



BSK76 TRANEX PRO SERUM



WHAT IS IT?

Depigmentation professional serum treatment that works with BSK14 TRANEXPRO. Formulated with biotechnological depigmenting active ingredients and reinforced with Tranexamic Acid, to act on the inhibition of tyrosinase activity, helping to eliminate the stain and prevent its possible subsequent appearance.

PRESENTATION

- Serum 30ml
- Professional Format: 30 ml

USE

- Facial
- For aged skin

INGREDIENTS

Tranexamic
Liposomal Vitamin C
Matriquines

ACTION

- Depigmenting
- Unify skin tone
- Anti-age
- Antioxidant



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STUDIES

TRANEXAMIC

There are currently different studies that support the efficacy of topical use of 5% tranexamic acid to reduce hyperpigmentation due to long sun exposure, hormonal changes, what is commonly known as melasma or ect.

Studies have been done comparing the efficacy of this active against hydroquinone, a product that cannot be used in cosmetic products.

Art. 1 Tranexamic Acid for Melasma: Evaluating the Various Formulations.

Wang JV, Jhawar N, Saedi N. – *J Clin Aesthet Dermatol.* 2019;12(8): E73–E74.

Art. 2 Topical tranexamic acid as a promising treatment for melasma.

Ebrahimi B, Naeini FF – *J Res Med Sci.* 2014;19(8): 753–757.

Art. 3 A Randomized Controlled Study Comparing the Efficacy of Topical 5% Tranexamic Acid Solution versus 3% Hydroquinone Cream in Melasma.

Janney MS, Subramaniyan R, Dabas R, Lal S, Das NM, Godara SK.

J Cutan Aesthet Surg. 2019;12(1):63–67. doi:10.4103/JCAS.JCAS_40_18

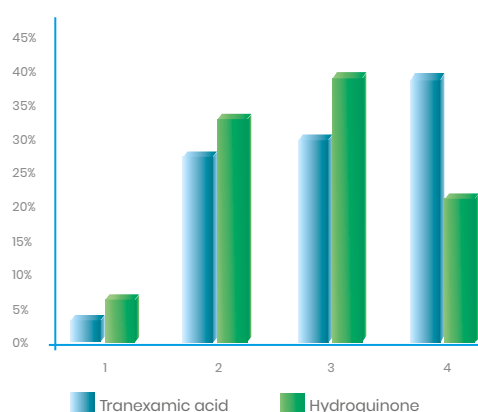


Gráfico 3 - Patient self-assessment of improvement at week 12. Patients were asked to grade their overall improvement as 1 = >75% lightening (excellent), 2 = 51-75% (good), 3 = 26-50% (fair), and 4 = 0-25% lightening (poor)

Font: Journal of Research in Medical Sciences

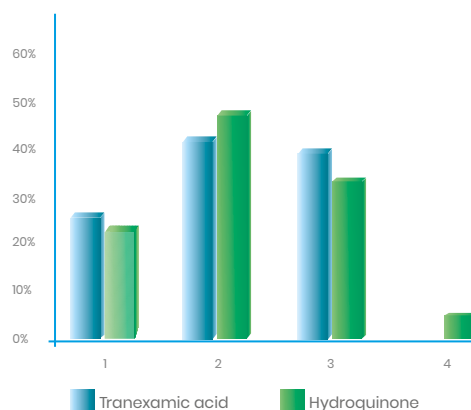


Gráfico 2 - Physician assessment of improvement at week 12 based on the patients photos. Physician were asked to grade their overall improvement as 1 = >75% lightening (excellent), 2 = 51-75% (good), 3 = 26-50% (fair), and 4 = 0-25% lightening (poor)

Font: Journal of Research in Medical Sciences

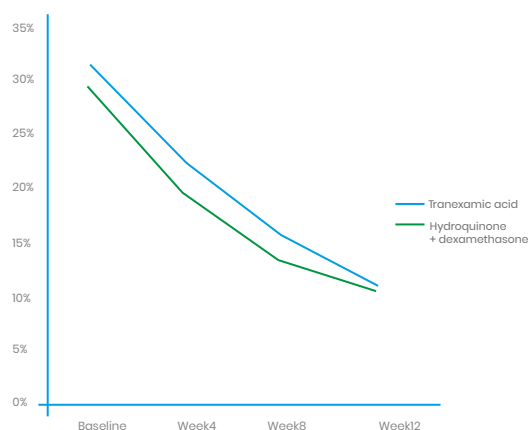


Gráfico 1 - Changes of Melasma Area and Severity Index score of Tranexamic acid (TA) and hydroquinone (HQ) groups at baseline, and after 4, 8, and 12 weeks

