



Novaleen
bio

ninaveli®
HI-LO



Dermatologically tested

FOR INTERNAL TRAINING ONLY

1 PRODUCT DESCRIPTION

Ninaveli HI-LO

Introducing Ninaveli HI-LO: **Advanced Dual-Action Bio-Remodeling**

Ninaveli HI-LO represents the next generation of intense **tissue remodeling and multi-depth skin revitalization**. Housed in a generous 2.5ml syringe, this premium formulation boasts an extraordinary total concentration of **80mg of pure Hyaluronic Acid (HA) and 0.5% Polynucleotides (PH)**. By offering one of the most robust HA concentrations available to practitioners, Ninaveli HI-LO serves as a highly effective tool to aggressively combat skin laxity, restore foundational moisture, and deliver a profound, natural-looking lift to depleted and aging tissue.

The secret to its exceptional clinical efficacy lies in its meticulously engineered **dual-molecular architecture**. The formula features an optimized blend of **70mg of High Molecular Weight HA alongside 10mg of Low Molecular Weight HA**. The **low molecular weight molecules penetrate deeply into the dermis** to intensely hydrate and stimulate cellular activity at the foundational level. The 0.5% PN provides a good maintenance dose.

- + 70mg High Weight HA
- + 10mg Low Weight HA
- + 0.5% Polynucleotides (PN)
- + CPNP & SCPN
- + Dermatologically tested

Simultaneously, **the high molecular weight HA creates a supportive**, moisture-binding matrix closer to the surface, effectively acting as an invisible scaffolding. This synergistic "HI-LO" complex effectively remodels the dermal structure, tightening the skin and smoothing fine lines from the inside out.

Beyond its remarkable aesthetic performance, Ninaveli HI-LO is engineered with absolute safety and strict regulatory compliance at its core. It is fully registered with both the **CPNP (European Union) and SCPN (United Kingdom)**, ensuring it flawlessly meets the most rigorous international safety and quality standards.

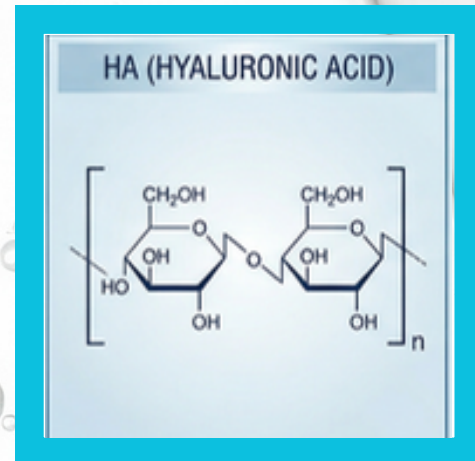
Furthermore, the product has been **dermatologically tested**.



2 ACTIVE INGREDIENTS

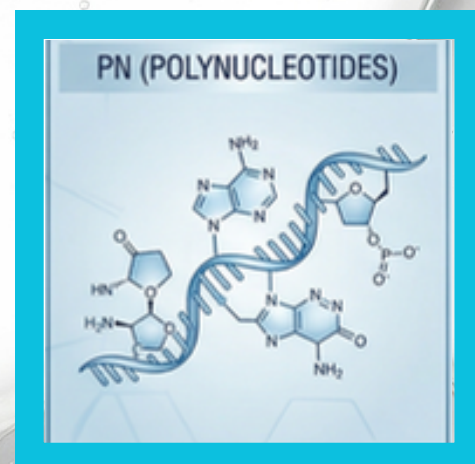
Hyaluronic Acid (HA)

The gold standard in topical hydration, Hyaluronic Acid acts as a profound moisture magnet for the skin. It instantly quenches surface dehydration, binding essential water to the skin to visibly plump the complexion, smooth uneven texture, and deliver that coveted, dewy "glass skin" radiance.



Polynucleotides (PN)

PN is a highly advanced, deeply nourishing ingredient that supports the skin's natural vitality. This potent concentration helps to visibly improve skin texture and elasticity, promoting a firmer, more supple, and rejuvenated appearance. It is the ultimate secret to achieving a plump, youthful-looking "glass skin" glow.



3 INDICATIONS

Advanced topical hydration designed to visibly plump, smooth, and revitalize the complexion.



Intense Surface Hydration

Applied topically to flood the epidermis with multi-depth moisture and reinforce the skin's natural protective barrier.

Visible Skin Plumping

Delivers a high concentration of hyaluronic acid to visually enhance surface firmness, bounce, and elasticity.

Texture & Tone Refinement

Effectively smooths the appearance of fine lines and uneven surface texture for a remarkably supple complexion.

Radiance Restoration

Revitalizes dull, fatigued skin by locking in essential moisture for a lasting, healthy, and luminous glow.

4 BENEFITS & EFFECTS

Benefits

Dual-Weight Synergy: Blends high and low molecular weight hyaluronic acid to deliver comprehensive, multi-depth surface hydration.

