

Clinically backed and market proven.

Our best liquid collagen formulations target skin texture, density and hydration, that directly translate into reduced wrinkles and smoother skin.

The Clinical Study

An independent institute conducted a **randomised, double-blind, placebo controlled** clinical study, involving **107 women** aged between 40 to 65 years with a BMI lower than 35.

The study examined **three best-selling Reverse Life formulations** with expert selected Collagen peptides, produced with **Velious™ technology**.

Primary endpoints were evaluating the capability of our products to promote the **synthesis of collagen and elastin fibres** in the dermal layer of the skin.

107

Women

12

Weeks

1x25 ml

Daily intake

Collagen 10.000

Clinical study
overview

*image from clinical study assessments



Collagen 10.000

Formulation details

Clinical study examined the formulation with **10.000 mg** of **Reverse Life selected Collagen peptides**, produced with **Velious™** masking technology.

Additionally, **80 mg/ 25 mL of vitamin C** was added to the formulation which is **sugar free** and comes in a **liquid format** which provides special **convenience** and **ease of use**.

10.000 mg

Collagen Peptides

+

80 mg

vitamin C

+

VELIOUS™

masking technology

By far, the best
tasting liquid
collagen formulation
at this level of
potency and
collagen peptides
concentration.



Collagen **10.000**

Highest in peptides.

Best in taste.



With the use of double concentration of collagen peptides in this formulation, we accelerate the process of setting off fibroblasts in the skin to produce new collagen even faster.

Better and faster synthesis of new collagen, as well as highly improved skin hydration result in significant and visible results in the wellness of the skin.

Results Overview

Significant results in **skin hydration** and **structure**, which manifest in visible **wrinkle** and **fine line reductions** in just 12 weeks.

