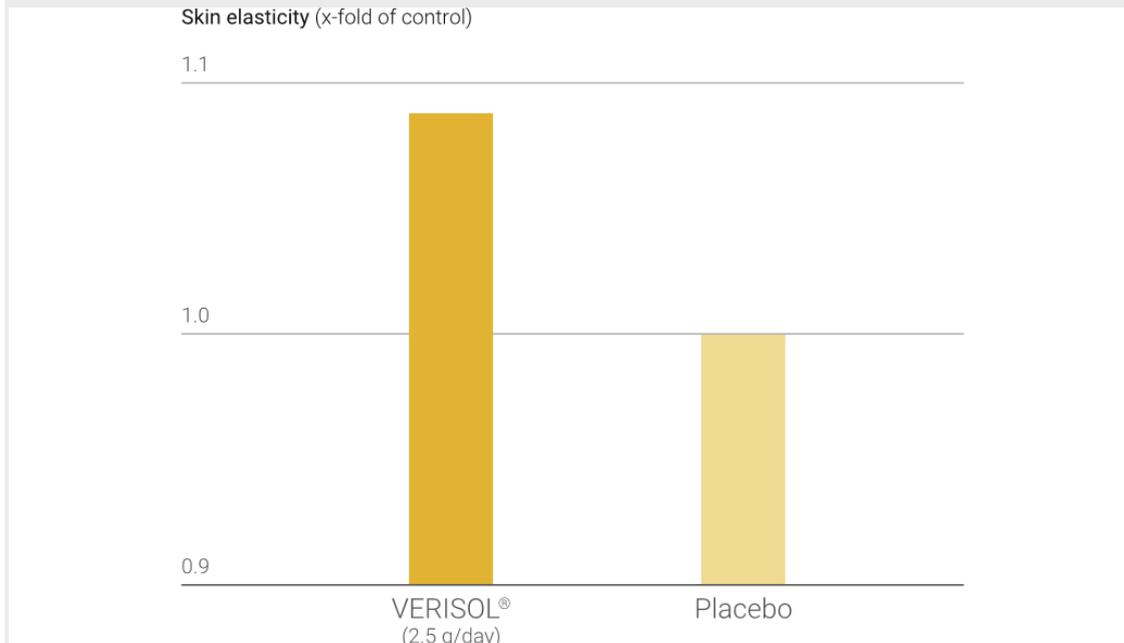


## Higher skin elasticity<sup>1</sup>

The first study with 69 women aged between 35 and 55 years revealed that VERISOL® leads to significantly higher skin elasticity – up to 15 % – compared to placebo treatment. This effect could be measured after just 4 weeks of treatment and persisted after 8 weeks of oral VERISOL® administration. Another 4 weeks after the last intake of the product, VERISOL® application still showed higher skin elasticity levels than in the placebo treated group.

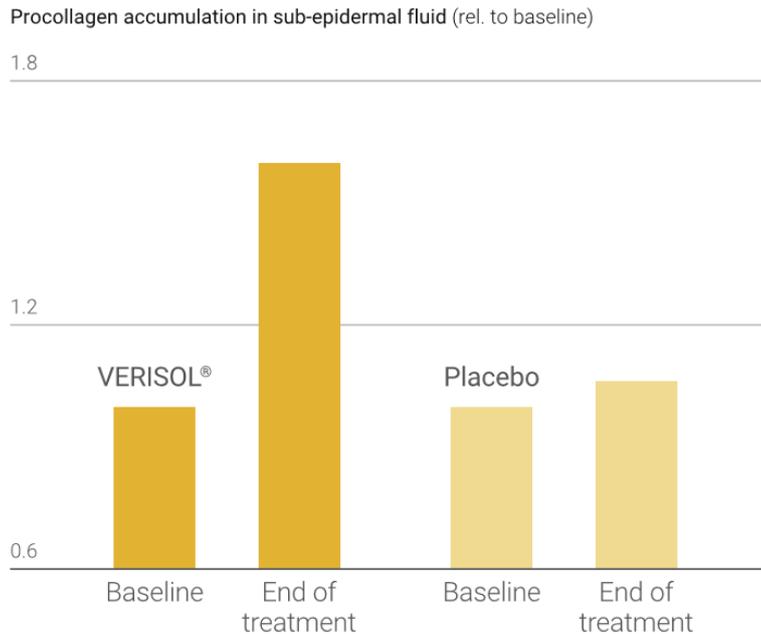


*Skin elasticity increased significantly after oral VERISOL® treatment in comparison to placebo administration.*

