

Gatuline® Link n Lift

Redesign the eye contour



People make our name

All in the eyes



Eyes truly reflect our emotions but also age faster. Indeed, the fragility of the eye contour and its permanent motion favor the formation of wrinkles.

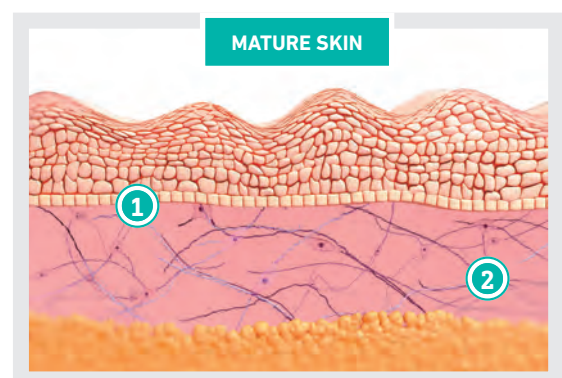
These wrinkles can lead to the expression of inappropriate emotions such as sadness, fatigue, bitterness, and sternness.

Gatuline® Link n Lift restores the features of the skin for a younger and fresher look, visibly reducing crow's feet, under-eye and tear trough wrinkles.

The eye contour is redesigned and the eyes are once again able to express genuine emotions.

Wrinkles are among the earliest and most visible marks of skin aging. They are a long-term accumulative effect resulting from repeated and habitual contractions of the underlying muscles of facial expressions.

As the skin ages, numerous changes occur in the organization and structure:



Binding the epidermis to the dermis through its anchoring complex, the DEJ provides structural integrity and mechanical resistance to the skin. It also mediates and modulates the communication between the epidermis and the dermis, by providing appropriate signals.

1 One of the most consistent findings is the flattening of the dermal-epidermal junction. This leads to a diminished area of contact between the dermis and epidermis: cohesion and communication are reduced, interfering with the skin's normal homeostasis.

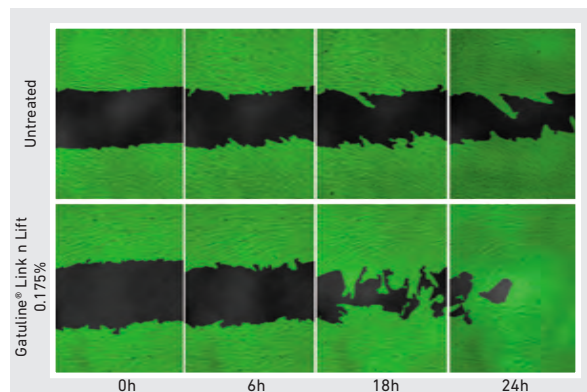
2 In addition, in the dermis of mature skin, fibroblasts are characterized by reduced contractile forces as well as reduced migratory capacity.

Gatuline® Link n Lift directly acts underneath the eye contour wrinkles, at the dermal-epidermal junction and in the dermis, bringing a younger, fresher look.