+19%

Dermis density

+39%

Skin hydration

-14%

Wrinkles depth

+2,6%

Dermis thickness

-6%

Skin roughness

-12%

Wrinkles volume

Collagen
10.000

Collagen **10.000**

Study Details

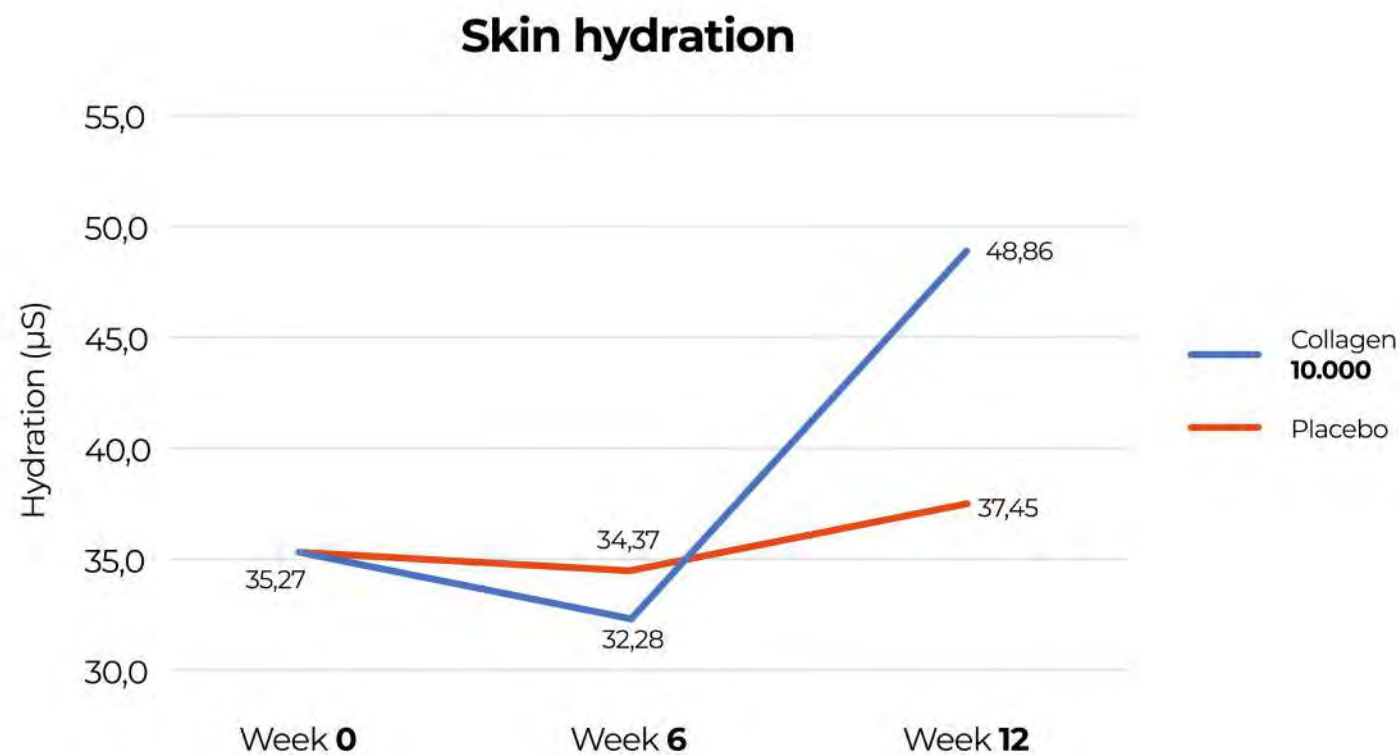
Collagen **10.000**
Liquid Formulation

Dermis density, thickness, skin hydration, TEWL and viscoelasticity measurements were performed at baseline and after 6 and 12 weeks of intervention. Roughness and wrinkles assessments were performed at baseline and after 12 weeks of intervention.

The results were obtained during October 2021 and February 2022. All measurements were carried out on subjects lying (or sitting for roughness and wrinkles measurements) in a room with a temperature of 20-25 °C and relative humidity 40-60%. Assessments started after a 30-min acclimatization period in the same atmospheric conditions.

39% improvement in skin hydration

To prevent **premature appearance of wrinkles, skin hydration is crucial.**



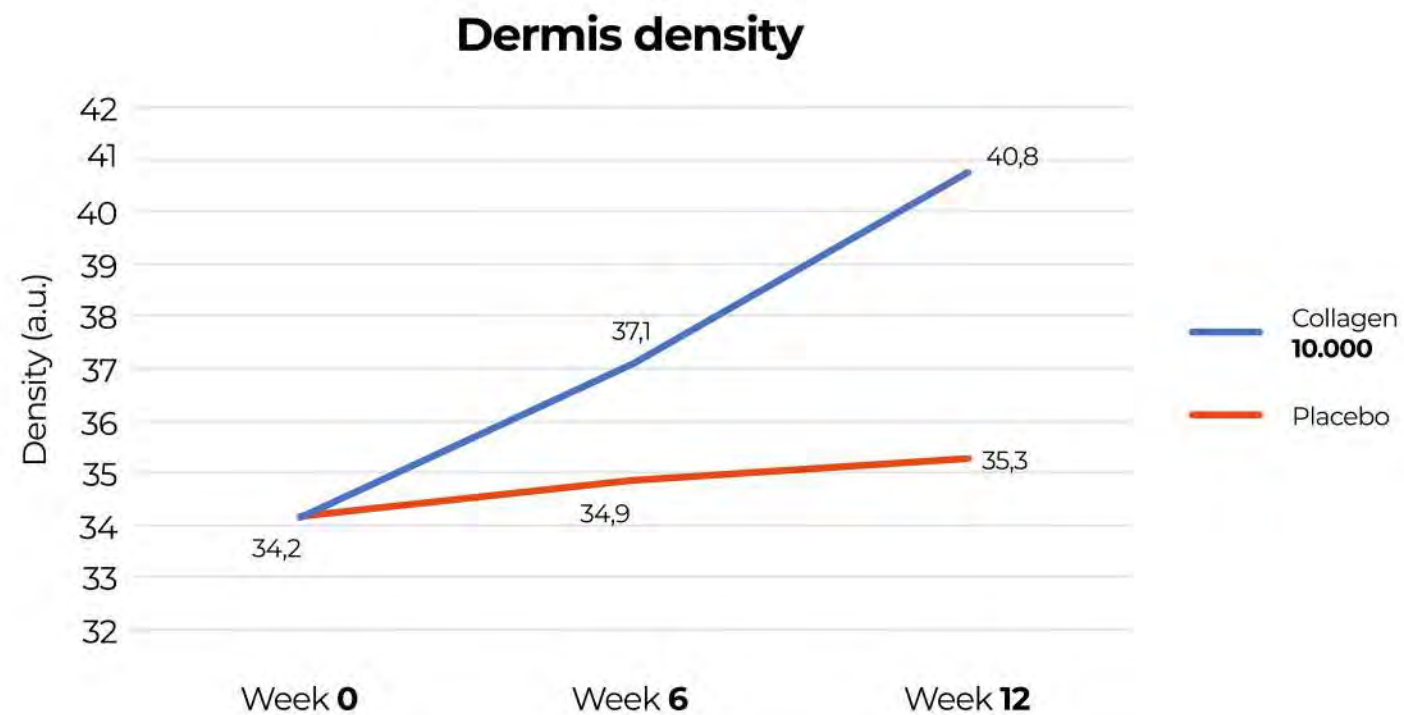
Your skin needs water to give it strength and elasticity - in other words, to look and feel healthy.

