Bionativa

DERMATOLOGY
TRICHOLOGY

PHARCOS

ACTINIC KERATOSIS
HAIR LOSS
ACNE

Bionativa

MADE IN ITALY, INSPIRING GLOBALLY

Originating from Biodue SpA's Own Brands Division, Bionativa continues its legacy of innovation in medical devices, cosmetics and dietary supplements, rooted in Tuscany's research and production excellence.

PHARCOS

AGEX by PHARCOS

Fitopreparatori Italiani®

BIOFTA

RIVER PHARMA

I.P. FARMA

EFFECTIVE AND SAFE PRODUCTS THROUGH SCIENTIFIC RESEARCH

In **Bionativa**, continuous innovation in product development is supported by scientific research in collaboration with leading research institutions. This approach allows us to create state of the art products focused on achieving effective outcomes, utilizing raw materials of the highest quality and meticulous processes.

- *380+ Products*
- *120+ Product brands, active ingredients and technologies*
- *10 Patents registered globally*
- *30+ R&D Projects annually*
- *40+ Scientific studies with 2,000+ participants*

OUR BRANDS

Bionativa unites leading brands in the Health & Beauty sectors under one corporate ethos, focused on the specifics of each area while sharing a common mission: to value professional advice in a constantly evolving market.

PHARCOS · *Dermatology and Cosmetics*
AGEX · *Aesthetic Medicine*
FITOPREPARATORI ITALIANI · *Proctology and Gastroenterology*
BIOFTA · *Ophthalmology*
RIVER PHARMA · *Orthopedics, Neurology*
IP FARMA · *Otorhinolaryngology, Gynecology, Pediatrics, Urology, Pneumology and General Surgery*

PHARCOS
INNOVATION & DERMATOLOGY

A historic brand in Italian dermatology, Pharcos has developed successful products for skin, hair, and nail care. Its remarkable capacity for innovation and high-quality standards have earnt it national recognition.

TRICONICON

Food supplement containing Sulphur Amino-acids and trace elements that promotes keratinization and growth of nails and hair.

FOOD SUPPLEMENT
30 x 400 mg tablets
RRP in Italy:
€ 21.00

2 CLINICAL STUDIES

GLUTEN FREE
NATURALLY LACTOSE FREE
LIPOSOMAL GLUTATHIONE

- **Structural fragility and dystrophy of hair and/or nails**
- **Telogen effluvium**
- **Hair loss determined by nutritional deficiencies**

ACTIVE SUBSTANCES

IRON
Low levels of ferritin are associated with telogen effluvium, especially after giving birth or while experiencing menstrual losses. Moreover, some studies demonstrate that serum ferritin levels are detected in feminine AGA.

L-CYSTINE and L-METHIONINE
Crucial hair components that are involved in the keratinization process.

PANTOTHENIC ACID
Part of B-complex vitamins. B vitamins act an important role in the hair cycle, with an interference on the differentiation of epidermal cells.

COPPER, SELENIUM, ZINC
They are fundamental for the biosynthetic activities and energetic metabolism of the hair follicle. They also help to protect cells against oxidative stress.

UBIDECARENONE and L-GLUTATHIONE
Potent antioxidants that inhibit inflammatory process at follicular level.

DOSAGE AND INSTRUCTIONS FOR USE
It is recommended to take 2 tablets a day.
Do not exceed the recommended dose.

NUTRITIONAL INFORMATION

	(for 2 tablets)	%RNV*dose
Pantothenic acid	9 mg	150%
Copper	1,4 mg	140%
Iron	4,2 mg	30%
Zinc	6 mg	60%
Selenium	60 mcg	109,1%
L-Cystine	300 mg	
L-Methionine	60 mg	
Liposomal glutathione	5 mg	
Ubidecarenone	10 mg	

*%RNV = percentage reference nutritional value (EU Reg. 1169/2011)

Effectively and safely improve hair growth and hair loss in patients with telogen effluvium associated with grade I/II of aga

Effective in the treatment of brittle nails

Oral supplementation in female telogen effluvium: a clinical and instrumental objective evidence of efficacy and tolerability of new oral cosmetic treatment

Michela Starace, Miriam A. Carpanese, Aurora Alessandrini, Francesca Bruni, Bianca M. Piraccini - Italian Journal of Dermatology and Venereology, 2023

FULL STUDY

https://bit.ly/4d6cpLT

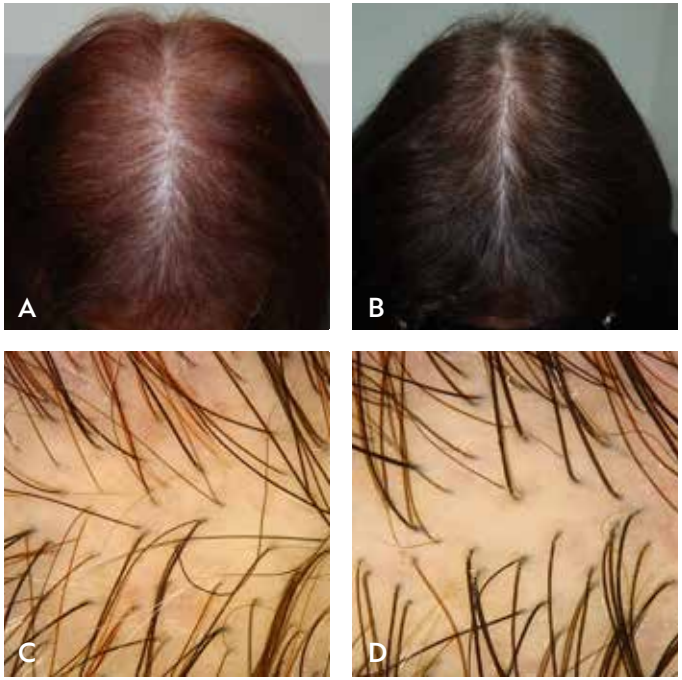


Figure 1. Clinical (A) and trichoscopic (C) picture of a 66-year-old patient affected by AGA and TE at TO and T6 (B, D).

CONCLUSIONS

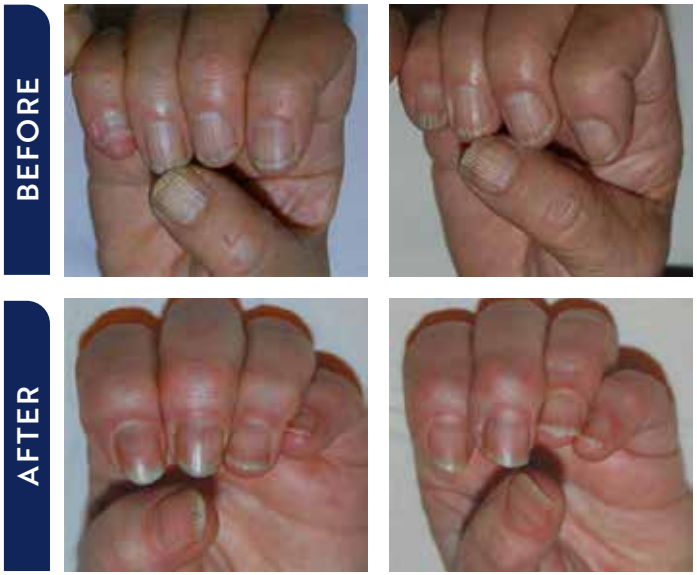
In conclusion, the results of our study demonstrate the capacity of a novel tablet supplement with sulfurate amino acids and trace elements ingredients to effectively and safely improve hair growth and hair loss in patients with telogen effluvium associated with grade I/II of AGA according to the Ludwig scale. The supplement was found to be excellently tolerated from all the patients, safe, and easily incorporated into daily routines.

Evaluation of efficacy of use of Selenium, Zinc and Copper supplement (Triconicon®) in male and female patients with brittle nails

Bianca M. Piraccini, Michela Starace - University of Bologna

FULL STUDY

https://bit.ly/4cHejm6



Clinical photographs showed clinical improvement in all patients

- Improvement of nail plate roughness and onychoschizia in 60% of patients
- Reduction of splitting in 80% of affected patients
- Disappearance of horizontal fractures

CONCLUSIONS:

Oral treatment with copper, selenium and zinc (Triconicon®) has been shown to be effective in the treatment of brittle nails with excellent tolerability of therapy and easy administration.

DELTACRIN PRP

Innovative cosmetic that fights hair loss, stimulating the growth of new hair. It contains active ingredients that mimic the autologous PRP for the treatment of hair loss.

- **Androgenetic alopecia**
- **Telogen effluvium**

HAIR REGROWTH

COSMETIC

6 x 15 ml gel tubes

RRP in Italy:
€ 68.00

CLINICAL STUDY ON PUBMED

DERMATOLOGICALLY TESTED

NICKEL TESTED

ACTIVE SUBSTANCES

PLANT ANALOGS of EGF, IGF-1 and TGF-β2

These ingredients nourish the scalp and bulbs and stimulate cell regeneration, promoting the growth and strength of existing hair.

BROWN SEAWEED EXTRACT

It has marked anti-inflammatory properties that can reduce the synthesis of IL-6 and IL-1α, exert anti-radical activity in the scalp and protect the hair against UV-induced damage.

NATURAL PROBIOTIC EXTRACT obtained from SACCHAROMYCES CEREVISIAE

It stimulates the ability of cells to biosynthesize and regenerate ATP in the hair follicle.

PISUM SATIVUM SEED EXTRACT

It has anti-elastase and anti-collagenase action.

DOSAGE AND INSTRUCTIONS FOR USE

Apply to scalp, making sure the gel is distribuited evenly. Massage to facilitate penetration. Leave on until fully absorbed, at least 20 minutes. No rinsing required.

FREQUENCY OF USE

Unless otherwise indicated by the doctor, we recommend using 15 ml in a single application once a week for at least 3 consecutive months.

INGREDIENTS

AQUA, BUTYLENE GLYCOL, MANNITOL, FAEX EXTRACT,OLIGOPEPTIDE-1, OLIGOPEPTIDE-2, ASCOPHYLLUM NODOSUM EXTRAC, HALOPTERIS SCOPARIA EXTRACT, NICOTIANA BENTHAMIANA HEXAPEPTIDE-40 SH-POLYPEPTIDE-76, PISUM SATIVUM EXTRACT CYCLODEXTRIN, CARBOMER, LECITHIN, TOCOPHEROL, ASCORBYL PALMITATE, CITRIC ACID, DISODIUM EDTA, CI 19140, SODIUM DEHYDROACETATE, CHLORPHENESIN, SODIUM HYDROXIDE, PARFUM.

Preparation that mimics autologous PRP to safely and effectively improve hair growth and hair loss

Clinical study on the efficacy and tolerability of a topical regenerative treatment in patients with telogen effluvium and mild androgenetic alopecia

S. Cedirian MD, F. Bruni MD, F. Quadrelli MD, G. Caro MD, M. Fortuna MD, PhD, A. Rossi MD, PhD, B. M. Piraccini MD, PhD, M. Starace MD, PhD - J Cosmet Dermatol. 2023

FULL STUDY
https://bit.ly/3UmiAoz

ABSTRACT
Hair loss may change the quality of life since modern society considers hair an essential element in beauty definition. The most common causes of hair loss are androgenetic alopecia (AGA) and telogen effluvium (TE). AGA requires a lifetime use of minoxidil or finasteride (and sometimes they lose efficacy over the years), whereas TE has no standardized therapy available. Our study focuses on a novel topical regenerative preparation that, by mimicking autologous PRP, can safely and efficiently improve hair loss in patients affected by TE and AGA.

CONCLUSIONS
The results of this study demonstrate the ability of a topical regenerative preparation that mimics autologous PRP to safely and effectively improve hair growth and hair loss in patients with TE and mild AGA.

FIGURE 1
Global photography of a patient affected by telogen effluvium and androgenetic alopecia before (A) and after 3 months (B) of treatment.

FIGURE 2
Trichoscopy of a patient affected by telogen effluvium and androgenetic alopecia before (A) and after 3 months (B) of treatment.

DELTACRIN WNT SPRAY

Alcohol-free formula that addresses the main causes of hair thinning and strengthens the hair shafts. Deltacrin WNT Spray is able to counteract hair loss and improve the condition of the hair shaft. The WNT signalling pathway plays an important role in hair morphogenesis, growth initiation and regeneration of hair follicles.

- **Androgenetic alopecia**
- **Telogen effluvium, in combination with other hair treatments**

HAIR LOSS PREVENTION

COSMETIC

125 ml spray

RRP in Italy:
€ 58.00

CLINICAL STUDY PUBLISHED ON PUBMED

DERMATOLOGICALLY TESTED
NICKEL TESTED
ALCOHOL FREE
NON GREASY - EASY TO USE SPRAY FORM

ACTIVE SUBSTANCES

METHYL VANILLATE
Natural active ingredient present in the stalk of raisins (Hovenia dulcis Thunb) able to promote the activation of the WNT pathway in a dose-dependent manner.

TREHALOSE and MANGANESE
They protect keratin in the hair follicle, favouring the correct folding and preventing denaturation.

EXTRACT of NASTURTIUM OFFICINALE and TROPAEOLUM MAJUS
Stimulates and prolongs hair growth and strengthens hair from roots. It provides the elements needed to produce keratin for solid, well-structured hair and helps initiate hair regeneration via WNT Pathway.

CARNITINE
Acts as an anti-inflammatory and antioxidant in the hair follicle.

AMINOACID COMPLEX
From Soy and Wheat, with additional pure aminoacids carefully selected to mimic the functional ratios in human hair aminoacids. It is a vegetable-based alternative to animal keratine.

DOSAGE AND INSTRUCTIONS FOR USE
Spray onto the hair and scalp without rinsing.
Spray 4-8 times, depending on the area being treated.

INGREDIENTS
AQUA, PROPYLENE GLYCOL, TREHALOSE, ACETYL CARNITINE HCL, GLYCERIN, PANTHENOL, METHYL VANILLATE, WHEAT AMINO ACIDS, SOY AMINO ACIDS, ARGININE HCL, SERINE, THREONINE, NIACINAMIDE, NASTURTIUM OFFICINALE EXTRACT, TROPAEOLUM MAJUS EXTRACT, AESCULUS HIPPOCASTANUM EXTRACT, FAEX EXTRACT, AMMONIUM GLYCYRRHIZATE, ZINC GLUCONATE, CAFFEINE, BIOTIN, MANGANESE PCA, PEG-40 HYDROGENATED CASTOR OIL, SODIUM HYDROXIDE, SORBIC ACID, DISODIUM EDTA, CHLORPHENESIN, SODIUM DEHYDROACETATE, PARFUM.

Hair Mass Index significantly increased after 6 months

Topical application of the Wnt/β-catenin activator methyl vanillate increases hair count and hair mass index in women with androgenetic alopecia

Antonella Tosti, MD, Martin N. Zaiac, MD, Agnese Canazza, MD, Fabian Sanchis-Gomar, MD, Helios Pareja-Galeano, PhD, Rafael Alis, MS, Alejandro Lucia, MD, & Enzo Emanuele, MD - Journal of Cosmetic Dermatology, 2016

FULL STUDY

https://bit.ly/4cHKXnV

RESULTS

All patients successfully completed the study. Hair count significantly increased after 6 months of treatment with topically applied MV; the mean hair counts were 40.2 ± 6.7 (range, 26-49) at baseline and 42.5 ± 7.8 (range, 24-52) at 6 months. The mean increase in total hair count from the baseline to 6 months was 2.3 (95% confidence interval, 0.7-3.9, P < 0.01, paired Student's t-test, Fig. 1). The mean HMI significantly increased after 6 months of treatment with topically applied MV; the mean HMI was 65.6 ± 15.2 (range, 38.0-68.0) at baseline and 73.2 ± 18.2 (range, 42.0-115.0) at 6 months. The mean increase in the HMI from the baseline to 6 months was 7.6 (95% confidence interval, 4.5-10.7, P < 0.001, paired Student's t-test, Fig. 2). The treatment was well tolerated and none of the patients reported burning, itching, or stinging sensation after topical application. No patient discontinued treatment due to adverse local or systemic effects. The overall satisfaction with the topical spray was rated as excellent by seven patients (35%), good by eight patients (40%), average by three patients (15%), and poor by two patients (10%).

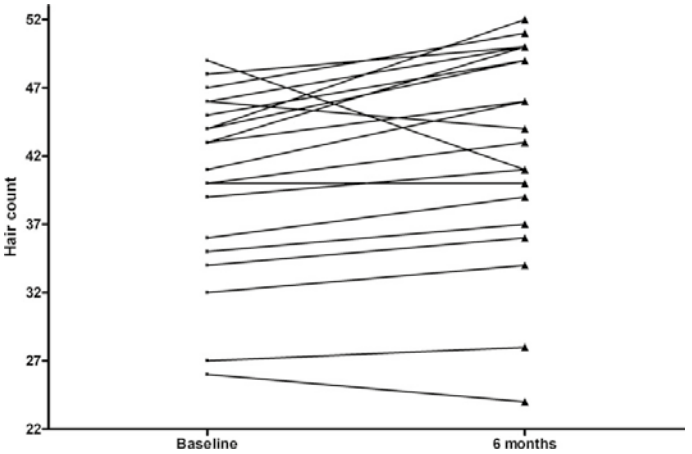


Figure 1: Changes in hair count from baseline to 6 months in the study participants (P < 0.01).

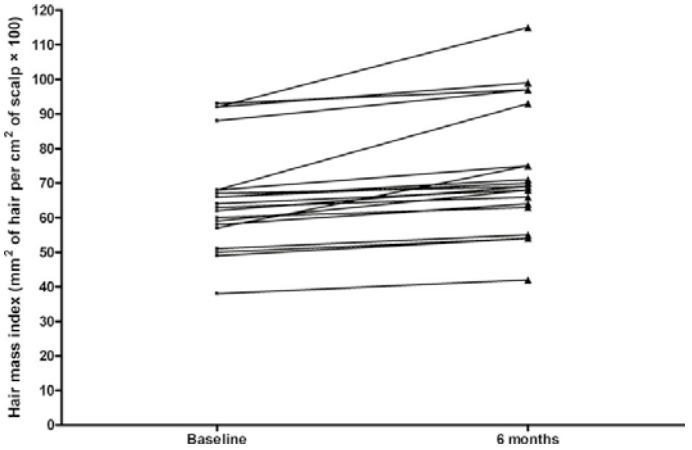


Figure 2: Changes in hair mass index from baseline to 6 months in the study participants (P < 0.001).

DELTACRIN WNT SHAMPOO

Thanks to its innovative formulation, it is able to counteract hair loss and improve the condition of the hair shaft. It increases hair hydration and reduces the number of dystrophic hair.

COSMETIC

150 ml shampoo

RRP in Italy:
€ 22.00

CLINICAL STUDY

DERMATOLOGICALLY TESTED

- **Androgenetic alopecia**
- **Telogen effluvium, in combination with other hair treatments**

ACTIVE SUBSTANCES

ALPHA-GLUCOSYL HESPERIDIN
Improves circulation at scalp level and activates WNT pathway in a dose-dependent manner. The WNT signalling pathway plays an important role in hair morphogenesis, growth initiation and regeneration of hair follicles.

TREHALOSE
Non-reducing disaccharide that preserves the molecular structure of proteins.

MANGANESE
Mineral with antioxidant capacity.
The association with Trehalose is able to protect and maintain the correct folding of keratin in the hair shaft, giving substance to the hair.

DOSAGE AND INSTRUCTIONS FOR USE
Apply Deltacrin WNT Shampoo on wet hair and massage the scalp, especially the temporal frontal area, for at least 3 minutes before rinsing. Repeat the application if necessary. For a more complete treatment, use it together with Deltacrin WNT Spray. The quantity to use depends on the amount and length of hair.

INGREDIENTS
AQUA, MEA-LAURYL SULFATE, LAURETH-2, COCAMIDOPROPYL BETAINE, TREHALOSE, GLUCOSYL HESPERIDIN, PANTHENOL, HYDROLYZED GLYCOSAMINOGLYCANS, PEG-40 HYDROGENATED CASTOR OIL, MENTHOL, MANGANESE PCA, POLYQUATERNIUM-7, SODIUM CHLORIDE, DISODIUM EDTA, CHLORPHENESIN, SODIUM DEHYDROACETATE, CITRIC ACID, PARFUM, LINALOOL.

90% of patients showing trichological pathologies ended up with healthy and normal hair

+ hydration of hair - dystrophic hairs

Hesperidin-based shampoo: evaluation of effectiveness

Tests conducted on a formulation of hesperidin-based shampoo have shown how the product, also well tolerated even from the cosmetological point of view, can be a valuable aid in the treatment of trichological pathologies

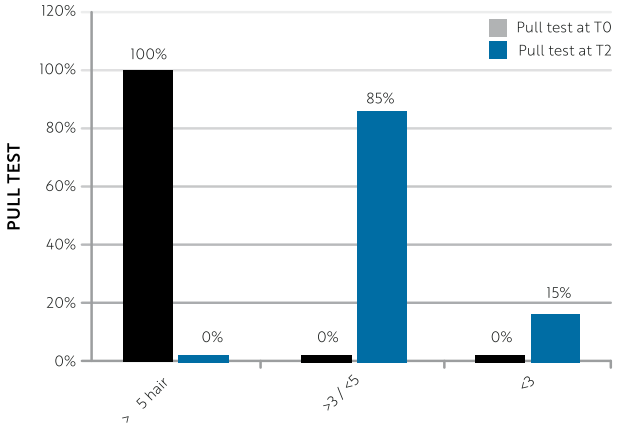
Gabriella Fabbrocini, Claudia Capasso, Mariateresa Cantelli - DERMAKOS, 2017

FULL STUDY

https://bit.ly/4cXuFXu

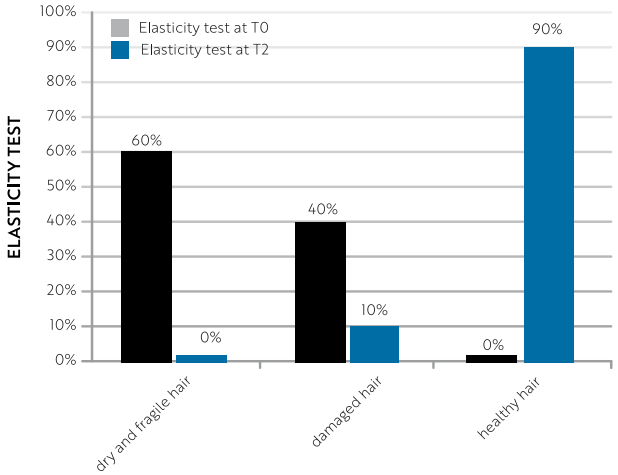
RESULTS

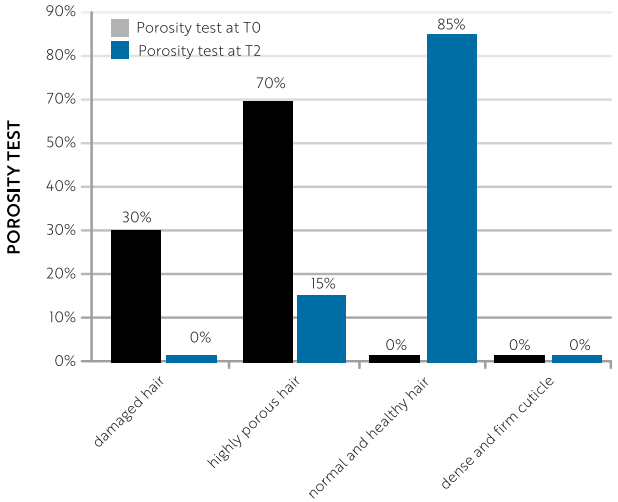
All patients at T0 showed a positive pull test (>5 hairs), 28 patients had very porous hair while 12 had very coarse and brittle hair. The elasticity test revealed dry and fragile hair in 24 patients, while the others had badly damaged hair. Confocal microscopy was used to evaluate the thickness of the hair shaft and possible anomalies of the same and in particular possible dystrophic hairs, shown by the "salt and pepper" structure. At the T2 visit, observation of the pull test between >3 and <5 in 85% of patients and <3 in 15% of patients demonstrated in any case a slight improvement in hair loss.
All patients showed significant improvement in hair condition with presence of slightly brittle hair at the porosity test in 34 patients out of 40, while the elasticity test detected the presence of healthy and normal hair in 36 patients out of 40. Confocal microscopy showed a better homogeneity of the hair shaft and cuticles, which is a sign of better hydration of the hair and a lower number of dystrophic hairs. All patients rated the product as being good quality, with an excellent opinion of both pleasantness, delicacy and hydration, as well as in terms of tolerability and fragrance.



CONCLUSIONS

The hesperidin-based shampoo formulation we tested was very effective, as it is able to adequately hydrate the hair; its effectiveness was confirmed by the clinical evaluation carried out by means of pull tests, porosity and elasticity tests. Confocal microscopy observation confirmed increased hair hydration and fewer dystrophic hairs. The product was well tolerated by all patients, also from a cosmetological point of view; it could therefore be a valid aid in the treatment of trichological pathologies, especially in cases where treatments that are often aggressive for the hair structure need to be used.





FOTOKER CREMA

Promotes the improvement of the manifestations of actinic keratosis; prevents and repairs the photo-induced DNA damage (Light CPDs) and UVA-induced apoptosis reduction.

MEDICAL DEVICE CLASS IIA

50 ml cream

RRP in Italy:
€ 30.00

4 CLINICAL STUDIES PUBLISHED ON PUBMED

- Actinic keratosis
- Treatment with pdt
- Biotypes at risk
- Patients with genetically based dna repair disorders
- Photoaging

DOSAGE AND INSTRUCTIONS FOR USE

Apply generously on photoexposed skin. Apply 30 minutes before sun exposure and reapply every time in case of prolonged exposure.

ACTIVE SUBSTANCES

1% LIPOSOMAL PHOTOLIASIS

Immediate prevention and repair of photo-induced DNA damage (Light CPDs) and UVB induced apoptosis reduction.

TRIPEPTIDE-33

Protection against UVA-induced DNA indirect damage (CPDs).

VITAMIN E

CPD training inhibition.

SELECTIVE SUNSCREENS

Photoprotection.

INGREDIENTS

WATER, METHYLENE BIS-BENZOTRIAZOLYL TETRAMETHYLBUTYLPHENOL (MBBT), DECYL GLUCOSIDE, XANTHAN GUM, ETHYLHEXYL METHOXYCINNAMATE,POTASSIUMPALMITOYLHYDROLYZEDWHEATPROTEIN, GLYCERYLSTEARATE,CETYLSTEARYLALCOHOL,BIS-ETHYLHEXYLOXYPHENOL METHOXYPHENYL TRIAZINE (BEMT), BUTYL METHOXYDIBENZOYLMETHANE, AMMONIUM SALT OF POLYMERIZED SULFONIC ACID, DICAPRILIL ETHER, OCTOCRYLENE, TRIACONTANYL PVP, CYCLOPENTASILOXANE, PLANKTON EXTRACT (PHOTOLIASIS), DIAMINOPROPIONOYL TRIPEPTIDE-33, LECITHIN, VITAMIN E ACETATE, CAPRILYL GLYCOL, VITAMIN E, ASCORBYL PALMITATE, VEGETABLE GLYCEROL, PROPYLENE GLYCOL, PHENYLETHYL ALCOHOL, CETEARYL ETHYLHEXANOATE, CITRIC ACID MONOHYDRATE, PERFUME.

Best product in the comparative study to reduce CPD

CLINICAL STUDIES

https://bit.ly/3Y4tTnl

"Comparative effects of sunscreens alone vs enzymes in patients with actinic keratosis: clinical and molecular findings from a 6-month, randomized, cinical study".

https://bit.ly/3SdMOIL

"Topical application of preparations containing DNA repair enzymes prevents ultraviolet-induced telomere shortening and c-FOS proto-oncogene hyperexpression in human skin: an experimental pilot study".

