

# skin smoothing cream

powered by Active HydraMesh Technology™





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1 Skin Smoothing Cream

# introduction

Did you know that **your skin can lose up to half a litre of moisture through Trans-Epidermal Water Loss (TEWL) each day?** That may sound like a lot – and it is.

After all, moisture loss means more than just dehydrated skin. The latest scientific insights tell us that truly healthy skin starts with the right balance of hydration, a strong lipid barrier and an optimal microbiome. If any of these factors are imbalanced, skin can look – and feel – compromised. That's why **we made it our mission to harness advanced hydration technologies into a next-generation formula for our best-selling moisturiser.**

Between increasing environmental triggers and our ever-busier lifestyles, the world has changed since we created the original Skin Smoothing Cream. We evolved its formula with this in mind: Skin Smoothing Cream now features state-of-the-art **Active HydraMesh Technology™**, which infuses skin with 48 hours of continuous hydration while simultaneously helping to prevent TEWL. A Hyaluronic Acid Complex distributes moisture throughout skin's layers to help lock in hydration, and moisturising Aloe – along with soothing Mallow, Cucumber and Arnica – maintain what clients love about the original best-selling formula.

In short, Skin Smoothing Cream now does more than simply replace lost hydration; it **proactively works to help clients achieve their healthiest skin.**

# hydration and optimal skin health

The latest scientific insights tell us that healthy skin is dependent on three crucial factors: **hydration**, a **strong lipid barrier** and an **optimal skin microbiome** (microbial environment).

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# Let's examine what makes each of these factors so important:

## Hydration

Proper hydration is central to skin health. The skin has its own Natural Moisturising Factor (NMF). This is the collective name for a group of molecules (such as amino acids, Urea and Lactate) that help retain moisture in the skin. Hydration can also come from topically applied skin care products, the water you drink throughout the day, and your diet. Likewise, lifestyle can have a big impact on skin's hydration levels: environmental factors, stress, and even the weather can significantly deplete skin's hydration reserves.

The result of this depletion is **dehydrated skin**. It can affect anyone, and can appear as fine lines, dryness and tightness – and one of the biggest consequences of dehydrated skin is an increase in sensitivity. Regardless of the symptoms, the solution is providing continual hydration to keep skin dehydration at bay.

## Lipid Barrier

Found in the outermost layer of the epidermis – the stratum corneum – lipids are the “mortar” in the skin structure that form a protective barrier from the outside world, helping to keep irritants out. The lipid barrier plays a crucial role in managing skin's moisture levels by stopping water loss and preventing extreme dryness.

When the lipid barrier is impaired or slow in replenishing itself, this protective barrier is compromised – which can result in dehydration and increased sensitivity.

## Microbiome

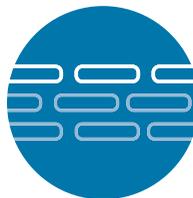
The skin hosts a wide array of organisms that comprise its **microbiome** (natural microbial ecosystem). Traditionally we tend to think of most bacteria as “bad”, but the skin microbiome plays an important role in some of the skin's key processes. In terms of cell turnover, the microbiome helps regulate skin's pH – which is vital for the function of crucial enzymes. It's also a key part of the immune system, and physically blocks “bad” bacteria from the skin.

Research is ongoing, but we're now starting to understand the positive impact that certain bacteria within skin's microbiome – such as *S. epidermidis* – can have on skin health. Therefore, by influencing the microbiome, we can influence the overall health of the skin.

**For healthy skin, we need to ensure that we've optimised all three factors:**



hydration



lipid barrier



microbiome

# the science of skin smoothing cream



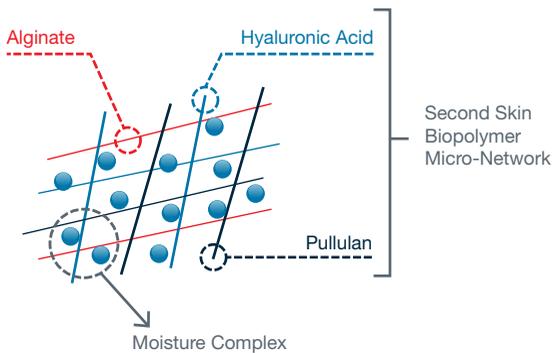
Today's busy lifestyle and challenging environmental conditions make continuous hydration a crucial component of overall skin health. When reformulating Skin Smoothing Cream, the skin health experts at The International Dermal Institute sought to address this issue head-on – by incorporating the latest advanced hydration technologies without altering the aesthetic of the original formula.