Generous Application: The 2.5ml syringe provides an ample volume of premium serum for thorough, full-face professional cosmetic treatments.

Rigorous Safety Profile: Dermatologically tested to ensure exceptional skin compatibility, safety, and predictable performance.

Certified Quality: Fully CPNP and SCPN registered, guaranteeing strict adherence to premier European and UK cosmetic standards.

Effects

Multi-Level Moisture: Instantly quenches the skin by drawing and locking vital hydration across the epidermal layers.

Surface Plumping: Visibly fills superficial fine lines and textural irregularities for a noticeably smoother, bouncier complexion.

Barrier Defense: Creates an invisible, breathable moisture shield on the skin's surface to prevent daily trans-epidermal water loss.

Revitalized Glow: Erases signs of fatigue and dullness by restoring a dewy, radiant, and healthy luminosity to the face.

Harnessing dual-molecular technology for unparalleled surface moisture, enhanced barrier defense, and a visibly plumper complexion.



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CLINICAL STUDIES

Below is a published clinical study that was performed on the active ingredient stated below.

Ingredient: Hyaluronic Acid - dual weight

Study Title: Efficacy of cream-based novel formulations of hyaluronic acid of different molecular weights in anti-wrinkle treatment

Date: 2021

Summary: This clinical trial strongly validates the dual-weight approach used in Ninaveli HI-LO. The study demonstrates that applying different molecular weights of HA topically yields superior cosmetic results compared to a single weight. High molecular weight HA forms an excellent, breathable film on the skin's surface to prevent moisture loss, while low molecular weight HA effectively penetrates the stratum corneum (the outermost layer of the epidermis) to provide deep, sustained hydration and visibly improve skin elasticity and texture.

Reference: Pavicic T, Gauglitz GG, Lersch P, Schwach-Abdellaoui K, Malle B, Korting HC, Farwick M. Efficacy of cream-based novel formulations of hyaluronic acid of different molecular weights in anti-wrinkle treatment. J Drugs Dermatol. 2011 Sep;10(9):990-1000. PMID: 22052267.

ABSTRACT

Background: Due to its strong water-binding potential, hyaluronic acid (HA) is a well-known active ingredient for cosmetic applications. Native HA is proposed to help the skin to retain and maintain elasticity, turgor and moisture.

Objective: To observe the efficacy of topical application of 0.1% hyaluronan formulations of different molecular weights (MW) (50, 130, 300, 800 and 2000 kDa, respectively) in the periorcular area as anti-wrinkle treatment.

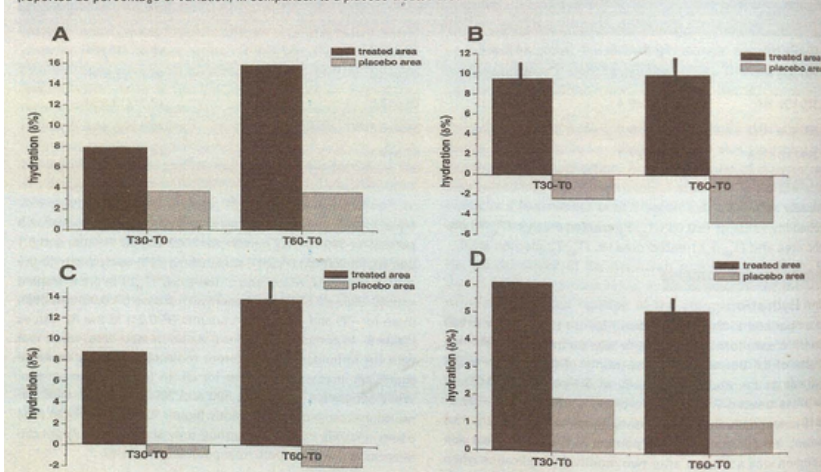
Material and Methods: Seventy-six female subjects between 30 and 60 years of age with clinical signs of periorcular wrinkles applied one of the formulations twice-daily to the area of interest in a randomized fashion for 60 days. Around the other eye, a vehicle control cream was applied. Measurements of skin hydration and skin elasticity were performed before treatment, 30 and 60 days thereafter. At similar time points negative replicas were taken and evaluated by semi-automated morphometry.

Results: All HA-based creams utilized in this study demonstrated a significant improvement in skin hydration and overall elasticity values (R2) when compared to placebo. Measurements of wrinkle depth using mean roughness (Ra) and maximum roughness (Rz) values revealed significant improvement in the 130 and the 50 kDa HA group after 60 days of treatment compared to placebo-treated area.

Conclusion: Topical application of all 0.1% HA formulations used in this study led to significant improvement in skin hydration and elasticity. Application of low-molecular-weight (LMW) HA was associated with significant reduction of wrinkle depth, which may be due to better penetration abilities of LMW HA.

J Drugs Dermatol. 2011;10(9):990-1000.

