the food and drug authorities globally. There have been no known side effects in the more than 30 years of brand history.

Does Hair Growth+ inCLINIC by Nourkrin® interfere with any medication?
No, there are no known or registered instances of interference as Hair Growth+ inCLINIC by Nourkrin® is naturally based. However, if you are on medication, you are recommended to check with your doctor before commencing with any supplement programme.

How long does it take before I start to notice a difference in my hair?
Most users start to see a difference after 2-3 months of proper use on the recommended daily intake.

Can Hair Growth+ inCLINIC by Nourkrin® be taken for long periods?
Hair Growth+ inCLINIC by Nourkrin® is safe to take for indefinite periods and is ideal for long-term maintenance after the desired results have been achieved.

What happens if I stop taking Hair Growth+ inCLINIC by Nourkrin®?
If your hair loss is due to acute, temporary factors such as stress or hormonal changes, your results after 6 months may remain over time, given that these lifestyle factors have also been improved or changed. If your hair loss is elated to DHT, genetics or is chronic, the condition may return after the treatment has ended.

REFERENCES:

1. *Hirshburg JM, Kelsey PA, Therrien CA, et al. Adverse Effects and Safety of 5-alpha Reductase Inhibitors (Finasteride, Dutasteride): A Systematic Review. J Clin Aesthet Dermatol. 2016;9(7):56-62.*

2. *Finn DA, Beadles-Bohling AS, Beckley EH, et al. A new look at the 5alpha-reductase inhibitor finasteride. CNS Drug Rev. 2006;12(1):53-76.*

3. *Wadstein J, Thom E, Gadzhigoroeva A. The integral roles of specific proteoglycans in hair growth and hair loss – Mechanisms behind the bioactivity of Proteoglycan Replacement Therapy with Nourkrin with Marilex in pattern hair loss and telogen effluvium. Dermatol Res Pract. 2020 Feb; 2020:8125081.*

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