Let's take a deep dive into the science behind this next-generation moisturiser, and examine how it works to help clients achieve their healthiest skin.

## hydrates skin for 48 hours

Skin Smoothing Cream now features new **Active HydraMesh Technology™**, which works on a molecular level to form a mesh-like surface over skin – helping to reduce Trans-Epidermal Water Loss (TEWL) and infusing skin with **48 hours of continuous hydration**.

Active HydraMesh Technology™ hydrates and protects skin in two phases. A state-of-the-art biopolymer micro-network forms a protective “second skin”. Then, a powerful moisturising complex held within the polymer network is gradually released to hydrate skin for 48 continuous hours.



### Second Skin Biopolymer Micro-Network

The molecular mesh of Active HydraMesh Technology™ is a combination of three polysaccharides, which work together to create a protective film and hydration reservoir:

- **Alginate**, a biomaterial with gelling and film-forming properties plus the ideal porosity to trap small moisture molecules
- **Hyaluronic Acid**, a moisture-retaining humectant that holds up to 1,000 times its own weight in water
- **Pullulan**, a linear polysaccharide with gelling and film-forming properties

### Moisture Complex

Contained within the second skin biopolymer micro-network, this complex is gradually released into the heart of the stratum corneum for 48 hours of intense hydration.

- **Urea**, a key component of skin's Natural Moisturising Factor (NMF)
- **Trehalose**, a sugar-based humectant that helps skin stay well-hydrated
- **Glycerin**, a humectant that attracts and helps skin retain moisture

## reinforces skin's barrier function

In addition to Active HydraMesh Technology™, Skin Smoothing Cream now also contains an advanced plant-derived lipid complex from Coconut Oil, Borage Seed and Soybean. Comprised of **Linoleic Acid**, **phytosterols** and **phosolipids**, it reinforces skin's natural lipid layer to improve barrier function.

## protects skin's microbiome

Active HydraMesh Technology™ does more than moisturise: it also helps protect skin's microbiome from environmental stress.

Environmental pollutant particles can suppress the growth of “good” bacteria (*S. epidermidis*) on skin's surface. **Active HydraMesh Technology™ has been shown to protect “good” bacteria from the deleterious effects of pollution; in fact, it improves growth of *S. epidermidis* by 50% in polluted conditions.** In turn, *S. epidermidis* inhibits the growth of “bad” bacteria, optimising the microbiome for healthy skin. Glycerol, a prebiotic, further supports *S. epidermidis*.

## delivers natural actives

In addition to our groundbreaking ingredient technologies, the new formulation of Skin Smoothing Cream still includes naturally-derived ingredients from the original formula.

**Vitis Vinifera (Grape) Seed, Ascorbyl Palmitate (Vitamin C) and Tocopheryl Acetate (Vitamin E):** antioxidants that help reduce free radical activity and defend skin.

