

Plinest Hair



Polynucleotides

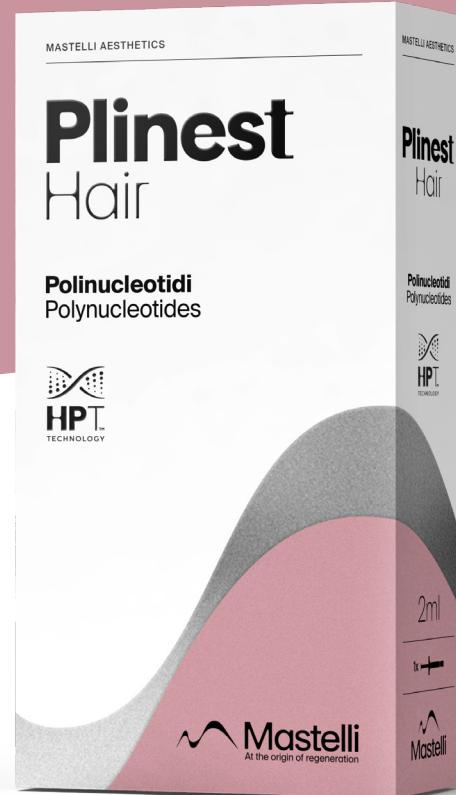
Plinest Hair is a PN HPT™ based product obtained through **High Purification Technology** featuring a high degree of purification and safety

Treatment Goal: Suggested for **trophic action** on hair and **eyebrows**^[1,3]

Composition^[1]: **PN HPT™ 15mg/2ml**, sterile, non-pyrogenic, viscoelastic gel

Pack^[1]: 1 x 2ml pre-filled syringe

Needle^[1]: 2 x 30G ½ needle



SKIN PRIMING: BEYOND THE STANDALONE THERAPY

The **Polynucleotides HPT™ PRIMING** prepares the skin and makes it more receptive to medical aesthetic, and anti-ageing treatments. It generates a **synergistic effect and enhance treatment benefits in combination with other interventions: biotin, hyaluronic acid, carboxytherapy, topical therapy**^[2]

CLINICAL EVIDENCE

Clinically proven safety and efficacy of the PN HPT™ for trophic stimulation of the scalp to promote hair growth in cases of female hormonal hair loss^[2]

- Patients:** 20 female patients aged between 25 and 65 years suffering from non-androgen-dependent female hormonal alopecia. Patients were not suffering from systemic diseases (iron deficiency, febrile diseases, endocrinopathies, liver diseases, etc)
- Clinical evaluation:** T1 (1 month), T2 (2 months), T4 (4 months)
- Safety:** the product was very well tolerated and no side effects were reported

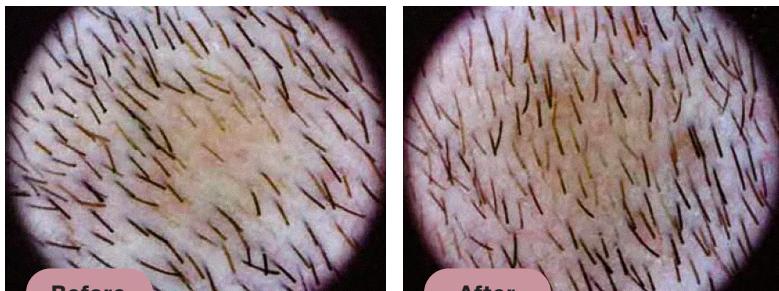


Figure 1: Video dermoscopy demonstrated an increased average number of hair in a standard area. Baseline assessment, before (T0, 105 hair/cm²) and after treatment with PN HPT™ 15mg/2ml (T12, 118 hair/cm²)