Skin hydration consequently represents a huge category in skin cosmetics.

The study showed a significant, **39% increase in skin hydration** using Collagen supplementation for **just 12 weeks.**

19% improvement in dermis density

Sagging, fine lines and wrinkles are a manifestation of skin density loss.

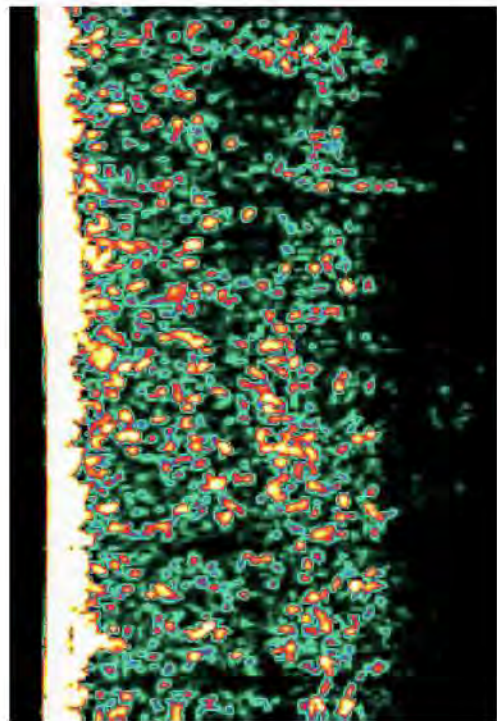


Skin density is the combination of collagen and elastin, along with other lipids and amino acids, that create the matrix of the dermis.

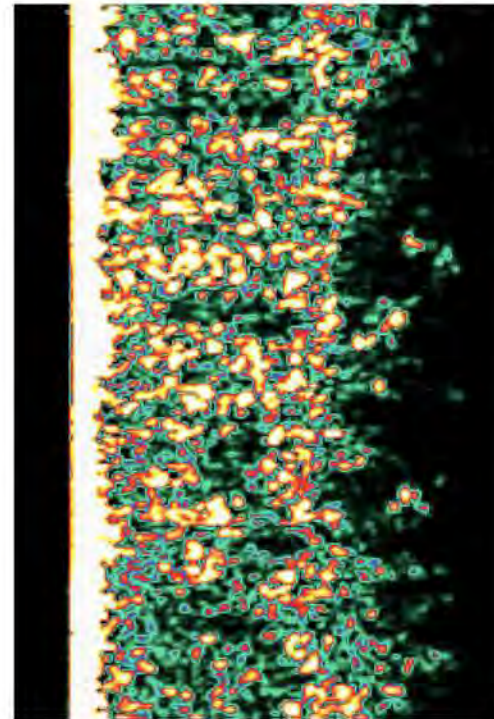
The clinical study showed a significant, **19% improvement in dermis density** using a **high Collagen peptide concentration**.