Reduced ultraviolet-induced DNA damage and apoptosis in human skin with topical application of a photolyase-containing DNA repair enzyme cream: Clues to skin cancer prevention

FULL STUDY
https://bit.ly/3Sax5KC

Enzo Berardesca, Marco Bertona, Karmela Altabas, Velimir Altabas and Enzo Emanuele - MOLECULAR MEDICINE REPORTS, 2012

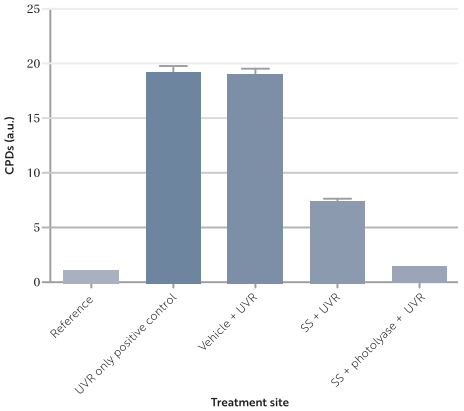


Figure 1. Effect of a sunscreen (SS) with or without photolyase on CPD formation after repetitive ultraviolet radiation (UVR) exposure. ANOVA followed by Newman-Keuls tests was used to analyze CPDs. Repetitive irradiation significantly increased the formation of CPDs in both UVR only positive control and vehicle + UVR sites (P<0.001 vs. baseline). SS alone significantly, but not completely, prevented CPD formation (P<0.001 vs. UVR only positive control and vehicle + UVR sites). However, topical SS + photolyase was significantly better than SS alone (P<0.001).

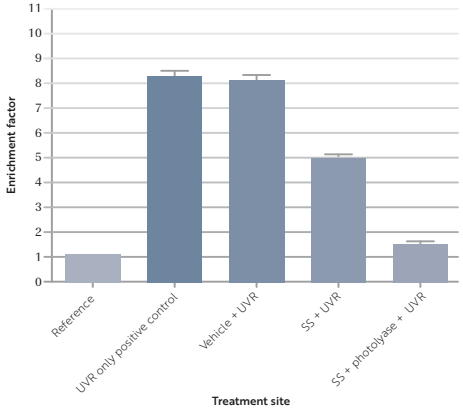


Figure 2. Effect of a sunscreen (SS) with or without photolyase on apoptosis in skin biopsies after repetitive ultraviolet radiation (UVR) exposure. ANOVA followed by Newman-Keuls tests was used to analyze apoptosis. Repetitive irradiation significantly increased apoptosis in both the UVR only positive control and vehicle + UVR sites (P<0.001 vs. baseline). SS alone significantly, but not completely, prevented apoptosis (P<0.001 vs. UVR only positive control and vehicle + UVR sites). However, topical SS + photolyase was significantly better than SS alone (P<0.001).

Comparative study: Exploring the protective efficacy of topical products for actinic keratosis against ultraviolet induced DNA and protein damage: an experimental, double-blind irradiation study

FULL STUDY
https://bit.ly/3SbqCyV

Minoretti P, Emanuele E, García Martín Á, et al. - CUREUS, 2023

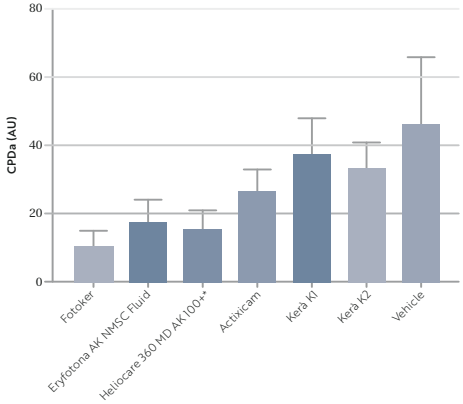


Figure 1. Assessment of the protective influence of diverse topical treatments for actinic keratosis via post-irradiation measurements of CPDs in skin biopsies

XERONORM PRX

Anti-itch moisturizing cream with rebalancing action of the skin microbiome. It is dedicated for sensitive skin with a tendency to develop dermatitis of various kinds (atopic, contact, irritative and allergic) and in cases of xerosis. It acts on the itching sensation and reduces skin irritation.

COSMETIC

250 ml cream

RRP in Italy:
€ 28.50

CLINICAL STUDY

DERMATOLOGICALLY TESTED ON SENSITIVE SKIN

NICKEL TESTED

- Xerosis and senile xerosis
- Dermatitis
- Allergy-prone skin
- Itching

ACTIVE SUBSTANCES

LESS-RED COMPLEX™
A unique combination of bacteriocins and dehydro avenanthramide D that reduces itching and restores the balance of the skin microbiome

PEELMOIST™
Gentle exfoliation (papain) combined with hydration, skin barrier restoration

LIPOMOIST™
Increases skin hydration and promotes penetration of active ingredients

VITAMIN E
Antioxidant

DIRECTIONS FOR USE
Apply morning and evening on the affected areas of skin on the face and body. Massage until fully absorbed.

INGREDIENTS
AQUA, GLYCERIN, CAPRYLIC/CAPRIC GLYCERIDES, CETEARYL ISONONANOATE, POLYGLYCERYL-3 RICE BRANATE, TOCOPHERYL ACETATE, CALCIUM PANTOTHENATE, PAPAIN, LECITHIN, CAR- BOMER, MAGNESIUM LACTATE, UREA, HYDROXYPHENYL PROPAMIDOBENZO- IC ACID, XANTHAN GUM, MALTODEXTRIN, ALANINE, PROLINE, SERINE, PO- TASSIUM LACTATE, MAGNESIUM CHLO- RIDE, ASCORBYL PALMITATE, GLUCOSE, CARRAGEENAN, BACILLUS FERMENT, PROPYLENE GLYCOL, CITRIC ACID, TO- COPHEROL, SODIUM DEHYDROACE- TATE, ETHYLHEXYLGLYCERIN, CAPRYLYL GLYCOL, BUTYLENE GLYCOL, DISODIUM EDTA, PENTYLENE GLYCOL, CHLORPHE- NESIN, PHENOXYETHANOL, SODIUM HY- DROXIDE, SODIUM CITRATE, PARFUM.

Decreased itching + feeling of relief and comfort

+32% hydration after 48 hours

LESS-RED COMPLEX™

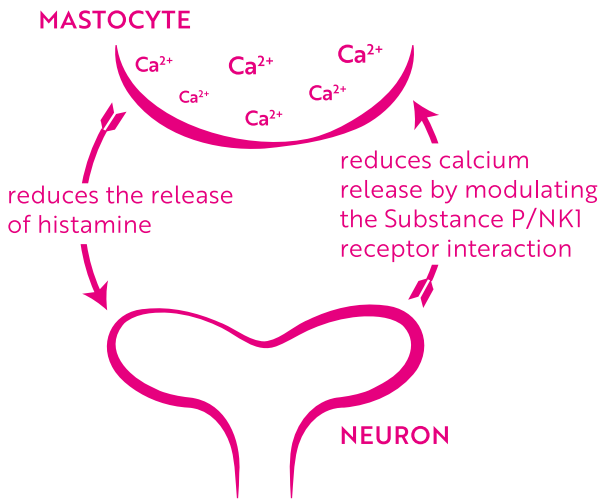
Skin microbiome rebalancing complex with soothing action: reduces itching quickly and lastingly and restores the balance of the skin microbiome.

DEHYDRO AVENANTHRAMIDE D

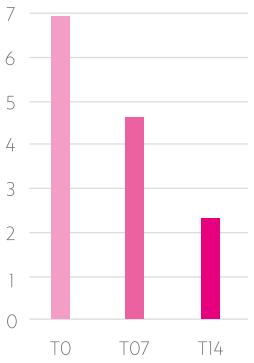
An active component of oats, responsible for its anti-inflammatory and antipruriginous properties, it has the ability to disrupt itch mechanisms: it interacts with Neurokine receptors (NK1R), inhibiting mast cell degranulation. It also affects inflammatory processes and reduces the secretion of the cytokine IL-6.

BACTERIOCINS

Peptides of bacterial origin obtained by fermentation. These substances are produced by some bacteria normally found on human skin and have antibacterial action. Bacteria produce them to protect themselves from the proliferation of pathogens and preserve the skin microbial ecosystem.



ITCHING

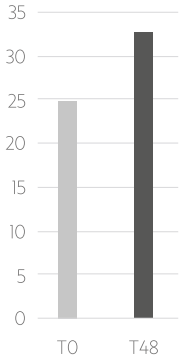


After 14 days the itching sensation:

- decreased in 90% of the subjects
- was reduced by an average of 66% in the total number of patients

(Self-assessment on 20 volunteers after twice-daily application)

HYDRATION



100% of subjects said they experienced a decrease in skin dryness, accompanied by a feeling of relief and comfort, after 21 days.

(Self-assessment on 20 volunteers after twice-daily application)

Recorded hydration was +32% after 48 hours after application.

(Instrumental analysis measured with CORNEOMETER CM 825 on 20 volunteers)

CROMOVIT CAPSULE

It provides the main factors that contribute to the regulation of the melanogenesis process.

FOOD SUPPLEMENT
60 x 450 mg capsules
RRP in Italy:
€ 29.00

CLINICAL STUDY

GLUTEN FREE
NATURALLY LACTOSE FREE

- Localized vitiligo
- Generalized vitiligo
- Pityriasis alba
- Pityriasis versicolor
- In combination with PUVA, UVB-NB and corticosteroid therapy

ACTIVE SUBSTANCES

GENIPOSIDE
Is a glycosidic iridoid that increases melanocyte resistance to immunological stress, promoting the stimulation and reactivation of the so-called dormant or lazy melanocytes.

PHENYLALANINE, L-TYROSINE, COPPER
Melanogenesis stimulus.

NICOTINAMIDE
Reduces the side effects of UV radiation from both photo-and heliotherapy.

DOSAGE
It is recommended to take one capsule a day. Do not exceed the recommended dose.

NUTRITIONAL INFORMATION

	per capsule	*%RNV / capsule
Copper	1 mg	100%
Phenylalanine	150 mg	
L-tyrosine	60 mg	
Nicotinamide	54 mg	337,5%
Gardenia jasminoide dry extract	25 mg	

*%RNV = percentage reference nutritional value (EU Reg. 1169/2011)

Promotes repigmentation in subjects with generalized vitiligo in stationary phase

Comparable and synergistic results with UVB 311 nm phototherapy

Study of the clinical efficacy of a new supplement containing Gardenia Jasminoides in 60 patients with generalized vitiligo.

Claudio Comacchi - GISV (Italian Group for the Study and Therapy of Vitiligo) - Florence branch. "Skin Pigmentation Disorders" Department - ISPLAD (International-Italian Society of Plastic Regenerative and Oncologic Dermatology)

FULL STUDY

https://bit.ly/3XZWcU9

RESULTS

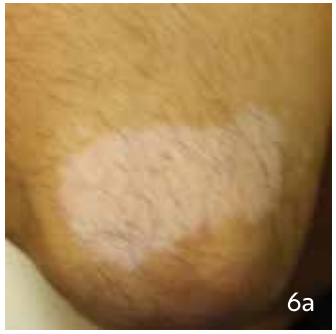
Group 1: the results obtained did not show any improvement in the initial clinical picture, although a V.A.I. ranging from -0.5 to +0.5 - vitiligo in stationary phase, was maintained (Figs. 6a and 6b).

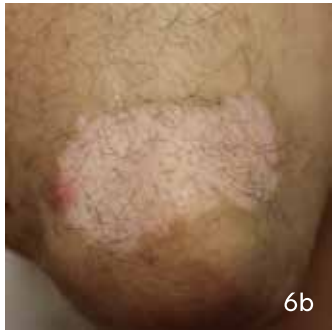
Group 2: the results obtained show a slight recovery of the repigmentation phase, an improvement in the quality of life of patients and a V.A.I. which initially became negative (Figs. 7a and 7b).

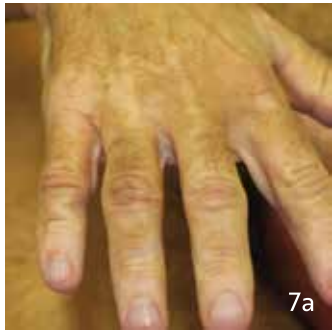
Group 3: the results obtained show a slight recovery of the repigmentation phase, improvement in the quality of life of patients and a V.A.I. which initially became negative. Results comparable with those obtained with UVB 311 nm phototherapy (Figs. 8a and 8b).

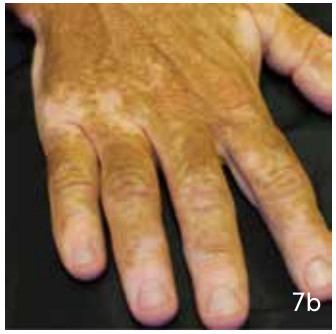
Group 4: there was an accentuation of the repigmentation phase, greater than in Groups 2 and 3, improvement in the quality of life of patients and a V.A.I. which was stably negative in all patients (Figs. 9a and 9b).

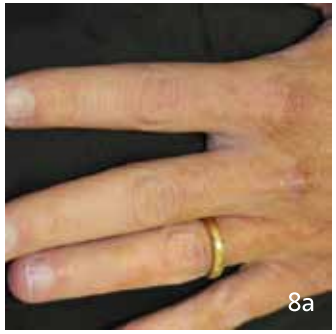
None of the 60 patients showed any side effects during the six months of therapy.

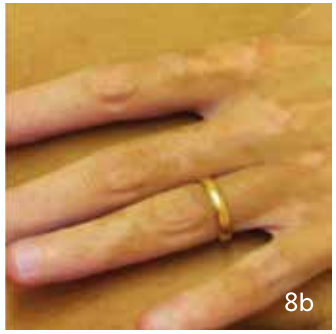

6a


6b


7a


7b


8a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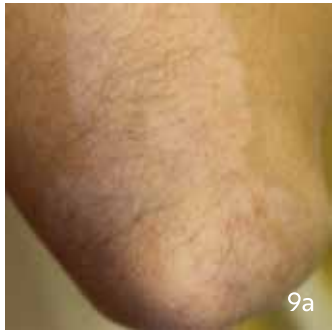
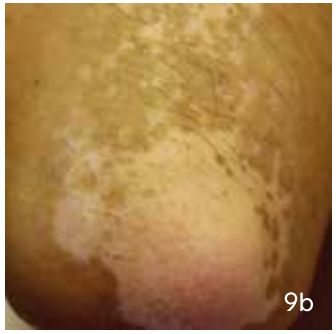

9a


9b

CROMOVIT FORTE

It contains a pool of substances indicated to rebalance some processes involved in the depigmentation of the skin. Liposomal form consists of a nano-technology able to carry piperine at basal level, making it available to melanocytes and therefore able to ensure a much more active stimulation of melanocytic proliferation, without any side effect, as happens with the use of topical steroids.

COSMETIC

40 ml cream

RRP in Italy
€ 26.00

CLINICAL STUDIES

DERMATOLOGICALLY TESTED
NICKEL TESTED
PIPERINE IN LIPOSOMAL FORM

- **Localized vitiligo**
- **Generalized vitiligo**
- **Post-inflammatory hypochromia**
- **Pityriasis alba**
- **Pityriasis versicolor**
- **Guttate idiopathic hypomelanosis**
- **Premature aging**
- **Adverse effects from phototherapy**

INSTRUCTIONS FOR USE

2-3 times a day for a period of 2 to 4 months.

INGREDIENTS

AQUA, CETYL ESTERS, GLYCERYL STEARATE SE, LECITHIN, STEARIC ACID, C12-20 ACID PEG-8 ESTER, CETEARETH-20, ISOPROPYL MYRISTATE, BRASSICA CAMPESTRIS STEROLS, PHENYLALANINE, PIPER NIGRUM FRUIT EXTRACT, OCTYLDODECANOL, PHOSPHOLIPIDS, FOLIC ACID, SODIUM HYALURONATE, RESVERATROL, DECARBOXY CARNOSINE HCL, PEUMUS BOLDUS LEAF EXTRACT, LEUCONOSTOC/RADISH ROOT FERMENT FILTRATE, TOCOPHERYL ACETATE, BUTYLENE GLYCOL, CAPRYLYL GLYCOL, PROPYLENE GLYCOL, DISODIUM EDTA, PHENETHYL ALCOHOL, SODIUM HYDROXIDE, LACTIC ACID.

ACTIVE SUBSTANCES

ANTIOXIDANT COMPLEX
Sirtuin activation vs. Premature ageing.

PHENYLALANINE / LIPOSOMAL FOLIC ACID
Stimulation of re-pigmentation.

β-SITOSTEROL
Reduction in photo-induced erythema.

PHARCOS™ LIPOSOMAL BLACK PEPPER
Increases the speed of pigmentation by stimulating the proliferation of melanocytes and melanogenesis.

Increases the degree of repigmentation in patients affected by vitiligo

CLINICAL STUDIES

https://bit.ly/3Y8EJJ9

"Vitiligo Treated with Combined Piperine-Based Topical Treatment and Narrowband Ultraviolet B Therapy: Follow-Up with Reflectance Confocal Microscopy".

Effect of an antioxydant cream versus placebo in patients with vitiligo in association with excimer laser

G. Leone, A. Paro Vidolin - Italian Journal of Dermatology and Venereology, 2015

RESULTS

Cromovit Cream:

- **Improves the outcome of excimer laser phototherapy**
- **Increased the degree of repigmentation**
- **Reduces the duration of phototherapy**
- **Has a positive effect in reducing the intensity of the erythema**

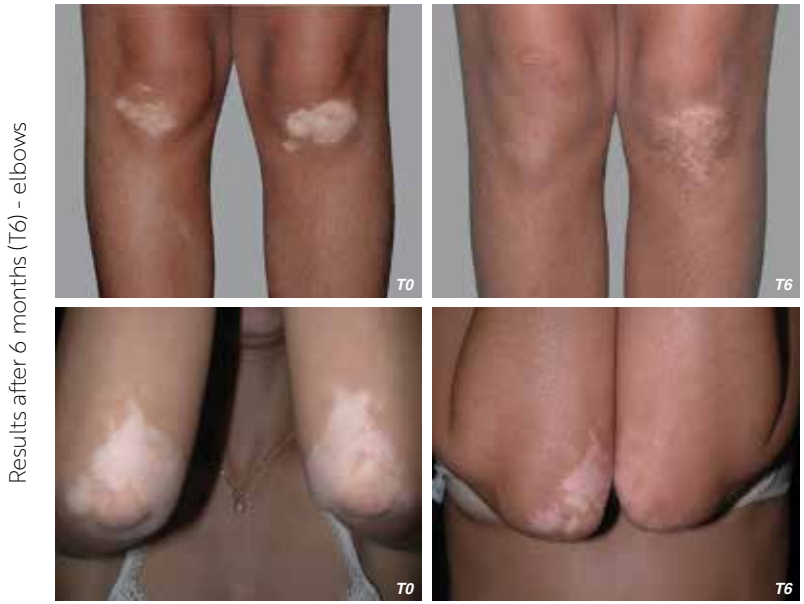


Figure 1. Photograph of a patient with vitiligo on the elbows, at T0 and at T6

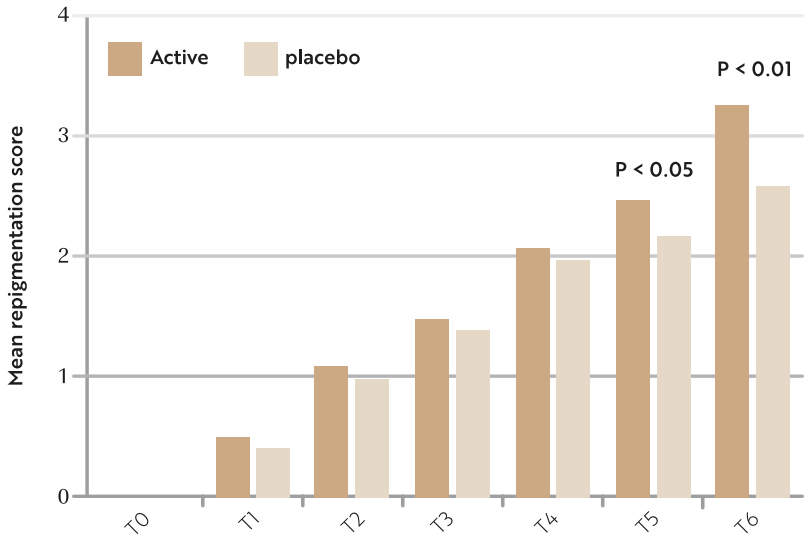


Figure 2. The graph shows the differences in mean repigmentation score in all patients at different time points.

CONCLUSIONS

The results from this study indicate that the active antioxidant cream improves the outcome of excimer laser phototherapy in patients with vitiligo. Notably, the time needed to obtain repigmentation was shorter and the repigmentation scores were higher with the use of the active cream as compared with the placebo cream in patients with vitiligo treated with excimer laser. Taken together, these findings suggest that the active cream may reduce the course of phototherapy, ultimately minimizing the possible side effects of UV irradiation to the skin.

Importantly, our findings also demonstrate that the adjuvant effect of the active cream can become more prominent as the duration of treatment increases. It can be thus suggested to start the application of the active cream as early as 15 days before starting phototherapy and then continue until the maximum effect in terms of repigmentation has been achieved.

As an ancillary finding of our study, we have shown that the active cream has a positive effect in reducing the intensity of erythema on laser-treated sites.

CICATRIZIAL

Medical device that works by protecting the wound that has damaged the dermis, creating an optimal enviroment for the repair processes and at the same time protecting the area from external physical and bacterial agents.

MEDICAL DEVICE CLASS IIB

25 g gel

RRP in Italy:
€ 17.00
Also available in:
50 g, 15 g

CLINICAL STUDY

DERMATOLOGICALLY TESTED
FOR WOUNDS, BURNS AND IRRITATIONS

Cicatrizial performs an adjuvant action in the tissue repair process in case of:

- **Irritation and redness (including diaper rash)**
- **Post peeling, hair removal and laser treatments**
- **Navel of the newborn**
- **Superficial injuries: cracks, scratches, grazes, abrasions, minor burns, cuts**
- **Deep wounds: surgical wounds, bedsores, ulcers**

ACTIVE SUBSTANCES

HIGH MOLECULAR WEIGHT HYALURONIC ACID *(0.3% plant-based)*
Moisturizing, protective film-forming.
Damaged skin regenerating properties.

ACEMANNAN *(high molecular weight polysaccharide fraction)*
Immuno-stimulating, antibacterial and antiseptic.
Facilitates tissue repair.

JOJOBA OIL *(Simmondsia chinensis)*
Esterified wax mixture that restores the correct hydrolipidic film on the skin with anti-inflammatory action.

DOSAGE AND INSTRUCTIONS FOR USE
Wash your hands before use. After cleaning and disinfecting the area to be treated, apply a thin layer of gel directly on it.
In case of deep wounds, perform a light massage and apply a gauze on the injured part with a sterile bandage. Apply twice a day, until symptoms disappear. The treatment should not exceed 30 days.

INGREDIENTS
ALOE VERA, SODIUM HYALURONATE, ACRYLATES/C10-30 ALKYL ACRYLATE CROSSPOLYMER, JOJOBA OIL*, POLYVINYLPYROLIDONE (PVP), SODIUM HYDRATE PEARLS, BENZYL ALCOHOL, GLYCERYL CAPRYLATE, GLYCERYL UNDECYLENATE, WATER.
* FROM ORGANIC FARMING

***Rapid recovery* from pain/burning**

***Resolves rashes and scabs* in nearly half the expected time**

Evaluation of a preparation (Cicatrizial) based on Hyaluronic Acid, Acemannan and Jojoba Oil in assisting in the correction of the burning/pain symptom and in the healing of erythema and scabs

Dr. Giuseppe Alessandrini

FULL STUDY

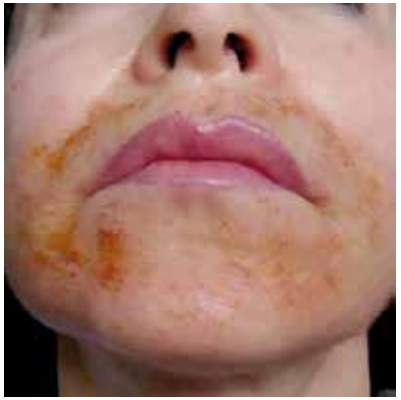
https://bit.ly/4cNuGxS

RESULTS

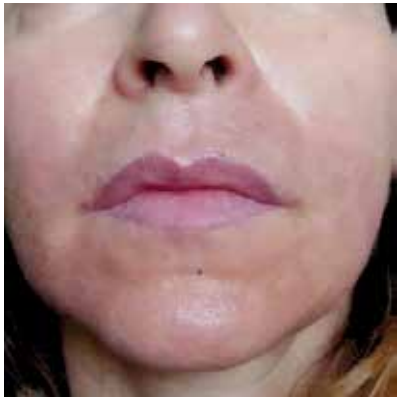
In relation to the first endpoint, all patients experienced rapid recovery from pain/burning (an average of 20 minutes against the usual 60), and a feeling of almost tensile protection, of the product applied. Based on these results, the product can be regarded as providing excellent comfort for the treated areas.

In relation to the second endpoint, the rashes and scabs resolved after an average of 6.5 days (median of 7 days) as against the expected 10-12.

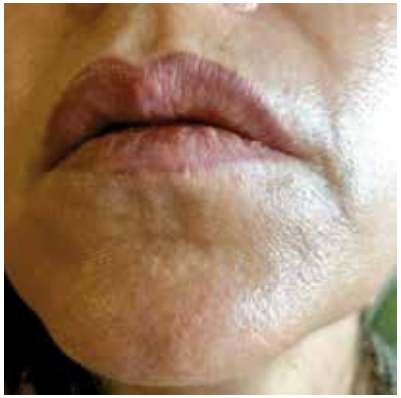
Patients rated local tolerability and cosmetic performance of the product as excellent on a 3-point scale, with scores ranging from poor to excellent (1-poor; 2- good; 3-excellent). 75% of patients rated the product as good.



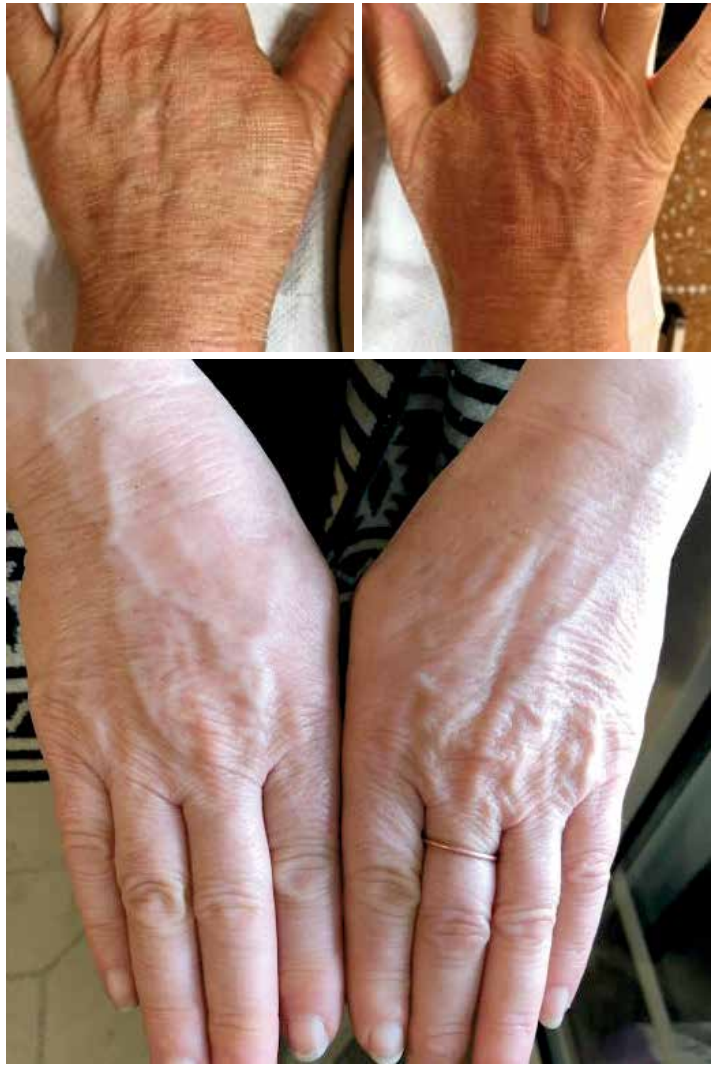
Fractionated CO2 laser ablation - three steps, 12 mj, depth level 3, density 4.
After 2 days: Intense erythematous - exudative reaction with micro-scabs and edema.



