

cosmelan®

85



Me

dark spots
under the expert light

the element for skincare experts

cosmelan®
the authentic
depigmenting
method

 cosmelan®: real experiences

"I liked the way it removed my dark spots, a breakthrough that has helped me to raise my self-esteem. It has also improved the quality of my skin, and the fine wrinkles on my forehead have disappeared. In general, my skin is brighter and more radiant."

Carmen, 44 years.

"I thought that no treatment would help me, but I had no choice to change my mind. **cosmelan®** is really effective, and finding it has been a turning point for me"

Paulina, 32 years.

"I am very surprised with the result, it is extraordinary. Little by little you see the results and you see that they are maintained over time. There is no regression, is a constant progression. 10 out of 10"

Isabel, 51 years.

"I love the results. It is a tough treatment. It requires a lot of commitment and perseverance at home and with continuous visits to my beauty clinic for follow-up, but in the end, the result is worth it."

Noelia, 45 years.



More than 1
million patients



Dual action with
unique efficacy



Excellent clinical
results

"Delighted with the results. Also, following this treatment for several months has made me aware of the daily use of sun protection, I love **mesoprotech® melan 130**, as it perfectly matches my skin tone."

Elizabeth, 42 years.

"After only 2 years, I started to get dark spots all over my face, which caused me a lot of stress and worry. The result with **cosmelan®** has been much better than I expected. I had tried other treatments, but the result is nothing like any of the previous ones".

Dolores, 48 years.

"I was delighted with how fast it removed my dark spots. It was a satisfactory and recommendable experience, both emotionally and aesthetically, for me."

Cristina, 48 years.



High
patient satisfaction



Wide
professional trust



Patent that endorses
its innovation

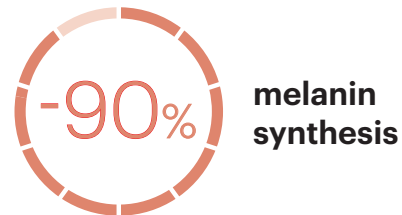
cosmelan®: what is it and what does it consist in?

cosmelan® is a depigmenting method that fully removes spots of melanic origin and prevents their reappearance, achieving a short-term outcome while keeping the hyperpigmentation under control for a long-lasting outcome.

DEPIGMENTATION ACTION

in-vitro results

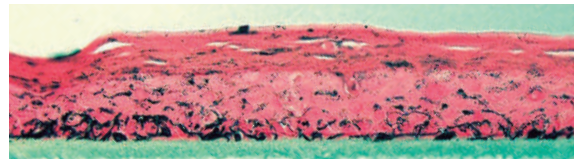
Total melanin test in melanocyte culture stimulated with L-Tyrosine and treated with cosmelan®.



ex-vivo results¹

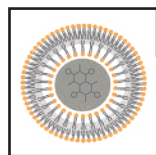


Control



cosmelan®

Encapsulated complex



cosmesome®

A flexible, encapsulated complex containing two active ingredients with antioxidant properties: **apigenin and phloretin**. Its three-dimensional structure provides stability to the active ingredients.

**less
melanin**



Autophagy²

Auto-regulating mechanism for the overproduction of melanin.

x3

autophagy
marker

⌋ ATG5, ATG7, LC3



Epigenetics³

Reduction of the gene expression of enzymes that activate melanogenesis.

⌋ DCT, MITF y TYRP1

**antiaging
action⁴**

Increase in collagen and elastin synthesis.

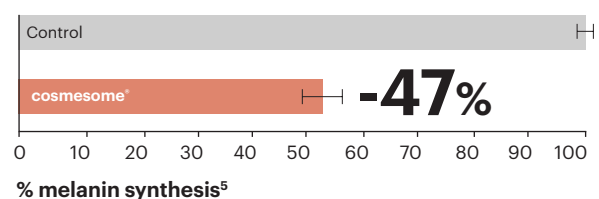
Reduction of metalloproteinases (MMPs), enzymes that degrade collagen.

⌋ TIMP1, which inhibits MMPs

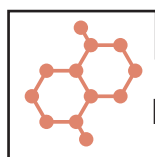
in-vitro results

EFFICACY OF cosmesome®

We have proven the efficacy of the depigmentation action of the complex encapsulated by a conduction system made up of apigenin and phloretin.