Effects of intervention on dermis:

Ultrasound images of the dermis at **baseline** and **after 12 weeks**



Week **0**



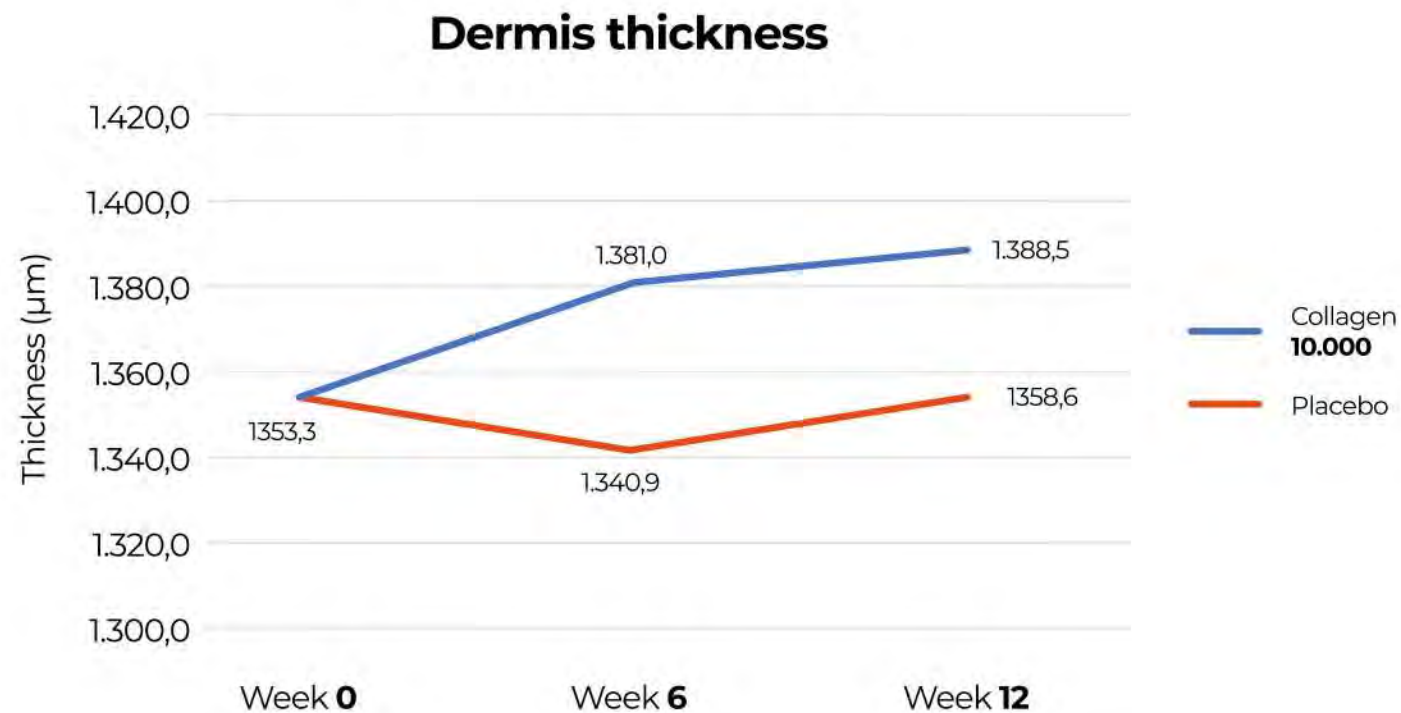
Week **12**

In the ultrasound images, the white line to the left represents the epidermis with a water film, to the right followed by dermis, characterized by varying intensities, and subcutis by low-intensity areas due to a homogenous composition.

An increase in dermis echogenicity is visible, indicating an improvement in dermal density throughout the study, while no important change can be observed from images for subject from placebo group.

2,6% improvement in dermis thickness

Losing dermis **thickness** causes loss of **skin elasticity**.

