

Be Filler[®]

Beauty
Drink

“Studi a Supporto: Studio 1”

EFFICACIA DEI PEPTIDI DA COLLAGENE SUL MIGLIORAMENTO DELLA FISIOLOGIA DELLA PELLE UMANA

Dipartimento di Dermatologia Università di Kiel (Germania) – CRI (Collagen Research Institute)
Studio pubblicato sulla Rivista: Skin Pharmacology and Physiology

SOGGETTI DELLO STUDIO: 3 gruppi di 23 donne in età compresa fra 35 e 55 anni

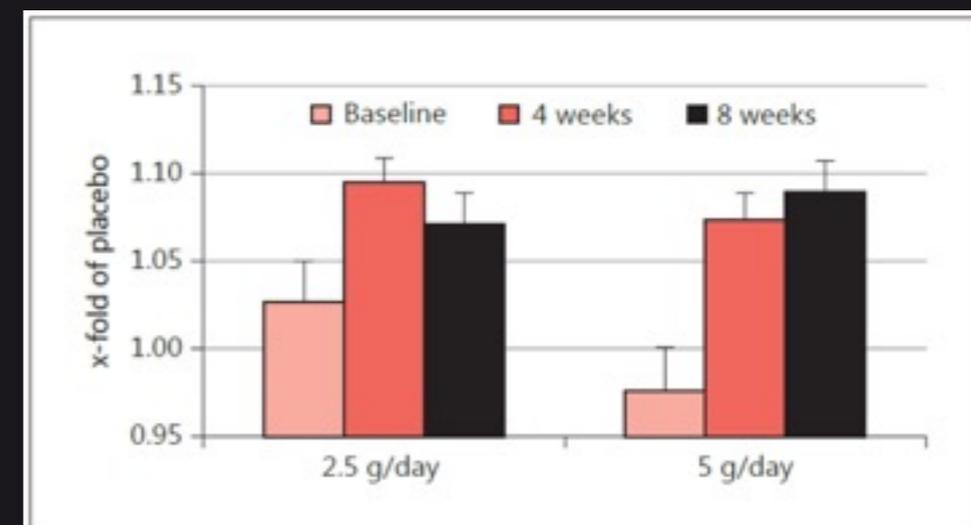
Trattamenti:

- 2,5g (primo gruppo)
- 5,0g (secondo gruppo)
- Nulla (gruppo placebo)

1 volta al giorno per 8 settimane

RISULTATI:

- **Dopo 4 settimane:**
 - Miglioramento significativo dell'elasticità della pelle nelle donne più anziane
 - Influenza positiva nell'aumento di idratazione della pelle grazie ai Peptidi da Collagene
- **Dopo 8 settimane:**
 - Miglioramento significativo rispetto al gruppo placebo



“Studi a Supporto: Studio 2”

L'ASSUNZIONE DI 2,5G DI PEPTIDI DA COLLAGENE RIDUCE LE RUGHE ED AUMENTA LA SINTESI DI COLLAGENE DERMICO

Dipartimento di Dermatologia Università di Kiel (Germania)
Studio pubblicato sulla Rivista: Skin Pharmacology and Physiology

SOGGETTI DELLO STUDIO:

2 gruppi di 57 donne in età compresa fra 45 e 65 anni

- Primo gruppo: 2,5 g 1 volta al giorno per 8 settimane
- Secondo gruppo (placebo)

ANALISI:

Misurazione delle rughe: - a 4 settimane
- a 8 settimane

Sottogruppo per analisi, dall'inizio fino all'ottava settimana di

- pro-collagene di tipo I
- elastina
- fibrillina

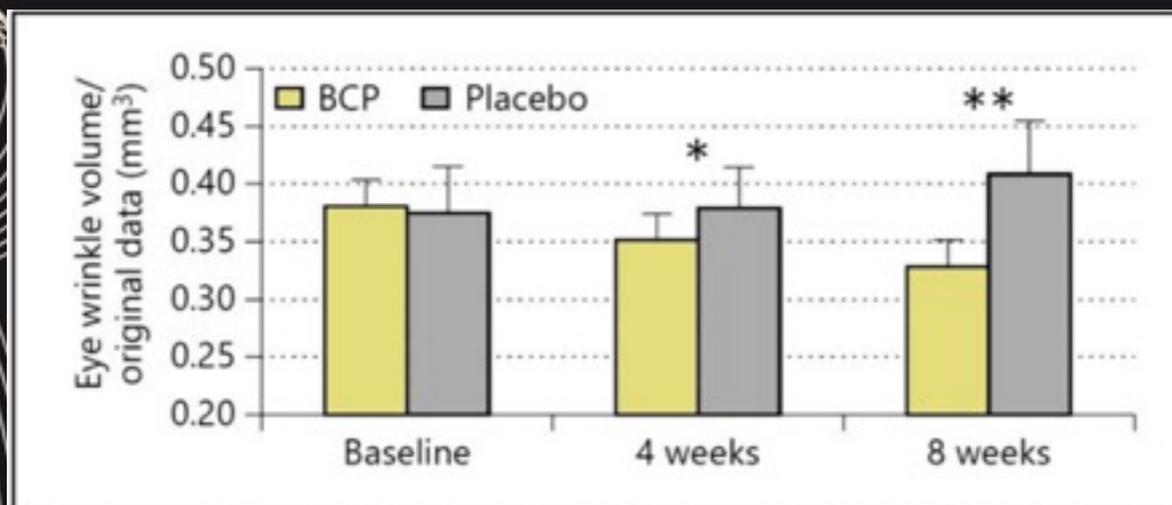
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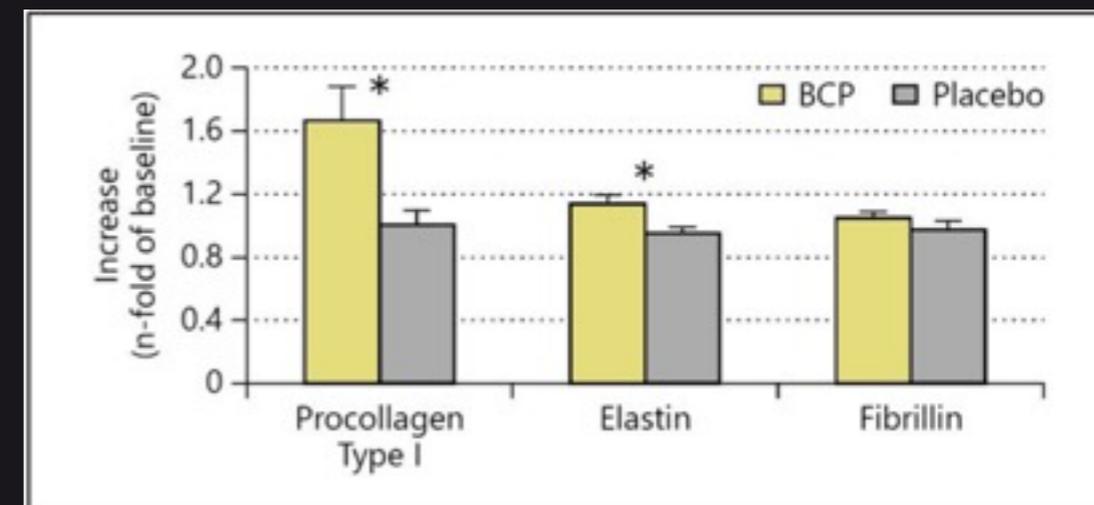
RISULTATI:

- dopo 4 settimane: riduzione del volume delle rughe oculari del 7,2%
- dopo 8 settimane: riduzione del volume delle rughe del 49,9%
- contenuto di Pro-collagene aumentato del 65%

Riduzione del volume delle rughe oculari



Incremento del contenuto di Pro-collagene



“Studi a Supporto: Studio 2”

L'ASSUNZIONE DI 2,5G DI PEPTIDI DA COLLAGENE RIDUCE LE RUGHE ED AUMENTA LA SINTESI DI COLLAGENE DERMICO

Caso 1



RISULTATI:

- dopo 4 settimane: riduzione del volume delle rughe oculari del 7,2%
- dopo 8 settimane: riduzione del volume delle rughe del 49,9%
- contenuto di Pro-collagene aumentato del 65%

