

covéline

PARIS



Collagen Cream

day / night

- ✓ This anti-aging cream gives you an immediate lifting effect in addition to extreme rehydration
- ✓ Pot de 50 ml
- ✓ **ALL SKIN TYPES** (including delicate skins)

Made in France



Composition:

Our Collagen Cream COVÉLINE is formulated with a combination of active ingredients associated with one hydrolyzed micro-collagen base for a long-lasting nourishing, plumping and moisturizing effect.

It can be applied day or night, possibly in combination with our COVÉLINE serums.

Our active ingredients are 100% natural and derived from our green biotechnology*.

Directions of use:

- Apply morning and night on the face, previously cleansed
- Massage gently with finger tips until complete absorption
- Combine it with our serum lift COVÉLINE for better results

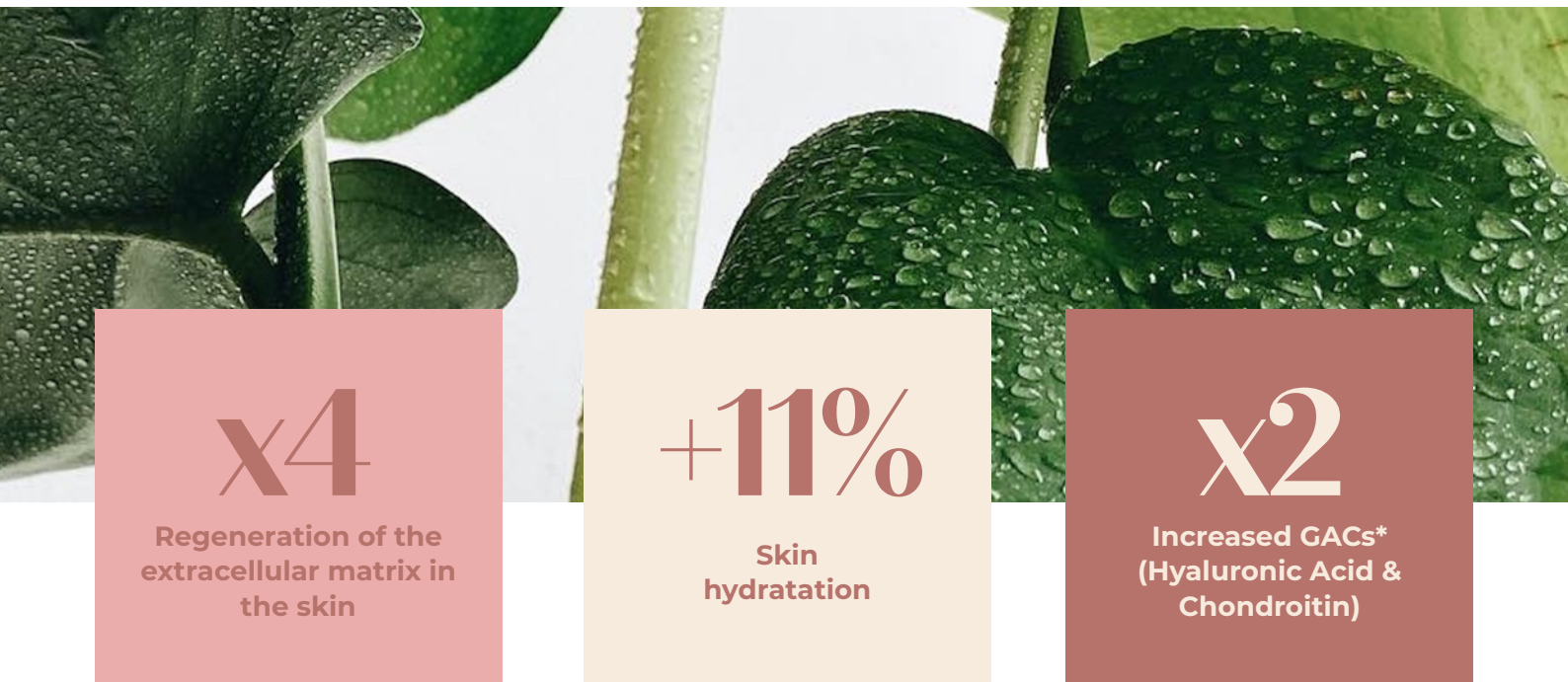
*Biotechnology : this is the science that uses living organisms (plants, algae or plankton). It makes it possible to extract the very best of their components and to use their natural and concentrated active ingredients. We have selected their specific molecules for the targeted skin improvement benefits.

