

# TENSAGE® AT-A-GLANCE

biopelle®

## biopelle® Growth Factor – Tensage®

Tensage features SCA Biorepair Technology, a special secretion from the *Cryptomphalus aspersa* snail, which contains growth factors combined with glycoproteins and antioxidants. Tensage is clinically proven to help improve the appearance of fine lines and wrinkles, increase elasticity and enhance texture, tone and luminosity. Tensage has a complete line of products to help repair skin and reverse the visible signs of photo-damage.

GROWTH FACTOR

### TENSAGE SERUMS

INTENSIVE BOOST



#### INTENSIVE SERUM 50 - SCA 50 BIOREPAIR INDEX

For fast, dramatic improvement in the visible appearance of moderate-to-severe skin damage caused by UV light as well as environmental and smoke toxins. Additional ingredients include: antioxidants, glycoproteins, humectants, peptides and brightening agents.

POST-PROCEDURE



#### INTENSIVE SERUM 40 - SCA 40 BIOREPAIR INDEX

A high level of growth factor that helps shorten healing time, optimize procedural outcomes and reduce negative procedural side effects - with visible improvement in as little as 24 hours after application. Tensage 40 ampoules are used extensively to dramatically reduce downtime from procedures including micro-needling, lasers and chemical peels.

DAILY



#### SERUM - SCA 15 BIOREPAIR INDEX

Perfect for all skin types, this elegant, oil-free daily serum can help improve the visible signs of aging and help maintain results. Additional ingredients include niacinamide, hyaluronic acid, antioxidants, brightening agents and humectants.

### TENSAGE EYE CARE



#### RADIANCE EYE CREAM - SCA 10 BIOREPAIR INDEX

This lightly tinted cream can help even skin tone while firming and tightening the delicate eye area. Includes antioxidants for daily protection, peptides to help improve the appearance of fine lines and wrinkles and brightening agents to help illuminate tired eyes.



#### EYE CONTOUR CREAM - SCA 8 BIOREPAIR INDEX

This lightly textured eye cream can help improve elasticity by firming and tightening the delicate area surrounding the eyes, while hydrating to help smooth the look of fine lines and wrinkles.

### TENSAGE MOISTURIZERS



#### SOOTHING CREAM MOISTURIZER - SCA 3 BIOREPAIR INDEX

This non-comedogenic cream is ideal for normal-to-oily skin exhibiting the early signs of aging. Skin irritated by acne medications or following dermatologic procedures can also benefit from its soothing relief.



#### ADVANCED CREAM MOISTURIZER - SCA 6 BIOREPAIR INDEX

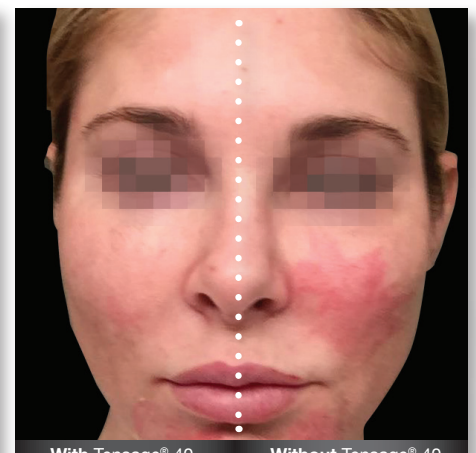
This highly emollient formulation is ideal for normal-to-dry or mature skin exhibiting advanced signs of aging and skin damage.



**Regimen:** Patient used a daily regimen of Tensage Eye Contour Cream (AM) and Tensage Intensive Serum 40 (PM) for 12 weeks.

**Source:** In a two-site, double-blind, split-face placebo-controlled study performed by Joel L. Cohen, M.D., Denver, CO and Mitchel Goldman M.D., San Diego, CA.

Photos have not been retouched.



**With Tensage® 40**      **Without Tensage® 40**

**Regimen:** Subject received a TCA peel and then applied Tensage® Intensive Serum 40 to one side of her face.

**Source:** Photo courtesy of Dr. Monica Kiripolsky.

Photos have not been retouched.

## CLINICALLY PROVEN

**Tensage® is clinically proven to help improve the appearance of fine lines and wrinkles, increase elasticity and enhance texture, tone and luminosity.**

**STUDY 1** - Fabi SG, Cohen JL, Peterson JD, Kiripolsky MG, Goldman MP. The Effects of Filtrate of the Secretion of the *Cryptomphalus aspersa* on Photoaged Skin, JDD 2013, 12:4, 453 - 457.

