

AESTHETIC MEDICINE LINE & DERMOCOSMETICS



Mastelli
At the origin of regeneration



● More than 70 years, Italy

A family company since 1952, born in Sanremo as a local pharmaceutical laboratory, now elevated itself to an International Bio-Pharmaceutical Company



● Evidence-based approach



Our know-how is backed up by more than 100 publications and is constantly developed in a cutting-edge R&D department

● Fully integrated supply chain

From raw material extraction and purification to the finished product, 100% in-house handled manufacturing, in line with the GMP and QA standards



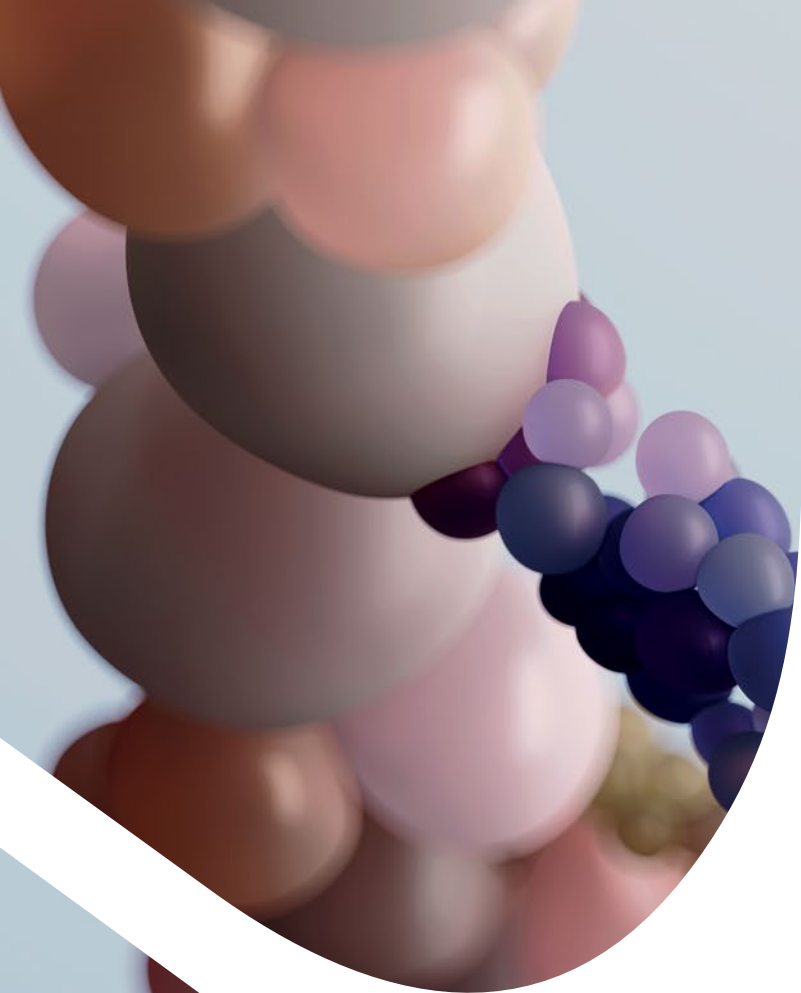
● International export

We are committed to spread
Polynucleotides High Purification Technology potential:
from Sanremo to more than 30 countries worldwide

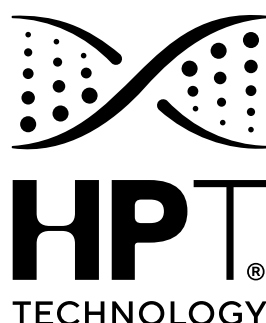


Mastering Polynucleotides HPT® expertise in:

- Aesthetic Medicine
- Osteoarticular Health
- Wound Healing
- Gynecology
- Dermatology