Restored functionality and communication

Stimulation of fibroblast contraction, mobility and dynamism

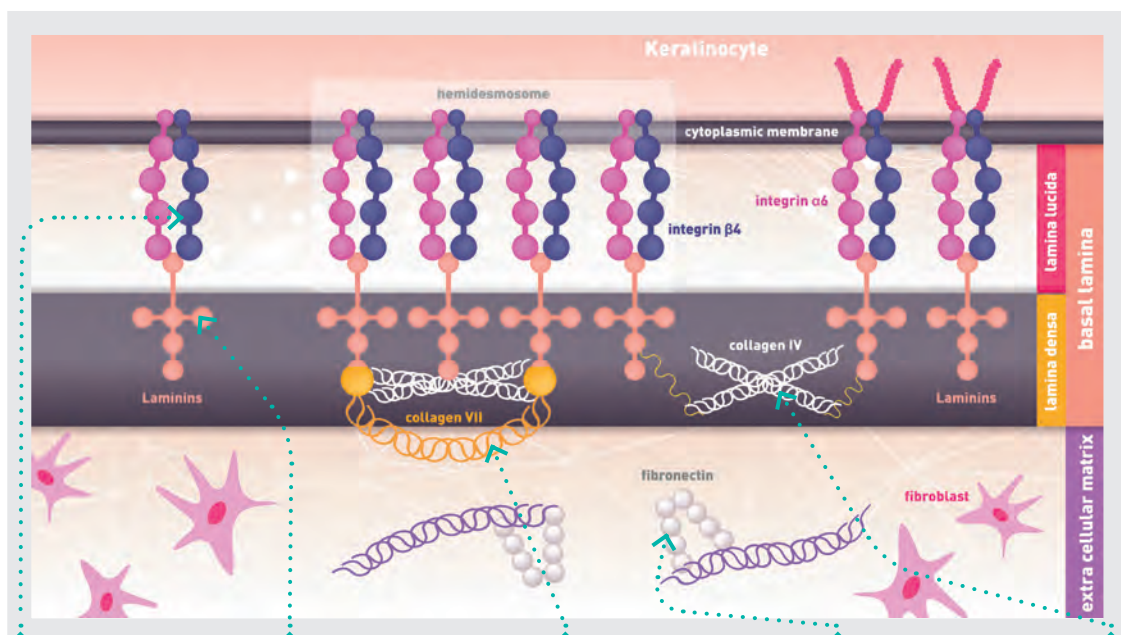
The effect of Gatuline® Link n Lift was assessed using a wound healing assay in order to quantify the migratory behavior, mobility and dynamism of fibroblasts.



Gatuline® Link n Lift increases the migratory capacity of fibroblasts by +80% ($p < 0.001$) vs untreated.

Gatuline® Link n Lift acts in depth, in the dermis, to stimulate fibroblast dynamism and mobility.

Direct action on all major DEJ components



Integrins mediate the cell-matrix and cell-cell adhesion and transmit mechanical and chemical signals, thus maintaining the DEJ integrity.

Up to +112% synthesis of integrins β4 ⁽⁵⁾.
Up to +103% synthesis of integrins α6 ⁽⁵⁾.

Laminins contribute to the supramolecular organization of the DEJ by self-assembly into large networks. They are also signaling molecules.

Up to +69% synthesis of laminin-5 ⁽⁴⁾.

Collagen VII forms a flexible anchoring fibril network, ensuring the adherence of the DEJ to the dermis.

Up to +97% synthesis of type VII collagen ⁽²⁾.

A true communication bridge, fibronectin is a master organizer participating in skin homeostasis and maintenance of biomechanical properties.

Up to +19% synthesis of fibronectin ⁽³⁾.

Collagen IV network is used as a framework by other DEJ components providing flexibility, structural integrity and mechanical robustness to the DEJ.

Up to +189% synthesis of type IV collagen ⁽¹⁾.

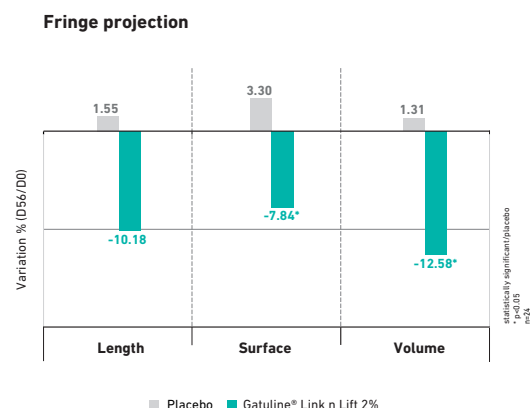
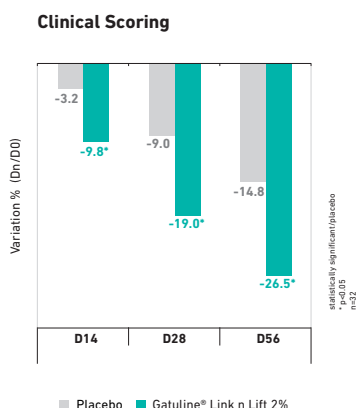
Gatuline® Link n Lift reinforces the DEJ integrity and functionality by stimulating the synthesis of all major components involved in epidermal-dermal cohesion and communication.