Patent that endorses its innovation



melaphenone®



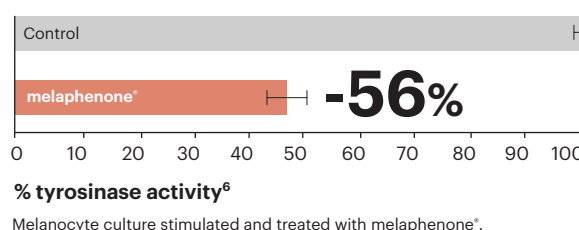
Own molecular design. Its 3D conformational and molecular structure offers high safety and specificity in inhibiting the enzyme tyrosinase's activity.

DEPIGMENTATION ACTION

in-vitro results

EFFICACY OF melaphenone®

Its efficacy in inhibiting enzyme tyrosinase is proven by regulating melanin synthesis.



OXIDATIVE ANTI-STRESS ACTION⁷

They are subjected to oxidative stress in a test conducted on fibroblasts cultures that are applied by a fluorogenic probe.



control + oxidative stress

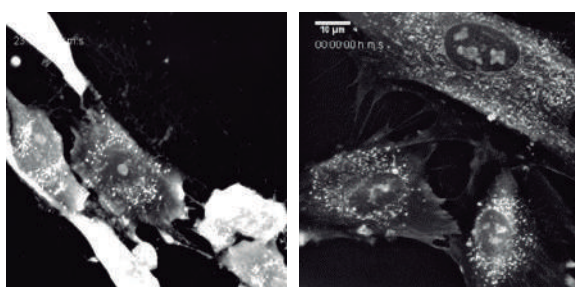
In the control subject to oxidative stress, we observe an increase in fluorescence (mainly in the nucleus), which is related to cell damage.

melaphenone® + oxidative stress

In the fibroblasts culture subject to oxidative stress and treated with melaphenone®, we observe a lower signal, similar to the initial state, which evidences the protective effect of melaphenone® and its antioxidant capacity.

ANTI-GLYCATION ACTION⁸

In real-time 3D microscopy we can see that glycation causes cell damage involving the typical morphological changes of cell death (control).



control

melaphenone®

We have demonstrated an anti-glycation action in cells treated with melaphenone®, as cell activity and its integrity are maintained. As a result, the active ingredient protects against the damage induced by glycation.

cosmelan®: how does it work?

The **cosmelan®** formula is a unique combination of active ingredients of proven efficacy that acts on the entire process of spot formation to remove the accumulation of melanin and inhibit the formation of new spots.

Spot formation process

Melanin built up on the surface forming visible spots.

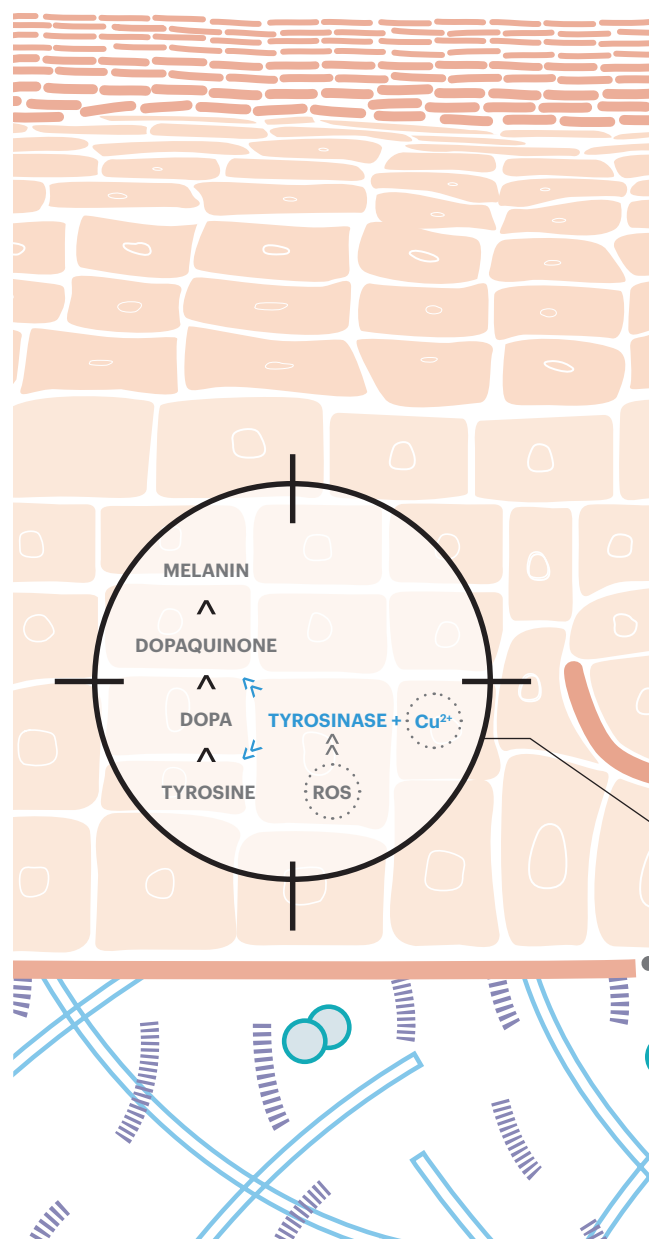
Melanin rise to the uppermost skin layers and darkening of the pigment.