FIGURE 2. The effects of topical HA formulations containing A) 50, B) 130, C) 300, D) 800 and E) 2000 kDa HA, respectively, on skin hydration (reported as percentage of variation) in comparison to a placebo-treated area.



6 CLINICAL STUDIES

Below is a published clinical study that was performed on the active ingredient stated below.

Ingredient: Hyaluronic Acid

Study Title: Hyaluronic acid, a promising skin rejuvenating biomedicine: A review of recent updates and pre-clinical and clinical investigations on cosmetic and nutricosmetic effects

Date: 2018

Summary: *Evaluating extensive clinical data, this study focuses on the purely cosmetic and surface-level benefits of HA applications. The findings illustrate that highly concentrated topical HA treatments act as an exceptional non-invasive anti-aging tool. Regular application successfully reinforces the epidermal barrier, visibly plumps superficial fine lines, and promotes a significantly smoother, more refined skin topography without the need for dermal penetration.*

Reference: Bukhari SNA, Roswandi NL, Waqas M, Habib H, Hussain F, Khan S, Sohail M, Ramli NA, Thu HE, Hussain Z. Hyaluronic acid, a promising skin rejuvenating biomedicine: A review of recent updates and pre-clinical and clinical investigations on cosmetic and nutricosmetic effects. *Int J Biol Macromol*. 2018 Dec;120(Pt B):1682-1695. doi: 10.1016/j.ijbiomac.2018.09.188. Epub 2018 Oct 1. PMID: 30287361.

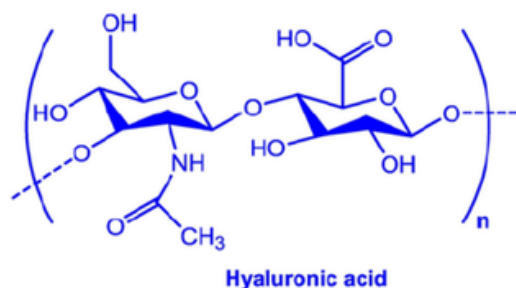


Fig. 1. Chemical structure of hyaluronic acid.

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Nutricosmetic



Fig. 2. Summary of cosmetic and nutricosmetic effects of HA.

7 CLINICAL STUDIES

Below is a published clinical study that was performed on the active ingredient stated below.

Ingredient: Hyaluronic Acid

Study Title: Hyaluronic acid: A key molecule in skin aging

Date: 2012

Summary: This comprehensive dermatological review highlights HA as the primary molecule responsible for skin hydration. The research confirms that the cosmetic application of HA profoundly enhances the skin's moisture-binding capacity. By continuously drawing water to the skin's surface, topical HA maintains an optimal hydration environment, which is clinically proven to reduce the visible signs of skin fatigue, combat dryness, and restore a supple, youthful luminosity to the complexion.

Reference: Papakonstantinou E, Roth M, Karakiulakis G. Hyaluronic acid: A key molecule in skin aging. *Dermatoendocrinol.* 2012 Jul 1;4(3):253-8. doi: 10.4161/derm.21923. PMID: 23467280; PMCID: PMC3583886.

Hyaluronic acid A key molecule in skin aging

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Skin aging is a multifactorial process consisting of two distinct and independent mechanisms: intrinsic and extrinsic aging. Youthful skin retains its turgor, resilience and pliability, among others, due to its high content of water. Daily external injury, in addition to the normal process of aging, causes loss of moisture. The key molecule involved in skin moisture is hyaluronic acid (HA) that has unique capacity in retaining water. There are multiple sites for the control of HA synthesis, deposition, cell and protein association and degradation, reflecting the complexity of HA metabolism. The enzymes that synthesize or catabolize HA and HA receptors responsible for many of the functions of HA are all multigene families with distinct patterns of tissue expression. Understanding the metabolism of HA in the different layers of the skin and the interactions of HA with other skin components will facilitate the ability to modulate skin moisture in a rational manner.

Dermato 
Endocrinology

8 PACKAGING & STORAGE

Packaging

2.5ml sterile syringe

Single use only



Dermatologically tested

Storage

- **Temperature Control:** Store the pre-filled syringes in a cool, dry environment, ideally between 2°C and 25°C. Strictly avoid freezing or exposing the product to extreme heat, as temperature fluctuations can degrade the integrity of the hyaluronic acid gel.
- **Light Protection:** Premium hyaluronic acid formulations are sensitive to prolonged UV exposure. Keep the syringes securely inside their original outer cartons when not in use to protect them from direct sunlight and harsh ambient lighting.
- **Maintain Integrity:** Do not open the protective blister pack or remove the syringe cap until immediately prior to the application to guarantee absolute product purity and safety.
- **Strictly Single-Use:** Once the syringe is opened, the product must be used immediately during the treatment session. To maintain strict hygiene and safety standards, any remaining product must be safely discarded and never stored or reused for subsequent applications.

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