- Daily application of 8% SCA emulsion and 40% SCA serum significantly improved periorcular rhytides after 12 weeks, when compared with inactive placebo.
- Furthermore, both periorcular and perioral texture improved to a greater degree in the active side when compared with the placebo side at 8, 12, and 14 weeks (2 weeks after being off the product). In addition to being efficacious, SCA proved to be well tolerated, with no adverse reactions reported throughout the study time frame.

**STUDY 2** - Iglesias-de la Cruz MC, Sanz-Rodriguez F, Zammarron A, Reyes E, Carrasco E, Gonzalez S, Juarranz A. A secretion of the mollusk *Cryptomphalus aspersa* promotes proliferation, migration and survival of keratinocytes and dermal fibroblasts *in vitro*. International Jour of Cos Science, 2012.

- Results show that SCA is able to increase the migration rate of human fibroblasts as well as keratinocytes at 24 h of study, confirming its positive role in the first steps of the wound-healing process.
- Results clearly show that SCA improves the protein production of both molecules in keratinocytes and fibroblasts, thus stimulating the attachment of these cell types to the substrate.
- Taken together, these findings suggest an important role for SCA in some of the most important events during wound healing that are weakened with age, such as cell-cell and cell-substrate adhesion.

**STUDY 3** - Tribó MJ, Parrado-Romero C, Rais B, Reyes E, Vitale-Villarejo MA, Gonzalez S. Clinical and Histological Efficacy of a Secretion of the Mollusk *Cryptomphalus aspersa* in the Treatment of Cutaneous Photoaging. Cosmetic Dermatology 2009 May, 22:5, 247 - 252.

- Gradual and significant decrease in fine and deep wrinkles during a 90 day treatment.
- Deep wrinkles showed 46% reduction, irregular pigmentation showed 40% reduction, sallow appearance of skin showed 78% reduction, dryness and cutaneous roughness showed 100% reduction.
- Twice daily application of Tensage will yield continued improvement of all parameters in the study.

### ADDITIONAL DATA SUPPORTING THE TOPICAL USE OF THE SECRETION OF THE CRYPTOMPHALUS ASPERSA

- Brieve A, Phillips N, Tejedor, Guerrero A, Pivel JP, Alonso-Lebrero JL, Gonzales S. Molecular Basis for the Regenerative Properties of a Secretion of the Mollusk *Cryptomphalus aspersa*. Skin Pharmacology and Physiology 2008; 21:15-22.
- Spyrou GE, Naylor IL. The effect of basic fibroblast growth factor on scarring. Br J Plast Surg 2002; 55 (4): 275-282.
- Brieve A, Guerrero A, Pivel JP. Mecanismos bioquímicos y farmacológicos relacionados con la actividad de la secreción de *Cryptomphalus Aspersa* (SCA) (Endocare®) en radiodermatitis. Dermatol Cosmet 2001; 11(2): 71-75.
- Tribó MJ, Serra Baldrich E, Asín M, Camarasa JG. Evaluación de la eficacia antiarrugas y reafirmante de un producto a base de *Cryptomphalus aspersa* en el tratamiento del fotoenvejecimiento cutáneo. Dermatol Cosmet 1999; 9 (1): 18-24
- Abad Iglesias R. Protocolo de radiodermatitis experimentales mediante una hiperdosis única de radiación Dermatol Cosmet. 1999; 9 (2): 33-35.
- Abad Iglesias R. Tratamiento de las radiodermatitis experimentales (hiperdosis única de radiación mediante un complejo mucopolisacárido regenerativo) Dermatol Cosmet. 1999; 9 (2): 54-57.
- Ledo E, de las Heras ME, Ledo A. Treatment of acute radiodermatitis with *Cryptomphalus Aspersa* Secretion. Radioprotección; 1999; 23 (VII).
- Brieve A, Guerrero A, Pivel JP. Un adaptógeno natural para la piel. Dermatología Cosmética Monográfico, 1998; p.1-7.
- Abad Iglesias R. Resumen de la investigación y descubrimiento de un principio activo (RC-16) para la prevención y tratamiento tópico de las quemaduras por radiaciones ionizantes. Tomos I y II. (unpublished).