After 10 days, slight persistent rash, disappearance of scabs and renewed appearance of skin.
These conditions are usually achieved after 15 days of using a basic moisturizing cream.



After 20 days, no sign of rash or irritation. Improved porosity and skin texture, with more tone and freshness in the treated area.



After 5 days of applying Cicatrizial three times a day the rash has completely disappeared and the point-like ablative residues removed. The skin looks more hydrated and relaxed. This clinical status is normally achieved on the eighth-tenth day.

LIPOSKIN BIOMA

It is an evanescent, non-photosensitizing cream for acne-prone skin that therapeutically targets the skin microbiome. It is used for the treatment of mild to moderate acne of all clinical forms, providing an alternative to therapy with systemic and topical antibiotics and retinoids. It can also be used for maintenance therapy.

COSMETIC

40 ml cream

RRP in Italy:
€ 22.00

CLINICAL STUDY PUBLISHED ON PUBMED

DERMATOLOGICALLY TESTED
NON PHOTOSENSITIZING
NICKEL TESTED

- Mild/moderate acne of all clinical forms
- Combination with systemic and topical antibiotic and/or retinoids
- Maintenance therapy

ACTIVE SUBSTANCES

BACTERIOCINS
Peptides with bacteriostatic or bactericidal activity against pathogenic microbial strains. Rebalancing the skin's microbiome through selective inhibition of Gram+ and Gram- bacteria involved in the pathogenesis of acne.

7-DEHYDROCHOLESTEROL and NICOTINAMIDE
Restoration and hydration of the skin barrier. Anti-inflammatory action.

MYO-INOSITOL
Component of the vitamin B complex (vitamin B8) able to reduce insulin resistance. It also acts on cytochromes expressed at the hair follicle-level, effectively counteracting peripheral hyperandrogenism.

MICROENCAPSULATED RETINOL
Promotion of keratinocyte differentiation. Anti-inflammatory action.

DOSAGE AND INSTRUCTIONS FOR USE
Apply daily on a clean and dry face.

FREQUENCY OF USE
1-2 times a day, morning and/or evening.

INGREDIENTS
AQUA, DICAPRYLYL CARBONATE, CETEARYL ALCOHOL, NIACINAMIDE, BEHENETH-25, BEHENYL ALCOHOL, POLYMETHYL METHACRYLATE, DIMETHICONE/VINYL DIMETHICONE CROSSPOLYMER, CYCLOPENTASILOXANE, POLYACRILAMIDE, INOSITOL, MANNOSE, SUCROSE STEARATE, C13-14 ISOPARAFFIN, BACILLUS FERMENT, C12-14 PARETH-12, RETINOL, 7-DEHYDROCHOLESTEROL, CHITOSAN, GLYCINE SOJA OIL, CELLULOSE GUM, ZEA MAYS OIL, ACRYLATES /C10-30 ALKYL ACRYLATE CROSSPOLYMER, TOCOPHEROL, LAURETH-7, PROPYLENE GLYCOL, LACTIC ACID, CHLORPHENESIN, SODIUM DEHYDROACETATE, PARFUM.

Improves the clinical appearance of mild-to-moderate acne

Topical application of bacteriocins from Bacillus subtilis promotes Staphylococcus aureus decolonization in acneic skin and improves the clinical appearance of mild-to-moderate acne

Giuseppe Alessandrini, Santo R. Mercuri, Alessandro Martella, Francesca Ferrara, Vito Simonetti, Caterina Trifirò, Enzo Emanuele - Advances in Dermatology and Allergology, 2023

FULL STUDY

https://bit.ly/3Lv6hRi

ABSTRACT

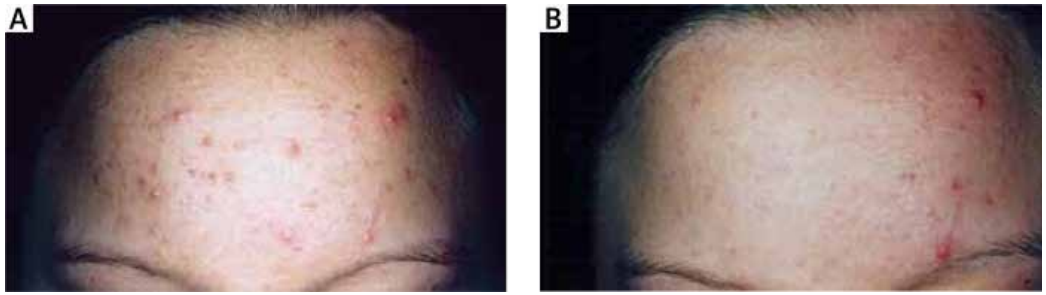
Patients with mild-to-moderate acne are frequently colonized by Staphylococcus aureus on their skin, which alters microenvironmental skin conditions and exacerbates disease symptoms. Bacteriocins produced by Bacillus subtilis may act as antimicrobial peptides against Gram-positive bacteria.

RESULTS

At the microbiological level, quantitative PCR showed a decrease in the absolute abundance of S. aureus in acne areas after topical application of the research product for 60 days (-38%, $p < 0.001$). In the clinical study, the number of inflammatory and non-inflammatory lesions was found to decrease at 8 weeks by 59% ($p < 0.001$) and 58% ($p < 0.001$), respectively, compared with baseline. A 56% decrease was observed for GAGS scores.

CONCLUSIONS

Topical bacteriocins from B. subtilis can promote S. aureus decolonization in acneic skin, ultimately improving the clinical appearance of mild-to-moderate acne.



Representative images of a patient before (A) and after (B) 8 weeks of treatment with bacteriocins from Bacillus subtilis. A significant improvement in the clinical appearance of acne was evident (baseline: number of inflammatory lesions = 14; number of non-inflammatory lesions = 19; after 8 weeks: number of inflammatory lesions = 3; number of non-inflammatory lesions = 7)

LIPOSKIN MASK

Peel-off mask that fights peripheral hyperandrogenism, regulates sebaceous hyperproduction and erases signs of acne. It is indicated for the treatment of acne, particularly papulopustular acne, as an adjuvant in the normalization and repair of the skin.

COSMETIC

15 x 5 ml sachets mask

RRP in Italy:
€ 29.00

CLINICAL STUDY PUBLISHED ON PUBMED

DERMATOLOGICALLY TESTED
PARFUM FREE
NICKEL TESTED

- **Juvenile acne**
- **Late onset acne**
- **For all forms of papulo-pustular acne**

ACTIVE SUBSTANCES

PVA
Enables the formation of a peel-off mask that helps protect skin damaged by acne from external infection, thanks to the effect of a distinctive polysaccharide. It aids in the normalization process by creating an optimal environment for the repair of acne lesions.

LIPOSOMAL TREHALOSE
It hydrates the skin restoring the sensation of well-being in the skin.

MYO-INOSITOL
It contrasts peripheral hyperandrogenism.

TEFLOSE
It inhibits bacterial adhesion to the skin.

DOSAGE AND INSTRUCTIONS FOR USE
After cleansing the area to be treated, open the sachet and distribute the product on the face. Apply in the evening before going to bed and remove in the morning. Use the product every other day, once a day, at least for a month.
2 annual cycles or one application per week throughout the year as maintenance in the post-acute phase.

INGREDIENTS
AQUA, POLYVINYL ALCOHOL, ALCOHOL, INOSITOL, GLYCERIN, PROPANEDIOL, TREHALOSE, GLUCURONIC ACID, GLUCOSE, RHAMNOSE, CARRAGEENAN (CHONDRUS CRISPUS), XANTHAN GUM, CARBOMER, HYDROGENATED LECITHIN, BUTYLENE GLYCOL, SODIUM PHOSPHATE, CITRIC ACID, CHLORPHENESIN, SODIUM DEHYDROACETATE, SILVER (CI 77820), GLYCERYL CAPRYLATE, SODIUM HYDROXIDE.

Improves the cosmetic appearance of AFA by reducing cutaneous androgen content and promoting skin autophagy

A peel-off facial mask comprising myo-inositol and trehalose-loaded liposomes improves adult female acne by reducing local hyperandrogenism and activating autophagy

Gabriella Fabbrocini MD, Mariateresa Cantelli MD, Enzo Emanuele MD - JOURNAL OF COSMETIC DERMATOLOGY, 2017

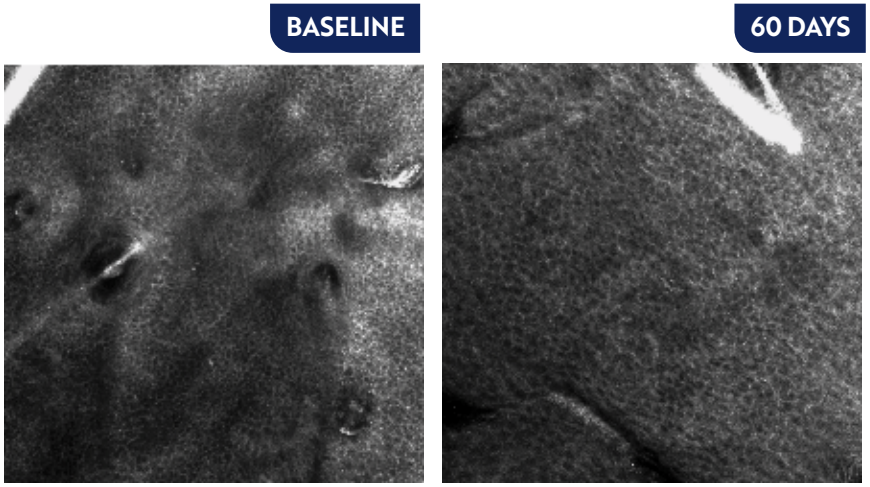
FULL STUDY
https://bit.ly/3XZWnih

RESULTS

The mean counts of comedones, papules, pustules, and nodular lesions decreased significantly (all P<.001). The mean Sebutape® score was reduced from 3.4 ± 0.6 to 1.8 ± 0.2 (p<.001), whereas the mean GAGS scale score decreased from 16.8 ± 5.3 at baseline to 9.8 ± 4.6 after treatment (p<.001). A significant decrease in testosterone and dehydroepiandrosterone sulfate in skin biopsy supernatants was observed, whereas beclin-1 levels increased significantly (p<.001).

CONCLUSIONS

A ready-to-use peel-off facial mask containing myo-inositol and trehalose-loaded liposomes improved the cosmetic appearance of AFA by reducing cutaneous androgen content and promoting skin autophagy.



Reduction of the inflammatory infiltrate (3D Confocal Microscopy) likely attributable to the action on P. acnes by the polysaccharide Teflose.

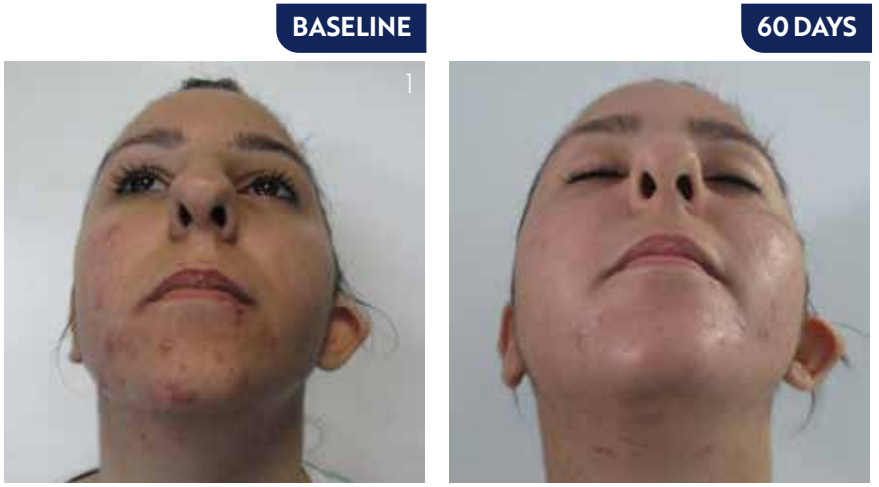


Figure 1. Representative images of a patient before (left panel) and after (right panel) treatment with the peel-off mask. Baseline Global Acne Grading System (GAGS) score was 14, with 32 comedones, 42 papules, and 9 pustules. After application of the product overnight every other day for a total of 60 days, the patient's GAGS score was 10, with 21 comedones, 28 papules, and 2 pustules.

Figure 2. Representative images of a patient before (left panel) and after (right panel) treatment with the peel-off mask. Baseline Global Acne Grading System (GAGS) score was 16, with 16 comedones, 23 papules, 8 pustules, and 1 nodular lesion. After application of the product overnight every other day for a total of 60 days, the patient's GAGS score was 8, with nine comedones, 14 papules, and 1 pustule, without nodular lesions.

MYO-AC

Revolutionizing acne treatment: Myo-Ac - the pioneering food supplement for clear, healthy skin.

FOOD SUPPLEMENT
20 x 4,7 g sachets
RRP in Italy:
€ 24.00

BIBLIOGRAPHIC EVIDENCE AVAILABLE

GLUTEN FREE
NATURALLY LACTOSE FREE

- **Treatment of mild/moderate acne in all its clinical forms**
- **Juvenile acne (even in male subjects)**
- **Acne caused by PCOS and metabolic syndrome**
- **Late onset acne**

ACTIVE SUBSTANCES

NICOTINAMIDE
Has an anti-inflammatory action and restores the skin barrier.

MYO-INOSITOL
Its use by oral administration is effective in the treatment of hyperandrogenism and insulin resistance.

QUATREFOLIC
Is a salt of glucosamine 5 methyltetrahydrofolate (5-MTHF), which is the active form of folic acid. Folic acid regulates homocysteine levels.

HOW TO USE AND DOSAGE
Dissolve the contents of one sachet in a glass of water (at least 150 ml), mix well and drink immediately after preparation. Any insoluble residues are due to the high concentration of the active substances present and are not indicative of product defectiveness. The recommended dosage is 1 sachet per day. Do not exceed the recommended daily dose.

NUTRITIONAL INFORMATION

	(for 1 sachet)	%NRV/ for 1 sachet
Myo-inositol	4 g	
Nicotinamide	50 mg	312,5%
Folic acid	400 mcg	200%

%NRV = percent of nutrient reference value (EU Reg. no. 1169/2011)

Contains the active form of highly bioavailable Folic acid

Bionativa S.p.A.
Via Raffaello 15
Loc. Sambuca Val di Pesa
50028, Barberino Tavarnelle (FI)
ITALY
bionativa.net

PHARCOS

INNOVATION & DERMATOLOGY

pharcos.com

Bionativa

AESTHETIC MEDICINE

AGEX

by PHARCOS

DERMAL FILLERS
ANTI AGEING TREATMENTS

Bionativa

MADE IN ITALY, INSPIRING GLOBALLY

Originating from Biodue SpA's Own Brands Division, Bionativa continues its legacy of innovation in medical devices, cosmetics and dietary supplements, rooted in Tuscany's research and production excellence.

PHARCOS

AGEX by PHARCOS

Fitopreparatori Italiani®

BIOFTA

RIVER PHARMA

I.P. FARMA

EFFECTIVE AND SAFE PRODUCTS THROUGH SCIENTIFIC RESEARCH

In **Bionativa**, continuous innovation in product development is supported by scientific research in collaboration with leading research institutions. This approach allows us to create state of the art products focused on achieving effective outcomes, utilizing raw materials of the highest quality and meticulous processes.

- *380+ Products*
- *120+ Product brands, active ingredients and technologies*
- *10 Patents registered globally*
- *30+ R&D Projects annually*
- *40+ Scientific studies with 2,000+ participants*

OUR BRANDS

Bionativa unites leading brands in the Health & Beauty sectors under one corporate ethos, focused on the specifics of each area while sharing a common mission: to value professional advice in a constantly evolving market.

PHARCOS · *Dermatology and Cosmetics*

AGEX · *Aesthetic Medicine*

FITOPREPARATORI ITALIANI · *Proctology and Gastroenterology*

BIOFTA · *Ophthalmology*

RIVER PHARMA · *Orthopedics, Neurology*

IP FARMA · *Otorhinolaryngology, Gynecology, Pediatrics, Urology, Pneumology and General Surgery*

AGEX by PHARCOS

Agex, inspired by the trusted Pharcos dermatology brand, offers top-quality aesthetic medicine and anti ageing products made in Italy. Created in the Pharcos labs with the best materials, our products give quick, noticeable, and long-lasting natural results. Agex combines beauty with science for effective and professional skin care.

AGEX

by PHARCOS

FEEL NATURAL BEAUTY

AGEX fill

VOLUMIZING CROSSLINKED HA + BIOSTIMULATING FREE HA

VOLUME **STRUCTURE** **HYDRATION**

THE LINE

Agex Fill is a range of dermal fillers for the correction of smaller imperfections as well as the deepest marks, ranging from a restructuring filler to a true volumizing filler.

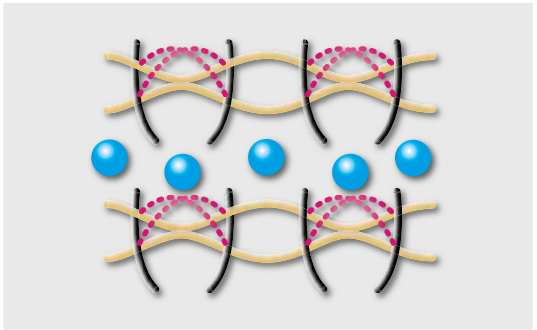
All the products in the line also feature tissue biostimulation activity, which has a long-term restructuring effect.

IALOBILAYER® TECH

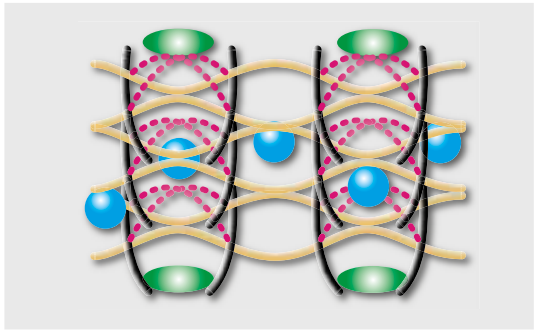
TECHNOLOGY THAT COMBINES VOLUMIZING CROSSLINKED HA WITH BIOSTIMULATING FREE HA

AGEX FILL excels in repairing specific imperfections, also ensuring a natural correction of wrinkles and volumes, restoring the firmness and tone of the skin. This is possible thanks to the innovative IALOBILAYER® technology, which uses crosslinked hyaluronic acid (HA) at different molecular weights alternating with non-crosslinked hyaluronic acid, at a variable percentage based on the type of product. In this way free hyaluronic acid is protected from degradation and is gradually released over time.

The hyaluronic acid used is an uncut monophasic gel with 1-2 micron particles; this induces a greater homogeneity in the gel and its better distribution in the tissues.
The studies conducted demonstrate how effective this technology is in stimulating the proliferation of fibroblasts in the human dermis, resulting in an increased production of collagen and elastin.



Layer of crosslinked HA alternating with native free HA



Free HA is protected from enzymatic degradation and slowly released

PRODUCTION PROCESS

Ialobilayer Tech uses a very pure pharmaceutical-grade sodium hyaluronate from bacterial fermentation that is slowly mixed at low-temperature and purified through a 24 hours dialysis, producing “soft-crosslinking”.

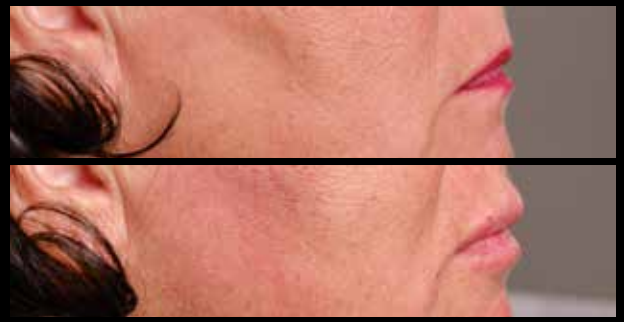
- Crosslink degree control
- Minimum bdde use
- Low residual bdde (lower than fillers of the same viscosity)
- Low risk of side effects and preserving the health of the skin
- Prevention of degradation of hyaluronic acid

MAIN BENEFITS

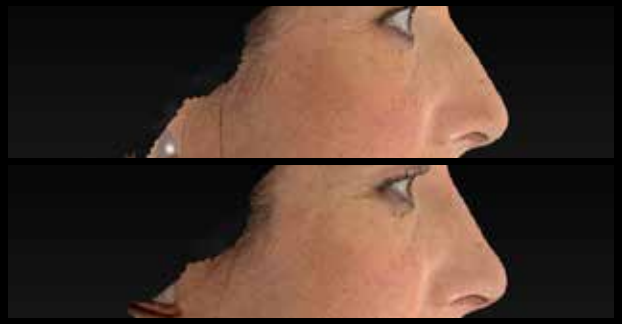
- Volumizing crosslinked HA + biostimulating free HA
- Raw material according to the highest quality standards
- Minimum BDDE levels
- High concentration of HA

TREATMENTS Before / After

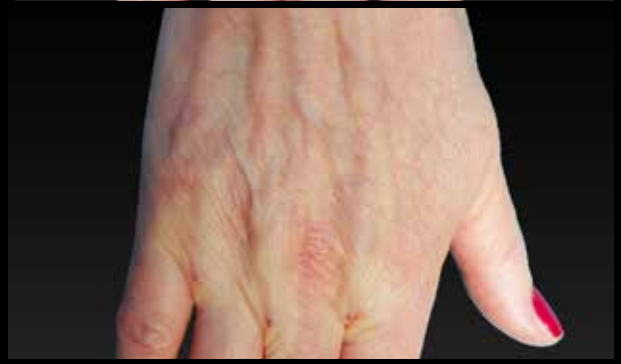
Lips



Nose



Hands



Neck

TREATMENT SPECIFICATIONS

- LIPS: 1 x 1 ml Agex Fill Volume
- NOSE: 1 x 1 ml Agex Fill Ultra
- HANDS: 1 x 1,1 ml Agex Fill
- NECK: 1 x 1,1 ml Agex Fill

AGEX*fill*

FEATURES

- REGENERATION
- ELASTICITY
- TISSUE REDENSIFICATION
- SOFTNESS AND FLEXIBILITY
- RECEPTIVE STIMULATION

Filler that has a biostimulating action allowing the complete rejuvenation of the skin. Restores elasticity, hydration and stimulates cell renewal.

Included in the packaging:
27 G x 37 mm cannula
26 G x 13 mm needle

Also compatible with:
27 G x 13 or 19 mm needles,
up to 30 G x 13 mm

PROTOCOL	2-3 treatments every 2-3 months
DURATION	2-3 months
COMPOSITION	Crosslinked hyaluronic acid + Linear hyaluronic acid
DOSAGE	1.1 ml
MOLECULAR WEIGHT	2 M Da + 1 M Da Crosslinked HA + 10% Linear HA 500,000 Da
INJECTION POINT	Dermis
CONCENTRATION	25 mg/ml
PACKAGING	3 pre-filled single-use syringe
CROSS-LINKING AGENT	Residual BDDE < 0,1 ppm
ELASTIC MODULUS G'	30 Pa
VISCOUS MODULUS G"	10 Pa

CROSSLINKING ◆◆◇◇◇

VOLUME ●○○○○

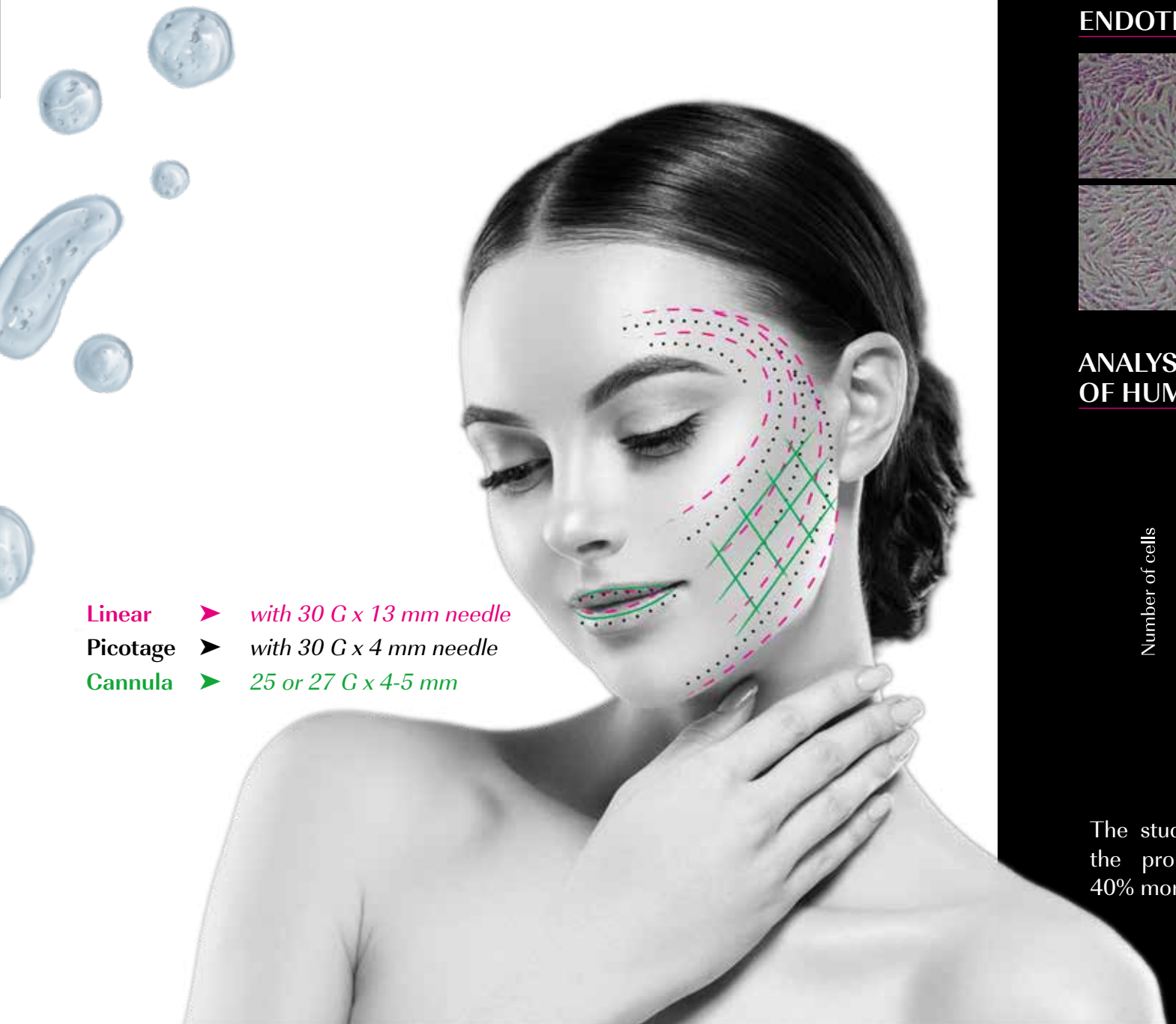
BIOSTIMULATION ●●●●●

- ➤ FACE
- ➤ NECK/ DÉCOLLETÉ
- ➤ BACK OF THE HANDS

VIDEO ON FILLER PROCEDURE

https://bit.ly/3LoVk3N

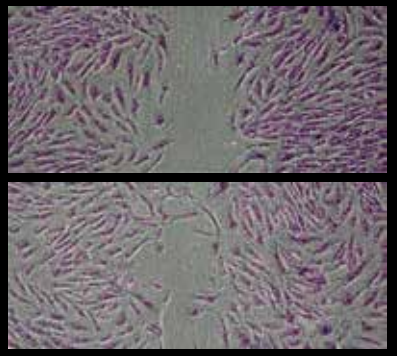
INJECTION TECHNIQUES



Linear ➤ *with 30 G x 13 mm needle*
Picotage ➤ *with 30 G x 4 mm needle*
Cannula ➤ *25 or 27 G x 4-5 mm*

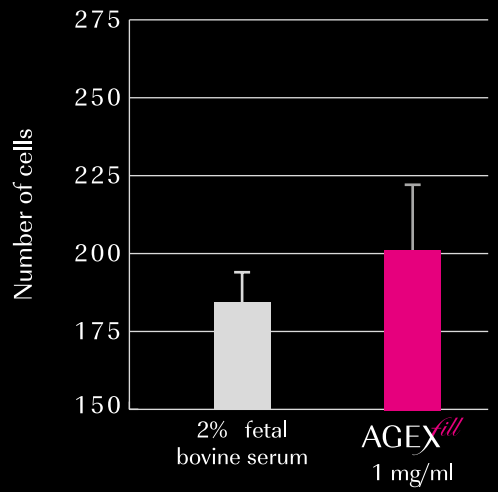
IN VITRO STUDIES

ENDOTELIAL MIGRATION



Evaluated by scratch test after 18 hours (stained with hematoxylin-eosin) on endotelial cells of the human dermis.