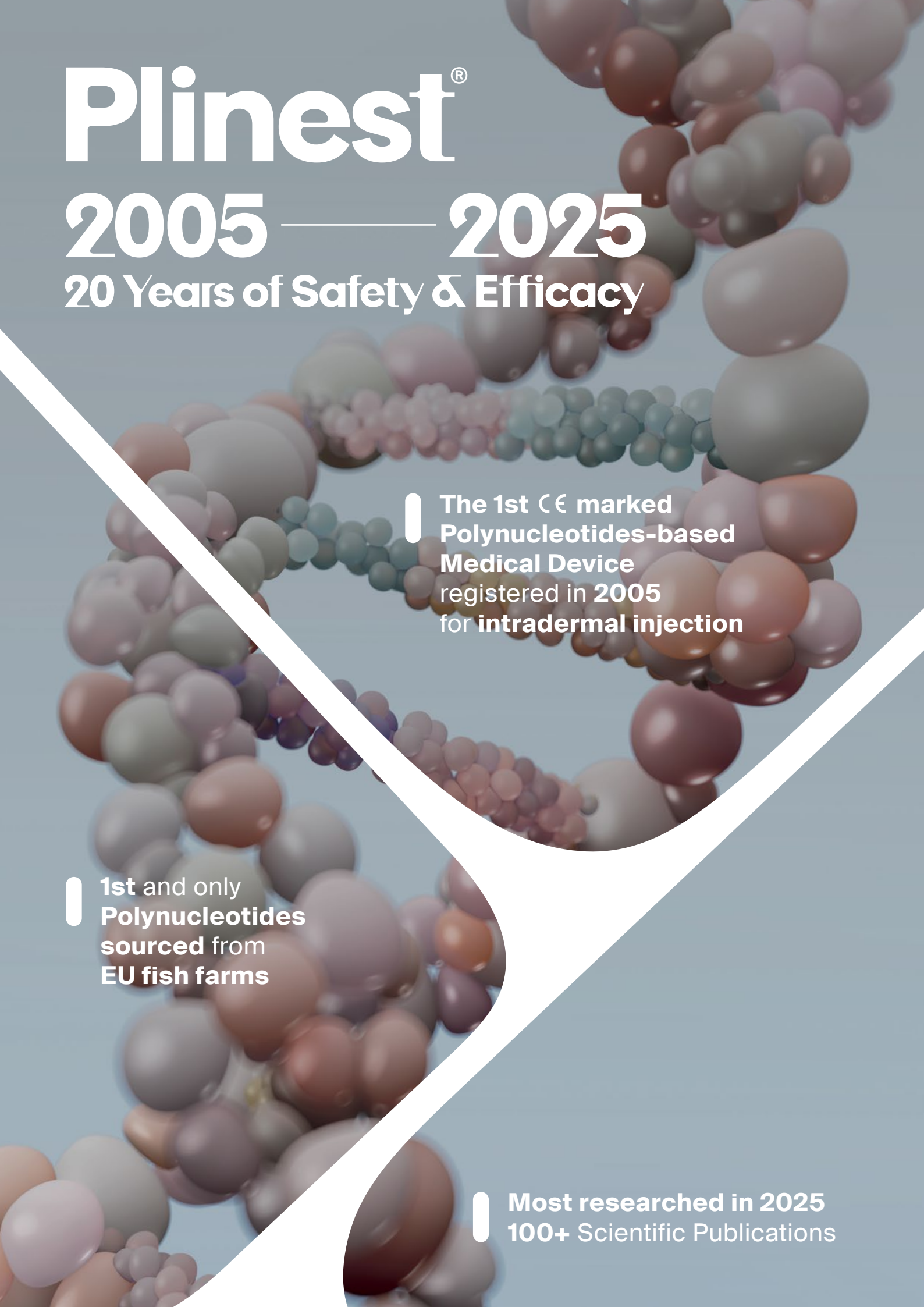
Mastelli's DNA: POLYNUCLEOTIDES



Polynucleotides
High Purification Technology (PN HPT®)
are **natural-origin DNA fractions**
derived from salmon trout gonads
bred in freshwater

Our fish farms, based in Europe,
are rigorously controlled
to ensure **raw material's quality**
and **safety since 1952**

Mastelli's exclusive
High Purification Technology
is a **100% in-house handled process**
leading to PN HPT®



Plinest[®]

2005 — 2025

20 Years of Safety & Efficacy

**The 1st CE marked
Polynucleotides-based
Medical Device**
registered in **2005**
for **intradermal injection**

**1st and only
Polynucleotides
sourced from
EU fish farms**

Most researched in 2025
100+ Scientific Publications

Certified Safe, Doping Free



Mastelli once again
redefines excellence and safety.