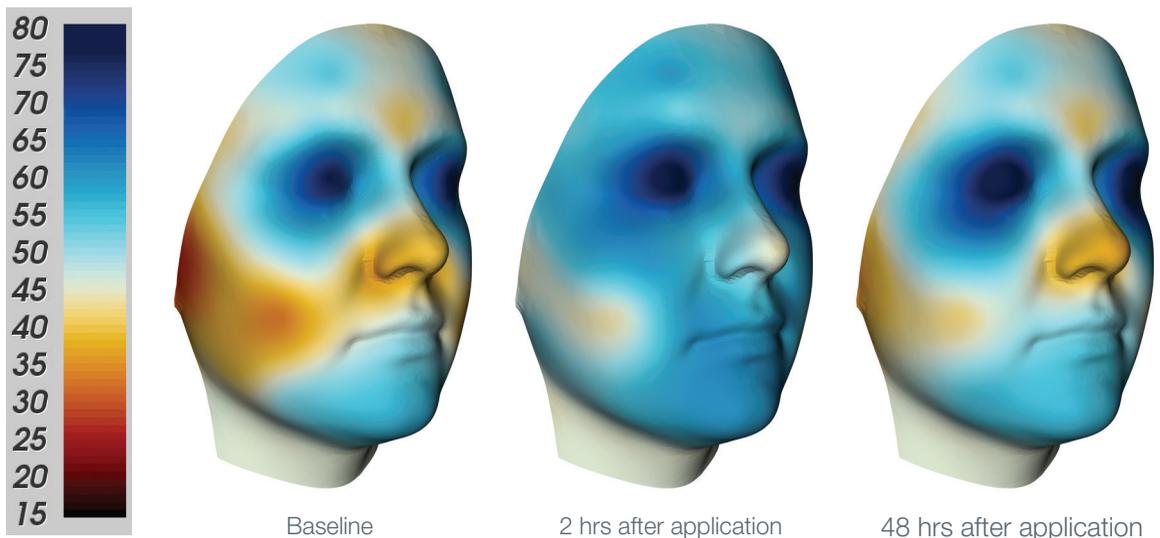
**Malva Sylvestris (Mallow), Cucumis Sativus (Cucumber) and Arnica Montana Flower:** extracts that help soothe and hydrate the skin.

**Aloe:** moisturises, promotes healing and helps prevent the appearance of dehydration lines.

## Active HydraMesh Technology™ clinical testing results

Skin Smoothing Cream delivers a significant increase in skin hydration after two hours, as shown below. Skin hydration was maintained for 48 hours.

**blue** = hydrated skin      **red** = dry skin





skin  
smoothing  
cream  
at a  
glance



## what it is

A next-generation moisturiser featuring a state-of-the-art complex that infuses skin with moisture and works on a molecular level to help reduce Trans-Epidermal Water Loss (TEWL) and shield skin's natural microbiome.

## why your clients need it

Today's moisturisers need to do more than replace lost hydration. The latest scientific research indicates that healthy skin starts with a balance of hydration, a strong lipid barrier and optimal skin microbiome – so **we evolved Skin Smoothing Cream's formula to provide 48 hours of continuous hydration** while simultaneously locking in moisture and protecting skin's beneficial bacteria.

## how it works

Active HydraMesh Technology™ infuses skin with 48 hours of continuous hydration and helps protect against environmental stress.

## skin condition

Dry, dehydrated or prematurely-ageing skin.