<sup>1</sup> *Oral Supplementation of Specific Collagen Peptides Has Beneficial Effects on Human Skin Physiology: A Double-Blind, Placebo-Controlled Study*  
Proksch E., Segger D., Degwert J., Schunck M., Zague V., Oesser S. *Skin Pharmacol Physiology*, August 2013

## Reduction of wrinkles<sup>2</sup>

The second study with more than 100 women aged between 45 and 65 years shows that the oral administration of VERISOL® (2.5 g/day) significantly reduces wrinkles after 4 weeks and leads to a significantly higher skin procollagen concentration.



**VERISOL® significantly reduces wrinkles: The collagen in the skin increases by 60%.**

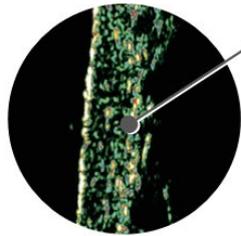
*<sup>2</sup>Oral Intake of Specific Bioactive Collagen Peptides Reduces Skin Wrinkles and Increases Dermal Matrix Synthesis*

*Proksch E., Schunck M., Zague V., Segger D., Degwert J., Oesser S. Skin Pharmacol Physiology, December 2013*

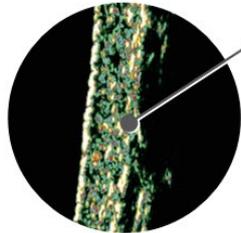
### **Improved skin surface structure and decrease of cellulite**

About 85 % of the global female adult population is affected by cellulite (the orange peel appearance of skin). Cellulite is a beauty aspect, not a disease, but many women suffer from this beauty flaw. Cellulite is mainly caused by dermal matrix disturbances, in combination with excess of subcutaneous fat, bulging into the dermis as well as excess of intersistal fluid.

VERISOL® supplementation has beneficial effects on the dermal extracellular matrix of the skin and can help to decrease cellulite. Contrary to current cellulite supplements that mainly address the aspects of excessive fat or microcirculation/drainage, VERISOL® directly stimulates the extracellular matrix formation in skin.



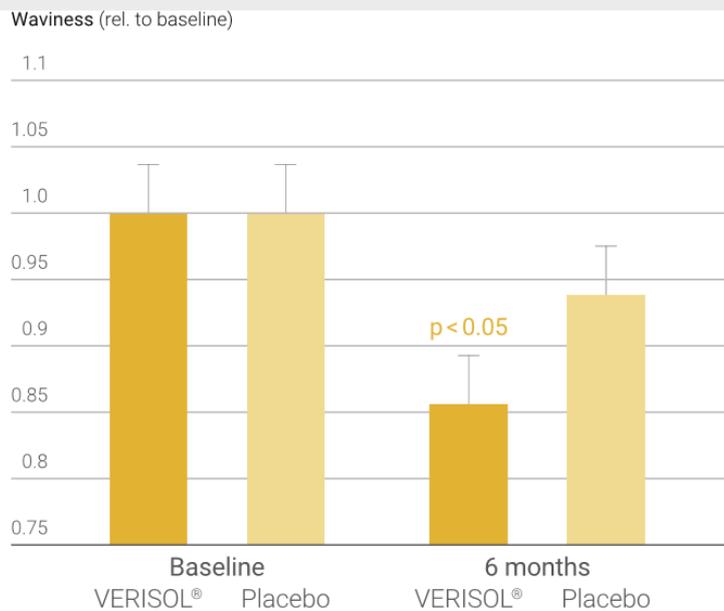
PLACEBO  
(6 MONTHS)