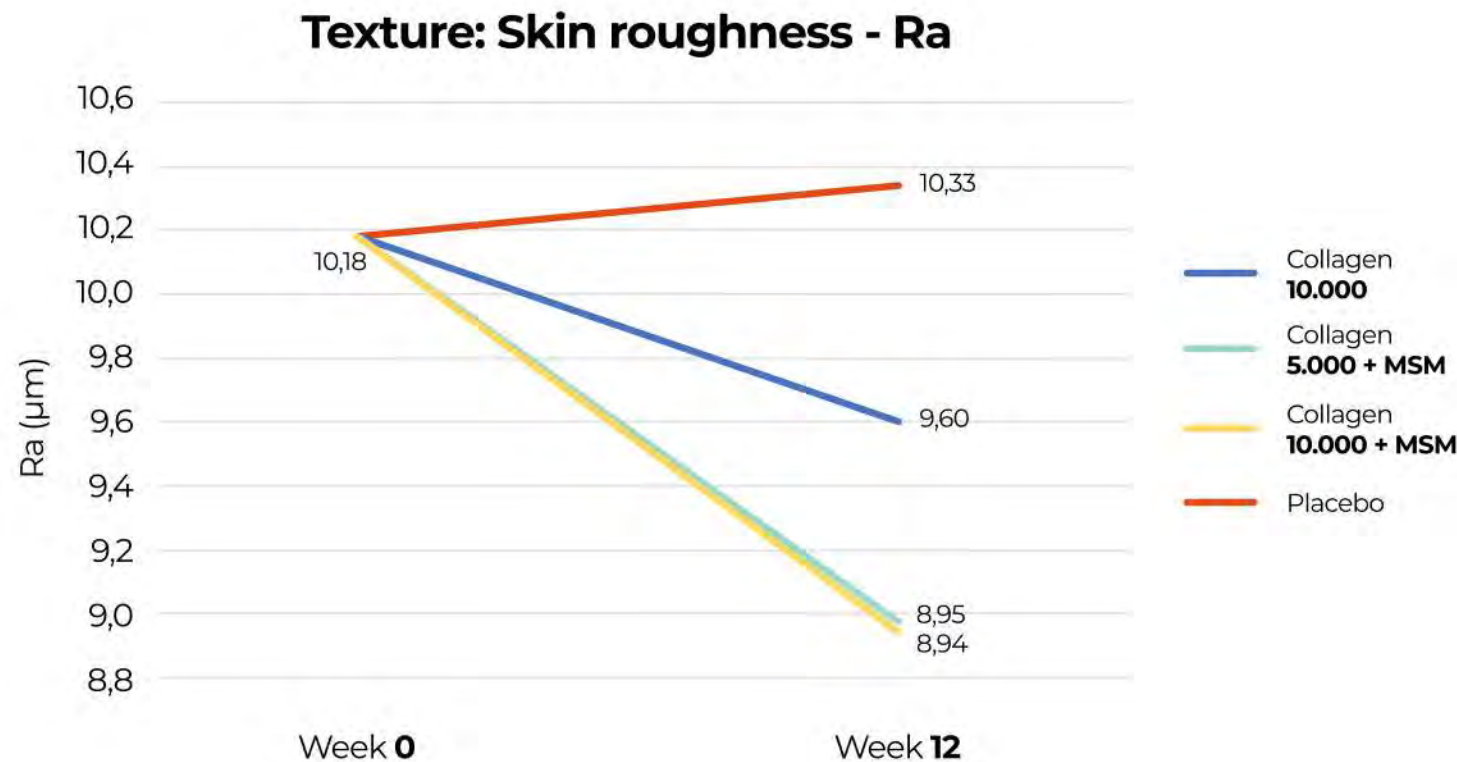


Genetics undoubtedly contribute to the problem of thin skin, but ultraviolet light (sun & tanning beds) actually has the biggest impact on thinning our skin.

Losing thickness of our skin is one of the toughest things to reverse due to light exposure, so a **4,4% improvement in only 12 weeks** is a exceptional achievement.

-6% decrease in skin roughness

Skin hydration and **roughness** are **highly connected**.

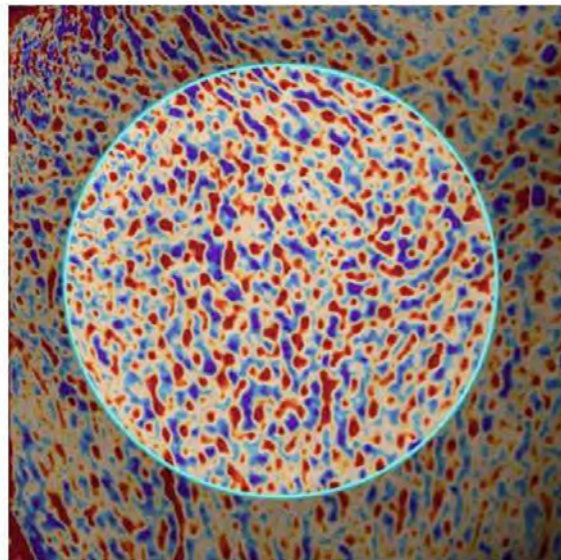


The study showed, that thanks to highly improved skin hydration using a high dose collagen formulation, **skin roughness decreased 6%** as well.