Technical informations:

- **Micro-collagen** : Structural building bloc of the skin, it participates in the natural anti-aging process by providing the skin layers with constitutive and regenerative elements.
- **Apricot kernel oil (Prunus Armeniaca)** : Originally from Armenia, apricot kernel oil has been known since ancient times for its protective and toning properties for the skin. This oil is rich in essential fatty acids (oleic and linoleic acids), vitamin A and organic acids, such as vitamin C. On tired or reactive skin, it nourishes, soothes, purifies and tones the skin with a dry, non-greasy and pleasant texture.
- **Oleic acid** : We have selected a mono-unsaturated fatty acid from the Omega 9 family (essential fatty acids). It participates in the regeneration of cell membranes and improves the natural barrier function of the skin. Main component of olive oil, it has been used since Antiquity for its repairing, restructuring and emolliating properties. This acid is also known for its healing properties.
- **Palmitoyl isoleucine** : Resulting from the association of an essential amino acid with a lipid carrier agent, and produced by our «VoluFirming» biotechnology, this molecule aims to increase firmness and plumpness of the skin. It increases cellular activity for a plumping effect and accelerates the epidermis detoxification. This “booster” effect allows the skin’s ecosystem to regain a natural balance by acting on several levers: accelerated differentiation of epidermal keratinocytes for younger-looking skin, improved detoxification mechanisms for healthier skin, stimulated antioxidant reactions for a strong anti-aging effect, and activated adipocytes in the extracellular matrix for a plumping effect.
- **Polyols (Xylitylglucoside, Anhydroxylitol, Xylitol)** : Extracted from birch bark, they are involved in optimizing the skin’s water reserves and limiting water loss, contributing to visual improvement of the skin surface.
- **Hydrolyzed Beta-Glucan** : This oligosaccharide reduces trans-epidermal evaporation and therefore maintains good hydration of the skin. By its low molecular weight, it promotes the stimulation of natural hydration factors (filagrin, involucrin and aquaporins), especially for skin sensitized by cold, drought or environmental factors (pollution, stress, etc.).

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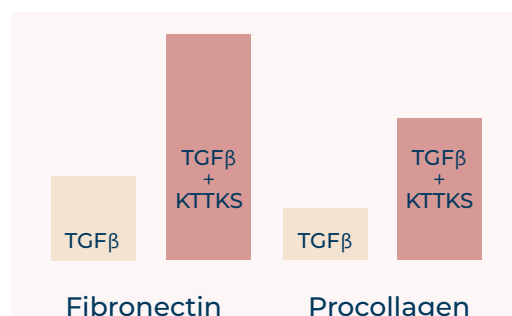
*GACs : Glycosaminoglycans, of which hyaluronic acid is the main component.

Clinical studies:

- **COVÉLINE's micro-peptide** is essentially composed of the amino acid sequence Lys-Thr-Thr-Lys-Ser (so called KTTKS). It was tested on fibroblasts (HFL-1) prepared with enriched culture medium. Stimulation of the extracellular matrix was monitored using proline markers, electrophoresis and fluometry. **The study shows that the synthesis of the extracellular matrix increases by approximately 400%.** In addition, our micro-peptide exhibits greater activity than the other peptides tested in this same study: at 50 μ M, it shows a growth factor of 3, while the other peptides have very low growth.

The KTTKS sequence of our micro-peptide therefore seems to have a very specific interaction with the cells of the extracellular matrix, resulting in the activation of TGF (transforming growth factor), known for their role in the biosynthesis of the extracellular mesh.

In the presence of KTTKS, the production of fibronectin increases by a factor of 3, and that of procollagen chains (α 1- et α 2-) by a factor of 4.4, as shown in the graph below.



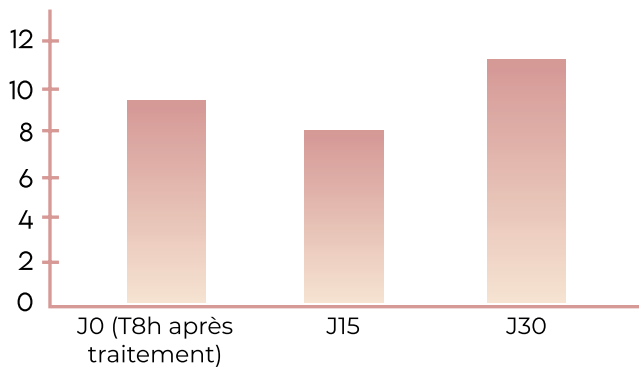
Étude ex-vivo: neosynthesis of collagen by a human skin explant

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- **Polyols** play a dual role: **optimizing reserves and limiting water loss for visual improvement of the skin surface.**

% d'augmentation de l'hydratation au placebo

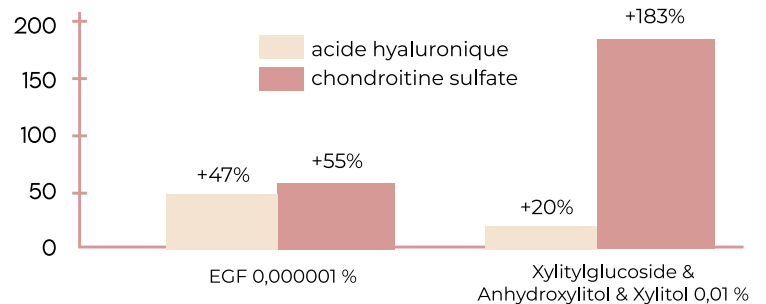


Study on 25 subjects with dry skin by applying a 3% polyol complex twice daily.

