

mesoestetic®

.com



Me

mesopeel®
combined power
for every skin need

with the exclusive senopeptide® and multi-acid technology

the element for skincare experts



peeling professional solutions

Chemical peel

Chemical peels are dermo-cosmetic procedures formulated to promote accelerated and controlled skin



Chemoexfoliating agent



Peeling or exfoliation

Indications



SKIN AGING

Progressive and **multifactorial** biological process. It is manifested differently in each person depending on their genetics and exposure to external factors:¹

Main signs of aging:



Lack of luminosity, tone and irregular texture, dehydration.



Dynamic and gravitational wrinkles.



Flaccidity and loss of definition of the facial oval.



Loss of skin density. Dilated pores, dryness.



EYE CONTOUR

It is the **first area to show signs of aging**. Its differentiated anatomical characteristics **require specific treatments** for this area: thin and sensitive skin, complex lymphatic drainage system, high blood supply, constant muscle activity, and loss of lipid packages with aging.²



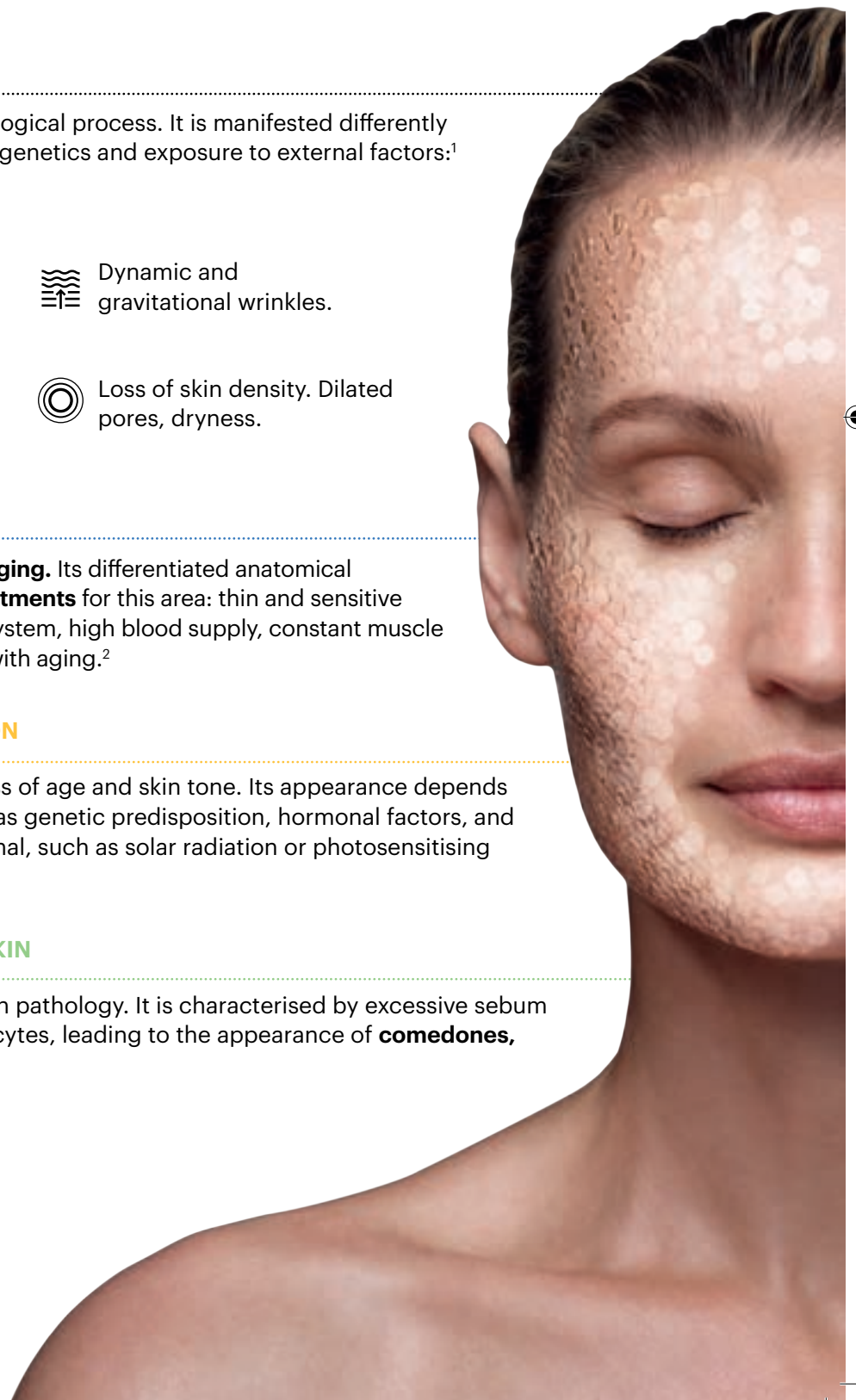
SKIN HYPERPIGMENTATION

Very common alteration, regardless of age and skin tone. Its appearance depends on **multiple factors**: internal, such as genetic predisposition, hormonal factors, and inflammatory processes, and external, such as solar radiation or photosensitising medication.³



OILY AND ACNE-PRONE SKIN

Acne is an extremely prevalent skin pathology. It is characterised by excessive sebum production and increased keratinocytes, leading to the appearance of **comedones, inflammatory lesions, and scars**.⁴





Me

regeneration by applying chemical exfoliants.