Transfer of the melanin formed through the melanocyte dendrites to the epidermal cells.

Stimulation of melanin synthesis by multiple factors (sun radiation, genetic predisposition, hormonal changes, inflammatory processes, etc.).

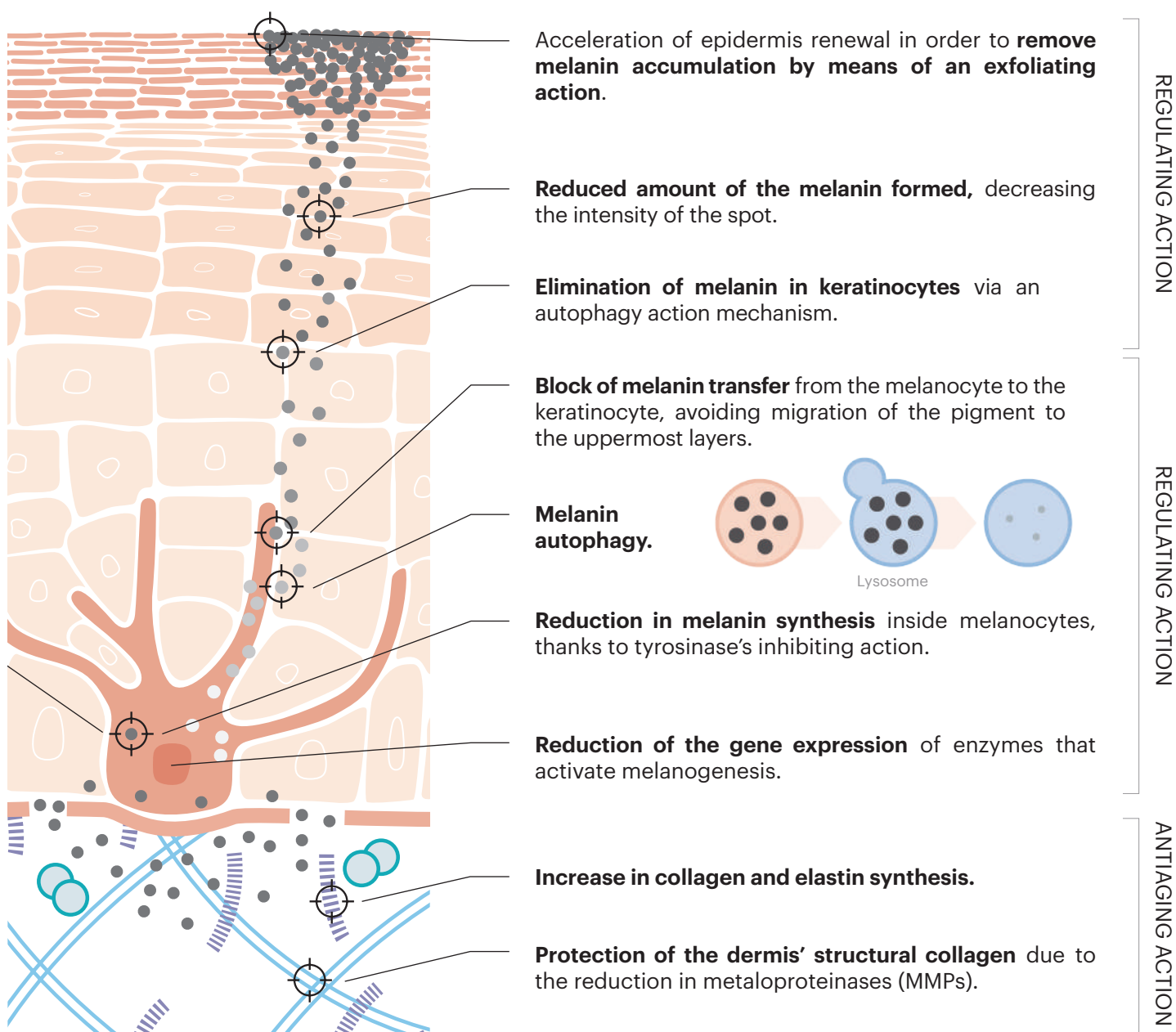
Alteration of the dermoepidermal barrier. The melanin formed descends to the dermis.