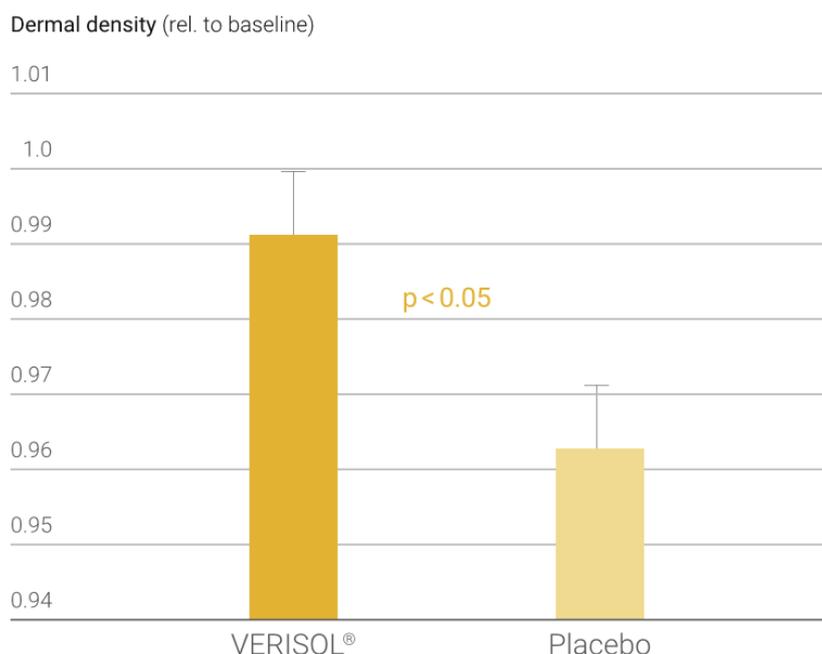
VERISOL®  
Beauty from Within  
(6 MONTHS)

Colors represents the intensity strength of the acoustic response from the skin, thus skin density – mainly collagen. Dark/green color indicates low intensity, yellow/bright color indicates high intensity.

### Density of dermis (ultrasound measurement)



**Significant decrease of waviness**



*Significant higher dermal density after 6 month*

### **Significant decrease of cellulite score<sup>3</sup>**

A double blind, randomized, placebo controlled study with 105 women aged between 25 and 50 years shows that the daily oral intake of 2.5 g VERISOL® significantly decreases the cellulite score. The effect was measured after 3 and 6 months supplementation. VERISOL® has a beneficial effect on skin extracellular matrix and restores the normal structure of the dermis and subcutaneous tissue. VERISOL® supplementation also reduced the waviness of the skin, with first results visible after 3 months, but more pronounced after 6 months. With a daily dose of 2.5 g VERISOL® the appearance of cellulite women with a BMI < 25 was significantly reduced.

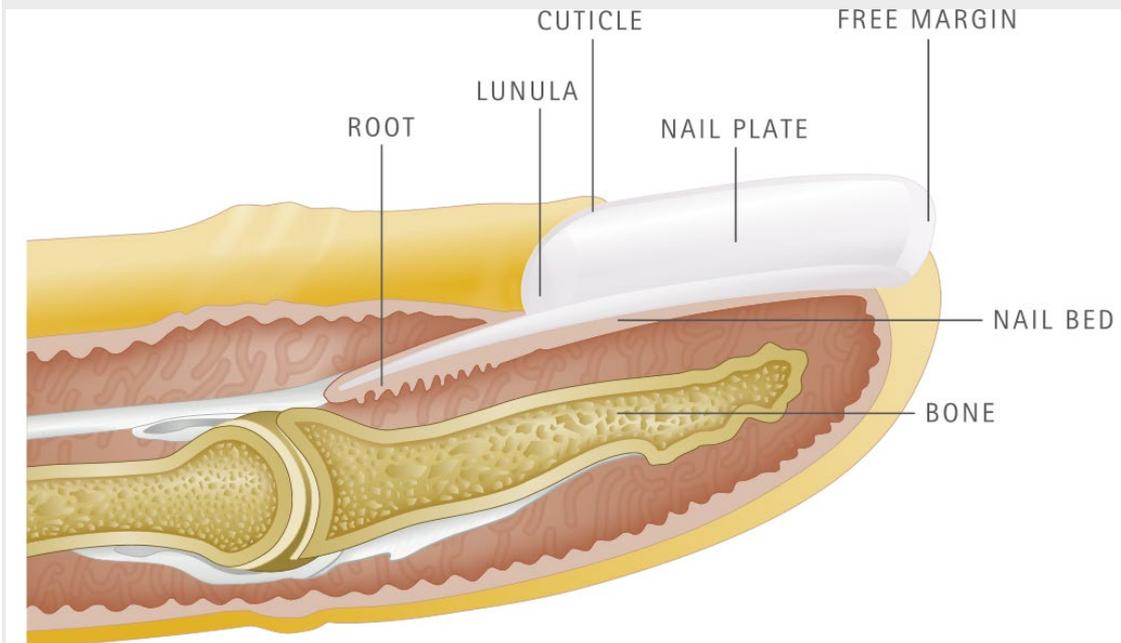
As part of the study, changes in the dermal density were investigated. The two ultrasound scans show side by side the skin of a participant in the placebo group compared to the skin of a participant from the VERISOL® group. The increase in elastin and collagen is clearly visible.