ANALYSIS OF THE PROLIFERATION OF HUMAN DERMAL FIBROBLASTS



The study demonstrates how Agex fill stimulates the proliferation of human dermal fibroblasts 40% more than fetal bovine serum.

AGEX fill VOLUME

FEATURES

- VOLUME
- PLUMPNESS
- RESTRUCTURING

Indicated to correct the average volumes of the face. It adapts to the individual morphology, respecting the naturalness of the traits.

Included in the packaging:
27 G x 13 mm needle
27 G x 19 mm needle

Also compatible with:
25 G x 38 mm / 50 mm cannula

DURATION	5/6 months
COMPOSITION	Crosslinked hyaluronic acid + Linear hyaluronic acid
DOSAGE	1 ml
MOLECULAR WEIGHT	2 M Da + 1 M Da Crosslinked HA + 8% Linear HA 1 M Da
INJECTION POINT	Hypodermis
CONCENTRATION	25 mg/ml
PACKAGING	1 pre-filled single-use syringe
CROSS-LINKING AGENT	Residual BDDE < 0,1 ppm
ELASTIC MODULUS G'	100 Pa
VISCOUS MODULUS G"	20 Pa

CROSSLINKING ◆◆◆◆◇

VOLUME ●●●○○

BIOSTIMULATION ●●●○○

- MEDIUM VOLUME RESTORATION
- CHEEKS
- ASYMMETRY CORRECTION
- MALAR REGION
- NASOLABIAL WRINKLES
- MEDIUM DEPTH MARIONETTE WRINKLES
- VOLUMETRIC LIP AUGMENTATION

VIDEO ON FILLER PROCEDURE

https://bit.ly/3y0aKbK

CLINICAL STUDY

Real-world outcomes of lip augmentation using a hyaluronic acid-based filler with low BDDE content: A prospective, open-label, multicenter, post-marketing study

Enrico Massidda, Sonia Ciampa, Ivano Iozzo, Enzo Emanuele, Piercarlo Minoretti

Cureus

FULL VERSION

https://bit.ly/3HKWnJt

Introduction

1,4-Butanediol diglycidyl ether (BDDE) is the most common cross-linker used to produce hyaluronic acid (HA)-based dermal fillers. However, BDDE may have cytotoxic and potentially mutagenic effects, raising safety concerns. Consequently, manufacturers are developing new HA filler formulations with reduced BDDE levels to mitigate potential biological risks.

Aim

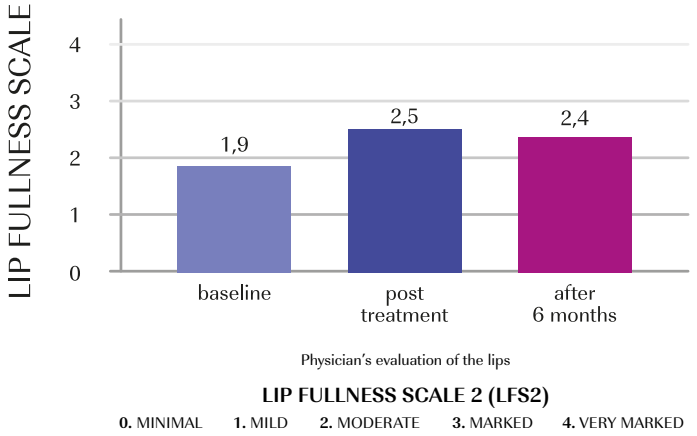
To evaluate the clinical outcomes of lip augmentation performed using a HA-based filler with a reduced BDDE content (Agex Fill Volume®) in a real-world clinical setting.

Results

Of the study participants, 73% (22/30) demonstrated an improvement of at least one point in their LFS2 scores post-treatment compared to baseline, thus qualifying as responders. **Six months later, the responder rate, based on LFS2 scores, remained steady at 66.7% (20/30).** Importantly, these aesthetic improvements were consistently associated with a positive impact on subject-reported HMS, with a significant difference ($p < 0.001$) between post-treatment and baseline scores. All adverse events reported after treatment were mild.

Conclusions

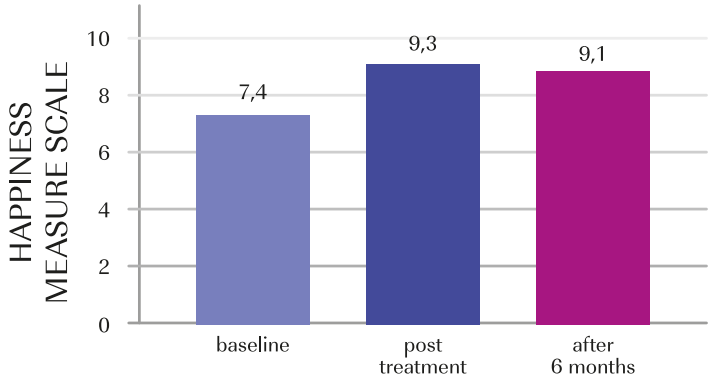
Agex Fill Volume®, a HA filler with low BDDE content, provides a safe and effective option for enhancing lip volume in real-world aesthetic settings.



Physician's evaluation of the lips

LIP FULLNESS SCALE 2 (LFS2)

0. MINIMAL **1.** MILD **2.** MODERATE **3.** MARKED **4.** VERY MARKED



Assessment of the patient's degree of happiness after treatment

HAPPINESS MEASURE SCALE

10. EXTREMELY HAPPY **9.** VERY HAPPY **8.** PRETTY HAPPY **7.** MILDLY HAPPY
6. SLIGHTLY HAPPY **5.** NEUTRAL **4.** SLIGHTLY UNHAPPY **3.** MILDLY UNHAPPY
2. PRETTY UNHAPPY **1.** VERY UNHAPPY **0.** EXTREMELY UNHAPPY

AGEX fill ULTRA

FEATURES

- RESTORATION OF DEEP VOLUMES
- CORRECTION OF DEEP SKIN SAGGING

Ideal for restoring the deep volumes of the face and correcting deep skin sags.

Included in the packaging:
25 G x 38 mm cannula
23 G x 19 mm needle

Also compatible with:
27 G x 13 mm needle

DURATION	5/6 months
COMPOSITION	Crosslinked hyaluronic acid + Linear hyaluronic acid
DOSAGE	1 ml
MOLECULAR WEIGHT	2 M Da + 1 M Da Crosslinked HA + 5% Linear HA 500.000 Da
INJECTION POINT	Hypodermis
CONCENTRATION	25 mg/ml
PACKAGING	1 pre-filled single-use syringe
CROSS-LINKING AGENT	Residual BDDE < 0,1 ppm
ELASTIC MODULUS G'	200 Pa
VISCOUS MODULUS G"	40 Pa

- RINOFILLER
- SEVERE NASOLABIAL FOLDS
- SEVERE MARIONETTE WRINKLES
- REDEFINITION OF MANDIBULAR CONTOURS
- MALAR REGION
- FRONTAL REGION
- ZYGOMATIC REGION
- TEMPORAL REGION
- MEDICAL MENTOPLASTY

CROSSLINKING ◆◆◆◆◆

VOLUME ●●●●●

BIOSTIMULATION ●●○○○

VIDEO ON FILLER PROCEDURE

https://bit.ly/4d01T8Q

IN VITRO STUDY

Human dermal fibroblast response to hyaluronic acid-based injectable dermal fillers: an in vitro study

Simona Varì, Piercarlo Minoretti, Enzo Emanuele

Advances in Dermatology and Allergology

Introduction

Hyaluronic acid (HA)-based injectable dermal fillers (IDFs) used in aesthetic procedures may increase fibroblast activity and ultimately improve subcutaneous tissue quality.

Aim

To further our understanding of fibroblast response to different commercial HA-based IDFs.

Results

All tested IDFs elicited a higher release of type I collagen in NHDF culture supernatants, although Juvederm Voluma was found to induce the most pronounced increase. Agex Fill Ultra induced the highest production of type III collagen and elastin. Levels of TGF-β1 and type I collagen in cell culture supernatants were positively correlated to each other ($r = 0.57$, $p < 0.05$). Conversely, 8-OHdG concentrations were inversely associated with both type III collagen ($r = –0.41$, $p < 0.05$) and elastin ($r = –0.46$, $p < 0.05$).

Table 1. Hyaluronic acid-based injectable dermal fillers tested in the study

Filler name	Company	HA concentration [mg/ml]	Cross-linker	Properties
Agex Fill Ultra	Biodue SpA	25	BDDE	Consists of Crosslinked and linear (5%) hyaluronic acid; low BDDE content (< 0.01 ppm)
Juvederm Voluma	Allergan	20	BDDE	Consists of Crosslinked hyaluronic acid (produced by Streptococcus equi) in physiologic buffer
Teosyal Ultra Deep	Teoxane SA	25	BDDE	Characterized by a high amount of Crosslinked HA with a high elastic modulus and high cohesivity
Belotero Intense	Merz	25.5	BDDE	Characterized by a high amount of Crosslinked HA; cohesive (monophasic) polydensified filler

Conclusions

Juvederm Voluma resulted in a high formation of type I collagen

AGEXFILL ULTRA stimulated the production of type III collagen and elastin

Teosyal Ultra Deep and Belotero Intense did not stand out in the stimulation of collagen and elastin

Of the fillers tested, **AGEXFILL ULTRA** proved to be the best in terms of safety, having the least oxidising and genotoxic potential, measured through the biomarker 8-OHdG (oxidative DNA damage)

Type I collagen is more plumping, but is at the same time denser, more fibrous and less elastic than type III collagen. Type III collagen is typical of young skin

With age, type III collagen tends to decrease in the skin while type I increases

Oxidative DNA damage may contribute to an increased deposition of type I collagen, ultimately resulting in fibrotic sequelae

AGEXFILL ULTRA stimulates an 'elastic' oriented phenotype, whereas Juvederm Voluma stimulates a 'fibrous' phenotype (as also shown by the increase in TGF-β1)

Our findings suggest that a low BDDE may favor the expression of type III collagen and elastin

AGEX *fluid*

It is based on collagen and hyaluronic acid which promotes skin tone, elasticity and hydration, reducing wrinkles and preventing their appearance.

RRP
IN ITALY
€ 42,00

- Skin ageing
- Skin dryness
- Supporting anti-ageing treatments (dermal fillers, lasers, peeling)

GLUTEN FREE

NATURALLY LACTOSE FREE

ORANGE FLAVOUR

(ALSO AVAILABLE WITH MARINE COLLAGEN)

ACTIVE SUBSTANCES

HYDROLYZED COLLAGEN (Verisol®)
Bovine collagen peptides obtained through an enzymatic hydrolysis process. They stimulate fibroblasts to synthesize new collagen and elastin and provide the essential amino acids for their synthesis. Improves skin elasticity and reduces wrinkles after 4 weeks.

HYALURONIC ACID
Obtained through bio-fermentation. Thanks to the high ability to recall and bind water, it improves skin hydration and tone.

ZINC GLUCONATE
It is involved in various skin processes, such as skin morphogenesis, repair mechanisms and skin ageing control.

COPPER GLUCONATE
It is involved in the activity of numerous enzymes. Among these we find lysyl oxidase, necessary for the cross-linking of collagen and elastin, and tyrosinase which catalyzes the synthesis of melanin.

BIOTIN
It plays a role in the synthesis of fatty acids, fundamental for skin health.

FREQUENCY OF USE

It is recommended to take one vial a day. Do not exceed the recommended daily dose. Shake well before use.

COMPOSITION

WATER, HYDROLYZED COLLAGEN (VERISOL®), FRUCTOSE, SODIUM HYALURONATE, PRESERVATIVE: POTASSIUM SORBATE, NATURAL ORANGE FLAVOUR, ZINC GLUCONATE, COPPER GLUCONATE, BIOTIN, ACIDITY REGULATOR: CITRIC ACID.

NUTRITIONAL INFORMATION

	for 1 vial	*%RNV for vial
Hydrolyzed collagen	4 g	
Sodium hyaluronate	136 mg	
Zinc	1,5 mg	15%
Copper	0,15 mg	15%
Biotin	50 µg	100%

*%RNV = percentage reference nutritional value (EU Reg. 1169/2011)

EXTRACT FROM CLINICAL STUDY ON VERISOL®

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

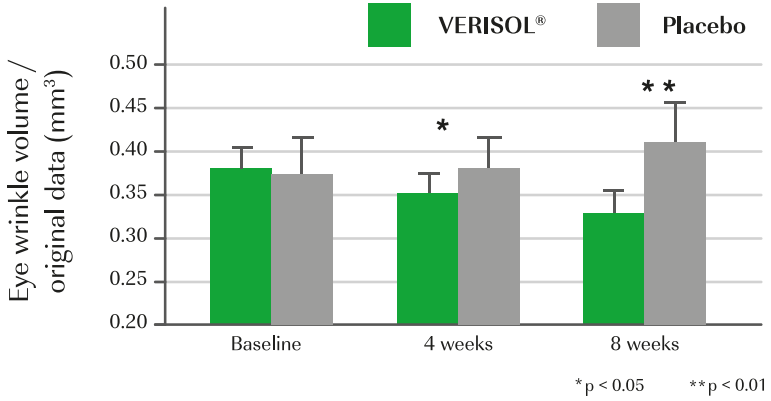
Materials and Methods

114 healthy female subjects, (aged 45-65) were randomized to receive 2.5 g of VERISOL® or placebo, once daily for 8 weeks.

Results

The ingestion of hydrolized collagen promoted a statistically significant reduction of eye wrinkle volume in comparison to the placebo group after 4 and 8 weeks (20%) of intake *(Fig. 1 a,b)*.
After 8 weeks of intake a statistically significantly higher content of procollagen type I (65%) and elastin (18%) *(Fig. 2)*.

Fig. 1 a



WRINKLE ATTENUATION

-20.1%

after 8 weeks

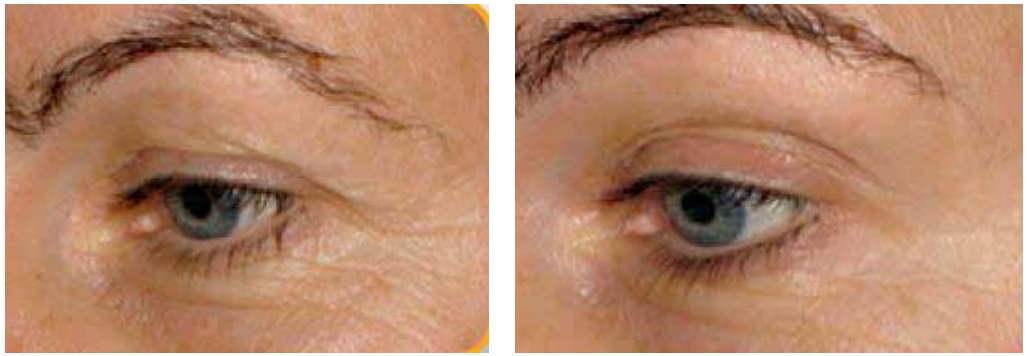
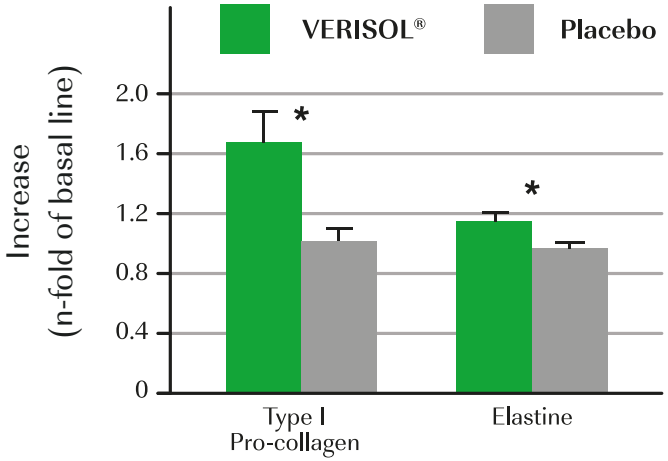


Fig. 1 b

Fig. 2



+65%

PRO-COLLAGEN

+18%

ELASTIN

AGEX SERUM SPOT

RRP
IN ITALY
€ 40,00

Specific serum for the treatment of the main skin hyperpigmentations. It contains a high concentration of active ingredients with depigmenting action. It can be used alone in the easier-to-treat hyperchromias or in combination with dermatological treatments (peeling, laser...) in the more complex ones.

DERMATOLOGICALLY TESTED
NICKEL TESTED

- Sunspots
- Melasma
- Post-inflammatory hyperpigmentations
- Senile spots, in combination with depigmenting treatments

ACTIVE SUBSTANCES

3% TRANEXAMIC ACID
It prevents the binding of plasminogen to keratinocytes, reducing the formation of prostaglandins and other melanogenic factors and consequently reducing the production of melanin and the inflammatory response.

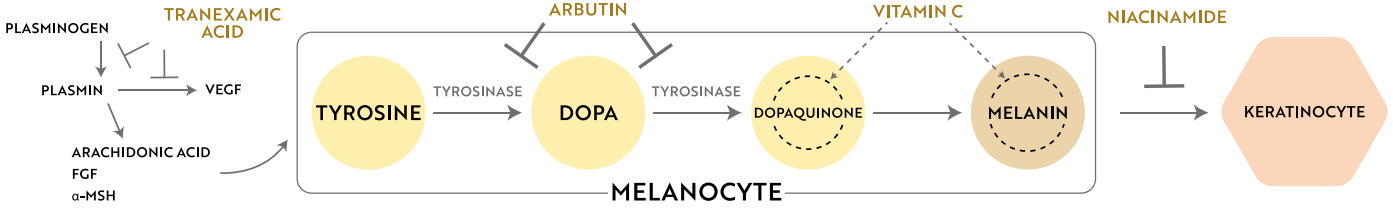
ARBUTINE
Reduces the melanin content through dose-dependent reduction of tyrosinase activity in melanocytes.

NIACINAMIDE
Reduces hyperpigmentation by inhibiting the transfer of melanosomes from melanocytes to keratinocytes. Prevents the occurrence of damage caused by chronic exposure.

ASCORBYL GLUCOSIDE
Vitamin C stabilized through reaction with a glucose molecule, in such a way as to guarantee protection from oxidation and preserve the antioxidant activity of vitamin C. Vitamin C interacts with copper ions in the active site of tyrosinase, inhibiting the activity of the enzyme and reducing the formation of melanin. In addition, it reduces the pigment of melanin, promoting the brightness of the face.

INSTRUCTIONS FOR USE
The serum is intended for every day use, preferably both in the morning and evening. Apply 4/6 drops of serum on the face and massage in. When used in the morning, it is advised to follow up with a proper sun screen and to avoid sun exposure.

INGREDIENTS
AQUA, NIACINAMIDE, GLYCERIN, TRANEXAMIC ACID, ARBUTIN, ASCORBYL GLUCOSIDE, POLYSORBATE 20, XANTHAN GUM, DISODIUM EDTA, CHLORPHENESIN, SODIUM HYDROXIDE, SODIUM DEHYDROACETATE, PARFUM.



EXTRACT FROM CLINICAL STUDY (in progress)

Observational study on the use of Agex depigmenting Serum Spot combined with Q-switched laser for the treatment of melasma

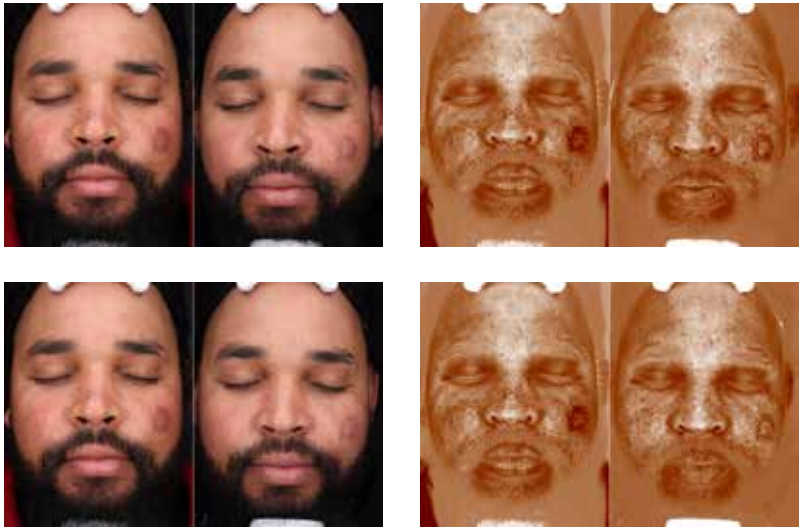
Dr. G. Scarcella

Protocol

The protocol involved treatment with Q-Switched laser sessions (a minimum of 3 sessions to a maximum of 6) at 3/5 week intervals.

Between sessions, application of Agex Serum Spot twice a day.

PATIENT D: Melasma forehead and upper lip skin. Photographs taken with CANFIELD's CanfieldVISIA Facial Imaging System (polarised VISIA, UV spots and brown spots). Before treatment and after the third laser session.



PATIENT F: Post-inflammatory hyperchromia of a probable melasma of the skin of the nasal dorsum and left cheekbone. VISIA photos (spots and brown spots). Before and after two laser sessions. Before and 1 month after the fourth laser session.

AGEX BLUE SHIELD

RRP
IN ITALY
€ 55,00

Agex Blue Shield is a fast absorbing cream gel. The formula is enriched by precious components that cooperate towards the reduction of age marks. This cream specifically acts on expression wrinkles and protects the skin against damage from natural and blue light (UV and IR).

- Skin ageing prevention and treatment
- Expression lines
- Prevention of skin ageing induced by blue light

DERMATOLOGICALLY TESTED
ON SENSITIVE SKINS

NON PHOTOSENSITIZING

NICKEL TESTED

ACTIVE SUBSTANCES

ACETYL HEXAPEPTIDE-8 (Argireline® Amplified)
Its activity is similar to the one of botulinum toxin, but without side effects. It inhibits the activity of the presynaptic neuron and consequently the muscle contraction, inducing a relaxation of the facial mimic muscles and the relaxation of expression lines.

MICROENCAPSULATED RETINOL
Acting on cell regeneration systems, it improves the skin barrier and reduces TEWL. It stimulates the synthesis of collagen, elastin and hyaluronic acid and inhibits their degradation. The microencapsulation in shells of natural biopolymers guarantees the stability and effectiveness of retinol.

LOW MOLECULAR WEIGHT HYALURONIC ACID
Thanks to the low molecular weight it manages to penetrate into the deepest layers of the skin, where it attracts and binds water, improving skin hydration and making the skin more toned.

SWEET ALMOND OIL
Rebalances the hydrolipidic content of the skin. It has emollient, nourishing and elasticising properties.

COPPER TRIPEPTIDE-1
Promotes cell regeneration, increasing the production of components of the dermal matrix such as collagen and elastin.

SOLAR FILTERS AND BLUE LIGHT (Lumicease®)
Prevents and reduces the signs of photoaging caused by natural light and the blue light of electronic devices.

INSTRUCTIONS FOR USE

Apply in the morning after facial cleansing.

INGREDIENTS

AQUA, GLYCERIN, DICAPRYLYL CARBONATE, PRUNUS AMYGDALUS DULCIS OIL, GLYCINE SOJA OIL, HYDROLYZED PEA PROTEIN, HYDROLYZED WHEAT PROTEIN, HYDROGENATED PHOSPHATIDYLCHOLINE, COPPER TRIPEPTIDE-1, ACETYL HEXAPEPTIDE-8, RETINOL, SODIUM HYALURONATE, BENZOPHENONE-4, SORBITAN OLEATE, SODIUM OLEATE, CHITOSAN, CARBOMER, TOCOPHERYL ACETATE, SODIUM SUCCINATE, SODIUM CHLORIDE, GLUCOSE, CELLULOSE GUM, ACRYLATES/C 10-30 ALKYL ACRYLATE CROSSPOLYMER, GLYCOLIC ACID, SODIUM HYDROXIDE, POLYSORBATE 20, BENZYL ALCOHOL, GLYCERIL CAPRYLATE, GLYCERYL UNDECYLENATE, PARFUM.

BIBLIOGRAPHIC EVIDENCE

LUMICEASE®

Efficacy test: protection against blue light

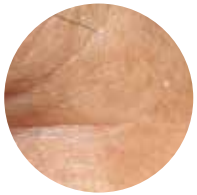
Materials and Methods

20 female volunteers (35-55 years old); Cream containing 2% Lumicease™ and placebo cream, half face

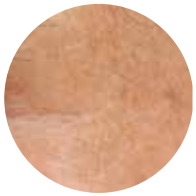
Protocol

Twice a day; 28 days avoiding sun exposure (Lumicease) + 56 days of solar and artificial blue light exposure (skin protection and repair)

PROTECTION AGAINST BLUE LIGHT



day 0



day 56

-21,5%
WRINKLE VOLUME

-13,2%
SKIN ROUGHNESS

ARGIRELINE®

Efficacy test: wrinkles and roughness reduction

Materials and Methods

41 female volunteers (35-59 years old); Cream containing 2% Argireline® Amplified peptide solution and placebo cream, half face

Protocol

Twice a day 28 days

REDUCTION OF EXPRESSION WRINKLES

+7,2%
ELASTICITY
after 5 days

+6,7%
SKIN LUMINOSITY
after 5 days

-12,5%
FINE LINES
after 14 days

Bionativa S.p.A.
Via Raffaello 15
Loc. Sambuca Val di Pesa
50028, Barberino Tavarnelle (FI)
ITALY
bionativa.net

AGEX

by PHARCOS

FEEL NATURAL BEAUTY

agexbeauty.com

Bionativa

OTORHINOLARYNGOLOGY
GASTROENTEROLOGY
PEDIATRICS
GYNECOLOGY
PROCTOLOGY

I.P. FARMA

Fitopreparatori Italiani®

Bionativa

MADE IN ITALY, INSPIRING GLOBALLY

Originating from Biodue SpA's Own Brands Division, Bionativa continues its legacy of innovation in medical devices, cosmetics and dietary supplements, rooted in Tuscany's research and production excellence.

PHARCOS

AGEX by PHARCOS

Fitopreparatori Italiani®

BIOFTA

RIVER PHARMA

I.P. FARMA

EFFECTIVE AND SAFE PRODUCTS THROUGH SCIENTIFIC RESEARCH

In **Bionativa**, continuous innovation in product development is supported by scientific research in collaboration with leading research institutions. This approach allows us to create state of the art products focused on achieving effective outcomes, utilizing raw materials of the highest quality and meticulous processes.

- *380+ Products*
- *120+ Product brands, active ingredients and technologies*
- *10 Patents registered globally*
- *30+ R&D Projects annually*
- *40+ Scientific studies with 2,000+ participants*

OUR BRANDS

Bionativa unites leading brands in the Health & Beauty sectors under one corporate ethos, focused on the specifics of each area while sharing a common mission: to value professional advice in a constantly evolving market.