By offering **ethically formulated**,
rigorously **tested solutions**
that ensure **purity** and **compliance**
it guarantees **trusted results**
for both **professionals and patients**

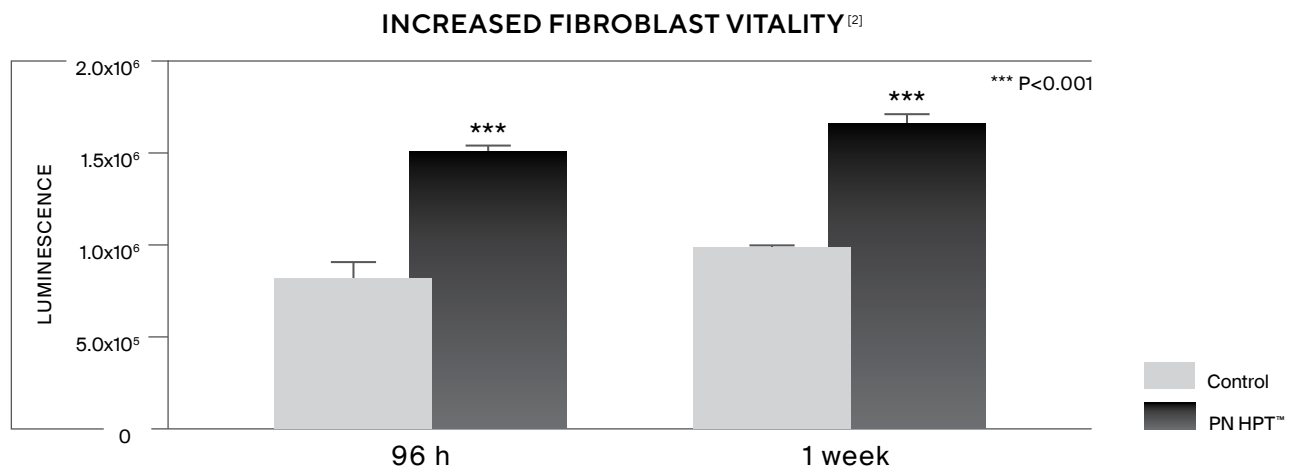
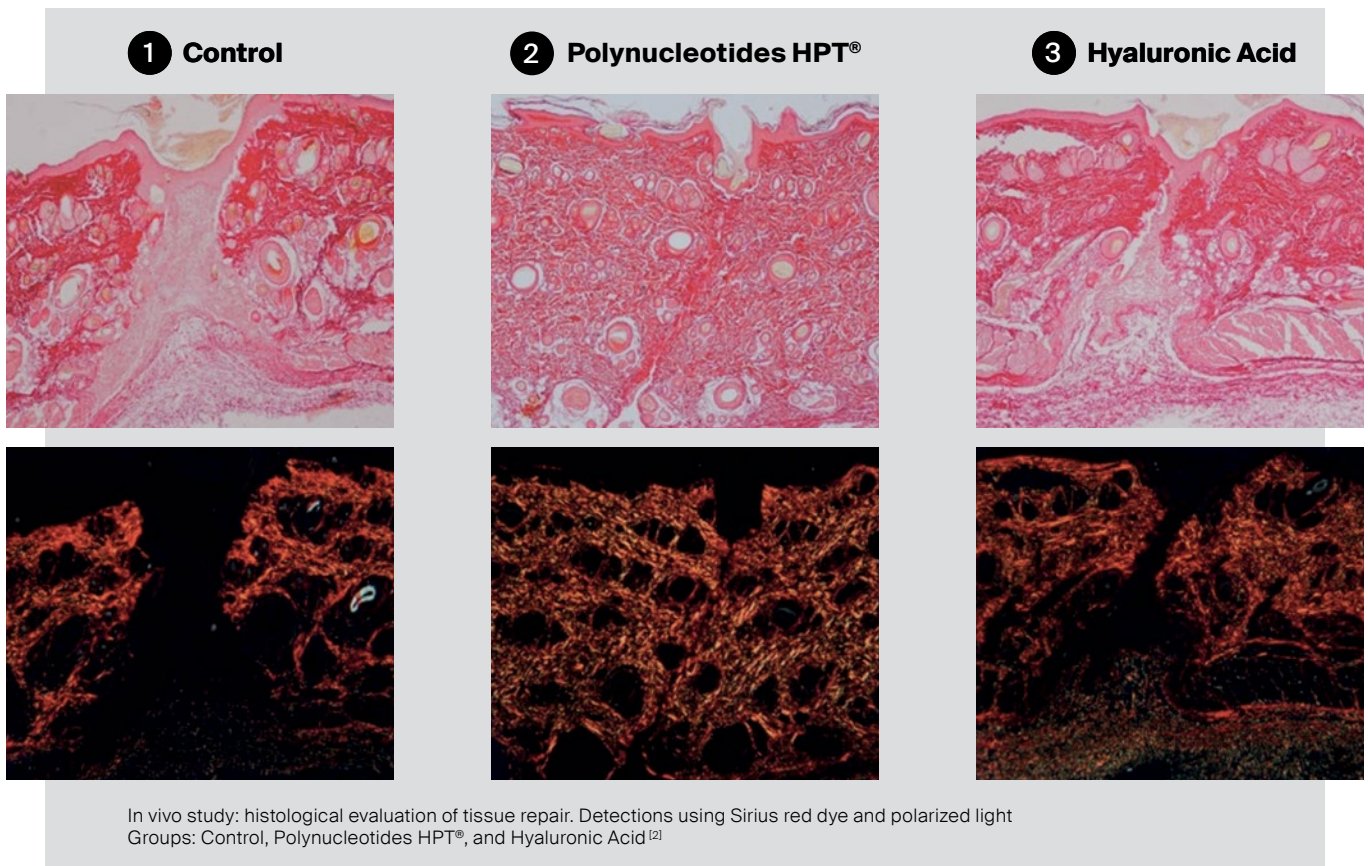