Skin hydration is increased by 11% at 30 days vs. placebo.

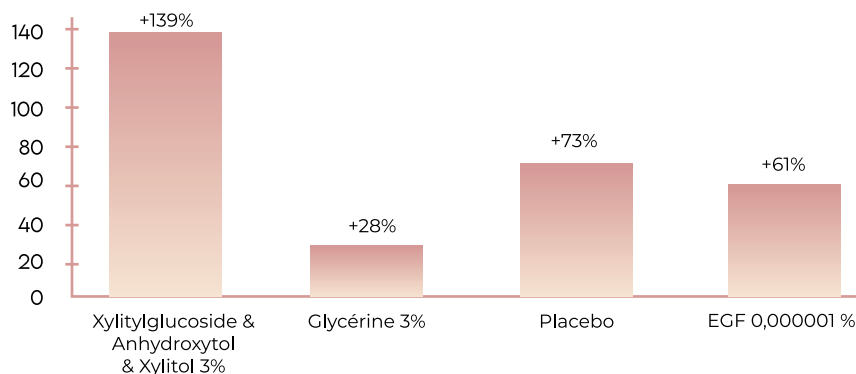
Fibroblasts in culture, incubated with the active ingredient or with a control (EGF): **+200% of Glucosaminoglycans (GACs)**

% d'augmentation du contenu en GAGs / au témoin



Its **role as a water barrier** is demonstrated by measuring the amount of ceramides, which form a lipid film, hence limiting the water evaporation from the skin surface. Our clinical study shows that **the ceramide synthesis increases by 139% compared to the control**; much better result than other active ingredients commonly used in dermatology.

% d'augmentation de la synthèse des céramides / au témoin



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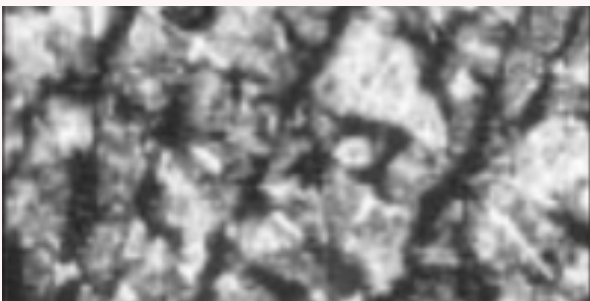


“LA VIE N’A
PAS D’ÂGE

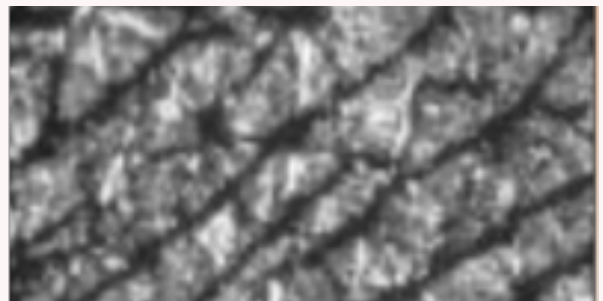
These results are confirmed by a panel of 25 volunteers with dry skin applying our 3% polyol complex twice a day for 1 month. Their skin surface has been analyzed after desquamation and scanning to visualize the skin microrelief.

Sampling of corneocytes (skin flakes) at Day 30

1 month treatment with Placebo



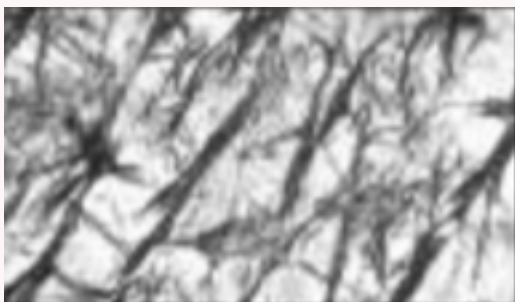
1 month treatment with Xylitylglucoside & Anhydroxylitol & Xylitol



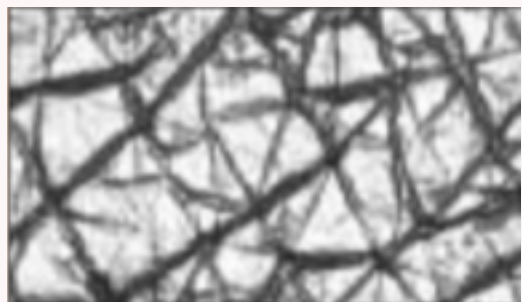
+25% improvement in skin microrelief with 3% Xylitylglucoside & Anhydroxylitol & Xylitol compared to placebo (visual score).

Direct skin imprint at Day 30

1 month treatment with Placebo



1 month treatment with Xylitylglucoside & Anhydroxylitol & Xylitol



+30% improvement of skin's microrelief with 3% Xylitylglucoside & Anhydroxylitol & Xylitol compared to placebo (visual score)