

# Newest



## Polynucleotides and Hyaluronic Acid

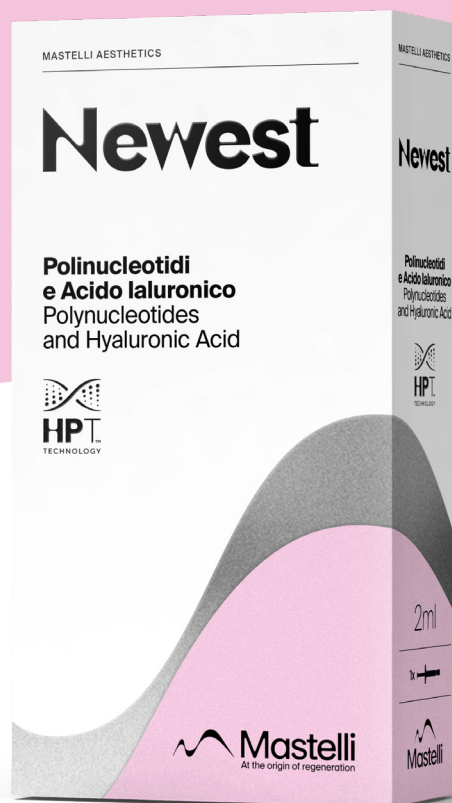
**Newest** is a **PN HPT™**, **HA** and **Mannitol** based product obtained through **High Purification Technology** featuring a high degree of purification and safety

**Treatment goal:** Suggested to **moisturise mature and dehydrated skin improving turgidity, elasticity and appearance** <sup>[1,2,3]</sup>

**Composition** <sup>[1]</sup>: **PN HPT™ 20mg/2ml**  
Linear HA 20mg/2ml  
Mannitol, sterile, non-pyrogenic, viscoelastic gel

**Pack** <sup>[1]</sup>: 1 x 2ml pre-filled syringe

**Needle** <sup>[1]</sup>: 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 with: laser, radiofrequency, fillers, peeling, needling, and surgery** <sup>[4]</sup>

## CLINICAL EVIDENCES

**Facial middle third rejuvenation: discussion of the expected benefits from PN HPT™ (Polynucleotides High Purification Technology) and PN HPT™ Priming** <sup>[3]</sup>

- **Patients:** An open-design, exploratory prospective cohort study in 40 real-life ambulatory treated women has been performed to probe the value of Newest in middle-third rejuvenation

### Treatment Protocol

- 1 At baseline - treatment with intradermal injections of 20mg/2ml of PN HPT™, 20mg/2ml of hyaluronic acid, 200mM/L mannitol
- 2 After 3 weeks - treatment with intradermal injection of 40mg/2ml of PN HPT™
- 3 After 6 weeks - treatment with intradermal injections of 20mg/2ml of PN HPT™, 20mg/2ml of hyaluronic acid, 200mM/L mannitol

### Results and Safety

- Significant improvement of skin quality and texture (from  $7.0 \pm 1.06$  at baseline session to  $7.8 \pm 0.99$  at follow-up)
- Significant reduction of wrinkles and skin roughness (-17.1%)
- Significant improvement of skin elasticity and brightness (+51.1%)
- All side effects were mild and causing transient discomfort, irritation or pain at the injection site

### PN HPT™

Bio-regenerating and trophic effect <sup>[1]</sup>

### Linear HA

Mosturizing effect <sup>[2]</sup>

Synergic Action  
in a Unique  
Formula

### Mannitol

HA protection

Subjects treated with Newest display a significant skin quality improvement and a meaningful wrinkles reduction

### Treatment protocols and injection techniques

#### MATURE AND DEHYDRATED SKIN BIO-REGENERATION AND HYDRATION

- 2ml intradermally with micro-droplet or linear retrograde technique <sup>[4]</sup>
- One session (2ml) every 14 or 21 days for a total of 3 to 4 sessions <sup>[4]</sup>

- **Areas of treatment:** Face, Neck, and Décolleté <sup>[1]</sup>
- **Depth of injection:** Intradermal <sup>[1]</sup>



Before



After

**Figure 1:**  
Photographs at baseline  
assessment session (left) and  
follow-up at 6-9 weeks after the  
last treatment session (right) <sup>[3]</sup>

Photographs are owned by the authors  
and belongs to Mastelli clinical data base