Mastelli upholds integrity in aesthetic and regenerative medicine. Plinest is proudly PLAY SURE DOPING FREE certified, ensuring safety and compliance.

Polynucleotides in Aesthetic Medicine

PN HPT® display a crucial role in:

- **Skin quality** improvement
- Promoting **bio-regeneration**
- Restoring **skin radiance** and freshness
- Reducing **wrinkles** and skin laxity ^[1]
- Promotes fibroblast action ^[1,2]



The levels of vitality are significantly higher in presence of PN HPT® compared to the control at 96 hours and after 1 week



1

In the Control group, tissue repair is found to be incomplete, with scarce presence of collagen fibers ^[2]

2

In the PN HPT[®] treated group, tissue repair is found to be almost complete, with mature and well organised collagen fibers and consequent uniform deposition of the ECM ^[2]

3

In the Hyaluronic Acid treated group, tissue repair is not complete, as for the group treated with Polynucleotides HPT[®], with collagen fibers occupying only partly the repaired area ^[2]

Mastelli's Polynucleotides HPT[®] Timeline

PDRN Originator

Over the decades, **the Mastelli family unravelled the wonders of Polydeoxyribonucleotides**, an antidystrophic drug responsible for wound care ^[21] **ensuring safe and powerful applications across the body**

Polynucleotides HPT[®] meets HA: Newest

Another generation, 3 sisters, another progress: the perfect union - PN HPT[®] and hyaluronic acid, and **Newest is born** - dazzling the sector with unparalleled effects

1952

Origin

Sanremo, Italy.

Dr. Arnolfo Mastelli discovers a drug, a DNA enriched extract, with remarkable regenerative capabilities.

Trusting his vision, he first marketed it and then secured the exclusive production license

1978 - 90s

2005

The innovation of Polynucleotides HPT[®] in Aesthetic Medicine: Plinest

Mastelli, originator of PDRN, develops a new molecule of natural origin, Polynucleotides HPT[®], leading the revolution of the aesthetic sector by launching the first registered PN HPT[®] based MD worldwide: Plinest

2016

2020

PRIMING: The foundation of bio-regeneration

Mastelli innovates the aesthetic sector **coding the “skin quality” approach, studied in the Priming Consensus** and reinforced in 2024 by the Second Consensus Report.