⁽¹⁾ and ⁽²⁾ Monolayer culture of fibroblasts - 0.25% Gatuline® Link n Lift vs untreated; ⁽³⁾ Monolayer culture of fibroblasts - 0.50% Gatuline® Link n Lift vs untreated - ⁽⁴⁾ and ⁽⁵⁾ Monolayer culture of keratinocytes - 0.175% Gatuline® Link n Lift vs untreated

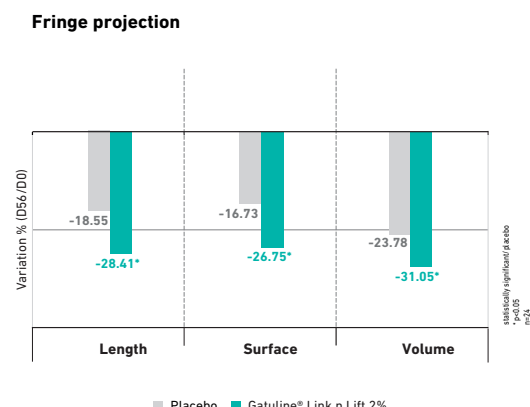
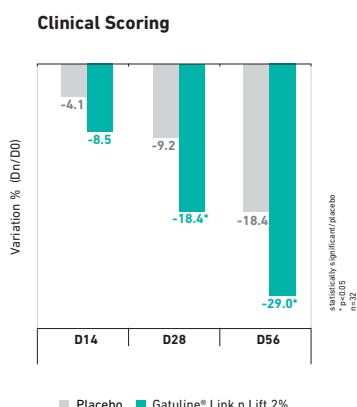
Visible effects in just 2 weeks

The smoothing, anti-wrinkle action of Gatuline® Link n Lift has been demonstrated *in vivo* on eye contour wrinkles in a clinical study⁽⁶⁾ using instrumental techniques, clinical scoring and self-assessment.

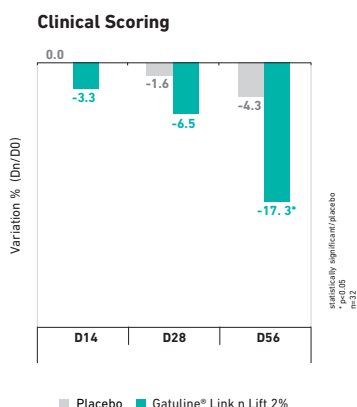
Crow's feet



Under-eye wrinkles



Tear trough wrinkles



Global improvement⁽⁷⁾



Gatuline® Link n Lift acts on all eye contour wrinkles: crow's feet, under-eye and tear trough. The first results are visible from only 2 weeks.

⁽⁶⁾ 56-day clinical evaluation in France, involving twice daily application to split face in a double blind study under dermatological and ophthalmological controls - 2% Gatuline® Link n Lift vs placebo. Panel of Caucasian women, aged from 46 to 65, with all skin types.

⁽⁷⁾ Clinical scoring, D56 vs D0, n=32



Gatuline® Link n Lift

smoothes the entire eye contour area for a younger, fresher look.

By reconnecting the epidermis to the dermis and enhancing the communication pathway, Gatuline® Link n Lift restores the features of young skin.

The first active derived from horse chestnut flowers, Gatuline® Link n Lift is rich in active molecules (flavonoids) and is obtained using the innovative NaDES technology.

Horse chestnut flowers are selectively and manually picked in the Ardèche region of France. Only two thirds of the flowers are harvested, ensuring a responsible sourcing for this organic certified ingredient.

Claims

- Significantly reduces all eye contour wrinkles
- Firms the eye contour
- Restructures and smoothes the skin
- Improves overall skin quality and comfort
- Rapid efficacy

Applications

- Anti-wrinkle care
- Eye contour treatments
- Pro-aging lines, skin smoothing treatments
- Natural lines

Use level

2%

INCI: Fructose (and) Glycerin (and) Water (and) Aesculus Hippocastanum (Horse Chestnut) Extract

Worldwide approval for cosmetic applications

Listed on IECIC (Inventory of Existing Cosmetic Ingredients in China) 2015

ECOCERT/COSMOS certified

NSF compliant

Gatuline® Link n Lift is obtained using the highly innovative NaDES technology (Natural Deep Eutectic Solvents).

The NaDES technology allows the creation of active compositions unattainable with conventional solvents. Natural, non-toxic and efficient at low temperatures, this technology is perfectly aligned with Gattefossé's strategy to provide high-performance sustainable ingredients.

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