Structural changes in collagen and elastin (solar elastosis).



The synergistic corrective, regulating and antiaging action make it a unique and comprehensive treatment.

action mechanisms cosmelan®



cosmelan®: products and protocol

Product for exclusive use by professionals



oil removing solution

Oil removing solution.

CLEANSING AND PREPARING

Apply oil removing solution on clean, dry skin with the help of a gauze. It helps remove the hydrolipid film in order to facilitate the penetration of active ingredients, maximising the treatment's efficacy.

10-ml bottle



cosmelan® 1

Facial mask for professional use.

INTENSIVE DEPIGMENTATION

Professional treatment with a concentrated formula that allows to stimulate intensively skin renewal to remove the existing spots.

6/8h action time, depending on the severity of the spot and the skin's characteristics.

10-g jar

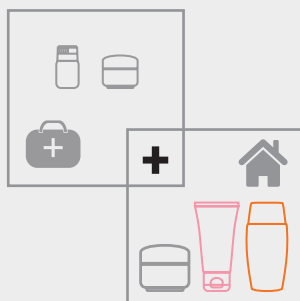


Depigmenting power



Regulating capacity

The **cosmelan®** method must be completed to achieve the target outcome.



The synergistic action of the method's products ensure:

⧗ Greater *depigmentation efficacy*.

⧗ Further **comfort** during the treatment.

⧗ Lower **risk of repigmentation**.

Monitoring the home guideline is essential to achieving the depigmenting objective in the short and long term.

🏠 Home use products



cosmelan[®] 2

Facial cream for home use.

DEPIGMENTING AND REGULATING

Depigmenting cream. Home treatment complementing **cosmelan[®] 1** that attenuates spots and regulates melanin overproduction, preventing their reappearance.

30-g jar



Depigmenting power



Regulating capacity



mesoprotech[®] melan 130 pigment control

Facial sunscreen for home use.

SPECIFIC PHOTOPROTECTION FOR PIGMENTED SKIN

Very high sun protection with colour and with maximum efficacy and safety against 131 UVB and 67 UVA. It protects the skin and helps control skin pigmentation.

50-ml bottle



Protective action



Regulating capacity



melan recovery

Facial balm for home use.

SOOTHING AND REGENERATING

Renourishes and rebalances skin subject to tissue renewal treatments.

Soothes and reduces sensitivity, providing comfort against inflammation and redness.

50-ml tube



Soothing action



Regulating capacity



oil removing
solution



cosmelan® 1



IN CONSULTATION TREATMENT



intensive
depigmentation

STEP 1

SKIN CLEANSING AND PREPARATION

Apply **oil removing solution** on clean, dry skin with the help of a gauze.

STEP 2

APPLICATION OF THE COSMELAN® 1 MASK

Apply **cosmelan® 1** mask evenly to the whole face, with the help of a spatula or your hands, using gloves. Avoid the eye contour.

To ensure its efficacy, we recommended applying the entire product.

skin severity	normal / combination oily	dry / sensitive or thin
Moderate	8h	6h
Severe	8h	8h

Table of estimated duration of application of cosmelan® 1 recommended by mesoestetic.

Allow to act on the skin for the time recommended by the professional.

It is important to ensure that the mask remains wet throughout its use. A water spray can be used to prevent it from drying.



cosmelan® 2

melan
recoverymesoprotech® melan
130 pigment control

6-8 h



7 days



HOME TREATMENT

6 MONTHS

continuous depigmentation
and regulation of hyperpigmentation

Initiate the home treatment 7 days after removing the mask.