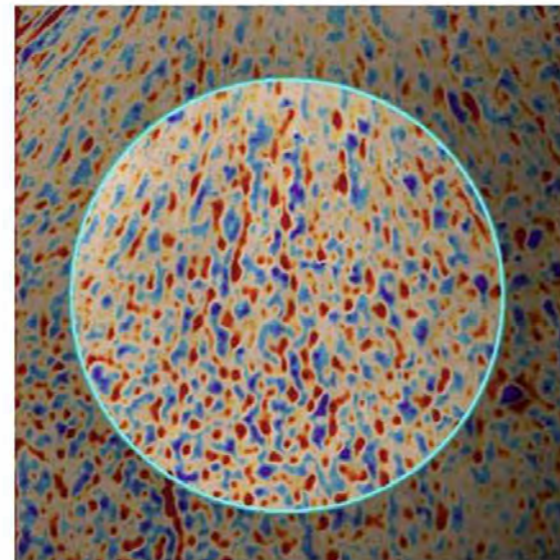
The same study shows, that for higher level improvements in skin texture, a combination with additional ingredients like MSM is highly recommended.

Effects of intervention on skin roughness

Visuals from a **subjects' cheek area** using the **Antera 3D texture mode**.



Week **0**



Week **12**

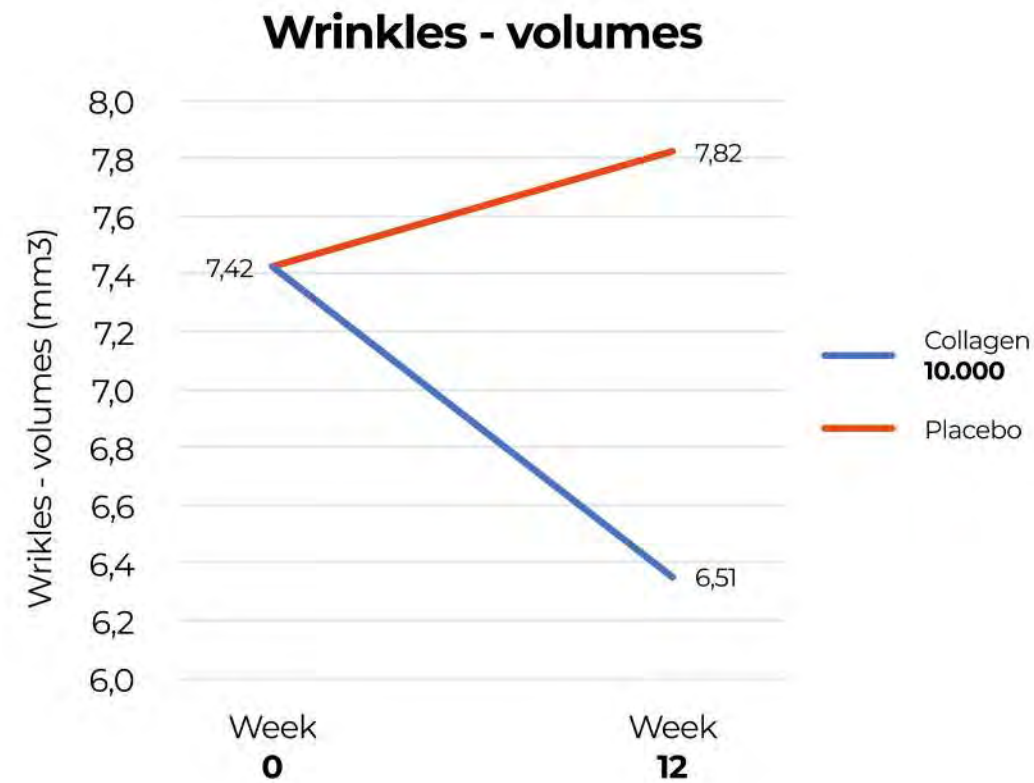
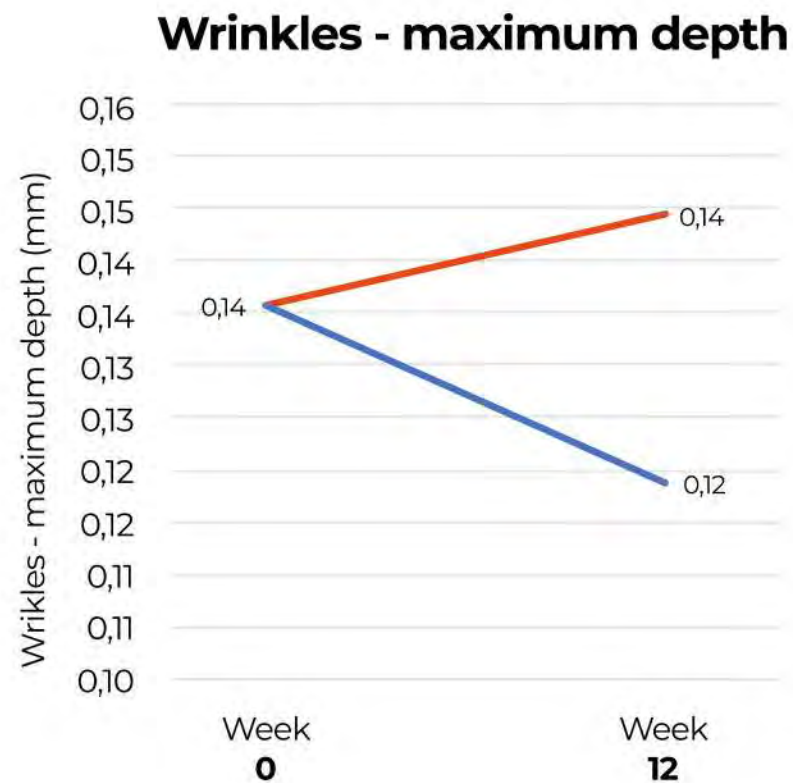
Roughness is quantified by the vertical deviations of a real surface from its ideal form.