Caso 2



GELITA Announces Study Results Proving Efficacy of VERISOL[®] Collagen Peptides on the Improvement of Human Skin Physiology

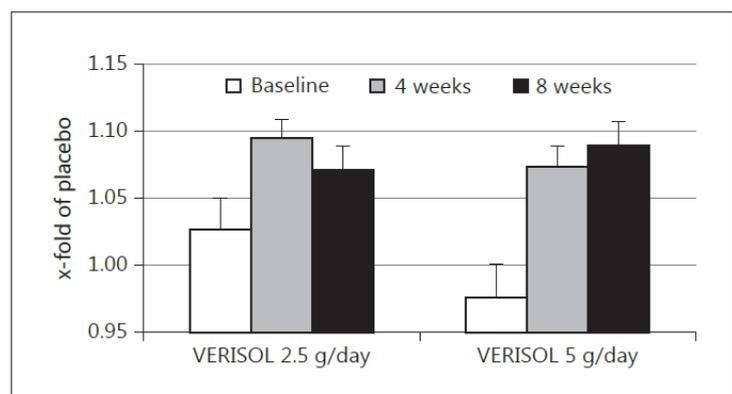
VERISOL[®] significantly improves skin elasticity.

VERISOL[®] Bioactive Collagen Peptides[®] are significantly improving skin conditions such as elasticity and wrinkles. Hans-Ulrich Frech, Global Vice President Business Unit Collagen Peptides is pleased to announce the publication of the first of two new clinical studies proving the effect of VERISOL[®] on skin elasticity. "It is rare to have effects on skin improvement substantiated by this level of scientific research. This is another important milestone to support our customers in the development and marketing of natural products such as nutricosmetics which help to improve quality of life" he said. "And it perfectly fits to the GELITA philosophy to substantiate our product claims on solid science".

This research was designed to study the effectiveness of these specific VERISOL[®] collagen peptides on skin biophysical parameters related to cutaneous aging. In a double-blind, placebo-controlled trial, 69 women aged 35-55 years were randomized to receive 2.5 g or 5.0 g of VERISOL[®] or placebo once daily for 8 weeks, with 23 subjects included in each treatment group.

Skin elasticity, skin moisture, trans epidermal water loss and skin roughness were objectively measured before ingesting the first product (t0) and after 4 (t1) and once more at 8 weeks (t2) of regular intake. Skin elasticity, which was of primary interest, was also assessed at follow-up 4 weeks after the last intake of VERISOL[®] (t3, 4-week regression phase).

At the conclusion of the study, skin elasticity in both VERISOL[®] dosage groups showed a statistically significant improvement in comparison to the placebo group. After 4 weeks of follow-up treatment, a statistically significant higher skin elasticity level was determined in elderly women.



With regard to skin moisture and skin evaporation, a positive influence of the collagen peptide treatment could be observed in a subgroup analysis.

The study was conducted by the Department of Dermatology, University of Kiel, the CRI (Collagen Research Institute), Kiel, the Skin Investigation and Technology,

Hamburg, Germany and the Department of Cell and Developmental Biology, Institute of Biomedical Sciences, University of São Paulo, Brazil. Published in Skin Pharmacology and Physiology, August 14, 2013

Recently, a second clinical study evaluating the reduction of wrinkles with VERISOL[®] was completed. This study also shows convincing results and has been accepted for publication.

Beside VERISOL[®] there are a number of other specialty products in the Bioactive Collagen Peptides[®] line, optimized to support our health and wellbeing.

FORTIGEL[®] is scientifically proven to regenerate joint cartilage and ease joint discomfort.

FORTIBONE[®] stimulates the formation of bone matrix to counteract the reduction of bone stability, especially in post-menopausal women.

PEPTIPLUS[®] helps strengthen connective tissue, reduce the muscle loss and promotes body toning.

And for pets PETAGILE[®] stimulates joint cartilage metabolism for increased mobility and performance.

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GELITA Announces New Study Results: Daily oral intake of 2.5g VERISOL® reduces wrinkles and increases dermal collagen synthesis

VERISOL® significantly reduces wrinkles.