The home guideline provides a **continuous depigmentation action**, progressively moderating spots during the treatment. It also has a long-term **regulating effect** inside the melanocyte, reducing melanin synthesis and acting on the origin of hyperpigmentation **to control the spots' reappearance**.



COSMELAN® 1 REMOVAL

Remove the **cosmelan® 1** mask by carefully rinsing with plenty of lukewarm water.

Then follow with the necessary homecare as prescribed by your professional to increase skin hydration and/or improve any skin sensitivity. Photoprotection may be applied several times during the day if needed.

RECOMMENDED HOME GUIDELINE



Apply **cosmelan® 2** twice a day (morning and night) followed by **melan recovery** and **mesoprotech® melan 130 pigment control** during daytime applications.



cosmelan® is a dose-dependent treatment.

During the home phase, if the expected reactions prevent you from following the established guideline, temporarily apply once a day and resume the guideline once the skin has recovered.

 cosmelan®: clinical results*

before



after



before



after



before



after



before



after



before



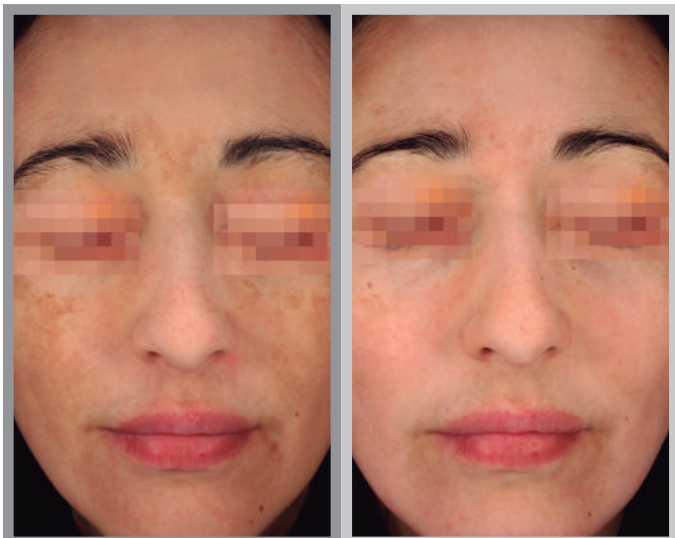
after



before



after



before

after



before

after



before

after



before

after



before

after



before

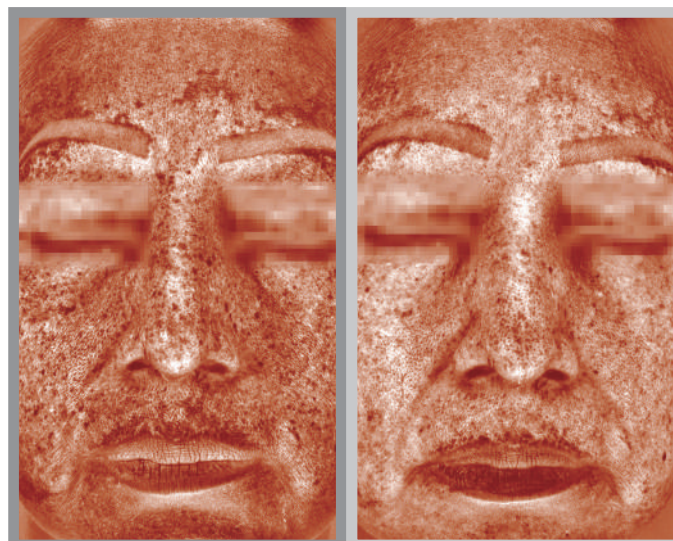
after

cosmelan®: clinical results*



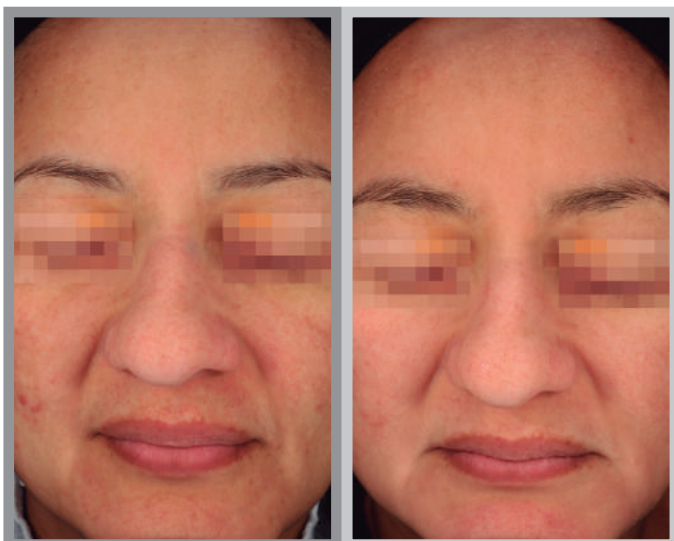
before

after



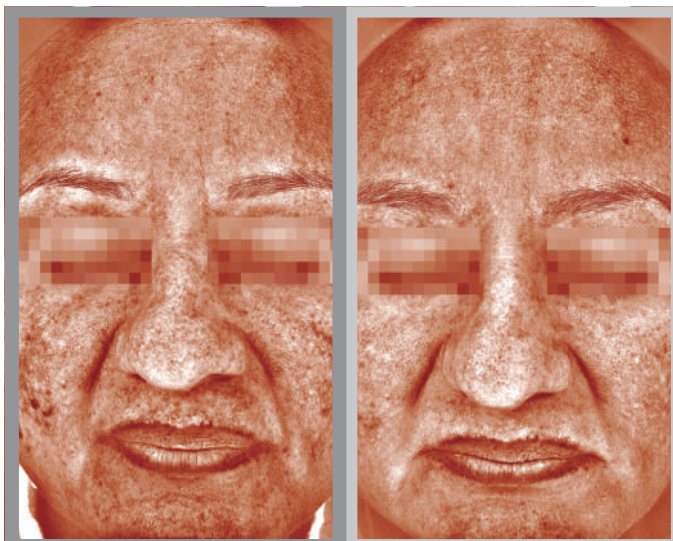
before

after



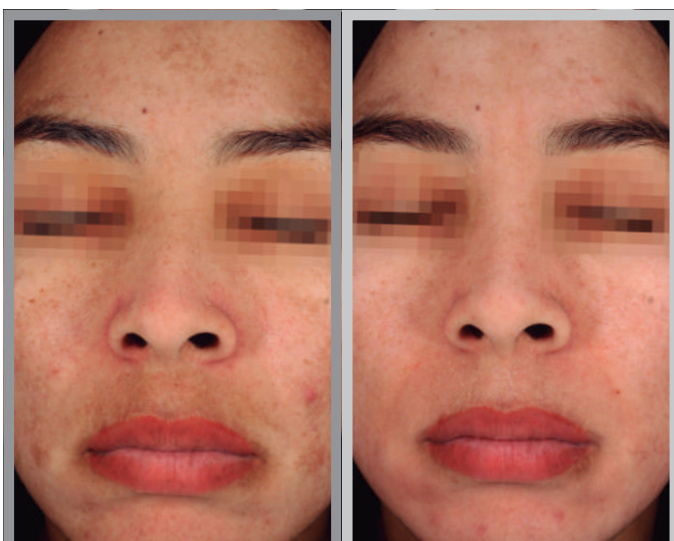
before

after



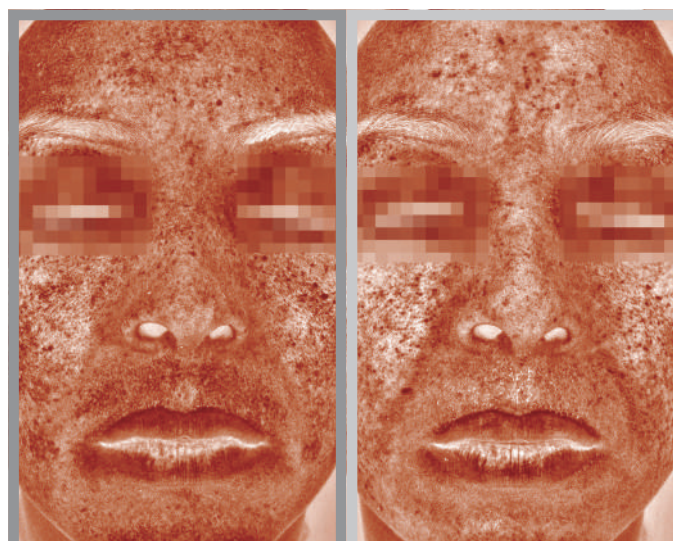
before

after



before

after



before

after

Other complementary depigmentation solutions

Products for professional use



50 ml bottle

Texture: solution

mesopeel[®] melanostop tranex

Depigmentation peel that accelerates epidermal renewal for the elimination of superficial melanin. Provides visible improvement in tone and luminosity.