Font: Journal of Research in Medical Sciences

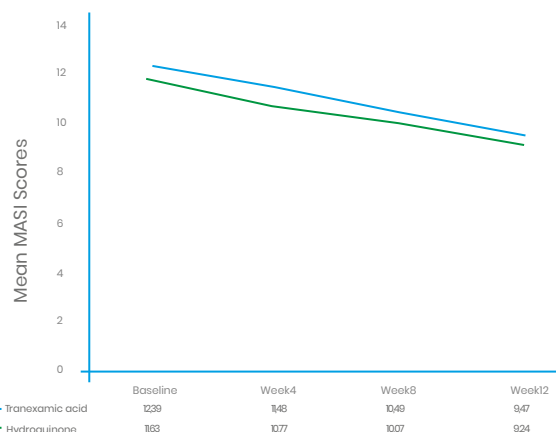


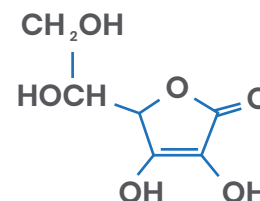
Gráfico 4 - Melasma area severity index (MASI) scores within and between tranexamic acid (TA) and hydroquinone (HQ) groups at baseline, and after 4, 8, and 12 weeks

Font: Journal of Cutaneous and Aesthetic Surgery

STUDIES

VITAMINS

Vitamins generally act by activating our vital systems, protecting cell membranes, reinforcing the resistance of the skin, acting on intercellular exchanges and delaying cellular aging.



VITAMIN C

Vitamin C is essential in the synthesis of collagen: their absence causes the formation of defective collagen which is reflected in a brittle and inelastic skin. In cosmetics products, vitamin C brings more clarity to the skin and helps eliminate hyperpigmentation, why is included in despigmentating protocols.

- **Anti-radical** thanks to its antioxidant action, neutralizes the harmful effects of free radicals, mainly responsible for skin aging.
- **Pro-moisturizing action** by regenerating Vitamin E from the skin degraded by free radicals, allowing it to fully develop its moisturizing, antioxidant and skin repairing activity.
- **Action on the elasticity of the skin** by delaying the loss of elasticity due to the oxidation of lipids, which in turn favors the deterioration of the elastic fibers of the skin.

STUDIES

MATRIKINES

The term "matrikines" was considered to designate peptides released by the partial proteolysis of extracellular matrix macromolecules, which are capable of regulating cellular activities. They are fragments whose sequence is generally less than or equal to 20 amino acids.

Two Palmitoyl-GHK and Palmitoyl GQPR peptides have been selected which have already been extensively studied and documented in in vitro and in vivo studies and have shown very interesting synergistic properties in a new series of in vitro studies using fibronectin and hyaluronic acid.

ACTION

- **SKIN REPAIR** - Prevention and restructuring
- **PROMOTES THE FIRMNESS AND ELASTICITY OF THE SKIN** - Stimulates the production of collagen
- **ANTI-WRINKLES** - Decreased expression lines