PHARCOS · *Dermatology and Cosmetics*
AGEX · *Aesthetic Medicine*
FITOPREPARATORI ITALIANI · *Proctology and Gastroenterology*
BIOFTA · *Ophthalmology*
RIVER PHARMA · *Orthopedics, Neurology*
IP FARMA · *Otorhinolaryngology, Gynecology, Pediatrics, Urology, Pneumology and General Surgery*

Fitopreparatori Italiani®

In the field of natural phytotherapeutic and nutraceutical supplements and natural cosmetics, Fitopreparatori Italiani is a brand guaranteeing quality, efficacy, and safety. Its mission is to elevate natural products to a higher level of therapeutic efficacy while supporting professionals through targeted training pathways.

I.P. FARMA

IP Farma specializes in marketing medical devices, cosmetic products and dietary supplements across multiple general and specialized medical sectors: Otorhinolaryngology, Gynecology, Urology, Pediatrics, and General Surgery.

ESPERSOL VIALS

Nebulizing solution based on sea water and hyaluronic acid with a soothing and fluidifying action for the treatment of colds, rhinitis and sinusitis.

MEDICAL DEVICE CLASS IIA

20 x 5 ml single-dose vials

RRP in Italy:
€ 16.00

BIBLIOGRAPHIC EVIDENCE

ISOTONIC SOLUTION

PRESERVATIVE FREE

ALSO FOR CHILDREN

FOR AEROSOL THERAPY AND NASAL WASHES

- **Rhinitis, allergic rhinitis, sinusitis**
- **Washing and cleaning the nasal cavities**
- **Nasopharyngeal disorders with congestion and mucociliary clearance alteration**

ACTIVE SUBSTANCES

HIGH MOLECULAR WEIGHT HYALURONIC ACID *(vegetable origin)*

Obtained by bio-fermentation of a plant substrate. it creates a barrier effect against the spread of toxins, foreign bodies and microorganisms. It moisturizes mucous membranes and stimulates mucociliary clearance.

SEA WATER

Fluidifies secretions, promoting the elimination of mucus.

DOSAGE

Remove a single-dose vial and gently open it by turning the cap until its removal. Tilt the head, gently insert the nozzle of the vial into the nostril and press lightly. After a few seconds, blow your nose or, if necessary, use a nasal aspirator to remove any secretions Repeat for the other nostril after tilting the head on the other side. In case of partial use of the single-dose vial, close the vial again by using the appropriate cap (upside down) and store in the refrigerator. In any case, use the remaining product within 24 hours after first opening.

FREQUENCY AND DURATION OF USE

For a correct use it is advisable:

- In infants, to instill a few drops in each nostril several times during the day.
- In children older than 12 months, perform a complete washing with 1 vial once a day
- In adults, carry out complete washes with 1 vial twice a day.

The duration of use depends on the evolution of symptoms and if necessary it can be used even for prolonged periods following the advice of your doctor.

COMPOSITION

WATER, SEA WATER, SODIUM HYALURONATE, SODIUM CHLORIDE, POTASSIUM MONOBASIC PHOSPHATE AND POTASSIUM DIBASIC PHOSPHATE.

Preserves the hydration of the nasal cavities

NATURMAR VIALS

Nebulizing solution based on sea water and hyaluronic acid with a soothing and fluidifying action for the treatment of colds, rhinitis and sinusitis.

MEDICAL DEVICE CLASS IIA

20 x 5 ml single-dose vials

RRP in Italy:
€ 14.90

BIBLIOGRAPHIC EVIDENCE

HYPERTONIC SOLUTION

PRESERVATIVE FREE
ALSO FOR CHILDREN
FOR AEROSOL THERAPY AND NASAL WASHES

- Rhinitis, allergic rhinitis, sinusitis
- Washing and cleaning the nasal cavities
- Nasopharyngeal disorders with congestion and mucociliary clearance alteration

ACTIVE SUBSTANCES

HIGH MOLECULAR WEIGHT HYALURONIC ACID *(vegetable origin)*

Obtained by bio-fermentation of a plant substrate. it creates a barrier effect against the spread of toxins, foreign bodies and microorganisms. It moisturizes mucous membranes and stimulates mucociliary clearance.

SEA WATER

Fluidifies secretions, promoting the elimination of mucus.

DOSAGE

Remove a single-dose vial and gently open it by turning the cap until its removal. Tilt the head, gently insert the nozzle of the vial into the nostril and press lightly. After a few seconds, blow your nose or, if necessary, use a nasal aspirator to remove any secretions Repeat for the other nostril after tilting the head on the other side. In case of partial use of the single-dose vial, close the vial again by using the appropriate cap (upside down) and store in the refrigerator. In any case, use the remaining product within 24 hours after first opening.

FREQUENCY AND DURATION OF USE

For a correct use it is advisable:

- In infants, to instill a few drops in each nostril several times during the day.
- In children older than 12 months, perform a complete washing with 1 vial once a day
- In adults, carry out complete washes with 1 vial twice a day.

The duration of use depends on the evolution of symptoms and if necessary it can be used even for prolonged periods following the advice of your doctor.

COMPOSITION

WATER, SEA WATER, VEGETALIALO® SODIUM HYALURONATE, MONOBASIC POTASSIUM PHOSPHATE AND DIBASIC POTASSIUM PHOSPHATE.
NO PRESERVATIVE

Preserves the hydration of the nasal cavities

ESPERSOL SPRAY NASALE

Hypertonic nasal solution based on sea water and hyaluronic acid to protects and restores the normal conditions physiological mucous membranes of the respiratory tract.

MEDICAL DEVICE CLASS IIA

100 ml spray

RRP in Italy:
€ 14.00

CLINICAL STUDY

HYPERTONIC SOLUTION

BAG ON VALVE TECHNOLOGY WITH AIR AS PROPELLANT

PRESERVATIVES FREE

- Rhinitis allergic rhinitis sinusitis
- Washing and cleaning the nasal cavities
- Nasopharyngeal disorders such as congestion and mucociliary clearance alteration
- Post-operative
- Maintenance therapy following cortisone use

ACTIVE SUBSTANCES

HIGH MOLECULAR WEIGHT HYALURONIC ACID *(of vegetable origin)*

Obtained by bio-fermentation of a plant substrate. it creates a barrier effect against the spread of toxins, foreign bodies and microorganisms. It moisturizes mucous membranes and stimulates mucociliary clearance.

SEA WATER

Fluidifies secretions, promoting the elimination of mucus.

DOSAGE

Remove the cap, gently introduce the nozzle into the nostril, recline the head to one side and press the dispenser. Repeat for the other nostril.

FREQUENCY AND DURATION OF USE

For a correct use we recommend:
- In children 1-2 sprays 2-3 times a day.
- In adults 2-3 sprays up to 4 times a day.

The duration of therapy depends on the evolution of the symptoms and if necessary it can be used even for prolonged periods under advice of your doctor.

INGREDIENTS

WATER, SEA WATER, SODIUM HYALURONATE, SODIUM CHLORIDE, MONOBASIC POTASSIUM PHOSPHATE AND DIBASIC POTASSIUM PHOSPHATE.

Effective in the treatment of cold, sinus symptoms and allergic rhinitis

Efficacy of espersol nasal spray in the treatment of cold and sinus symptoms and allergic rhinitis

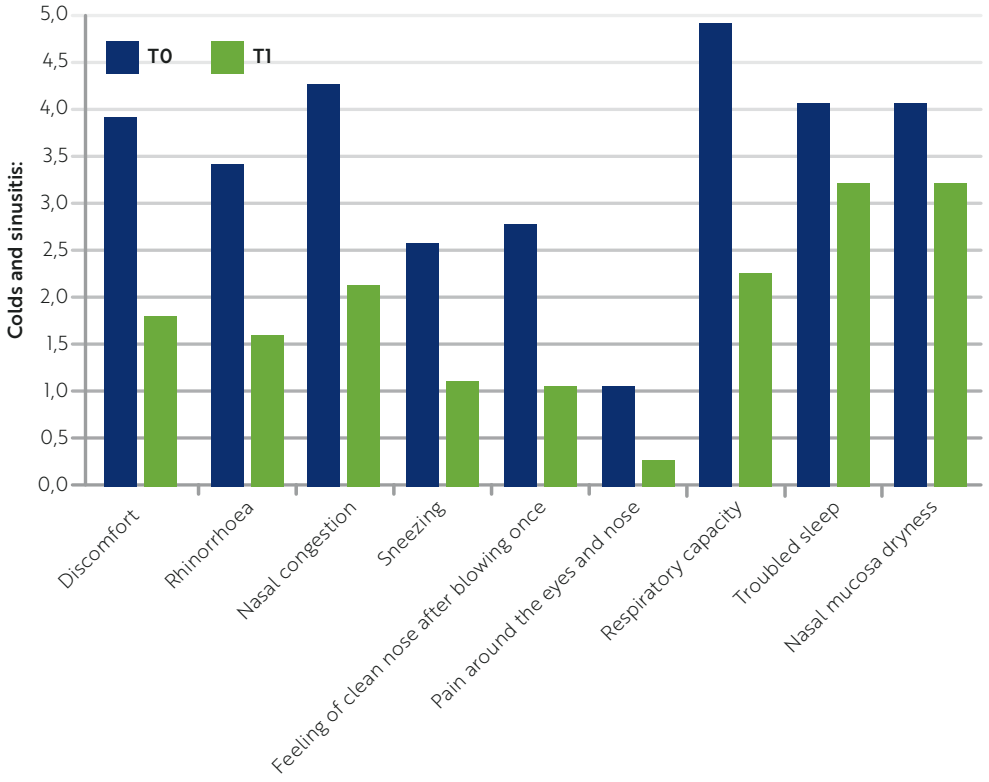
MATERIALS AND METHODS

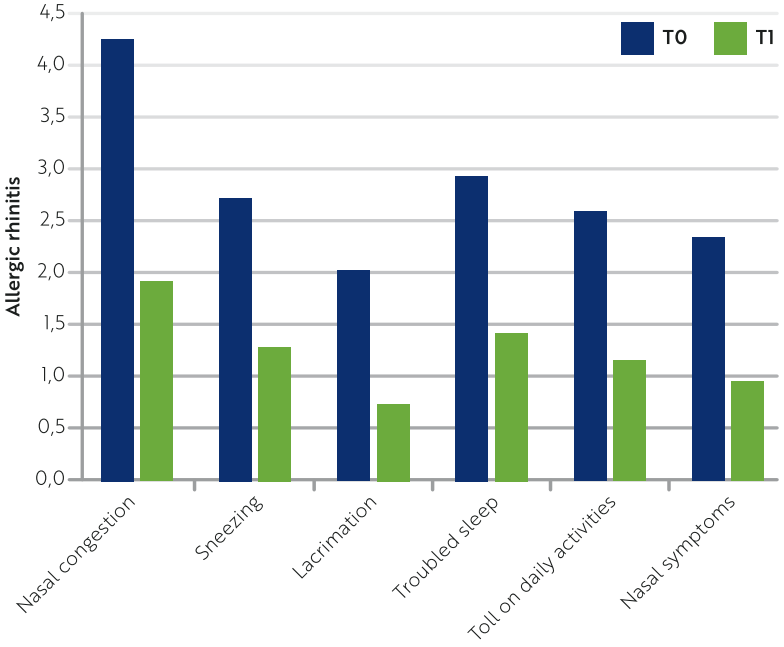
15 patients aged 13-64 years.
Assessment of health status using a 0-7 point score scale (0=no symptoms, 7=severe symptoms) at the beginning of the study (T0) and after 10 days of treatment (T1).

TREATMENT

2-3 sprays up to 4 times a day.

RESULTS





FITOIALO SPRAY

Nasal spray with seawater and hyaluronic acid, helps to treat cold and sinus symptoms.

MEDICAL DEVICE CLASS IIA

50 ml bottle

RRP in Italy:
€ 12.50

BIBLIOGRAPHIC EVIDENCE

GLUTEN-FREE

SUITABLE FOR CHILDREN FROM THREE YEARS OF AGE

GENTLE SPRAY

NO BURNING

NO PROPELLANTS, PEGS OR ALCOHOL

- Colds and sinusitis
- Protects and hydrates nasal mucosa
- Restores normal nasal conditions

ACTIVE SUBSTANCES

THYMUS SERPYLLUM
Selective expectorant and antibacterial activity on staphylococcus aureus and pseudomonas aeruginosa

GRAPEFRUIT SEED
Antibacterial and antiviral activity, effective for colds and sinusitis of viral and bacterial nature.

DROSERA
Bronchial activity as spasmolytic, antibacterial and anti-inflammatory

ECHINACEA
Stimulates immune defenses

SEAWATER
Decongestant action, promotes production of mucus

HIGH MOLECULAR WEIGHT HYALURONIC ACID *(plant origin)*
Creates a barrier against the spread of toxins, microorganisms and foreign bodies. Hydrates the mucosa and stimulates mucociliary clearance.

DIRECTIONS FOR USE
As needed, remove the protective cap, and after gently blowing your nose, insert the nozzle into one nostril and spray 1-2 times, do the same in the other nostril. Application can be repeated 4-5 times throughout the day.

COMPOSITION
SEAWATER, SODIUM HYALURONATE, GRAPEFRUIT SEED GLYCERIC EXTRACT, ECHINACEA HYDROGLYCERIC EXTRACT, SUNDEW HYDROGLYCERIC EXTRACT, THYME SERPYLLUM HYDROGLYCERIC EXTRACT, DIBASIC POTASSIUM PHOSPHATE, MONOBASIC POTASSIUM PHOSPHATE, SODIUM CHLORIDE, WATER.

with APF technology: no preservatives needed

FITOPROCT RECTAL CREAM

Adjuvant cream in the treatment of hemorrhoidal conditions, helps to soothe symptoms of itching and burning.

MEDICAL DEVICE CLASS IIA

Tube 50 ml + 1 applicator

RRP in Italy:
€ 12.50

BIBLIOGRAPHIC EVIDENCE

PEG, PARABEN, PHENOXYETHANOL, EDTA AND PARAFFIN-FREE

- Hemorrhoids
- Fissures

ACTIVE SUBSTANCES

PROCTORESOLVE™

Exclusive plant-based complex of polysaccharides from Aloe Vera, polyphenols from Olive Oil, tannins from Chestnut.

HIGH MOLECULAR WEIGHT POLYSACCHARIDES from
Organic aloe vera: soothing, film-forming action

POLYPHENOLS from
Organic olive oil: reduces swelling
Tannin-titrated chestnut: relieves pain by reducing fiber sensitivity

COLD-PRESSED HYPERICUM OIL

Has an anti-inflammatory effect, inhibiting the release of key inflammation mediators. Soothes itching, pain and burning

SWEET ALMOND OIL

Emollient action that helps soothe itching.

HIGH MOLECULAR WEIGHT HYALURONIC ACID *(plant origin)*

High molecular weight allows a protective barrier to be formed at the level of the anal mucosa, accelerating repair and healing processes.

USE

Apply the cream as needed, whenever possible after each evacuation (after delicate but thorough washing). To prevent irritation from rubbing, the treatment can be applied before evacuation, remembering to reapply the product afterwards.
The cream can be applied with or without the applicator.
Application can be repeated several times a day, even for prolonged periods.

COMPOSITION

PROCTORESOLVE (PLANT-BASED COMPLEX OF POLYSACCHARIDES FROM ALOE VERA*, POLYPHENOLS FROM OLIVE OIL*, TANNINS FROM CHESTNUT), VEGETAIALO (PLANT-DERIVED HYALURONIC ACID), HYPERICUM OIL AND SWEET ALMOND OIL, TETRASODIUM GLUTAMATE DIACETATE. BENZYL ALCOHOL, GLYCERYL CAPRYLATE, GLYCERYL UNDECYLENATE, SODIUM HYDRATE, VITAMIN E ACETATE, GLYCERIN, CARBOMER POLYGLYCERYL-3 RICE BRANATE, WATER.
*FROM ORGANIC FARMING

Active ingredients of plant origin

DECONPROCT SUPPOSITORIES

Useful for the treatment of the anal-rectal canal with soothing and emollient effect. Deconproct is indicated for improving the sensation of discomfort resulting from hemorrhoid plexus disorders: hemorrhoids, fissures and proctitis, providing valuable support for proctological therapies. It has a decongestant, soothing/lubricating and emollient action, relieving irritation, burning and anal itching and allowing the patient to excrete pain-free (a problem usually present in hemorrhoid plexus disorders).

MD CLASS IIA

10 suppositories 2 g

RRP in Italy:
€ 16.00

CLINICAL STUDY

SMALL SIZE

- Rhagades
- Proctitis
- Hemorrhoids

ACTIVE SUBSTANCES

CALENDULA EXTRACT
Has important soothing properties that are useful for reducing pain and inflammation of the anorectal canal and promoting its healing.

MALLOW
Acts as an anti-inflammatory, soothing and healing agent on the perianal mucosa.

VITAMIN E
Powerful antioxidant, promotes tissue repair and strengthens the skin barrier.

ASIATIC CENTELLA
Contains triterpenes that stimulate the production of new collagen fibers inside the wall of the blood vessels, making them more elastic and tonic. Improves vascular permeability, alleviating the symptoms of venous insufficiency.

HOW TO USE
The recommended dose is one suppository per day, preferably in the evening before going to bed.

INGREDIENTS
SEMISYNTHETIC GLYCERIDES, FAT-SOLUBLE CENTELLA EXTRACT, FAT-SOLUBLE CALENDULA EXTRACT, FAT-SOLUBLE MALLOW EXTRACT, STEARYL GLYCYRRHETINATE, TOCOPHERYL ACETATE (VITAMIN E), TERPINEN-4-OL.

Effective in the treatment of haemorrhoids in 10 days

Efficacy of Deconproct suppositories in the treatment of haemorrhoids

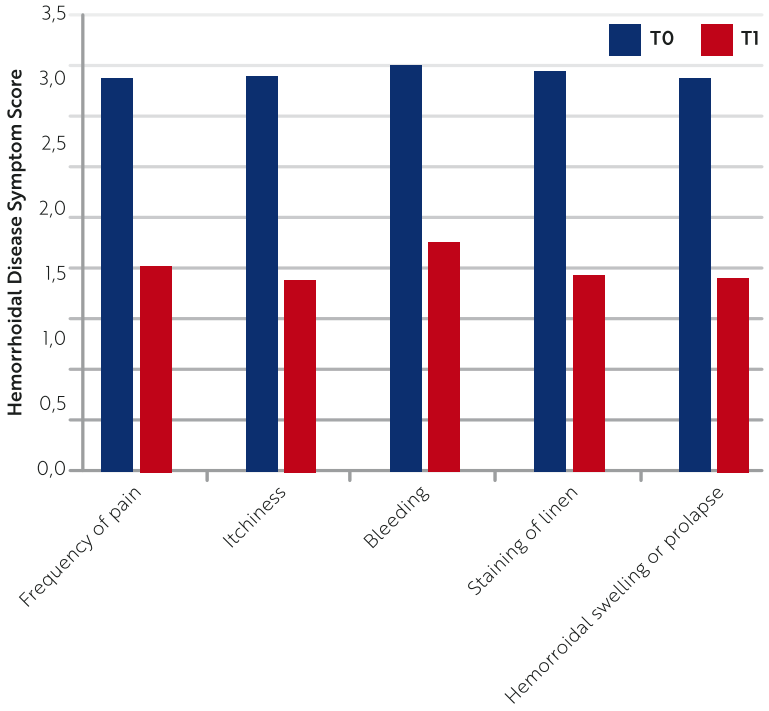
MATERIALS AND METHODS

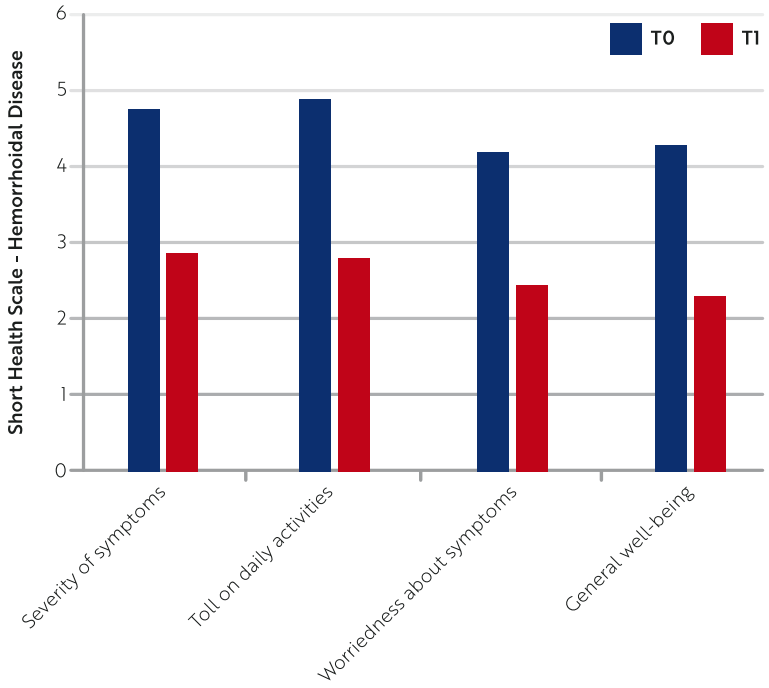
30 patients aged between 37 and 81 years.
The patients were assessed by means of the "Hemorrhoidal disease symptom score" (assessment of the frequency of symptoms caused by haemorrhoids) and the "Short health scale-hemorrhoidal disease (SHS-HD)" (assessment of subjective health and quality of life, measured on a 7-point scale where 1 stands for "no symptoms" and 7 for "severe symptoms").

TREATMENT

1 suppository in the evening for 10 days

RESULTS





DECOVAGIN OVULES

It is an adjuvant in the treatment and prevention of vaginal mucosa diseases due to bacteria (as vulvovaginitis) or to fungal infections (such as Candida).

MEDICAL DEVICE CLASS IIA

10 x 2g vaginal ovules

RRP in Italy:
€ 19.00

IN VITRO STUDY ON CANDYRESOLVE

FOR TREATMENT AND PREVENTION OF VAGINAL MUCOSA DISEASES

- Vaginal burning itching and redness
- Bacterial or fungal infections (in combination with drug)
- Preventive treatment in patients with frequent infection.

ACTIVE SUBSTANCES

CANDIRESOLVE

Herbal complex based on polysaccharides from Aloe Vera, Sage Essential Oils, Tea Tree oil (30% terpinen-4-olo) and Grapefruit seed extract (2% naringin).
The anti candida activity is tested in vitro against three strains of Candida.

DOSAGE

Treatment: 1 ovule per day, in the evening, before going to bed lying down, for at least 10 consecutive days. Associate a vaginal washing in the morning in order to rebalance the vaginal flora.
Prevention: Cyclically 1 ovule per day, in the evening before going to bed lying down, for at least 10 consecutive days.

COMPOSITION

POLYSACCHARIDES FROM ALOE VERA, ESSENTIAL OILS OF SAGE, TEA TREE OIL AND GRAPEFRUIT EXTRACT SEEDS, LACTIC ACID, MIXTURE OF TRIGLYCERIDES.

Effective in reducing signs and symptoms of bacterial or fungal infection

Very effective on different Candida spp. strains

In vitro anti Candida spp. activity of a proprietary complex containing sage oil, grapefruit seed, aloe gel and tea tree oil (CANDIResolve®)

Prof. M. Biagi

FULL STUDY
https://bit.ly/3WdePSa

RESULTS

Figure 1, 2 and 3 show the activity of CANDIResolve® Candida spp. strains. Images show the effectiveness of CANDIResolve® against all the three tested Candida spp. strains. Triplicates produced no statistical differences.
In Table 1 inhibition diameters were reported.

STRAIN	INHIBITION DIAMETER (MM) (AVERAGE OF TRIPLICATES)
C. albicans ATCC	25,3
C. parapsilosis ATCC	25,4
C. krusei ATCC	20,4

Table 1: Inhibition diameter on Candida spp. caused by the gel.

CONCLUSIONS

The proprietary natural complex containing sage soft extract, grapefruit seed extract and tea tree oil resulted very effective on different Candida spp. strains.

Fig. 1, Activity of Candiresolve® against Candida albicans

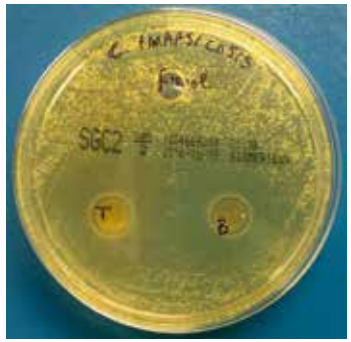


Fig. 2, Activity of Candiresolve® against Candida parapsilosis

Fig. 3, Activity of Candiresolve® against Candida krusei

Efficacy of decovagin ovules in the treatment of vaginal mucosal disorders of bacterial or fungal origin

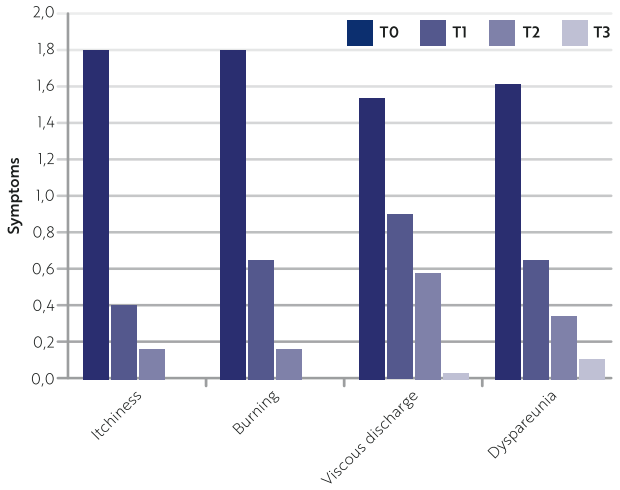
MATERIALS AND METHODS

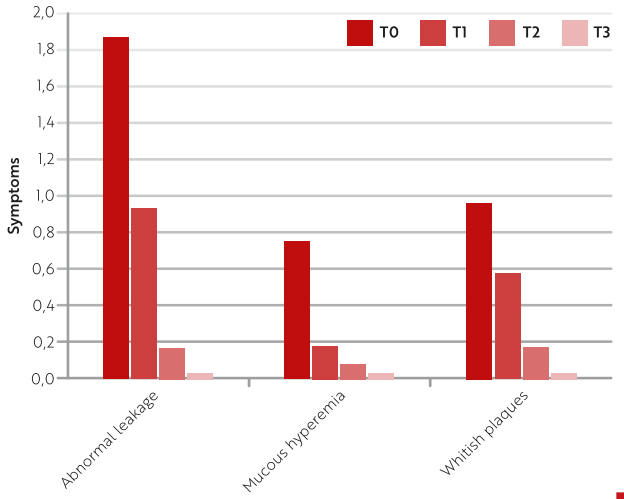
27 patients aged between 17 and 65 years
The evaluation was done by means of the "Evaluation of clinical signs and symptoms of the vaginal disease", which allows a score from 1 to 4 to be assigned to signs and symptoms of infection.

TREATMENT

1 ovum in the evening for 10 days.
VISITS: before starting treatment (T0), at the end of treatment (T1 - day 10), follow-up at day 20 and day 30.

RESULTS





DECOVAGIN GEL

It is is an adjuvant in the treatment of vaginal disorders due to dryness and iritation of vaginal mucosa.

MEDICAL DEVICE CLASS II A

40 ml gel + 6 cannulas

RRP in Italy:
€ 18.00

NO STAINS ON CLOTHING

FREE FROM
COLORANT, PARFUME, PARABENS, PHENOXYETHANOL, SLS, SLES, PEG

Vaginal disorders:

- Redness
- Itching
- Burning
- Dryness

ACTIVE SUBSTANCES

HIGH MOLECULAR WEIGHT HYALURONIC ACID *(vegetable origin)*

Obtained through a patented fermentation process starting from a lactic acid bacterium on a vegetable substrate. It keeps the tissue elastic and promotes cell renewal and rejuvenation, thanks to its high capacity of hydration.