Priming prepares the skin and makes it more receptive to medical aesthetic, and anti-ageing procedures. It **generates a synergistic effect in combination with othertreatments** such as laser, radiofrequency, fillers, peeling, needling, and surgery

2021

Polynucleotides HPT®: Full-body approach

The frontier of aesthetics expanded to eyes, hair, and gynecology, with instant acclaim.

A non-conformist stance to support people in becoming the best versions of themselves

2023

At the origin of regeneration

The worldwide perspective pushed Mastelli to regenerate itself, evolving its identity again

2024

The Dermal Priming Paradigm

The 2024 Consensus Report elevates PN HPT® from a bio-regenerating treatment to a foundational paradigm, demonstrating its ability to enhance skin responsiveness and optimize the results of aesthetic procedures such as lasers, fillers, and peels

2025

Beyond the story

Mastelli is committed to building the 1st Polynucleotides Excellence Hub, the ultimate Polynucleotides Center in Liguria, setting a global benchmark for innovation, research, and advanced development

Aesthetic Medicine Line

Polynucleotides HPT® | Bio-regeneration

Intradermal **PN HPT®** treatment with **trophic action** to improve **skin quality, appearance, and elasticity**

Plinest



Suggested for **prevention of ageing** and **maintaining younger patients skin quality**. It helps to **remodel areas with a high fibrous content** such as **acne scars** [3,10,19]

PlinestOne



Suggested to **improve elasticity, turgidity and firmness of younger patient skin all over the body**. Reducing **skin laxity and stretch marks** in younger patients [3,6,15]

PlinestEye



Suggested for **improving periorcular skin texture, firmness and elasticity** [4,12]

PlinestHair



Suggested for **trophic action on hair and eyebrows** [5]

PlinestFast



Suggested for **improving delicate areas and sensitive skin** [3]

Our product portfolio is able to meet the diverse expectations of physicians and patients

Polynucleotides HPT®, HA & Mannitol Bio-regeneration & Hydration

Intradermal treatment suggested for:

- **Bio-regeneration and trophic action of PN HPT®**
- **HA hydrating action**
- **Mannitol action on protecting HA**

Newest



Suggested to **moisturise mature and dehydrated skin** improving **turgidity, elasticity and appearance** [7, 11]

NewestOne



Suggested for treating **extended areas of the body in mature and dehydrated patient skin** improving **elasticity, turgidity and firmness** [7,16]

Polynucleotides HPT®, HA & Mannitol Bio-regeneration & Hydration

Injection treatment to improve the **functional aesthetic rejuvenation** of the **vulvar region**

NewGyn



Suggested to **enhance turgidity and trophism of skin layers and genital area mucosae** [9]



Treatment Areas

Plinest

1 FACE

Composition ^[10]: PN HPT® 40mg/2ml

Pack ^[10]: 2ml pre-filled syringe

PlinestEye

4 EYE CONTOUR

Composition ^[12]: PN HPT® 15mg/2ml

Pack ^[12]: 2ml pre-filled syringe

PlinestFast

2 SENSITIVE AREAS

Composition ^[13]: PN HPT® 15mg/2ml

Pack ^[13]: 2ml pre-filled syringe

PlinestHair

5 HAIR AND EYEBROWS

Composition ^[14]: PN HPT® 15 mg/2ml

Pack ^[14]: 2ml pre-filled syringe

Newest

3 FACE, NECK,
AND DÉCOLLETÉ

Composition ^[11]: PN HPT® 20mg/2ml
Linear HA 20mg/2ml
Mannitol

Pack ^[11]: 2ml pre-filled syringe



Area

FACE

FACE, NECK, AND DÉCOLLETÉ

Treatment goal

Suggested for **prevention of ageing** and **maintaining younger patients skin quality**. It helps to remodel areas with a high fibrous content such as acne scars [3,10,19]

Suggested to **moisturise mature** and **dehydrated skin** improving **turgidity, elasticity** and **appearance** [7, 11]

Composition

PN HPT®

PN HPT®
Linear HA
Mannitol

Concentration

40mg/2ml [10]

20mg/2ml
20mg/2ml
Mannitol [11]

Pack

2ml pre-filled syringe
2 x 30G ½ needle [10]

2ml pre-filled syringe
2 x 30G ½ needle [11]