Oral ingestion of VERISOL® collagen peptides lead to a pronounced, statistically significant reduction of eye wrinkle volume. This is the result of a recently published Study by the University of Kiel Germany focusing on the effect of these Bioactive Collagen Peptides® (BCP) on human skin conditions. "There is a direct impact on dermal extracellular matrix turnover stated Dr. Stephan Hausmanns, Vice President Business Unit Health & Nutrition. "This is clearly demonstrated by a significant increase in collagen and elastin synthesis, with the result of statistically significant wrinkle reduction after only 4, and even more pronounced after 8 weeks of treatment. In simple words: The participants looked considerably younger after the treatment".

This study completes the results from a previous VERISOL® study proving the effect of VERISOL® on skin elasticity. Together the results of the two studies provide a sound scientific foundation for the development of innovative nutricosmetics, which are used by a growing consumer group to complement topical applications and follow a more holistic approach to skin care

The study demonstrated the effectiveness of VERISOL® on dermal matrix synthesis and wrinkle reduction. In a double-blind, placebo-controlled trial, 114 women aged 45-65 years were randomized to receive 2.5 g of VERISOL® or placebo once daily for 8 weeks, with 57 subjects included in each group.

Skin wrinkles were objectively measured in all subjects, before starting the treatment, after 4 and 8 weeks as well as 4 weeks after the last intake (4-week regression phase). A subgroup was established for suction blister biopsies analyzing pro-collagen I, elastin and fibrillin at the beginning of the treatment and after 8 weeks of intake.



Visible reduction of eye wrinkle volume after 8 weeks of BCP intake. Exemplary pictures of 2 participants of the active agent group before (left) and after (right) treatment.

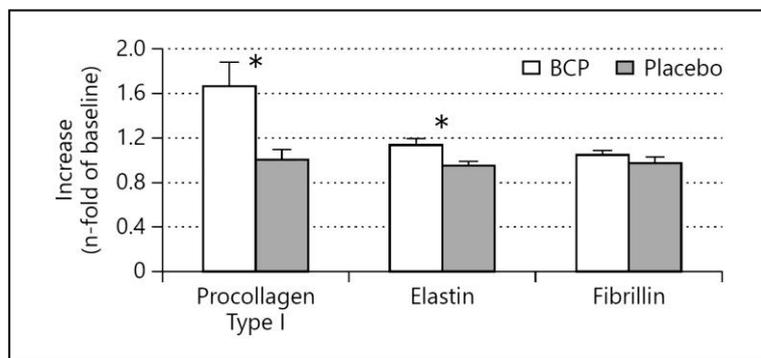
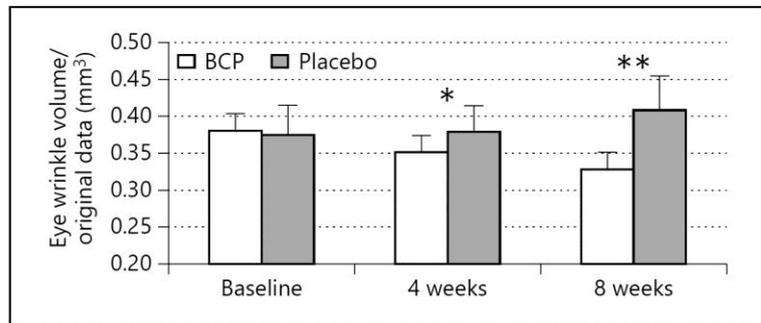
After 4 weeks of treatment the BCP group showed a statistically significantly reduced eye wrinkle volume of more than 7.2% on average. This positive effect was more

pronounced after 8 weeks of intake (20.1%). In particular a maximum reduction in eye wrinkle volume of 49.9% was achieved.

Four weeks after the last product intake (4-week regression phase), the BCP treatment group still showed a statistically significant decrease in eye wrinkle volume of 11.5%.

Pro-collagen type I content was increased by 65%, elastin by 18% and fibrillin by 6% after 8 weeks of BCP treatment.

The study was conducted by the Department of Dermatology, University of Kiel, December 24, 2013 (publication: <http://www.karger.ch/Article/Abstract/355523>).



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