ALOE

Creates a protective barrier on vaginal mucosa which gives immediate relief with deep soothing and lubrificating actions.

GRAPE FRUIT SEED, SAGE

Antinflammatory and antibacterial activity.

LACTIC ACID

Contributes to the preservation and stabilization of the physiological pH.

DOSAGE

Recommended one application per day for 6 days, changing applicator every time. Treatment can be prolonged according to the needs and / or advice of the pharmacist.

INGREDIENTS

ALOE BARBADENSIS, GRAPEFRUIT SEED DRY EXTRACT, SALVIA OFFICINALIS GLYCOLIC EXTRACT, SALVIA OFFICINALIS ESSENTIAL OIL, SODIUM HYALURONATE, POLYCARBOPHIL, HYDROXYETHYLCELLULOSE, LACTIC ACID, DISODIUM EDTA, SODIUM HYDROXIDE, SODIUM DEHYDROACETATE, IMIDAZOLIDINYL UREA, WATER, EXCIPIENTS.

***Lubricant against itching and burning*, leaves no residue and does not stain clothing**

DECOVAGIN VAGINAL DOUCHE

Biphasic vaginal douche that helps improving the typical symptoms of vaginal discomfort. It protects the vaginal ecosystem and prevents the annoying symptoms that arise with various forms of vaginitis and vaginosis.

MEDICAL DEVICE CLASS IIA

5 x 100 ml + 5 applicators

RRP in Italy:
€ 19.00

BIBLIOGRAPHIC EVIDENCE

- Vaginal discomfort
- Burning, itching, irritation, dryness
- Menopausal women
- After menstruation
- After sexual intercourse

ACTIVE SUBSTANCES

MAGALDRATE
Cytoprotective properties.

HIGH MOLECULAR WEIGHT HYALURONIC ACID *(vegetable origin)*
Obtained through a patented fermentation process starting from a lactic acid bacterium on a vegetable substrate. It keeps the tissue elastic and promotes cell renewal and rejuvenation, thanks to its high capacity of hydration.

ALOE VERA
Creates a protective barrier on vaginal mucosa which gives immediate relief with deep soothing and lubrificating actions.

LACTIC ACID
Contributes to the preservation and stabilization of the physiological pH.

FREQUENCY OF USE
We recommend 1 application per day, in the morning or in the evening before going to bed.

INGREDIENTS
WATER, SODIUM HYALURONATE, ALOE VERA GEL, LACTIC ACID, POLYSORBATE 20, SODIUM BENZOATE, POTASSIUM SORBATE, FRAGRANCE. THE DOSING CAP CONTAINS MAGALDRATE, MAGNESIUM STEARATE, MICRONISED SILICA.

Relief from symptoms caused by non-specific vaginitis such as vaginal discharge, itching and burning

DECON VAGINAL DOUCHE

It is an adjuvant treatment for Irritation and inflammation in the vagina. Decon vaginal douche helps to safeguard the vaginal ecosystem and prevent annoying symptoms that appear in case of vaginitis and vaginosis.

MEDICAL DEVICE CLASS IIA

5 x 100 ml + 5 applicators

RRP in Italy:
€ 18.00

BIBLIOGRAPHIC EVIDENCE

ROSE SCENT

- Vaginal irritation, burning, itching and dryness
- Menopausal women
- After menstruation
- After sexual intercourse

ACTIVE SUBSTANCES

HIGH MOLECULAR WEIGHT HYALURONIC ACID *(vegetable origin)*

Obtained through a patented fermentation process starting from a lactic acid bacterium on a vegetable substrate. It keeps the tissue elastic and promotes cell renewal and rejuvenation, thanks to its high capacity of hydration.

ALOE VERA

Creates a protective barrier on vaginal mucosa which gives immediate relief with deep soothing and lubrificating actions.

LACTIC ACID

Is found naturally in the vaginal enviroment and facilitates the adjustment of pH.

FREQUENCY OF USE

The recommended frequency is 1 application per day, in the morning or in the evening before bedtime.

INGREDIENTS

ACQUA, SODIUM HYALURONATE, ALOE VERA GEL, LACTIC ACID, POLYSORBATE 20, SODIUM BENZOATE, POTASSIUM SORBATE, FRAGRANCE.

Prevent annoying symptoms in case of vaginitis and vaginosis

DECON D

Vitamin D3 of vegetal origin, with a pleasant taste, that contributes to the normal maintenance of bone and calcium and phosphorus absorption and normal function of the immune system in newborns, children but also in menopause or pregnancy women and in adults.

FOOD SUPPLEMENT

50 ml drops

RRP in Italy:
€ 18.00

GLUTEN FREE
NATURALLY LACTOSE FREE
SUITABLE FOR VEGANS

- Deficiency of vitamin D
- Improve function of the immune system
- Prevents osteoporosis

ACTIVE SUBSTANCES

VITAMIN D

Fundamental substance for the good health of our body, in particular of teeth and bones. A deficiency of Vitamin D may depend on various factors: advanced age, lifestyle (prolonged time spent indoors, low exposure to the open air and sun, phototype) and excessive use of sunscreen.
Decon D extracted from lichen is in an oily solution, with a pleasant orange taste, with Vitamin E which acts as an antioxidant in order to guarantee the stability of VITAMIN D3 until its expiration.
The oily vehicle guarantees maximum bioavailability of vitamin D.

DOSAGE

From 3 to 10 years: 4 drops per day. Juniors, pregnant women (indicated especially in the last quarter) and breastfeeding: 6 drops per day. Adults: 20 drops per day. The product can be taken with a spoon or with yoghurt, fruit juices or a slice of bread.

DURATION OF THERAPY

Bambini	8 months
Gravidanza e allattamento	6 months
Adulti	2 months

INGREDIENTS

SUNFLOWER SEED OIL, VITAMIN E ACETATE, NATURAL LEMON FLAVOR, NATURAL ORANGE FLAVOR, ICELANDIC LICHEN (CETRARIA ISLANDICA (L.) ACH.) THALLUS OIL TIT. 2.5% IN VITAMIN D3 (LICHEN, MEDIUM CHAIN TRIGLYCERIDES, ANTIOXIDANT: D-α-TOCOPHEROL).

NUTRITIONAL INFORMATION

	For 20 drops	%RNV* /20 drops
Icelandic lichen tit. 2.5% in Vitamin D3	2 mg	
equal to Vitamin D3	50 µg (2000 IU)	1000%
Vitamin E	1.8 mg	15%

*%RNV = percentage reference nutritional value (EU Reg. 1169/2011)

High bioavailability Vitamin D of vegetal origin

DECON DAY

Food supplement containing Myo-inositol, Nicotinamide, and Folic acid, designed to promote correct ovulation and regulate the ovarian cycle.

FOOD SUPPLEMENT
30 x 4,7 g sachets
RRP in Italy:
€ 35.00

BIBLIOGRAPHIC EVIDENCE AVAILABLE

GLUTEN FREE
NO ADDED SUGAR
NATURALLY LACTOSE FREE

- Polycistic ovary syndrome
- Neural tube defects
- Ovarian cycle disorders

ACTIVE SUBSTANCES

MYO-INOSITOL IMPROVES INSULIN RESISTANCE
Mitigates peripheral hyperandrogenism.

NICOTINAMIDE
Has an anti-inflammatory action and restores the skin barrier.

FOLIC ACID
Regulates homocysteine levels.

QUATREFOLIC
Is a salt of glucosamine 5 methyltetrahydrofolate (5-MTHF), which is the active form of folic acid.

HOW TO USE AND DOSAGE
Dissolve the contents of one sachet in a glass of water (at least 150 ml), mix well and drink immediately after preparation. Any insoluble residues are due to the high concentration of the active substances present and are not indicative of product defectiveness. The recommended dosage is 1 sachet per day. Do not exceed the recommended daily dose.

NUTRITIONAL INFORMATION

	for 1 sachet	%NRV for 1 sachet
Myo-inositol	4 g	
Nicotinamide	50 mg	312,5%
Folic acid	400 mcg	200%

%NRV = percent of nutrient reference value (EU Reg. no. 1169/2011)

Contains the active form of highly bioavailable Folic acid

DECONFLOG GEL

Medical device that works by protecting the wound that has damaged the dermis, creating an optimal enviroment for the repair processes and at the same time protecting the area from external physical and bacterial agents.

MEDICAL DEVICE CLASS IIB

25 g gel

RRP in Italy:
€ 20.00
Also available in:
50 g, 15 g

CLINICAL STUDY

DERMATOLOGICALLY TESTED
FOR WOUNDS, BURNS AND IRRITATIONS

- Irritation and redness (including diaper rash)
- Post peeling, hair removal and laser treatments
- Navel of the newborn
- Superficial injuries: cracks, scratches, grazes, abrasions, minor burns, cuts
- Deep wounds: surgical wounds, bedsores, ulcers

ACTIVE SUBSTANCES

HIGH MOLECULAR WEIGHT HYALURONIC ACID *(0.3% plant-based)*
Moisturizing, protective film-forming.
Damaged skin regenerating properties.

ACEMANNAN *(high molecular weight polysaccharide fraction)*
Immuno-stimulating, antibacterial and antiseptic.
Facilitates tissue repair.

JOJOBA OIL *(Simmondsia chinensis)*
Esterified wax mixture that restores the correct hydrolipidic film on the skin with anti-inflammatory action.

DOSAGE AND INSTRUCTIONS FOR USE
Wash your hands before use. After cleaning and disinfecting the area to be treated, apply a thin layer of gel directly on it.
In case of deep wounds, perform a light massage and apply a gauze on the injured part with a sterile bandage. Apply twice a day, until symptoms disappear. The treatment should not exceed 30 days.

INGREDIENTS
ALOE VERA, SODIUM HYALURONATE, ACRYLATES/C10-30 ALKYL ACRYLATE CROSSPOLYMER, JOJOBA OIL*, POLYVINYLPYROLIDONE (PVP), SODIUM HYDRATE PEARLS, BENZYL ALCOHOL, GLYCERYL CAPRYLATE, GLYCERYL UNDECYLENATE, WATER.
* FROM ORGANIC FARMING

Rapid recovery from pain or burning

Resolves rashes and scabs in nearly half the expected time

CLINICAL STUDIES

https://bit.ly/4cNuGxS

"CLINICAL STUDY – DR. GIUSEPPE ALESSANDRINI"

LIFE STICK

Antireflux stick to limit symptoms related to gastroesophageal reflux disease and to esophagitis. The use of the product limits the burning sansation (heartburn), regurgitation, difficulty swallowing (dysphagia), painful swallowing (odynophagia), cough, hoarseness.

MEDICAL DEVICE CLASS IIA

24 x 10 ml stick pack

RRP in Italy:
€ 20.00

BIBLIOGRAPHIC EVIDENCE

WITHOUT BICARBONATE/CARBONATE
WITHOUT SODIUM ADDED
LACTOSE FREE
GLUTEN FREE
OGM FREE

- Gastroesophageal reflux
- Esophagitis
- Symptoms related to reflux: burning sensation
- Regurgitation
- Dysphagia
- Painfull swallowing
- Cough
- Hoarseness.

ACTIVE SUBSTANCES

MAGNESIUM ALGINATE

Alginates are polysaccharides extracted and purified from marine algae. It blocks reflux mechanically, and when it reaches the stomach, it precipitates and forms a floating gel that acts as an anti-reflux barrier.

PLANT EXTRACTS *(Anisum Stellatum, Foeniculum Vulgare, Chamomilla Recutita, Lavandula Angustifolia, Tilia Platyphyllos)*

Promote gastric emptying, limit cough, burning sensation and irritation of mucosa.

INSTRUCTIONS FOR USING STICK-PACKS

Children under 12 years: half dose or second medical opinion. Shake before the use. In adults and children over 12 years: 10-20 ml or 1-2 stick pack after meals and at bedtime or according to medical opinion.

INGREDIENTS

MAGNESIUM ALGINATE, XANTHAN GUM, SUCRALOSE, SODIUM MENTHYL P-HYDROXYBENAZOATE, SODIUM PROPYL P-HYDROXYBENZOATE, DEMINERALISED WATER.

LIFE NIPIO

Antireflux syrup for infants and children up to 3 years of age. It is intended to be used to alleviate symptoms related to gastroesophageal reflux disease and esophagitis.

MEDICAL DEVICE CLASS IIA - oral solution

150 ml bottle with syringe

RRP in Italy:
€ 18.00

BIBLIOGRAPHIC EVIDENCE

WITHOUT BICARBONATE/CARBONATE
WITHOUT SODIUM ADDED
LACTOSE FREE
GLUTEN FREE
OGM FREE

- Newborn regurgitation
- Gastroesophageal reflux
- Esophagitis

ACTIVE SUBSTANCES

MAGNESIUM ALGINATE

Alginates are polysaccharides extracted and purified from marine algae. They block reflux mechanically, and when they reach the stomach, they precipitate and form a floating gel that acts as an anti-reflux barrier.

INSTRUCTIONS FOR USE

Shake before use.
Administer according to the following dosage or according to medical opinion:
- Infants (up to 5 kg) 1 ml of product, 5-10 minutes after feeding. In case of regurgitation after administration, administer additional 1 ml.
- Up to 3 years of age (6-15 kg) 4 ml after meals and at bedtime.

INGREDIENTS

MAGNESIUM ALGINATE, XANTHAN GUM, SUCRALOSE, SODIUM MENTHYL P-HYDROXYBENAZOATE, SODIUM PROPYL P-HYDROXYBENZOATE, DEMINERALISED WATER.

Can be used from the first days of life

ERBOFLORA INFANT 0+

Dietary supplement with probiotic ferments that help balancing intestinal bacterial flora, with organic extra virgin olive oil as carrier. Given the formulation, can be taken as of the first days of life.

FOOD SUPPLEMENT

8 ml bottle with dropper

RRP in Italy:
€ 16.50

BIBLIOGRAPHIC EVIDENCE

CAN BE USED FROM THE FIRST DAYS OF LIFE

3 BILLION MILK ENZYMES GUARANTEED ALIVE UNTIL EXPIRATION

NATURALLY LACTOSE FREE

GLUTEN-FREE

NO PRESERVATIVES

NO ARTIFICAL FLAVORS

NO SUGARS OR SYNTHETIC SWEETENERS

- Infant colic
- Gastroenteritis
- Antibiotic therapy
- Atopic dermatitis

ACTIVE SUBSTANCES

LACTOBACILLUS REUTERI

The only native species present throughout the human gastrointestinal tract, especially in healthy infants and children. It is also present in breast milk.
It has been seen to colonize the gastric and intestinal epithelium better than any other lactobacillus species. It is able to produce molecules with a specific antimicrobial action such as Reuterin and Reutericycline, which can prevent the growth of many human pathogenic species.

LACTOBACILLUS RHAMNOSUS

It is able to colonize the entire digestive tract. The main area where it acts is the large intestine, where it helps to make the environment inhospitable for pathogenic bacteria.

DIRECTIONS FOR USE

Turn the cap clockwise as far as it will go, so that the powder in the capsule drops into the bottle. Shake, unscrew the dispensing cap and screw on the dropper contained in the package. Shake before each use.

DOSE

5 drops daily between meals. Take directly by mouth or mix with water, cold drinks or milk at a temperature below 37°C.
After opening the bottle, store in the refrigerator and consume within 1 month of opening. Do not freeze.

NUTRITIONAL INFORMATION

Lacticaseibacillus rhamnosus	DSM 25568	3 billion
Limosilactobacillus reuteri	DSM 25175	100 million

Carried in Organic Extra Virgin Olive Oil produced in Tuscany to ensure product stability

Can be used from the first days of life

Bionativa S.p.A.
Via Raffaello 15
Loc. Sambuca Val di Pesa
50028, Barberino Tavarnelle (FI)
ITALY
bionativa.net

I.P. FARMA

Fitopreparatori Italiani®

ipfarma.it

fitopreparatoriitaliani.it

Bionativa
OPHTALMOLOGY

BIOFTA

DRY EYE
OCULAR INFLAMMATION
GLAUCOMA
AGE RELATED MACULAR DEGENERATION

Bionativa

MADE IN ITALY, INSPIRING GLOBALLY

Originating from Biodue SpA's Own Brands Division, Bionativa continues its legacy of innovation in medical devices, cosmetics and dietary supplements, rooted in Tuscany's research and production excellence.

PHARCOS

AGEX by PHARCOS

Fitopreparatori Italiani®

BIOFTA

RIVER PHARMA

I.P. FARMA

EFFECTIVE AND SAFE PRODUCTS THROUGH SCIENTIFIC RESEARCH

In **Bionativa**, continuous innovation in product development is supported by scientific research in collaboration with leading research institutions. This approach allows us to create state of the art products focused on achieving effective outcomes, utilizing raw materials of the highest quality and meticulous processes.

- *380+ Products*
- *120+ Product brands, active ingredients and technologies*
- *10 Patents registered globally*
- *30+ R&D Projects annually*
- *40+ Scientific studies with 2,000+ participants*

OUR BRANDS

Bionativa unites leading brands in the Health & Beauty sectors under one corporate ethos, focused on the specifics of each area while sharing a common mission: to value professional advice in a constantly evolving market.

PHARCOS · *Dermatology and Cosmetics*
AGEX · *Aesthetic Medicine*
FITOPREPARATORI ITALIANI · *Proctology and Gastroenterology*
BIOFTA · *Ophthalmology*
RIVER PHARMA · *Orthopedics, Neurology*
IP FARMA · *Otorhinolaryngology, Gynecology, Pediatrics, Urology, Pneumology and General Surgery*

BIOFTA
SOLUZIONI OFTALMICHE

Since 2007, Biofta has been at the forefront of research and development into innovative products for ophthalmology, becoming a reference point for Italian ophthalmologists. Medical devices for eye care and well-being, targeted dietary supplements for each eye segment, cosmetics for ophthalmic use, and specific medications for major eye diseases.

CORNEIAL GEL

Long lasting relief from dry eyes and protection of the ocular surface. Protection and hydration of the ocular surface in case of alteration of the tear film.

MEDICAL DEVICE CLASS IIA

10 g tube

RRP in Italy:
€ 24.00

BIBLIOGRAPHIC EVIDENCE

STERILE | A

- Corneal abrasions
- Corneal injuries
- Eye trauma

ACTIVE SUBSTANCES

DEXPANTENOLO 5%

Promotes corneal re-epithelialization processes, stimulating faster wound healing. Reduces inflammation and preserves hydration of the ocular surface.

CARBOMER 980

Preserves proper hydration and viscosity of the tear film. Protects the ocular surface.

USES OF PRODUCT

Remove the cap from the tube, tilt the head back and pull down the lower lid of the eye forming a pocket. Squeeze slowly until a small drop forms at the end of the tube and spread it evenly inside the eyelid.
Blink two to three times to spread the gel evenly over the eye and wipe away any excess gel from around the eyelids. Be sure to close the cap.
One drop per eye, once or more times a day, unless the doctor or pharmacist has advised an alternative regimen.

INGREDIENTS

DEXPANTHENOL 5% (W/V), SODIUM HYDROXIDE 20% SOLUTION, CARBOMER, DISODIUM EDETATE, CETRIMIDE, WATER FOR INJECTIONS.

Accelerates the processes of healing the wounds of conjunctiva and cornea

Effective for corneal epithelial healing, and promotes faster corneal reepithelialization

Clinical evaluation of provitamin B5 drops and gel for postoperative treatment of corneal and conjuctival injuries

Krystyna Raczynska, Barbara Iwaszkiewicz-Bilikiewicz, Wiesława Stozkowska, Jadwiga Sadlak-Nowicka

RESULTS

The differences between the two groups commenced on the second day following the operation. Better effects were observed in patients receiving D-panthenol. Congestion and oedema of conjunctiva withdrew, the edges of wounds demonstrated smoothness and better adherence. Subjective feelings improved.

CONCLUSIONS

Provitamin B5 contained in 5% drops and 5% gel of D-panthenol effectively accelerates the processes of healing the wounds of conjunctiva and cornea.

Efficacy and safety of 0.3% carbomer gel compared to placebo in patients with moderate-to-severe dry eye syndrome

L. J. Sullivan, F. McCurrach, S. Lee, H. R. Taylor, M. Rolando, C. Marechal-Courtois, C. Creuzot-Garcher, D. L. Easty, C. Karabatsas, M. Bingh Hoh, C. Faschinger, L. Laroche

RESULTS

All primary subjective symptoms decreased significantly in the carbomer gel-treated group compared to the placebo group (i.e., dryness, discomfort, and foreign body sensation). The carbomer gel also significantly improved the rose bengal staining score relative to placebo. When data for the primary subjective efficacy variables were stratified for disease severity, there was a statistically significant improvement from baseline by day 10 for severely affected patients and from day 42 for patients with moderate disease. Secondary subjective symptoms that improved significantly in the tear gel group compared to placebo were photophobia, erythema, tear breakup time, blurry-filmy, dry-sandy sensation, and physician impression. However, no significant improvements in the secondary subjective symptoms of tearing, itching, scaling, conjuctival discharge, palpebral conjunctival redness, bulbar conjuctival redness, conjunctival luster, relief of discomfort, ease of use, and overall acceptability were found in either group over the baseline score. In addition, neither carbomer gel nor placebo improved the baseline fluorescein staining score or the Schirmer test score. Two patients suffered local allergic reactions to the carbomer gel or its preservative, which settled on withdrawal of the medication.

CONCLUSIONS

Carbomer gel was more efficacious than was placebo in improving a number of subjective and objective symptoms of moderate-to-severe dry eye syndrome. The results of this study indicate that carbomer gel was as safe as was the placebo.

Dexpanthenol/sodium hyaluronate eye drops for corneal epithelial healing following corneal cross-linking in patients with keratoconus

Huri Sabur, Mutlu Acar

RESULTS

The mean epithelial defect size 48.6 ± 6.7 mm2 for the DP/SH group and 48.2 ± 5.3 mm2 for the SH group. Complete reepithelialization was seen after 2.24 ± 0.44 days (range 2-4 days) in the DP/SH group and 3.43 ± 0.60 days (3 to 5 days) in the SH group. Posterior keratocyte density and endothelial cell density were similar in both groups. The mean subbasal nerve plexus density was significantly higher in the DP/SH group (postoperative 1 month: 1.13 ± 1.51, 3 months: 3.53 ± 2.55, 6 months: 7.07 ± 1.42) compared to the SH group (postoperative 1 month: 0.87 ± 1.43, 3 months: 2.89 ± 2.62, 6 months 6.33 ± 1.29). The DP/SH group revealed faster subbasal nerve regeneration and less edema compared to the SH group.

CONCLUSION

Dexpanthenol 2%/sodium hyaluronate 0.15% eye drops were effective and safe for corneal epithelial healing, and promoted faster corneal reepithelialization, nerve regeneration, and keratocyte repopulation with reduced corneal edema compared to sodium hyaluronate eye drops.

CORNEIAL MED

Eye drops indicated to relieve eye redness, irritation, fatigue, itch and dryness also due to blepharitis, trauma and in the post-operative course of ocular surface surgery (cataract, refractive, IVT, etc.).

MEDICAL DEVICE Class IIB

10 ml drops

RRP in Italy:
€ 22.00

IN VITRO COMPARATIVE STUDY

STERILE A

- Conjunctivitis prophylaxis
- Keratitis
- Blepharitis
- Dacryocystitis
- Meibomites
- Eye trauma
- Pre/post surgery

DOSAGE

Instill 1-2 drops of the product in each eye.
It is possible to use the product every day, even several times a day as needed and even while wearing contact lenses.

INGREDIENTS

POLYHEXAMETHYLENE BIGUANIDE: 0.0003%; SODIUM HYALURONATE CROSS-LINKED 0.2%; HYPROMELLOSE 0.2%, EDTA DISODIUM, TAMPONE BORATO, SODIUM CHLORIDE, EXCIPIENT E PURIFIED WATER

ACTIVE SUBSTANCES

PHMB

Has an alternative mechanism of action, thanks to its ability to enter bacterial cells, stop cell division and condense chromosomes, thus suggesting a possible solution to antibiotic resistance. In addition,it has a broad spectrum of action, excellent tolerance and low risk profile.

HIGHLY CROSSLINKED HYALURONIC ACID

Increases the residence time, increasing the antimicrobial efficacy of PHMB. It protects, repairs and lubrificates the eye surface. Highly crosslinked hyaluronic acid, compared to other cross-linked or linear hyaluronic acid, is more resistant to degradation.

Outperformed competitors in activity against Pseudomonas aeruginosa and Escherichia coli

PHMB maintains an in vivo disinfectant capacity and strongly reduces conjunctival bacterial load

Comparative efficacy of Corneial Med vs competitor product in terms of in vitro bactericidal activity

Dr. Enzo Emanuele

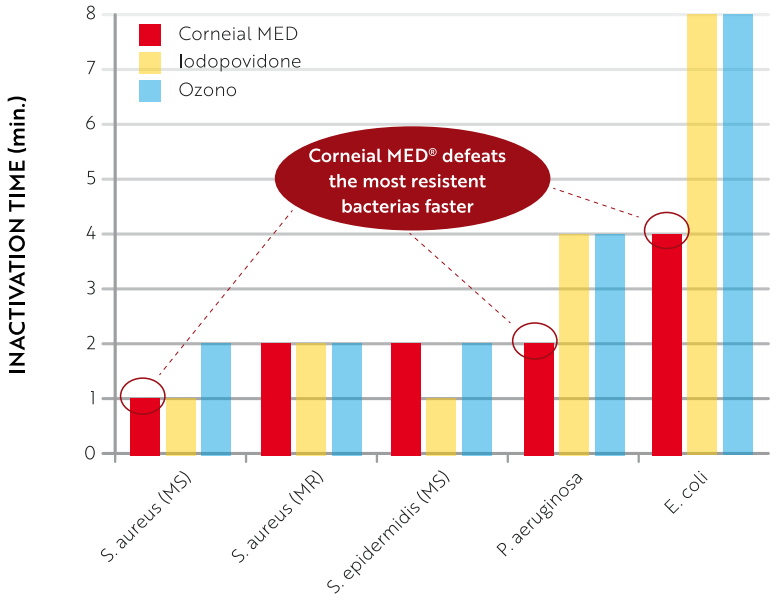
FULL STUDY
https://bit.ly/4cSdK96

RESULTS

The three ophthalmic solutions demonstrated essentially similar activity against *Staphylococcus epidermidis ATCC 12228 (MS), Staphylococcus aureus (MS) and Staphylococcus aureus ATCC 43300 (MR)*, with negativization of bacterial counts, for the latter two, at 2 and 4 min for all products tested.

CORNEIAL MED **outperformed competitors in activity against *Pseudomonas aeruginosa and Escherichia coli***. Specifically, for ***Pseudomonas aeruginosa***, CORNEIAL MED was able to achieve negativization at 2 minutes, while Iodopovidone and Ozone only at 4 minutes.

For ***Escherichia coli***, CORNEIAL MED was able to achieve negativization after only 4 minutes, while Iodopovidone and Ozone after 8 minutes.



Bactericidal activity of a composition of PHMB 5ppm in CXL hyaluronic acid 0.2% (Corneial Med®).

Dr. Chiara Macripò, Dr. Enzo D'Ambrosio

In this study, 43 consecutive patients about to undergo cataract surgery by phacoemulsification were enrolled. A conjunctival swab was taken in the contralateral eye three days before hospitalization and immediately before surgery. During this period, as per the usual protocol, 2 drops of a PHMB 5ppm and CXL hyaluronic acid 0.2% solution were instilled 3 times/day in both eyes.

RESULTS

Of the 43 consecutively enrolled patients, the positivity detected at t0 was 34%; all patients became negative after treatment. The Bayesian statistical model shows that, in the presence of contamination at t0, there is a 99.9% probability of a drop in bacterial load after treatment; the intensity of this drop averaged around 97% [CrI: 82% to 99%] in the sample, with magnitude increasing as a function of bacterial load at t0.