<sup>3</sup> *JOURNAL OF MEDICINAL FOOD, J Med Food 00 (0) 2015, 1–9, DOI: 10.1089/jmf.2015.0022, Dietary Supplementation with Specific Collagen Peptides Has a Body Mass Index-Dependent Beneficial Effect on Cellulite Morphology Michael Schunck, 1 Vivian Zague, 2 Steffen Oesser, 1 Ehrhardt Proksch, 3*

### **Promoting growth and health of fingernails<sup>4</sup>**

For many women, well-groomed fingernails are an inseparable part of an attractive appearance. But many women suffer from cracked or chipped nails as

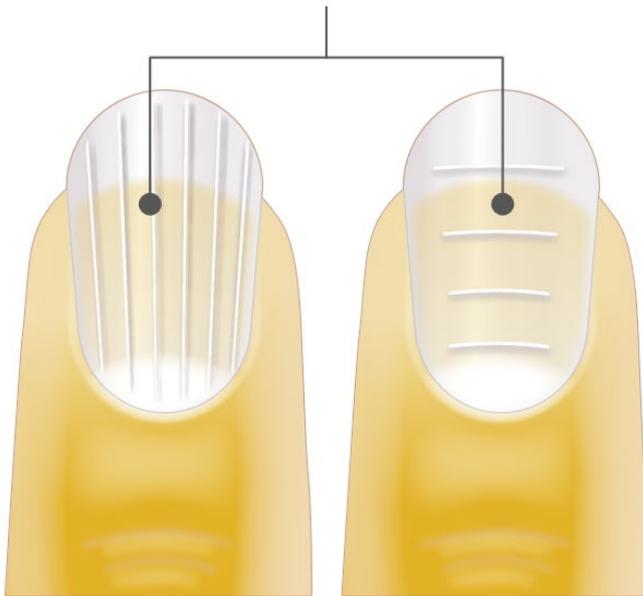
well as nail peeling and nail roughness. The Bioactive Collagen Peptides® VERISOL® can help to improve growth and health of fingernails.



*The Bioactive Collagen Peptides of VERISOL® improve growth and health of fingernails.*

The different positive effects of VERISOL® are shown in a recent study. The study shows a decrease of cracked and/or chipped nails after 2 months of treatment, reaching a decrease of 42 % after 6 months. Compared to the control group, the nail growth speed is increasing. VERISOL® led to a statistically significant improvement in nail growth after 3 months of treatment. At the same time, there's a notable improvement in nail peeling and a clearly decreased nail edge irregularity. 80 % of the patients were completely satisfied and satisfied with VERISOL® treatment. 75 % of the women perceive their nails as longer, 71 % said their nails grew faster and became longer.