Treatment Protocol

Every 14-21 days
for 3 to 4 sessions [1]

Every 14-21 days
for 3 to 4 sessions [1]

Injection technique



Microdroplet, Retrograde linear (needle)



Microdroplet, Retrograde linear (needle)



EYE CONTOUR

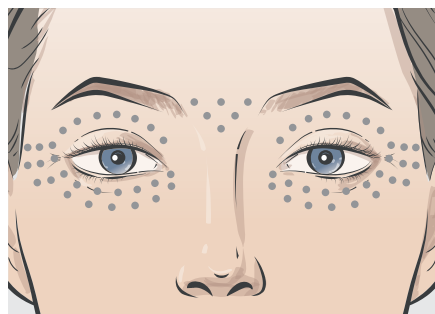
Suggested for **improving periocular skin texture, firmness and elasticity** ^[4,12]

PN HPT®

15mg/2ml ^[12]

2ml pre-filled syringe
2 x 30G ½ needle ^[12]

Every 14-21 days
for 3 to 4 sessions ^[1]



Microdroplet, Retrograde linear (needle)



HAIR AND EYEBROWS

Suggested for **trophic action on hair and eyebrows** ^[5]

PN HPT®

15mg/2ml ^[14]

2ml pre-filled syringe
2 x 30G ½ needle ^[14]

Phase I: Every 7-14 days
for 4 sessions
Phase II: Every 21-30 days
for further 4 sessions ^[1]



Microdroplet, Retrograde linear (needle)



SENSITIVE AREAS (FOREHEAD, NECK, DÉCOLLETÉ)

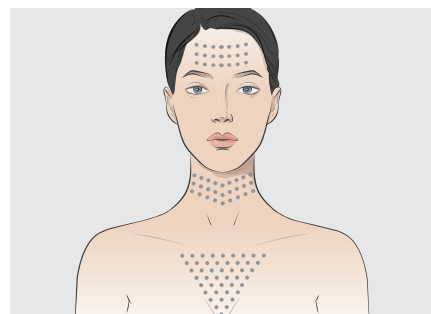
Suggested for **improving delicate areas and sensitive skin** ^[3]

PN HPT®

15mg/2ml ^[13]

2ml pre-filled syringe
2 x 30G ½ needle ^[13]

Every 14-21 days
for 3 to 4 sessions ^[1]



Microdroplet, Retrograde linear (needle)

Body

PlinestOne

1 EXTENDED AREAS

Composition ^[15]: **PN HPT™ 8mg/4ml**

Pack ^[15]: 5x4ml vials



NewestOne

2 EXTENDED AREAS

Composition ^[16]: **PN HPT™ 4mg/4ml**
Linear HA 4mg/4ml
Mannitol

Pack ^[16]: 5x4ml vials



Genital Area

NewGyn

3 GENITAL AREAS

Composition ^[17]: PN HPT® 20mg/2ml
Linear HA 20mg/2ml
Mannitol

Pack ^[17]: 2ml pre-filled syringe





Area

VULVAR AREA

Treatment goal

Suggested to **enhance turgidity** and **trophism** of **skin layers** and **genital area mucosae** ^[9]

Composition

PN HPT®
Linear HA
Mannitol

Concentration

20mg/2ml
20mg/2ml
Mannitol ^[17]

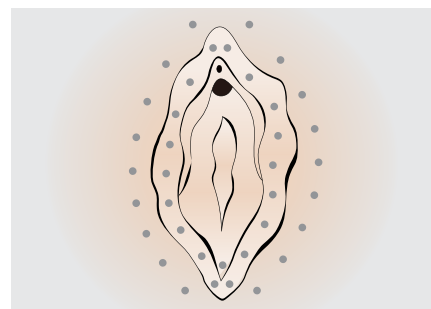
Pack

2ml pre-filled syringe
2 x 30G ½ needle ^[17]

Treatment Protocol

Every 14-21 days
for 3 to 4 sessions ^[9]

Injection technique



Microdroplet, Retrograde linear (needle)



EXTENDED AREAS

Suggested to **improve elasticity, turgidity and firmness of younger patient skin all over the body.**
Reducing skin laxity and stretch marks in younger patients [3,6,15]