Skin regeneration

A versatile and effective procedure that provides immediate and cumulative results:



Purifies the skin.



Improves texture, minimizes enlarged pores and softens skin relief.



Combats the effects of skin aging, reduces wrinkles, and provides turgidity and elasticity.



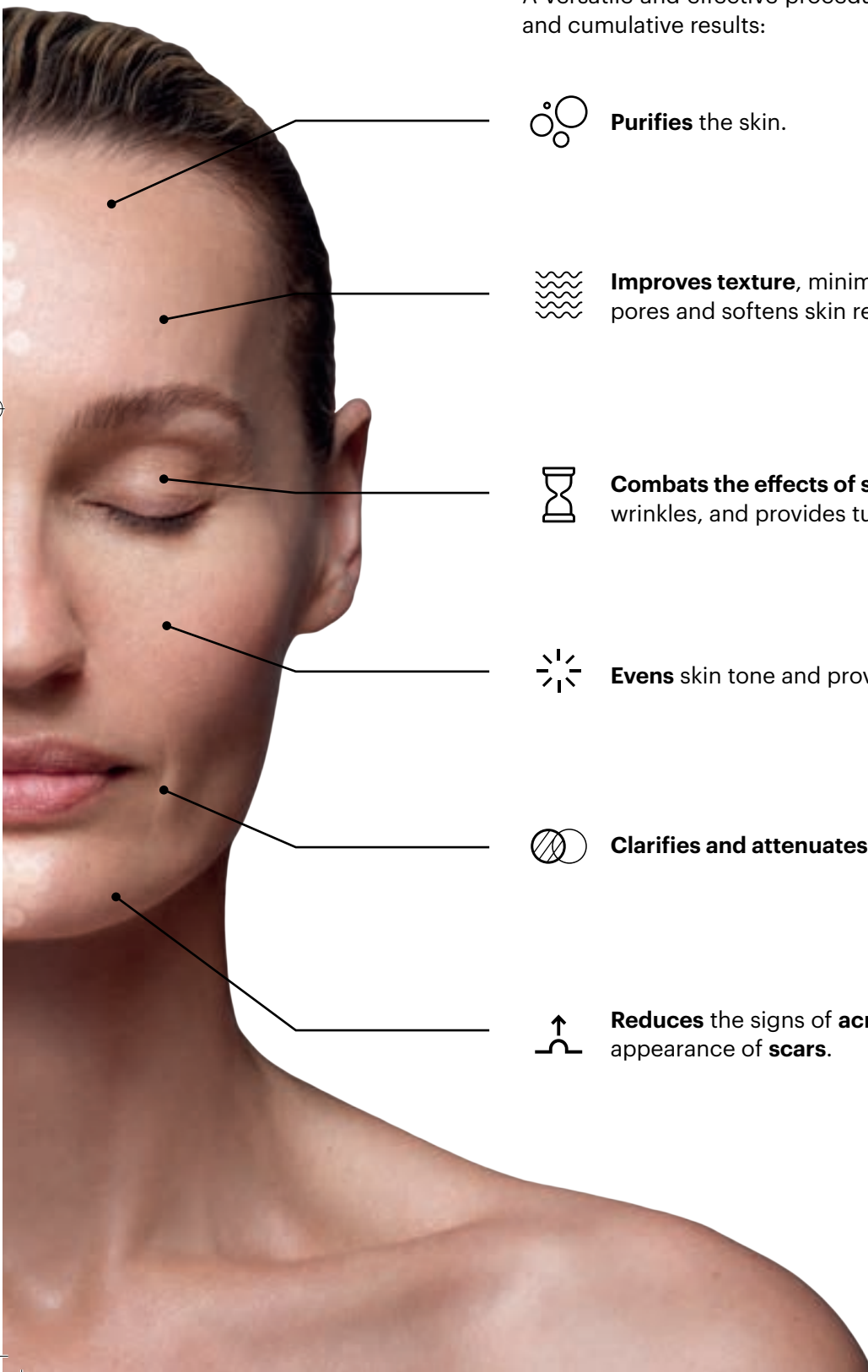
Evens skin tone and provides luminosity.



Clarifies and attenuates skin hyperpigmentation.



Reduces the signs of **acne** and improves the appearance of **scars**.



mesopeel® professional

To continue offering pioneering and practical solutions to the professional, mesoestetic® presents an innovative range of chemical peels to treat the main aesthetic concerns effectively, safely, and predictably.