CONCLUSIONS

This pilot study helps demonstrate that already at the concentration of 5ppm, PHMB maintains an in vivo disinfectant capacity and strongly reduces conjunctival bacterial load, a potential source of infectious complications. In addition, the combination with cross-linked hyaluronic acid not only makes the treatment perfectly tolerated, but by keeping the active ingredient on the ocular surface for longer, helps to increase the activity of the molecule. The study lays the foundations for further in vivo analysis to confirm the usefulness of PHMB 5 as a disinfectant, not only in the treatment of infectious diseases but especially in prevention in refractive surgery, cataract surgery, intravitreal injections, etc.

CORNEIAL EYE DROPS

Adjuvant eye drop solution for the prevention of red and tired eyes. Suitable for those who suffer from dry eyes, poor tearing and redness due to external agents and conditioned by the use of contact lenses.

MEDICAL DEVICE Class IIB

10 ml drops

RRP in Italy:
€ 23.00

CLINICAL STUDY

STERILE | A

BAC FREE

- Inflammatory conjunctivitis or cheratoconjunctivitis
- Adverse environmental conditions
- Video terminal operators
- Contact lens wearers
- Allergic conjunctivitis

ACTIVE SUBSTANCES

GLYCEROPHOSPHOINOSITOL *(GPI)*
Anti-inflammatory and decongestant properties. Cortisone-like action.

HYALURONIC ACID 0.2%
Mucoadhesive and viscoelastic properties. Protects, repairs and lubricates the eye surface.

NATURAL EXTRACTS *(Echinacea purpurea - Euphrasia officinalis)*
Anti-inflammatory, cicatrizing and decongestant properties.
Antimicrobial and immunostimulant action.

DOSAGE
Instill 1-2 drops of the product directly in the eye, 2-3 times daily or as prescribed by a doctor.

INGREDIENTS
POLYHEXAMETHYLENE BIGUANIDE: 0.00023%; SODIUM HYALURONATE 0.2%; HPMC 0.2%; EUPHRASY, ECHINACEA, GPI 0.01%, DISODIUM EDETATE, BORATE BUFFER, SODIUM CHLORIDE, EXCIPIENTS AND PURIFIED WATER UP TO 100%.

***Anti-inflammatory, cortisone-like* action**

The drops help avoid the serious side effects of corticosteroids and the occurrence of bacterial resistance

Evaluation of Efficacy of Glycerophosphoinositol (GPI) and Polyhexamethylene biguanide (PHMB) in Hyaluronic Acid 0.2% (Corneial® Eye Drops) in patients with keratitis, conjunctivitis and keratoconjunctivitis.

FULL STUDY
https://bit.ly/3W2rTcS

RESULTS

- An **improvement in ocular surface features markers** and also an improvement in the production and quality of tears by a significant increase in the different trial times of T-BUT and the Schirmer test (Fig 1).
- An **improvement of symptoms of acute and chronic irritation** reported by patients over time, as also confirmed by the validated survey on ocular surface discomfort (OSDI), that statistically improves over time (Fig 2).
- A **significant reduction in corneal damage** is obvious in these patients (T1), especially in the subgroup of patients diagnosed with corneal abrasion who show a rapid increase of symptoms already at time T2, but also a resolution of the inflammatory state and healing within 1 month, time T2 (Fig 3).

CONCLUSIONS

CORNEIAL® eye drops shows a dual **ANTI-INFLAMMATORY AND ANTISEPTIC ACTION**, without limiting the healing of the corneal epithelium and the processes of restitutio ad integrum. If effectively applied in a broad spectrum of conjunctivitis and keratoconjunctivitis, the drops help **AVOID THE SERIOUS SIDE EFFECTS OF CORTICOSTEROIDS AND THE OCCURRENCE OF BACTERIAL RESISTANCE** due to empirical antibiotic therapies, which are often not followed upon medical advice.

FIG 1

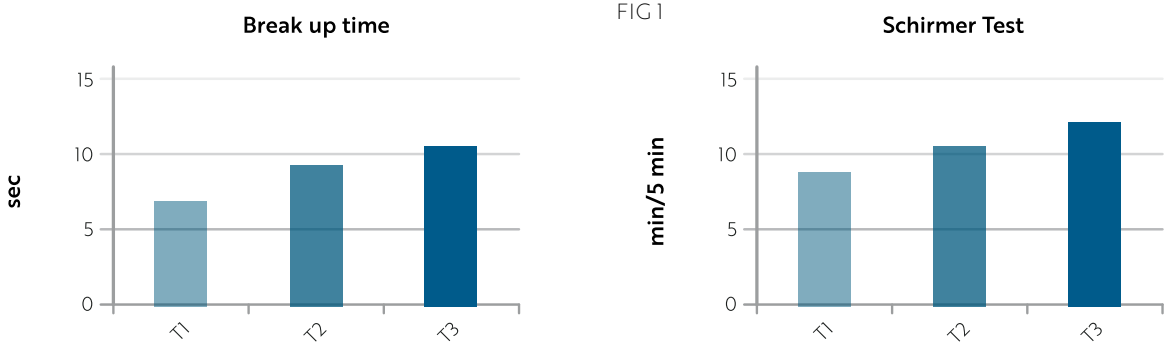


FIG 2

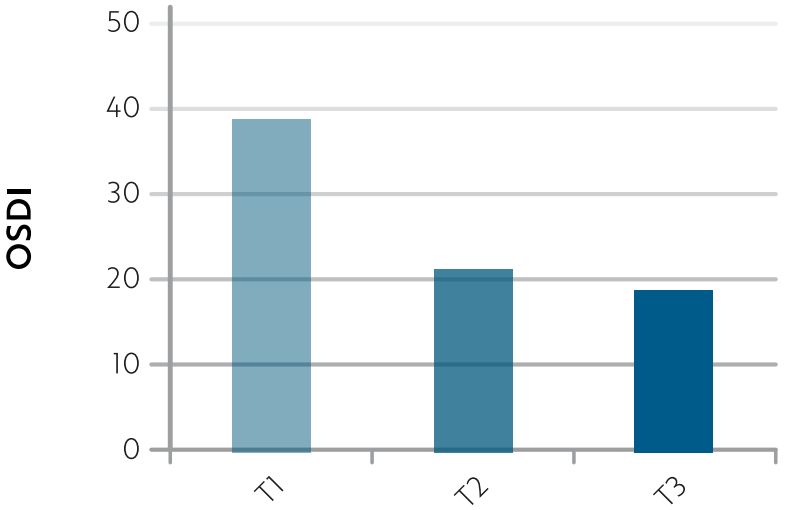
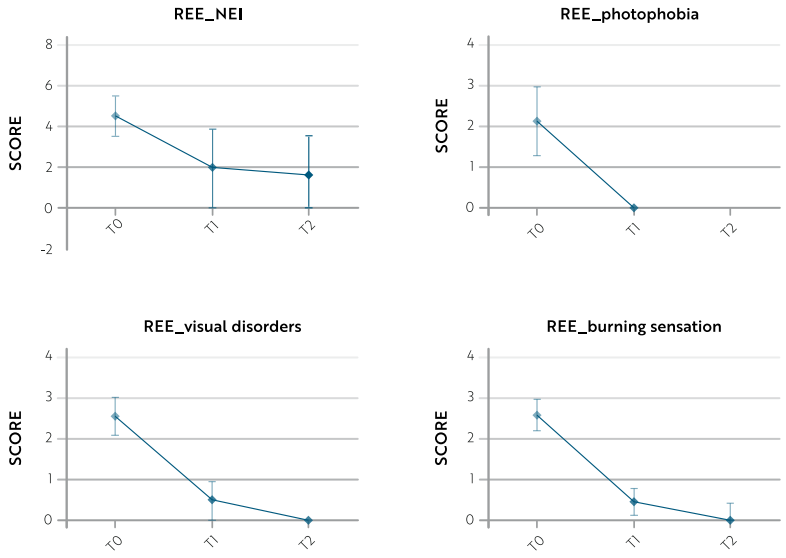


FIG 3



CORNEIAL SPRAY

Indicated for irritation of the eyelid area which often accompanies dry eyes, blepharitis and other common eye diseases. The formulation is able to restore the lipid component of the epidermis eyelid and maintain the correct hydration. The recovery of hydrolipidic balance resolves the symptoms of burning and itching of the eyelid and thus reduces the swelling and edema resulting from continuous chafing of the sore eyelid.

MEDICAL DEVICE CLASS I

15 ml spray

RRP in Italy:
€ 20.00

BIBLIOGRAPHIC EVIDENCE

FENOSSIETANOL FREE

- Dry eye
- Meibomian gland dysfunction
- Blepharitis
- Chalazion
- Burn
- Itching
- Swelling
- Inflammation and erythema of the periocular area

ACTIVE SUBSTANCES

JOJOBA OIL
Natural mixture of esterified meibum-like waxes (Simmondsia chinensis) restoration of non-polar surface lipid layer.

TREHALOSE
Prevention and repair of epithelial and photo-induced (UVA/UVB) damage.

TERPINEN-4-OLO
Active component of Tea Tree Oil. Antibacterial and antinflammatory activity.

LIPOSOMES
Nanotechnology for carryng jojoba oil and trehalose. Restoration of deep polar layer.

HOW TO USE
Spray on the closed eyelids from a distance of approx. 18-20 cm, holding the spray in a front-lateral position.
Spray 1-2 times onto each eyelid at least 2-3 times daily, before makeup and/or after cleansing, especially in the evening.

INGREDIENTS
LIPOSOME CONTAINING TREHALOSE, JOJOBA OIL, SODIUM HYDROXYMETHYLGLYCINATE, DISODIUM EDTA, SODIUM CHLORIDE, POLYSORBATE, TERPINEN-4-OL, BUFFER, WATER Q.S.

Restores the lipid component of the epidermis eyelid and maintains the correct hydration

Terpinen-4-ol is effective in *killing demodex mites*

Terpinen-4-ol is the Most Active Ingredient of Tea Tree Oil to Kill Demodex Mites

Sean Tighe, Ying-Ying Gao, Scheffer C. G. Tseng - Transl Vis Sci Technol, 2013

FULL STUDY
https://bit.ly/4cF9MAv

RESULTS

All ingredients exhibited a dose-dependent killing effect. Besides Terpinen-4-ol, the order of relative potency did not correlate with the order of relative abundance in TTO for the remaining 12 ingredients. Terpinen-4-ol was the most potent ingredient followed by α-Terpineol, 1,8-Cineole and Sabinene. Terpinen-4-ol, the most abundant ingredient in TTO, was more potent than TTO at equivalent concentrations and its killing effect was even observable at a mere concentration of 1%. Terpinen-4-ol exhibited a significant synergistic effect with Terpinolene, but an antagonistic effect with α-Terpineol in killing mites (both $P < 0.05$). In vivo, Terpinen-4-ol was shown to eradicate mites.

CONCLUSIONS

The above finding suggests that deployment of Terpinen-4-ol alone should enhance its potency in killing Demodex mites by reducing the adverse and antagonistic effects from other ingredients in TTO.

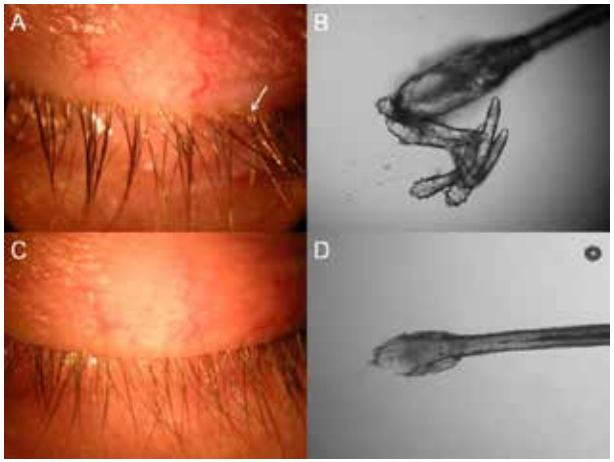


Figure 1. In vivo effect of Terpinen-4-ol on eradication of Demodex mites. Before treatment, cylindrical dandruff was found in many lashes (A, arrow) and mites were detected under microscopic examination of the epilated lash (B). After treatment with the T4O lid cleanser, the lashes were clean (C) and no mite was detected in the epilated lash (D).

Protective effect of trehalose-loaded liposomes against UVB-induced photodamage in human keratinocytes

Enzo Emanuele, Marco Bertona, Fabian Sanchis-Gomar, Helios Pareja-Galeano, Alejandro Lucia - Biomed Rep., 2014

FULL STUDY
https://bit.ly/45ldzuh

ABSTRACT

Trehalose, a naturally occurring non-reducing disaccharide, is known to act as a major protein stabilizer that can reduce ultraviolet B (UVB)-induced corneal damage when topically applied to the eye. However, due to the low skin permeability of trehalose, which makes the development of topical formulations difficult, its use as a skin photoprotective agent has been limited. Previous findings demonstrated that liposomes may significantly improve the intracellular delivery of trehalose. Therefore, the present study aimed to assess the protective effects of trehalose-loaded liposomes against UVB-induced photodamage using the immortalized human keratinocyte cell line, HaCaT. The effects were also compared to those of the common skin photoprotective compounds, including L-carnosine, L-(+)-ergothioneine, L-ascorbic acid and DL-α-tocopherol. The levels of cyclobutane pyrimidine dimers, 8-hydroxy-2′-deoxyguanosine and protein carbonylation in HaCaT cells were used as biological markers of UVB-induced damage. Compared to other compounds, trehalose-loaded liposomes showed the highest efficacy in reducing the levels of the three markers following UVB irradiation of HaCaT cells (all $P<0.001$ when compared to each of the four other photoprotective compounds). Therefore, these findings indicate that there may be a clinical application for trehalose-loaded liposomes, and further studies should be performed to assess the potential usefulness in skin photoprotection and the prevention of non-melanoma skin cancer.

CITINERV PLUS

Citinerv plus is a food supplement of Vitamins (B1, B6, B12 and D3) with Citicoline sodium, Glutathione and essential fatty acids (Omega 3 and Omega 6) present in Hemp Seed Oil. Vitamins B1, B6 and B12 contribute to the normal functioning of the nervous system.

- Amblyopia
- Glaucoma
- Neuritis and trigeminal neuralgia
- Herpetic keratitis
- Neuro-ophthalmological diseases

ACTIVE SUBSTANCES

CITICOLINE
Is a molecule with antiapoptotic and neurotrophic activity.

GROUP B VITAMINS
Play a part in the normal functioning of the nervous and visual systems.

VITAMIN D3
Has a key role in regulating the physiological processes involved in the inflammation and degeneration of neuronal tissue. The insufficiency of vitamin D may affect the severity of glaucoma as a result of increased inflammation and neurodegeneration.

GLUTATHIONE
Reduces oxidatives stress, with antiflammatory, neuro-protective and antidepressant action.

CANNABIS SATIVA L. SEED OIL
Is a "superfood" with powerful antioxidant, immunomodulating, antiflammatory, hypotensive and neuro-protective properties.

Stabilization/improvement* of visual parameters in patients with *optic neuropathy

FOOD SUPPLEMENT
30 x 707 mg softgel
RRP in Italy:
€ 28.00

2 CLINICAL STUDIES

GLUTEN FREE
PATENT ON
FORMULATION N° 102022000008894

DOSAGE AND INSTRUCTIONS FOR USE
It is recommended to take 1 soft gel up to 4 times per day, for at least 4 months. Do not exceed the recommended daily dose.

COMPOSITION
PEARL CONTENT: CITICOLINE SODIUM, HEMP SEED OIL (CANNABIS SATIVA L.), GLUTATHIONE, SUNFLOWER OIL, EMULSIFIERS: MONO- AND DIGLYCERIDES OF FATTY ACIDS, SUNFLOWER LECITHIN; ANTI-CAKING AGENT: SILICON DIOXIDE, THIAMINE HYDROCHLORIDE, VITAMIN B12 TIT. 0.1% (CYANOCOBALAMIN, MALTODEXTRIN, ACIDULANTS: CITRIC ACID, TRISODIUM CITRATE), PYRIDOXINE HYDROCHLORIDE, VITAMIN D3 OF PLANT ORIGIN (CHOLECALCIFEROL, MEDIUM-CHAIN TRIGLYCERIDES, ANTIOXIDANT: D-α-TOCOPHEROL). OUTER CASING: GELATIN, RESISTANCE AGENT: SORBITOL, COLOURS: E172, E133.

NUTRITIONAL INFORMATION

	for 1 softgel	%RNV*/ 4 softgels
Citicoline sodium	250 mg	
Hemp seed oil	242,5 mg	
Glutathione	25 mg	
Thiamine (vit. B1)	0,7 mg	254,5%
Pyridoxine (vit. B6)	0,5 mg	142,9%
Cyanocobalamin (vit.B12)	0,75 mcg	120%
Cholecalciferol (vit. D3)	10 µg	800%

*%RNV = percentage reference nutritional value (EU Reg. 1169/2011)

4x* increase in plasma *choline levels

Efficacy of Citinerv® Plus on glaucomatous optic disease with computerized campimetry

Dr. Dario Iannaccone

FULL STUDY
https://bit.ly/3S6qIIa

RESULTS

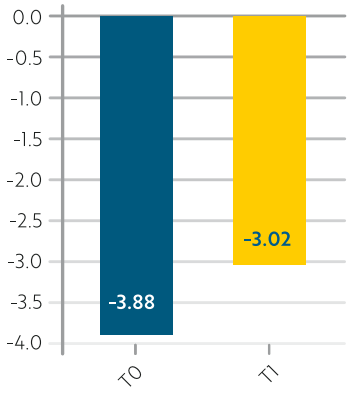
Positive effect in 90% of cases.

At the final observation, performed on day T1, there was an improvement of the controlled clinical and perimetric parameters in 36 eyes (60%) and/or at least stabilization of the same in 18 eyes (30%), while only 6 eyes (10%) showed worsening.

In particular, there was an average improvement in Mean Deviation of 0.86 dB (from -3.88 to -3.02 on average), and in Pattern Standard Deviation of 3.62 (from an average of 15.59 to 11.97).

Mean Visual Acuity (in tenths) also increased in a statistically significant manner from 0.76 (TO) to 0.88 (T1).

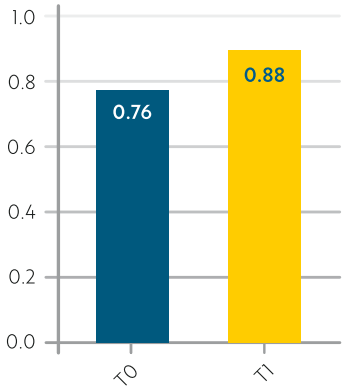
MEAN DEVIATION



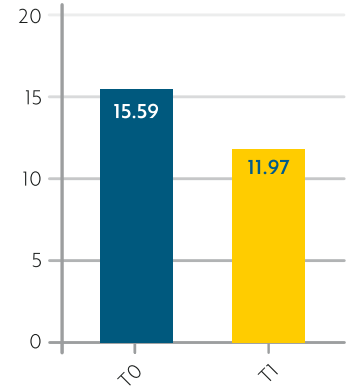
CONCLUSIONS

Evidently, the mix of Citicoline, B-complex (Vit. B1, B6, and B12), Glutathione, and Omega 3 fatty acids (Hemp Seed Oil) has shown a synergistic effect, able to stabilize/improve visual parameters in patients with optic neuropathy.

MEAN VISUAL ACUITY (in tenths)



PATTERN STANDARD DEVIATION



Comparative efficacy of supplementation with Citinerv® plus versus other supplement (in tablet containing 500 mg citicoline) in determining the rise in plasma coline levels in healthy volunteers

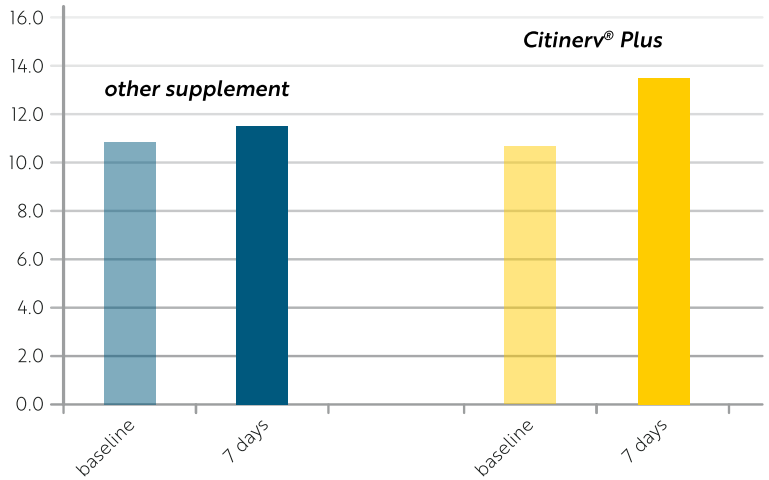
Dr. Enzo Emanuele

FULL STUDY
https://bit.ly/3zDTbyO

RESULTS

For the same amount of Citicoline taken, the increase in plasma Choline levels was about 4 times higher in volunteers taking Citinerv Plus.

Plasma concentrations of choline (µM)



ALTIAL PLUS

Ophthalmic lubricating solution based on cross-linked hyaluronic acid, formulated for the treatment of ocular discomfort.

- Prolonged exposure to sunlight
- Uv radiation and ionizing radiation
- Living/working in air-conditioned environments
- Prolonged use of computers, smartphone, tv
- Contact with detergents
- Contact lens wearers
- Post-surgical discomfort
- Mild to severe eye dryness (Sjiogren)

ACTIVE SUBSTANCES

HYALURONIC ACID *(highly cross-linked)*

More resistant to degradation compared to other cross-linked hyaluronic acids. Therefore it shows greater stability and a longer residence time at corneo-conjunctival level. It is useful for the treatment of patients with dry eyes, even in severe forms.

OCULAR DISCOMFORT

MEDICAL DEVICE Class IIB

10 ml drops

RRP in Italy:
€ 22.00

CLINICAL STUDY

STERILE
PRESERVATIVE FREE
HYALURONIC ACID HCXL 0.2%
HIGH VISCOELASTICITY
HIGH MOLECULAR WEIGHT 3.6 M Da

DOSAGE AND INSTRUCTIONS FOR USE

Spray onto the hair and scalp without rinsing.
Spray 4-8 times, depending on the area being treated.

COMPOSITION

POLYHEXAMETHYLENE BIGUANIDE: 0.00023%; SODIUM HYALURONATE CROSS-LINK 0.2%; HPMC; DISODIUM EDETATE, BORATE BUFFER, SODIUM CHLORIDE, EXCIPIENTS AND PURIFIED WATER UP TO 100%.

Remarkable results in the treatment of mild dry eye and moderate dry eye

Evaluation of the efficacy of a highly cross-linked hyaluronic acid eye drop (Altial Plus) in the treatment of mild/moderate dry eye compared with a linear hyaluronic acid formulation

Dr. Tiziana Tritto and Prof. Martino Mariano Tritto

FULL STUDY
https://bit.ly/4cDBuhr

EQUIPMENT AND METHODS

Population 40 patients (20 women + 20 men: 80 eyes), aged between 20 and 60:
- 20 patients with mild dry eye (40 eyes)
- 20 patients with moderate dry eye (40 eyes)

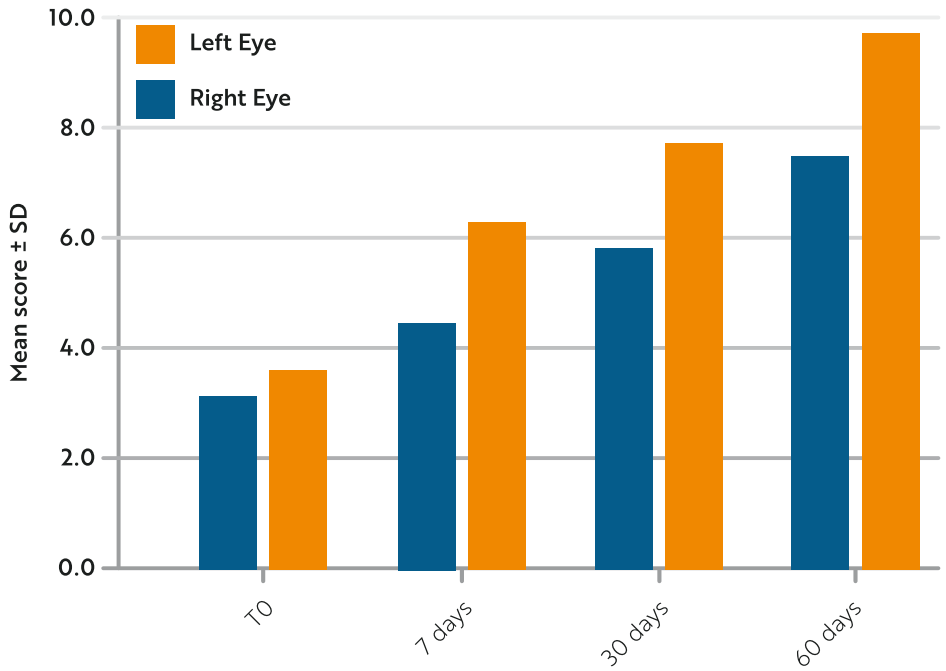
Inclusion criteria were age between 30 and 70 years and a history of at least 3 months of dry eye symptoms, referable to moderate dry eye (Dry Eye Workshop [DEWS] stage 2 classification with TF-BUT < 10 s, Schirmer score < 10 mm).
The study included 4 visits: an initial enrollment visit (T0), 2 follow-up visits (one after 7 days, another at 30 days), and a final study visit (after 60 days).
All patients performed 3 administrations a day for both months, with Linear Hyaluronic Acid 0.2% high PM (HA) only in the Right Eye (RE) and Cross-linked Hyaluronic Acid 0.3% high PM (HA-CXL) in the Left Eye (LE).

EQUIPMENT USED:

1. OSDI (benchmark questionnaire)
2. A Digital pH meter (pH between 7.2 and 7.4) or bibula paper
3. An Osmolarity Meter (or Polarimeter).
4. An EASYTEARview Plus
5. Schirmer's Tests I and II
6. TBUT (Tear break-up time test)
7. Blink frequency per minute.

FINAL REMARKS

The 0.3 % concentration and high molecular weight plus the three-dimensional composition of HA-CXL gives remarkable results in both Mild Dry eye and Moderate Dry eye compared to linear Hyaluronic Acid



Schirmer II Test Results, RE treated with (HA) and LE treated with (HA-CXL) in MODERATE DRY eye

TAURETINA

Dietary supplement indicated to supplement substances physiologically present in high amounts in the retina such as lutein and zeaxanthin.

- Dry and wet AMD
- Vasculopathy
- Posterior uveitis
- Proliferative vitreoretinopathy
- Intravitreal therapies
- IVT therapy adjuvant
- Post operative EMC

FOOD SUPPLEMENT

30 x 500 mg acid-resistant capsules

RRP in Italy:
€ 23.00

CLINICAL STUDIES

ACTIVE SUBSTANCES

ZINC
Helps to maintain normal eyesight and, associated with copper and coenzime Q10, protects cells against oxidative stress.

TAURINE
At retinal level is the most important aminoacid after glutammate and has a multiplicity of effects, recent studies have shown that taurine may be useful in AMD.

CURCUMIN
Has antioxidant and antiflammatory properties. Thanks to the patented association with hydroxy propyl methyl cellulose, it has allowed a significant improvement in absorption at the gastrointestinal level.

CHOLECALCIFEROL
Can prevent the risk of developing early and intermediate AMD by inhibiting oxidative stress, inhibiting extracellular amyeloid deposits and inhibiting macrophage activation.

LUTEIN and ZEAXANTHIN
Are physiologically present in the retina in high quantities and have an antioxidant and optical filter action.

Proven effective in both prevention and treatment of an early form of atrophic, age-related macular degeneration

DOSAGE
It is recommended to take one capsule daily or 2, on medical advice. Do not exceed the recommended daily dose.