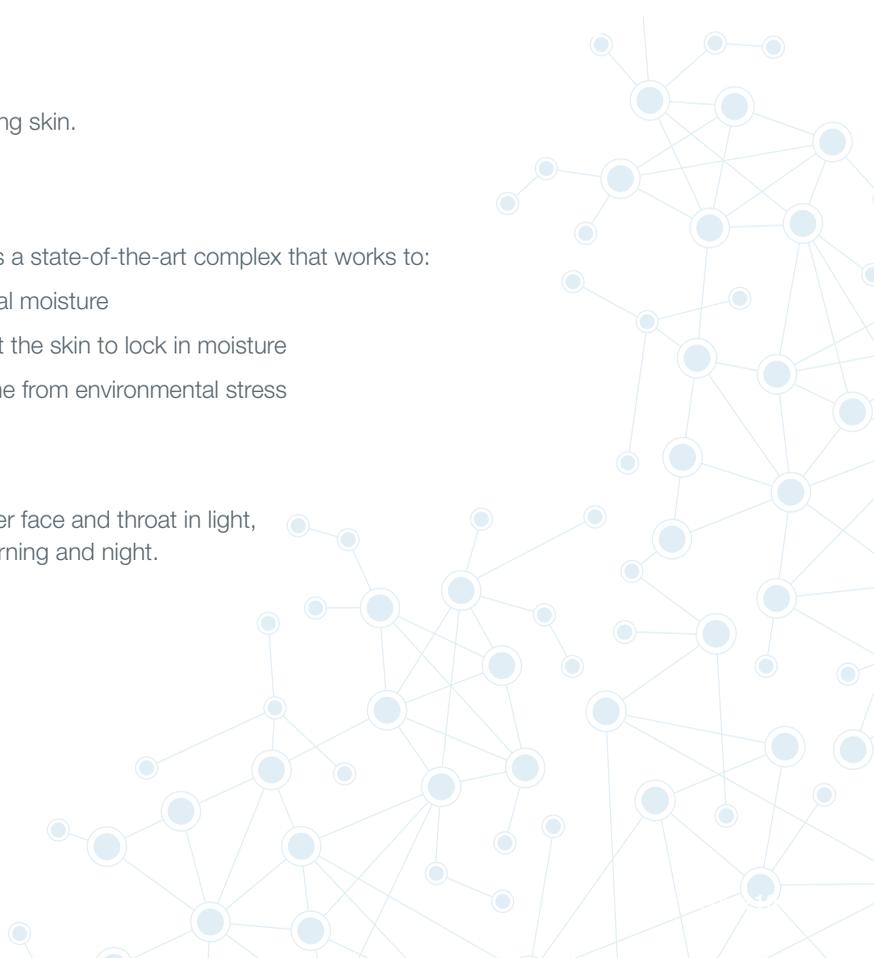
## key benefits

Skin Smoothing Cream now features a state-of-the-art complex that works to:

- Infuse skin with 48 hours of vital moisture
- Distribute hydration throughout the skin to lock in moisture
- Shield skin's natural microbiome from environmental stress

## application

After cleansing and toning, apply over face and throat in light, upward strokes. Use twice daily, morning and night.





# NEW! 48 hours of hydration skinsolver<sup>®</sup> treatment

**time:** 10 minutes

Let clients experience Skin Smoothing Cream with new Active HydraMesh Technology™ with this ultra-moisturising 10-minute professional treatment. SkinSolver<sup>®</sup> Treatments can be performed on your retail floor, or at the skinbar - making them a convenient way to showcase skin treatments while educating clients.

See SkinSolver<sup>®</sup> Treatment protocol on following page. For further information about this service, contact your **Dermologica Education Training Centre**

# skinsolver<sup>®</sup> protocol

## step 1 (1 minute)

Begin the Dermalogica Double Cleanse by applying 2 pumps of PreCleanse with fingers, cotton pad or fan masque brush. Swipe over skin to remove make-up, oil and debris.

## step 2 (3 minutes)

Mix 1 pump Special Cleansing Gel or skin specific cleanser with water in a cup and apply with fan masque brush. Lightly manipulate, then remove with cool damp disposable wipes or cool steam towel.

**Pro Product Boost:** Add 1 pump of Exfoliant Accelerator 35 to the cleanser.

**Modality Option:** Use an ultrasonic brush or blade on exfoliation mode for a deep cleanse.

## step 3 (3 minutes)

Dispense a few drops of Skin Hydrating Booster and press onto the skin or add into the masque. Then apply a thin layer of Skin Hydrating Masque with a fan masque brush. Remove with damp disposable wipes.

**Modality Option:** Use an ultrasonic blade on penetration mode to optimise hydration.

## step 4 (2 minutes)

Spritz the skin with Multi-Active Toner and apply Skin Smoothing Cream.

## step 5 (1 minute)

Protect skin by layering Solar Defense Booster SPF50 or prescribed Daylight Defense.



# frequently asked questions

## What's new about this version of Skin Smoothing Cream?

Skin Smoothing Cream now features new **Active HydraMesh Technology™**, which delivers superior hydration by working on a molecular level to form a mesh-like surface over skin to help reduce TEWL and infuse skin with **48 hours of continuous hydration**.

## Why have we changed a well-loved, top-selling product?

Between increasing environmental triggers and today's busy lifestyles, skin hydration is more important than ever – so we upgraded Skin Smoothing Cream with the latest advanced technologies that provide continuous hydration.

## Is this still a medium-weight moisturiser for dehydrated skin?

Yes! The new Skin Smoothing Cream will look and feel very similar to the existing formula, but will deliver greatly enhanced hydration benefits.

## How often should my client use this product?

We recommend using Skin Smoothing Cream twice a day, morning and evening. During the day, advise clients to layer it beneath their favourite Dermalogica SPF.

## When should I prescribe this product instead of Intensive Moisture Balance or Active Moist?

Skin Smoothing Cream is ideal for clients with normal to dry, dehydrated or combination skin. Clients with dry to very dry skin may benefit more from Intensive Moisture Balance, whereas clients with normal to oily skin will benefit from Active Moist.



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