If these deviations are large, the surface is rough; if they are small the surface is smooth. A false-color map is used to identify the areas with textural roughness, where red and yellow colours represent depressed areas, and blue and purple colours represent elevated areas.

-14% wrinkle
max. depth

-12% wrinkle
volumes

With thinner, less hydrated, and less elastic skin, the wrinkles appear.

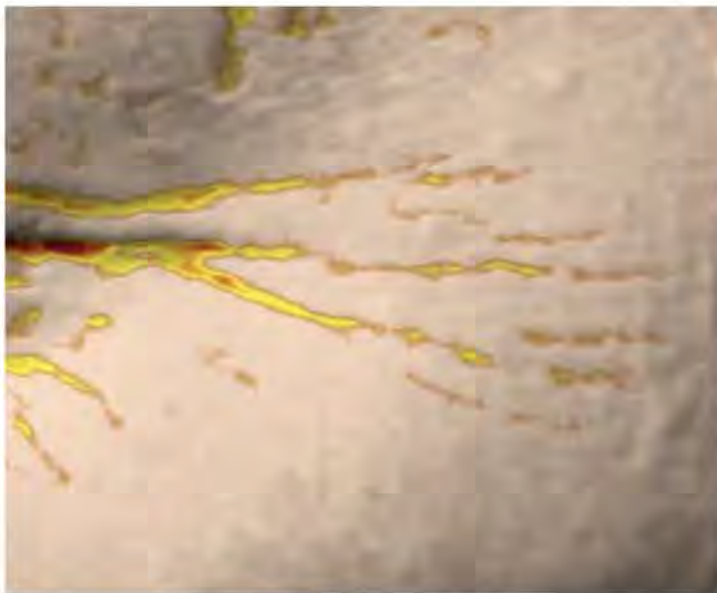


With age, we lose skin thickness and density, skin is less hydrated and elastic, therefore the natural process of wrinkling begins.

The study shows that we can reverse this process with collagen supplementation. In fact there was an **improvement of 14% in maximum wrinkle depth** and **12% in wrinkle volumes** after **12 weeks**.

Effects of intervention on wrinkles

Visuals from a **subjects' Crow's feet area**



Week **0**



Week **12**

Visuals from a subjects' Crow's feet area using the medium filter from the Antera 3D wrinkles mode. In the false color map, dark red indicates the deepest features and white corresponds to the top of the skin surface.