INGREDIENTS
ZINC GLUCONATE, TAURINE, MARIGOLD (TAGETES ERECTA L.) FLOWERS EXTRACT TIT. MIN. 10% IN LUTEIN ESTERS AND MIN. 4% IN ZEAXANTHIN (MARIGOLD, BULKING AGENTS: MICROCRYSTALLINE CELLULOSE, DIBASIC CALCIUM PHOSPHATE; ANTI-CAKING AGENT: SILICON DIOXIDE, STABILIZERS: TOCOPHEROL-RICH EXTRACT, ASCORBYL PALMITATE), GLUTATHIONE IN LIPOSOMAL FORM TIT. 20% (GLUTATHIONE, SUNFLOWER LECITHIN), BULKING AGENT: DIBASIC CALCIUM PHOSPHATE, ANTI-CAKING AGENT: MAGNESIUM SALTS OF FATTY ACIDS, COENZYME Q10, ANTI-CAKING AGENT: SILICON DIOXIDE, COPPER GLUCONATE, CHOLECALCIFEROL. OUTER CASING: HYDROXYPROPYL METHYL CELLULOSE, GELLING AGENT: GELLAN GUM, COLORING AGENT: YELLOW IRON OXIDE.

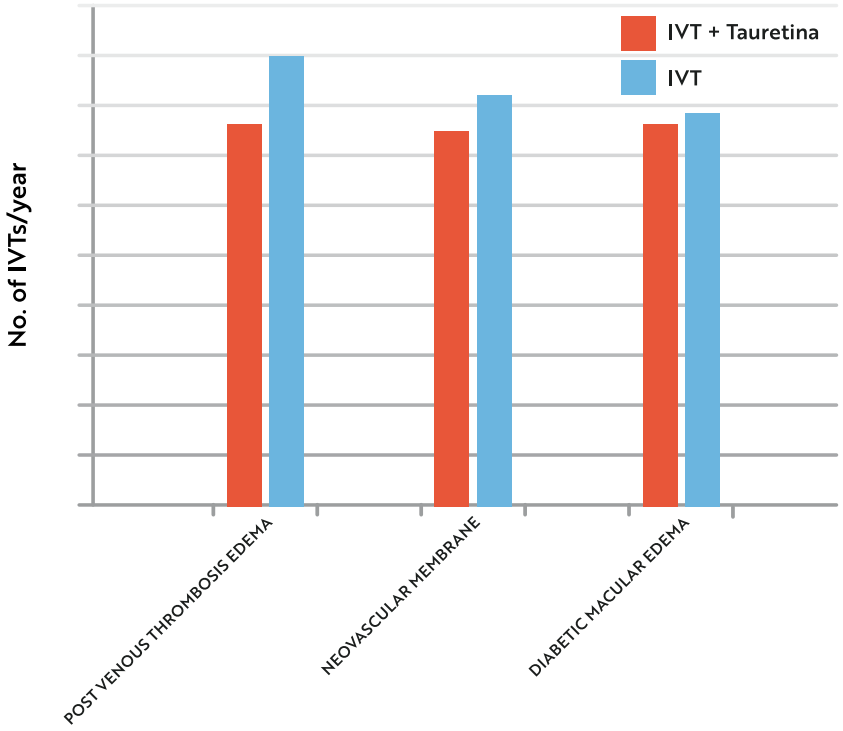
NUTRITIONAL INFORMATION

	each capsule	% VNR/ capsule
Taurine	100 mg	
Coenzyme Q10	5 mg	
Zinc	12,5 mg	125%
Copper	0,5 mg	50%
Cholecalciferol (Vit. D3)	10 µg	200%
Marigold ex. tit.	100 mg	
min. 10% in lutein and min. 4% in zeaxanthin		
Lutein	10 mg	
Zeaxanthin	4 mg	
Liposomal glutathione	50 mg	

Efficacy of anti VEGF IVT therapy combined with Tauretina® in retinal macular edema

Dr. M.C. Mallocci, Prof. M. Fossarello

FULL STUDY
https://bit.ly/3S27u6j



CONCLUSIONS

In all cases, there was a significant reduction in the number of ITs performed in one year; Anti VEGF is therefore the therapy of choice for the control of vascular disease, which, when combined with the use of TAURETINA®, can significantly reduce the average number of injections to be performed.

Efficacy and tolerability of Tauretina in prolonged treatment, five years on: CASE REPORT

Dr. Bruno Migliore

CLINICAL EXAMINATION

66-year-old woman, hypertensive, smoker, reported non-specific "visual disturbance"
VCC OO 9/10 poor
IOP OO 16 mmHg
FO OO generic "macular dystrophy" visible
Angio OCT OO RPE changes with presence of drusen, no serum or abnormal flows.

TREATMENT PROTOCOL

Tauretina 1 capsule daily (continuous cycles of 3 months of therapy interspersed with 1 month off).

RESULTS AFTER 5 YEARS

Examination requested by rheumatologist for rheumatoid arthritis and Plaquenil therapy for at least two years.
No longer reports any "visual disturbance".
VCC OO 10/10
IOP OD 15 mmHg OS 17 mmHg
FO OO nonspecific angiosclerosis with notes of macular dystrophy
Angio OCT OO shows no noteworthy changes, complete remission of previous changes. (Fig.2)

CONCLUSIONS

Administration of Tauretina for five years, as objectified on visus, FO and Angio OCT examination, has proven effective in both prevention and treatment of an early form of atrophic, age-related macular degeneration, despite age, onset of rheumatoid arthritis and Plaquenil therapy.

OFTALDERM WIPES

Cosmetic that can be used for the cleansing of eyelids and eyelashes in any situation requiring an effective and gentle sanitizing action.

COSMETIC

16 monodose sterile wipes

RRP in Italy:
€ 15.00

BIBLIOGRAPHIC EVIDENCE

- Catarrhal conjuntivitis
- Pre-post surgical hygiene
- Removal of squamous residues and make-up

STERILE A
PARFUM FREE
PRESERVATIVE FREE
OPHTHALMOLOGICALLY TESTED
DERMATOLOGICALLY TESTED ON SENSITIVE SKIN
ALSO FOR CHILDREN AND BABIES

Oftalderm Wipes is made of soft towels soaked in a creamy formulation that makes the application more comfortable and allows the removal of scaly residue, mucus or make-up. The plant extracts, with their emollient action, moisturize and refresh the eye area by providing relief in case of irritation. The product is particularly useful when hygienising the eye area in cases of high sensitivity, such as after ophthalmic surgery or in the presence of inflammatory and irritative phenomena of eyelid typically associated with secretion. The wipes can be used by contact lens wearers.

INSTRUCTIONS FOR USE

Open the bag from the precut with clean hands; take out the wipe and massage it gently onto the eyelids and eyelashes, keeping the eyes closed. Use a wipe for each eye, discard the wipe after use.
Do not rinse after application.

COMPOSITION

AQUA, CETEARETH-20, CETYL ESTERS, LAURYL GLUCOSIDE, ECHINACEA ANGUSTIFOLIA EXTRACT, 4-TERPINEOL, PROPYLENE GLYCOL, CARBOMER, LAURETH-9, DISODIUM EDTA, TRIETHANOLAMINE, PHENETHYL ALCOHOL, CAPRYLYL GLYCOL.

ACTIVE SUBSTANCES

TERPINEN 4-OL

Selective antibacterial activity on the main bacteria responsible for eyelid and eyelash infections (stapylococcus aureus, s epidermidis and pseudomonas aeruginosa); Anti-inflammatory activity; Acaricidal activity VS DEMODEX main cause of blepharitis (inflammation of the eyelids).

ECHINACEA ANGUSTIFOLIA

Emollient, anti-inflammatory, re-epithelizing activity.

Effective and gentle sanitizing action + relief in case of irritation

Bionativa S.p.A.
Via Raffaello 15
Loc. Sambuca Val di Pesa
50028, Barberino Tavarnelle (FI)
ITALY
bionativa.net

biofta.com

Bionativa

ORTHOPEDICS
NEUROLOGY

RIVER PHARMA

JOINT PAIN
OSTEOARTHRITIS
NEUROPATHIES

Bionativa

MADE IN ITALY, INSPIRING GLOBALLY

Originating from Biodue SpA's Own Brands Division, Bionativa continues its legacy of innovation in medical devices, cosmetics and dietary supplements, rooted in Tuscany's research and production excellence.

PHARCOS

AGEX by PHARCOS

Fitopreparatori Italiani®

BIOFTA

RIVER PHARMA

I.P. FARMA

EFFECTIVE AND SAFE PRODUCTS THROUGH SCIENTIFIC RESEARCH

In **Bionativa**, continuous innovation in product development is supported by scientific research in collaboration with leading research institutions. This approach allows us to create state of the art products focused on achieving effective outcomes, utilizing raw materials of the highest quality and meticulous processes.

- *380+ Products*
- *120+ Product brands, active ingredients and technologies*
- *10 Patents registered globally*
- *30+ R&D Projects annually*
- *40+ Scientific studies with 2,000+ participants*

OUR BRANDS

Bionativa unites leading brands in the Health & Beauty sectors under one corporate ethos, focused on the specifics of each area while sharing a common mission: to value professional advice in a constantly evolving market.

PHARCOS · *Dermatology and Cosmetics*
AGEX · *Aesthetic Medicine*
FITOPREPARATORI ITALIANI · *Proctology and Gastroenterology*
BIOFTA · *Ophthalmology*
RIVER PHARMA · *Orthopedics, Neurology*
IP FARMA · *Otorhinolaryngology, Gynecology, Pediatrics, Urology, Pneumology and General Surgery*

RIVER PHARMA Healthcare is Our Passion

The essence of the River Pharma brand is founded on constant research and innovation in cutting-edge orthopedics. River Pharma is recognized for its supplements and medical devices, noted for their comprehensive formulations, high bioavailability, and effectiveness of the active ingredients.

SYALOX 300 PLUS

The active substances contained in Syalox 300 Plus act on different biological pathways to support joint and connective tissue. Triple layer tablets grant a long lasting effect to the active ingredients ensuring better bioavailability and efficacy.

FOOD SUPPLEMENT
20 triple layered tablets
RRP in Italy:
€ 39.80

CLINICAL STUDY

GLUTEN FREE
LACTOSE FREE
PATENTED TECHNOLOGY
RAPID EFFECTIVENESS
GREATER BIOAVAILABILITY

Osteoarthritis of:

- Neck
- Back
- Shoulder
- Elbow
- Wrist
- Hips
- Knee
- Ankle

ACTIVE SUBSTANCES

HYALURONIC ACID *(high molecular weight)*

Prevents mechanical shock in synovial fluid and connective tissue; promotes structural integrity and elasticity in organic tissues; inhibits the formation of pro-inflammatory prostaglandin PGE2.

ACETYL-11-KETO-BETA-BOSWELLIC ACID

It is a powerful inhibitor of pain and inflammatory mediators. It protects the degradation of articular cartilage, prevents the denaturation of collagen and improves joint mobility by promoting a significant sensation of relief.

HA Hyaluronic Acid
high molecular weight of biofermentative origin

BOSWELLIA DRY EXTRACT TITRATED AT 10% AKBA
(3-O-Acetyl-11-Keto-β-Boswellic acid) potent anti-inflammatory that selectively inhibits 5-Lipoxygenase thereby blocking the synthesis of mediators of inflammation.

USES OF PRODUCT

Take 1 tablet per day, preferable before or during meals, with plenty of water.

INGREDIENTS

HYALURONIC ACID SODIUM SALT; BULKING AGENTS: MICROCRYSTALLINE CELLULOSE (CELLULOSE GEL), CALCIUM PHOSPHATES; ANTI-CAKING AGENTS: FATTY ACIDS, MAGNESIUM SALTS OF FATTY ACIDS, SILICON DIOXIDE; BOSWELLIA SERRATA (BOSWELLIA SERRATA ROXB, GUMMI) EXTRACT TIT.10% AKBA; COATING AGENTS: ETHYL CELLULOSE, POLYVINYLPYRROLIDONE, HDROXYPROPYL CELLULOSE, CARNAUBA WAX; COLOURING: E 132.

NUTRITIONAL INFORMATION

	(for 1 tablet)
Hyaluronic acid sodium salt	300 mg
Boswellia serrata ex.	100 mg
of which 3-O-Acetyl-11-Keto-β-boswellic acid	10 mg

Syalox® 300 Plus gave a greater improvement than treatment with Glucosamine and Chondroitin sulfate

Non-profit prospective observational study on the potential benefits of oral hyaluronic acid in patients with mild to moderate knee osteoarthritis

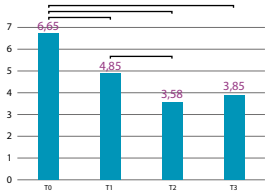
Edoardo Monaco, MD, PhD • Giorgio Rossi, MD • Pierfrancesco Orlandi, MD • Alessandro Carrozzo, MD • Alessandro Annibaldi, MD • Gianluca Ciccarelli, MD • Dario Perugia, MD - AOU Sant'Andrea, Università La Sapienza di Roma.

FULL STUDY
https://bit.ly/4bOItTb

TREATMENT: 1 tablet/day for 60 days
FOLLOW-UP: after 1 (T1), 3 (T2), and 6 (T3) months

RESULTS

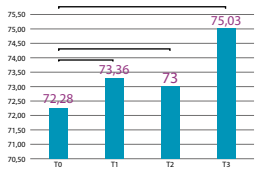
VAS (Visual Analogue Scale):
pain intensity assessment



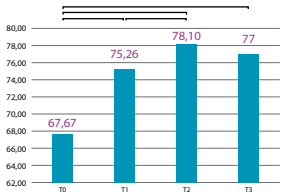
MARKED REDUCTION IN PAIN AFTER 1 MONTH OF TREATMENT
-27%

KOOS (Knee injury and Osteoarthritis Outcome Score):
knee joint symptoms

IMPROVEMENT IN THE PATIENT'S REPORTED JOINT SYMPTOMS



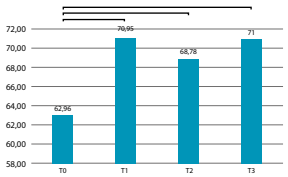
WOMAC (Western Ontario and McMaster Universities Osteoarthritis Index):
pain, stiffness and joint function assessment



THE SCORE HAS IMPROVED
11,2%
AFTER A MONTH OF TREATMENT

IKDC (International Knee Documentation Committee):
assessment of knee symptoms, function and sport activity

THE SCORE HAS IMPROVED
12,7%
AFTER A MONTH OF TREATMENT



CONCLUSIONS

Taking Syalox 300 Plus significantly reduced pain intensity after 1 month of treatment and improved knee function, stiffness, and patient-reported symptoms.

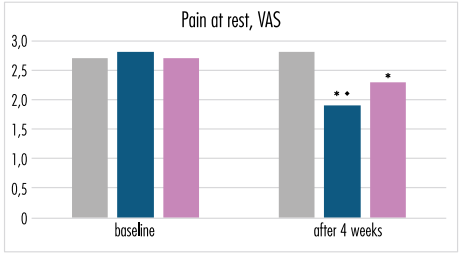
Efficacy and Safety of Two Chondroprotective Supplements in Patients With Knee Osteoarthritis: A Randomized, Single-Blind, Pilot Study

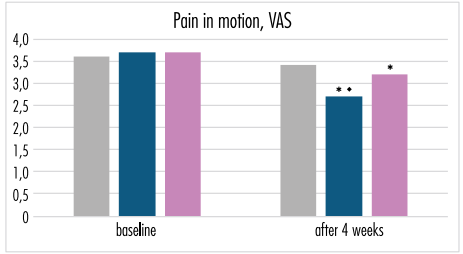
Piercarlo Minoretti • Andrés Santiago Sáez • Miryam Liaño Riera • Manuel Gómez Serrano • Ángel García Martín

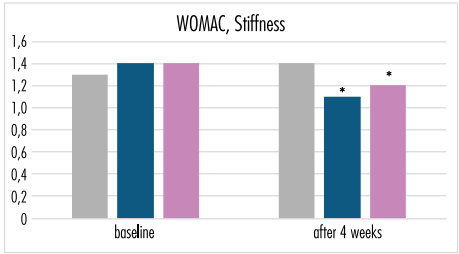
FULL STUDY
https://bit.ly/3vJ2xHP

TREATMENT: 1 tablet/day of Syalox 300 Plus or 1 tablet/day 415 mg Glucosamine + 400 mg Chondroitin sulfate and 50 mg curcuminoids

RESULTS







PLACEBO
SYALOX 300 PLUS
GLU + CS
* p<0.05 vs. baseline
◆ p<0.05 vs. Glu+CS

CONCLUSIONS

Both treatment groups reduced pain at rest and in motion and improved joint stiffness. However, Syalox 300 Plus gave a greater improvement than treatment with Glucosamine and Chondroitin Sulfate:

+125% reduction of pain at rest

+100% reduction of pain in motion

OXOKAL SIL

It plays a synergic key role by reducing the incidence of fractures and by improving bone homeostasis.

FOOD SUPPLEMENT
30 tablets
RRP in Italy:
€ 25.80

GLUTEN FREE
LACTOSE FREE

- Osteopenia
- Osteoporosis
- Prevention and treatment of fractures

ACTIVE SUBSTANCES

CALCIUM
Is essential for the mineralization and formation of bones.

VITAMIN D3
Promotes the absorption of Calcium and supports the maintenances of the bone compactness.

MENAQUINONE MK7
Promotes metabolism and mineralization of the bone tissue intervening in the calcification process: it is an essential cofactor that functionality of Osteocalcin (Gla-protein) actives.

OSTEOCALCIN
Essential to bind Calcium for the mineralization and microarchitecture of bones with a subsequent increase of bone strength.

SILICON
Is naturally associated to Collagen as it establishes hydrogen bonds with the amino acids which form the collagen fibrils: thus contributing to develop a solid and strong collagen structure.

DOSAGE
Take 1 tablet per day. It is recommended to take the product for 60 days.

INGREDIENTS
CALCIUM CARBONATE; BULKING AGENTS: MICROCRYSTALLINE CELLULOSE; VITAMIN E
(DL- α TOCOPHERYL ACETATE); ORTHOSILICIC ACID STABILIZED WITH CHOLINE TIT. 25%; ANTI-CAKING AGENTS: MAGNESIUM SALTS OF FATTY ACIDS, SILICON DIOXIDE; VITAMIN K (MENAQUINONE); ZINC OXIDE; *VNR = VALORI NUTRITIVI DI RIFERIMENTO GIORNALIERO (ADULTI)- REG. UE N. 1169/2011 VITAMIN D (CHOLECALCIFEROL)

NUTRITIONAL INFORMATION

	(for 1 tablet)
Organic Silicon	5,0 mg
Calcium	150 mg
Vitamin D	25 mcg (1000 UI)
Vitamin K (MK7)	180 mcg
Zinc	10 mg
Vitamin E	10 mg

Promotes mineralization of the bone tissue

Improves quality and strength of bone

SYALOSET PLUS / 2000

Temporary substitute of the synovial liquid indicated for pains and reduction of the mobility in the patients affected by degenerative or traumatic arthropathy at the synovial joint level. The product acts by providing lubrication and mechanical support and is especially suitable for the OA symptoms treatment.

- Temporomandibular
- Osteoarthritis: cervical, lumbar, ankle, elbow, shoulder, wrist, toe
- Coxarthrosis
- Gonarthrosis
- Rhyzarthrosis

ACTIVE SUBSTANCES

SODIUM HYALURONATE

Syaloset is a sterile, non-pyrogenic and viscoelastic solution manufactured with Hyaluronic acid sodium salt of very high purity grade, with molecular weight: 2.000.000 Da.
The intra-articular administration of hyaluronic acid is able to restore the viscoelastic properties of synovial fluid, with a significant improvement of joint mobility and the consequent attenuation of pain.
It has analgesic and anti-inflammatory effects and provides significant and long term pain and stiffness relief.
A combined therapy of **Syaloset** and oral supplementation with **Syalox 300 Plus** can promote the body's own production of hyaluronic acid and significantly increase the effects.

ORTHOPEDICS

4 ml prefilled syringe 60 mg HA

RRP in Italy:
€ 98.00

ONE SHOT THERAPY

ORTHOPEDICS

2 ml prefilled syringe 30 mg HA

RRP in Italy:
€ 58.00

1 INJECTION A WEEK FOR 3 WEEKS

STERILE

MANUFACTURED IN ITALY ACCORDING TO THE HIGHEST INTERNATIONAL STANDARDS FOR MEDICAL DEVICES

HYALURONIC ACID FROM BIO-FERMENTATION

NON-ANIMAL ORIGIN

NO RISK OF ALLERGIC REACTIONS TO ANIMAL PROTEINS

***Reduces pain* and improves mobility**

NEVRALIP 600 RETARD

For every clinical situation concerning a hypersensitive nervous system. It activates the sensitivity and peripheral nerve function. A winning formula against nerve hypersensitivity

FOOD SUPPLEMENT
30 tablets
RRP in Italy:
€ 29.80

CLINICAL STUDY

GLUTEN FREE
LACTOSE FREE

- Diabetic neuropathy
- Entrapment neuropathy
- Peripheral neuropathy
- Post surgery or neurodegenerative disease
- Redox imbalance
- Normalizes the levels of blood sugar, by reducing glycosylation

ACTIVE SUBSTANCES

α-LIPOIC ACID

This is a fatty acid with a powerful antioxidant effect that helps fight oxidative stress caused by free radicals, both outside and inside the nerve cell. The neuroprotective antioxidant effect improves nerve conduction and endo-neural blood flow, reducing pain and hypo-dysthesias.

CHROMIUM

Reduces and normalizes blood glucose levels and reduces the levels of cholesterol in the blood. Powerful antioxidant present in many immune processes. Allows normal function of the nervous tissue.

BIOTIN

Useful during medium to long periods of LA (Lipoic Acid) consumption, known to interfere with the biosynthesis of Biotin. Improves skin trophism in patients affected by diabetes. Combined with α-lipoic acid 600 mg, it improves the nerves' peripheral functionality while reducing nerve degeneration.

INSTRUCTIONS FOR USE

1 tablet a day, taken with abundant water or a fruit juice, preferably on an empty stomach. The presence of food may significantly reduce the bioavailability of α-Lipoic Acid (by up to 30%). It can be taken during or after therapy with painkillers or anti-inflammatory medications.

AVERAGE CONTENTS

	Per daily dose (1 tab)	%NRV*
α Lipoic Acid	600 mg	
Vitamin E	15 mg	125%
Zinc	10 mg	100%
Pantothenic Acid	9,0 mg	150%
Vitamin B6	3,0 mg	214%
Thiamine	2,0 mg	182%
Chromium Picolinate	0,8 mg	
equal to Chromium	100 µg	250%
Biotin	100 µg	200%
Selenium	50 µg	91%

%NRV = percent of nutrient reference value (EU Reg. no. 1169/2011)

***Reduces neurophatic symptoms* and improves quality of life**

Effect of α-lipoic acid on symptoms and quality of life in patients with painful diabetic neuropathy

FULL STUDY
https://bit.ly/4d1ij0F

OBJECTIVE

To examine the effect of α-lipoic acid on neuropathic symptoms in patients with diabetic neuropathy (DN).

METHODS

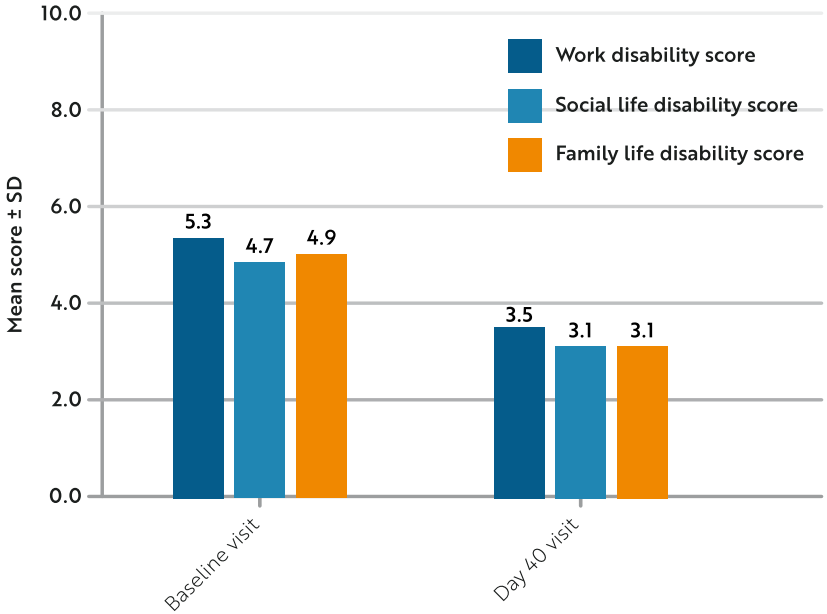
Patients with painful DN were treated with 600 mg/day α-lipoic acid, orally, for 40 days. Neuropathy Symptom Score (NSS), Subjective Peripheral Neuropathy Screen Questionnaire (SPNSQ) and douleur neuropathique (DN) questionnaire scores were assessed at baseline and day 40.
Quality-of-life treatment effects were assessed by Brief Pain Inventory (BPI), Neuropathic Pain Symptom Inventory (NPSI) and Sheehan Disability Scale (SDS). Changes in body weight, arterial blood pressure, fasting serum glucose and lipids were also assessed.

RESULTS

Out of 72 patients included, significant reductions in neuropathic symptoms were shown by reduced NSS, SPNSQ and DN4 scores at day 40 versus baseline.
BPI, NPSI, and SDS in terms of work disability, social life disability, and family life disability scores were also significantly reduced.
Moreover, 50% of patients rated their health condition as 'very much better' or 'much better' following α-lipoic acid administration. Fasting triglyceride levels were reduced, but no difference was found in body weight, blood pressure, fasting glucose, or other lipids at day 40 versus baseline.

CONCLUSIONS

A-lipoic acid administration was associated with reduced neuropathic symptoms and triglycerides, and improved quality of life.



NEVRALCAR DUO

Dietary supplement indicated for any clinical situation characterized by neuropathic pain. Protects cells from oxidative stress, helps maintain normal nervous system function.

FOOD SUPPLEMENT

60 slow release tablets

RRP in Italy:
€ 36.80

HYPERSENSITIVE NERVOUS SYSTEM

SLOW RELEASE
GLUTEN FREE
NATURALLY LACTOSE FREE

- Diabetic neuropathies
- Chemotherapy-associated neuropathies
- Post-herpetic neuropathies

ACTIVE SUBSTANCES

α LIPOIC ACID

This is a fatty acid with a powerful antioxidant effect that helps fight oxidative stress caused by free radicals, both outside and inside the nerve cell. The neuroprotective antioxidant effect improves nerve conduction and endo-neural blood flow, reducing pain and hypo-dysthesias.

ACETYL-L-CARNITINE

Has an antioxidant, neurotrophic and analgesic action. It helps to produce energy by facilitating the transport of fatty acid to the mitochondrial site. The controlled release ensures consistent dosing over time and prolonged efficacy, a prerequisite for treating chronic neuropathic problems.

DOSAGE AND INSTRUCTIONS FOR USE

It is advised to take two tablets per day with plenty of water, preferably on an empty stomach.

COMPOSITION

ACETYL L-CARNITINE HCL; α-LIPOIC ACID; ANTI-CAKING AGENTS: FATTY ACIDS, TALC, MAGNESIUM SALTS OF FATTY ACIDS, SILICON DIOXIDE; BULKING AGENT: MICROCRYSTALLINE CELLULOSE (CELLULOSE GEL); COLORING AGENT: IRON OXIDE; COATING AGENT: HYDROXY-PROPYL CELLULOSE, CARNAUBA WAX.

AVERAGE CONTENTS

	Per daily dose (2 tablets)
Acetyl L-Carnitine HCl	1180 mg
of which Acetyl L-Carnitine	1000 mg
α-Lipoic Acid	600 mg

Innovative pharmacological association of Acetylcarnitine and α-lipoic acid that act on the causes of neuropathic pain

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ITALY
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riverpharma.it