PN HPT®

8mg/4ml [15]

5x4ml vials

*No needle supplied within the pack [15]

Phase I: Every 7-14 days for 4 sessions

Phase II: Every 21-30 days for further 4 sessions [1]



EXTENDED AREAS

Suggested for treating **extended areas** of the **body** in **mature** and **dehydrated patient skin** improving **elasticity, turgidity and firmness** [7,16]

PN HPT®

Linear HA
Mannitol

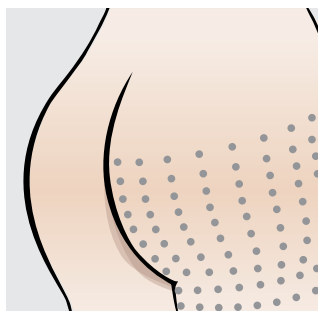
4mg/4ml
4mg/4ml
Mannitol [16]

5x4ml vials

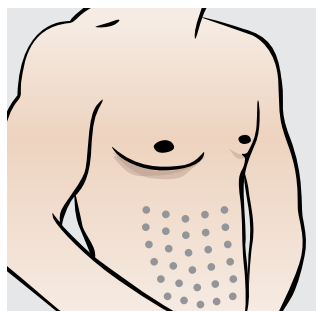
*No needle supplied within the pack [16]

Phase I: Every 7-14 days for 4 sessions

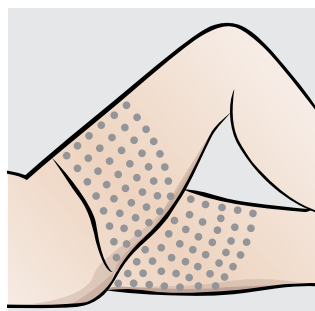
Phase II: Every 21-30 days for further 4 sessions [1]



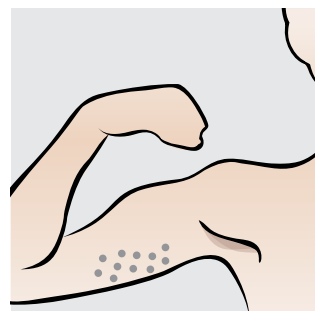
Microdroplet, Retrograde linear
(needle)



Microdroplet, Retrograde linear
(needle)



Microdroplet, Retrograde linear
(needle)



Microdroplet, Retrograde linear
(needle)

Dermocosmetic Treatments

- **Protects the skin and restores tone, elasticity, and hydration**
- Acts in “**IN & OUT**” synergy, completing and increasing the aesthetic treatment effects

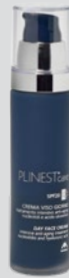
Face



PLINEST Care **DAY FACE CREAM**

- **Nucleotides**
- **Hyaluronic Acid**
- **Vitamin E**

Fights free radicals, smooths out wrinkles, and restores skin radiance



PLINEST Care **DAY FACE CREAM SPF20**

- **Nucleotides**
- **Hyaluronic Acid**
- **Vitamin E**
- **SPF20**

Moisturising effect, protection from UVA and UVB



PLINEST Care **EYE**

- **Nucleotides**
- **Hyaluronic Acid**

Attenuates dark circles and puffiness



PLINEST Care **NIGHT FACE CREAM**

- **Nucleotides**
- **Hyaluronic Acid**
- **Vitamin E**

Restores skin hydration and elasticity; smooths out wrinkles



PLINEST Care **SERUM**

- **Nucleotides**
- **Hyaluronic Acid**
- **Vitamin E**

Re-densifying, antioxidant and moisturising action

IN & OUT

All skin layers can benefit from substances functional to its quality:

- by oral route: **food supplement**
- by topic administration: **dermocosmetics**

When the different approaches contain active ingredients that can be combined, not only do they sum up their activities, but they also create a multilevel synergy capable of maximising the aesthetic results