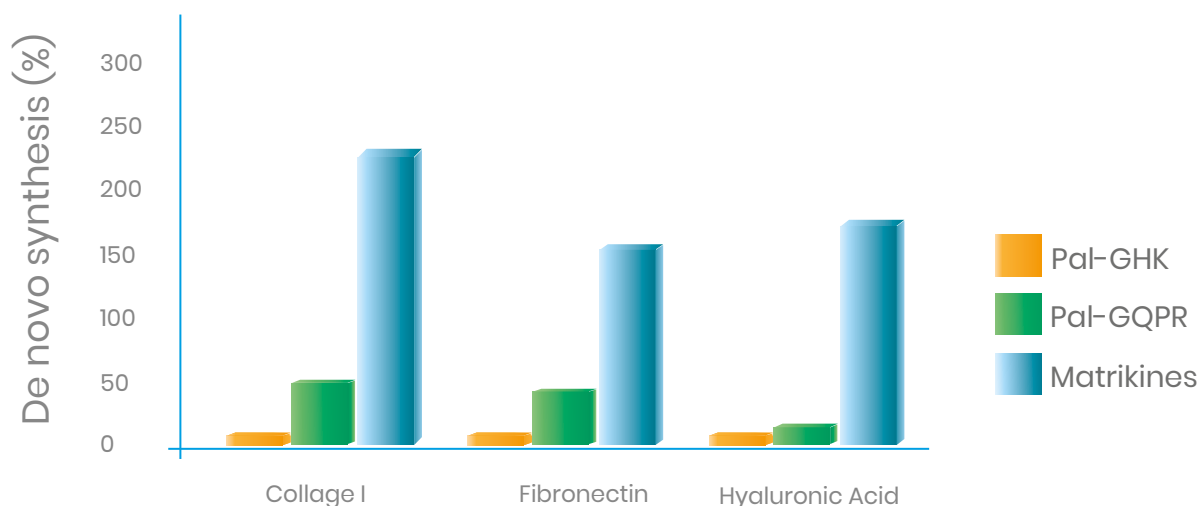
IN VITRO STUDIES

· Study of the new synthesis of the matrix by fibroblasts

COLLAGEN + 258%

FIBRONECTIN + 164%

HYALURONIC ACID.... + 179%



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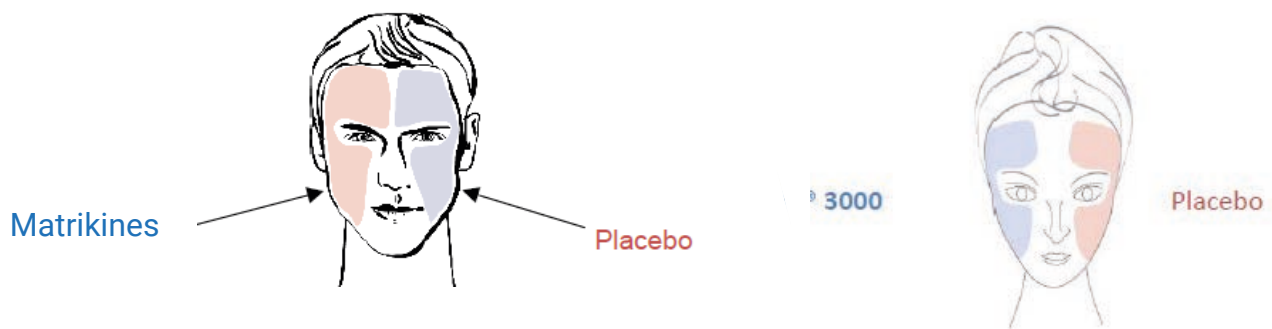


IN VITRO STUDIES

TEST WITH VOLUNTEER WOMEN

Matrikines (3%) is applied to 24 volunteers in the middle of the face, twice a day for two months and we compare with the placebo:

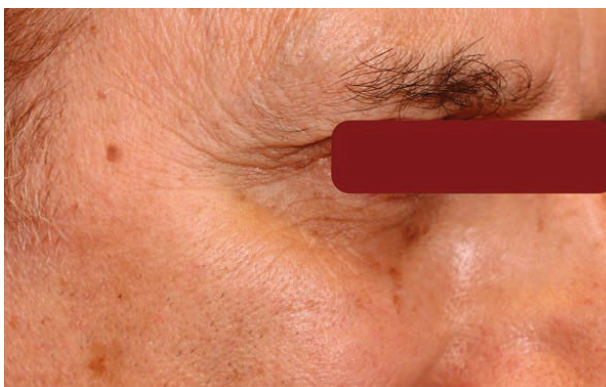
- Reduction of wrinkle (−19.9%) and in Volume (−23.3%)
- Reduction of roughness (−16%)
- Reduction of complexity (−16.2%) (Lifting)
- Decrease in the surface occupied by deep wrinkles ($> 200\mu\text{m}$) (−39.4%),
- Decreased density (−37%)
- Increased skin tone (+15.5%).



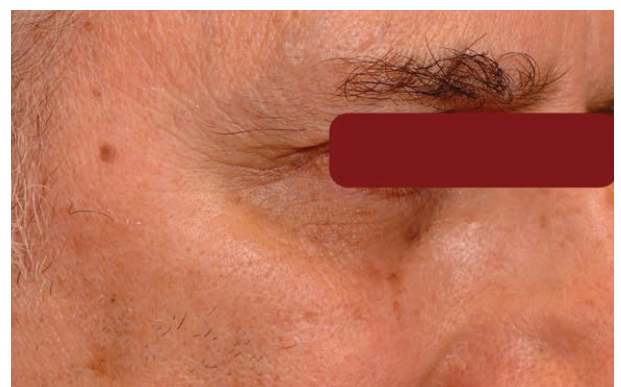
TEST WITH VOLUNTEER MEN

Matrikines (4%) was applied twice a day to 39 volunteers, vs. placebo, for 2 months:

- Reduction in the depth of main wrinkles: 10.2%,
- Reduction in the volume of wrinkles: 17.1%,
- Reduction in the area covered by deep wrinkles ($> 200\mu\text{m}$): 29.4%,
- Decrease in the density of the main grooves: 30.4%,
- Wrinkle decrease 8.4%,



t0



2 months later



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USE

Apply morning and evening to perfectly clean and dry skin, it is recommended to apply the product on the face, neck and décolleté before the BSK77 TRANEX PRO CREAM cream. Ideal to combine with the BSK14 booth treatment.

OUR PRODUCTS

In our laboratory we only use simple, efficient and recyclable containers with a clean and functional design and we focus our efforts and costs on what is truly important to your skin: the quality of the ingredients and the manufacturing processes.