INDICATIONS

Superficial and epidermal hyperpigmentation, mild solar lentigos, ephelides, dull or uneven skin tone and photoaging.

DIFFERENTIAL INGREDIENTS

Glycolic acid, kojic acid, salicylic acid, tranexamic acid, hexylresorcinol, caffeic acid, senopeptide[®].



5 x 5 ml

c.prof 210 depigmentation solution

Transcutaneous solution that regulates melanin production and removes the melanin responsible for visible pigmentation. It contains antioxidant agents that regulate melanin overproduction.

INDICATIONS

Superficial hyperpigmentation, solar lentigines or HPI in light and medium phototypes (I-III), dull or uneven skin tone.

DIFFERENTIAL INGREDIENTS

Vitamin C + idebenone + NAG (n-acetyl glucosamine) + tranexamic acid.

Home products



melan tran3x concentrate & melan tran3x gel cream

30 ml / 50 ml

Home depigmentation programme whose formulas, with a synergistic action, act on hyperpigmentation on a daily and progressive basis, attenuating dark spots. With tranexamic acid.

cosmelan[®] and laser¹

The cosmelan[®] method is compatible with the laser treatment for hyperpigmentation. After ending a laser treatment, home use of the cosmelan[®] method is advisable to complete the corrective action and provide a regulating action, essential for more intense, long-lasting results.

¹ Skin Therapy Lett. 2016 Jan;21(1):1-7.



More than 1 million patients. A long track record guarantees the efficacy of the cosmelan® method.

Dual action with unique efficacy. Comprehensive treatment with short- and long-term results to keep hyperpigmentation under control.

Excellent clinical results. Efficacy studies support its success in all types of skin, hyperpigmentation and ethnicities.

High patient satisfaction visible results from the first week of treatment.

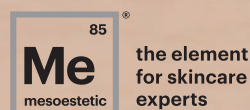
Wide professional trust. Thousands of professionals treat hyperpigmentation with the cosmelan® method and recommend it to their patients.



Additional recommendations

The cosmelan® method is not recommended in the following cases: pregnancy or when planning to become pregnant, breastfeeding, minors under 12, patients with skin diseases or allergic to some components in the formulation, patients with solar erythema (avoid exposure to UV radiation during 15 days before performing the treatment), patients with bacterial, viral, mycotic or herpetic infection. Possible unwanted, expected transient effects associated with the cosmelan® treatment: Oedema / erythema: they may appear after treatment. It is transient and completely normal. Peeling: expected evolution after performing the treatment. It usually occurs after 2-3 days. It can persist for several days until the renewal is completed. Stinging / burning: depending on the skin's sensitivity, a stinging sensation may appear in the intensive in consultation treatment and when applying cosmelan® 2 during the home treatment. Tightening sensation: the cosmelan® treatment is associated with changes in the skin's condition, therefore, the tightening sensation is common due to these changes and skin regeneration.

1. INF489.UB.MAR.2022 Report depigmenting efficacy in reconstituted epidermis - Apigenin + Floretin 2. INF397.UB.MAR.2022 Report stimulation of autophagy in melanocytes - Apigenin and Floretin 3. INF392.UB.MAR.2022 Report inhibition of Wnt pathway in melanocytes - Apigenin INF393.UB.MAR.2022 Report inhibition of Wnt pathway in melanocytes - Floretin 4. INF322.UB.MAY.2021 Report senolytic and senomorphic effect - Floretin 5. INF390.UB.FEB.2022 Report melanin - Apigenin-Floretin synergy-additive 6. INF266.UB.MAY.2021 Report direct tyrosinase inhibition and melanin- melaphenone 7. INF473.UB.MAY.2022 Report protection against oxidative stress by microscopy - melaphenone 8. INF376.UB.DEC.2021 Report protection against glycation by microscopy - Melaphenone.



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For questions about the cosmelan® method, please scan the QR code.

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