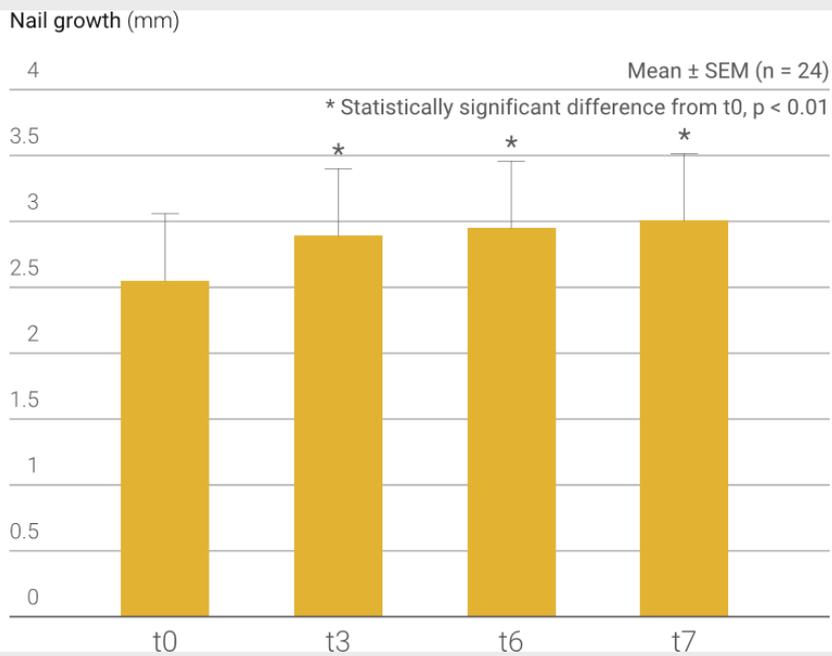
## NAIL ROUGHNESS



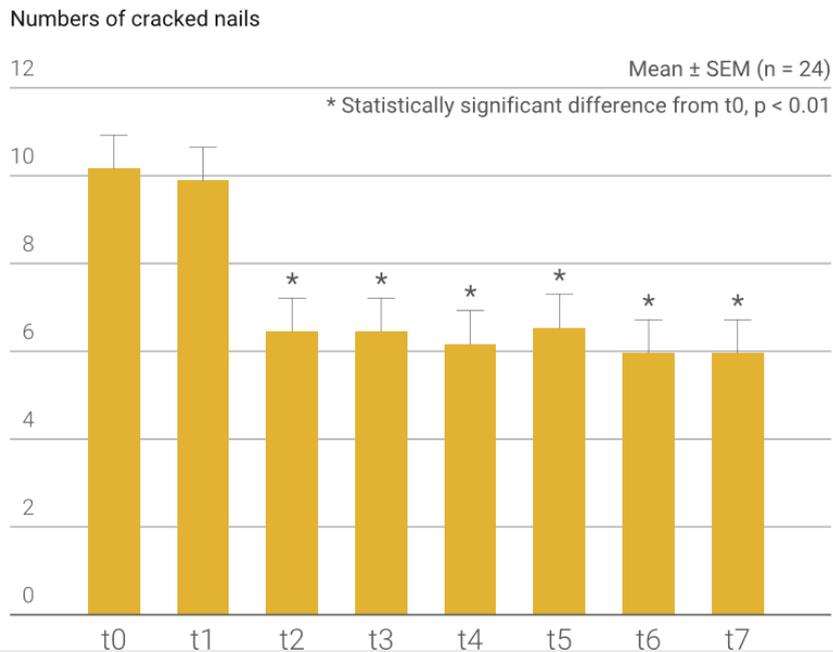
## NAIL PEELING



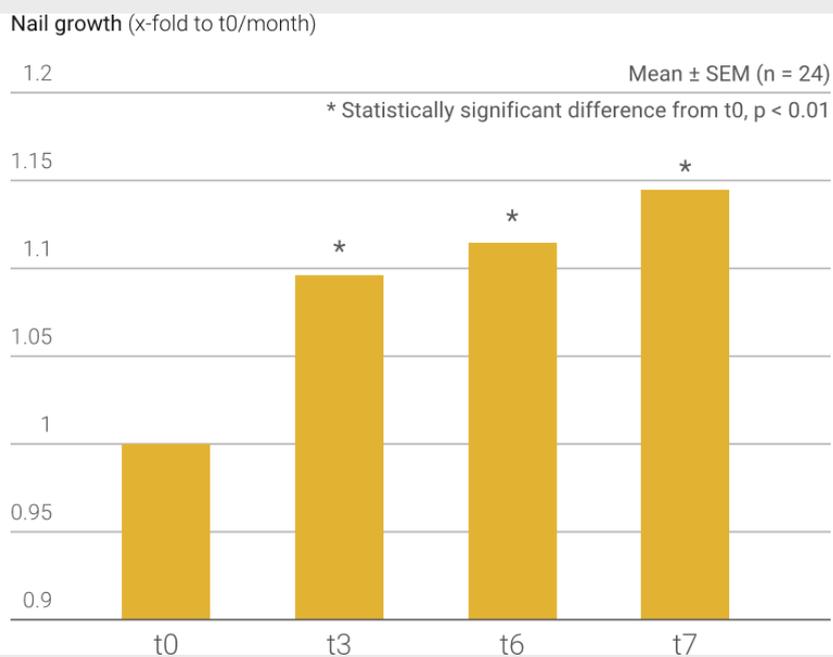
### *Nail damages*



### *Nail growth speed (mm/month)*



### Frequency of cracked nails / nail resistance



### Nail growth speed (x-fold of control)

<sup>4</sup>Hexsel D, Zague V, Schunck M, Siega C, Camozzato FO, Oesser S. Oral supplementation with specific bioactive collagen peptides improves nail growth and reduces symptoms of brittle nails. *J Cosmet Dermatol.* 2017;00:1–7. <https://doi.org/10.1111/jocd.12393>