Body



PLINEST Care **FIRMING BODY CREAM**

- **Nucleotides**
- **Hyaluronic Acid**
- **Vitamin E**
- **Jojoba Oil**

Counteracts skin laxity



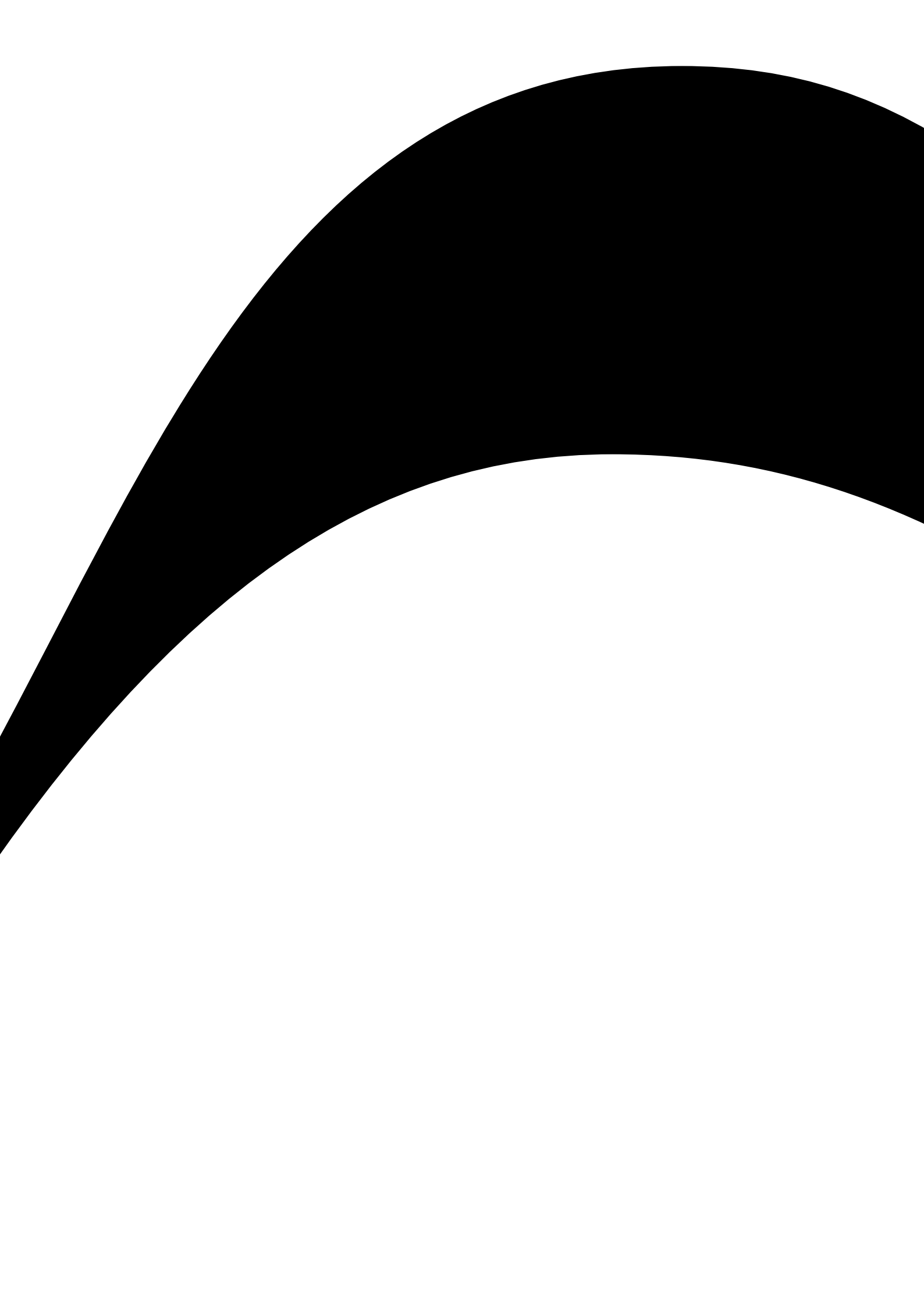
PLINEST Care **OIL**

- **Sweet Almond Oil**
- **Jojoba Oil**
- **Vitamin E**

Promotes elasticity, tone, and suppleness of the skin

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13. IFU PLINEST FAST (Instruction for use)
14. IFU PLINEST HAIR (Instruction for use)
15. IFU PLINEST ONE (Instruction for use)
16. IFU NEWEST ONE (Instruction for use)
17. IFU NEWGYN (Instruction for use)
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