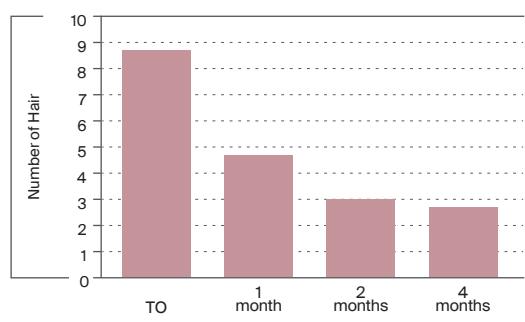


Figure 2a: Pull test demonstrated reduction in the number of lost hair

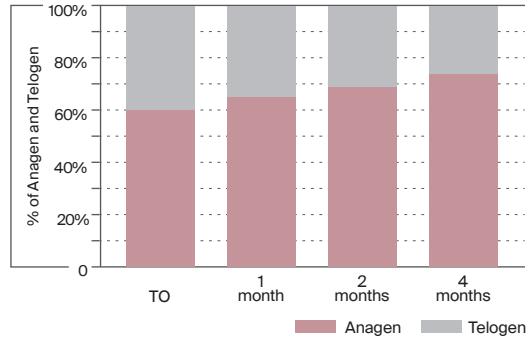


Figure 2b: Improvement of trichogram values with hair increase in anagen (growing phase) and hair reduction in telogen (resting phase)

Over 72% of treated women have reported an objective improvement in alopecia after using Plinest Hair

 **Mastelli**

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Treatment protocols and injection techniques

HAIR AND EYEBROWS BIO-REGENERATION

- 2ml per session with microdroplet or linear retrograde technique ^[2]
- **Phase I:** One session every 7 or 14 days for a total of 4 sessions ^[2]
- **Phase II:** One session every 21-30 days for further 4 sessions ^[2]

- **Areas of treatment:** Hair and eyebrows ^[1]
- **Depth of injection:** Intradermal ^[1]

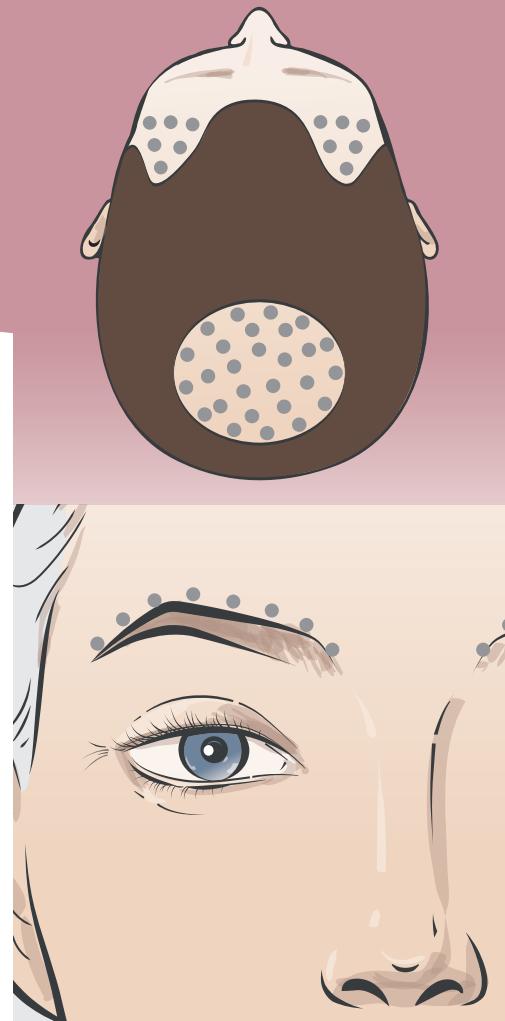


Figure 3:
Photographs evaluations at baseline (Before) and at the end of the treatment with PN HPT™ 15mg/2ml (After)

Photographs courtesy of dr. Piscopo S.

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Bibliography: 1) Plinest hair IFU (instructions for use) | 2) Cavallini M, Bartoletti E, Maioli L, Massirone A, Palmieri IP, Papagni M, Priori M, Trocchi G, members of The Polynucleotides HPT™ Priming Board, Collegio Italiano delle Società Scientifiche di Medicina Estetica (Italian College of the Aesthetic Medicine Scientific Societies) - SIME, AGORA, SIES. Consensus Report on the Use of PN-HPT™ (Polynucleotides Highly Purified Technology) in Aesthetic Medicine. Journal of Cosmetic Dermatology 2020; 1-7 | 3) Gianfaldoni R, Gianfaldoni S, Nannipieri A, Lotti T. A polynucleotide-based product to treat female hormonal hair loss. Prime. July/August 2014; 30-36