**Safety packaging,
pharmaceutical quality**



**Efficacy guaranteed by
clinical studies**



**Tangible and
immediate results**



**In vitro and ex vivo
efficacy studies**



**Precise and synergistic
combination of chemoexfoliating
agents**



**Versatile tool for optimizing
multiple aesthetic protocols**



AGING



PIGMENTATION



**OILY AND ACNE
PRONE SKINS**



jessner pro



eyecon



**melanostop
tranex**



blemiskin

INDICATION

Global anti-aging action: loss of luminosity, wrinkles, and flaccidity.

Signs of ageing of the periocular area: wrinkles, flaccidity, pigmentation.

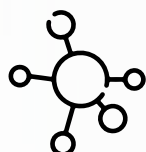
Depigmentation action. Attenuation of hyperpigmentation: lentigos, ephelides, photoaging.

Oily and acne-prone skin: excess sebum, shine, dilated pores, blemishes.



mesoestetic® innovation

The new mesopeel® formulas incorporate an **exclusive and proprietary peptide** with a powerful **regenerating and senolytic action** that allows the skin to recover from the controlled aggression of chemoexfoliating agents.



Exclusive transversal peptide:
SENOPEPTIDE®

Senescence is a state in which damaged or aged cells lose the ability to divide (cell proliferation stops). Senescent cells are not eliminated, they accumulate and secrete inflammatory molecules and enzymes that degrade tissues.⁵

senopeptide® provides an **antiaging action**, optimising cellular metabolism by selectively inducing the elimination of senescent cells.



Senolytic and
renovating
action.



Proprietary
molecular
design.



Its molecular structure
provides a powerful
regenerating action.

Types of acids

The precise and synergistic combination of chemical exfoliants allows obtaining formulas specific to each indication. The following types of acid are used in the mesopeel® range:

alpha hydroxy acids (AHA)⁶

GLYCOLIC ACID, MANDELIC ACID, LACTIC ACID, AND CITRIC ACID

They stimulate cell regeneration by promoting the **synthesis of structural elements**.

polyhydroxy acids (PHA)⁸

GLUCONOLACTONE, ACTOBIUM ACID, MALTOBIUM ACID

They have benefits similar to alpha-hydroxy acids (AHA). Optimal balance between efficacy and tolerance for **dry and sensitive skin**.

beta hydroxy acids (BHA)⁷

SALICYLIC ACID

Keratolytic, comedolytic, anti-inflammatory and antimicrobial effect.

retinoic acid precursors (RA)⁹

They stimulate epidermal cell renewal and enhance **collagen, elastin, and fibronectin synthesis**.

Active ingredients **precursors** of the retinoic acid incorporated in mesopeel®:



retinol



retinal



retinoic acid (active form)



mesopeel® professional Products

AGING



50 ml bottle
aqueous solution

mesopeel® jessner pro

Retexturises, attenuates wrinkles and expression lines, improves firmness, revitalises and provides luminosity.

INDICATIONS

Signs of mild aging: superficial wrinkles, enlarged pores, dull skin, opaque and irregular skin tone.

EXCLUSIVE COMMON PEPTIDE

senopeptide®

DIFFERENTIAL INGREDIENTS

Lactic acid, citric acid, glycolic acid, salicylic acid, malic acid, tartaric acid, retin@l, bakuchiol



PROTOCOL

No. recommended layers: 2 layers
Exposure time: 5 minutes per layer
ml per layer: 2 ml



RECOMMENDED SESSIONS

3-5 sessions with intervals of 15 days.
Maintenance every 2-3 months.

AGING



50 ml bottle
aqueous solution

mesopeel® eyecon

Peeling with anti-aging action indicated for the periorcular area. Reduces wrinkles, expression lines and under-eye circles, providing a brightening and tightening action.

INDICATIONS

Under-eye circles, expression lines, superficial wrinkles and flaccidity.

EXCLUSIVE COMMON PEPTIDE

senopeptide®

DIFFERENTIAL INGREDIENTS

Glycolic acid, citric acid, phytic acid, lactobionic acid, aminobutylic acid, tartaric acid, dimethylaminoethanol tartrate.



PROTOCOL

No. recommended layers: 2 layers
Exposure time: 5 minutes per layer
ml per layer: 1 ml (0.5 ml per side)



RECOMMENDED SESSIONS

5 sessions with intervals of 15 days.
Maintenance every 2-3 months.



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PIGMENTATION



50 ml bottle
aqueous 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.

EXCLUSIVE COMMON PEPTIDE

senopeptide[®]

DIFFERENTIAL INGREDIENTS

Glycolic acid, kojic acid, salicylic acid, tranexamic acid, hexylresorcinol, caffeic acid.



PROTOCOL

No. recommended layers: 2 layers
Exposure time: 5 minutes per layer
ml per layer: 2 ml



RECOMMENDED SESSIONS

5 sessions with intervals of 15 days.
Maintenance every 2-3 months.

OILY, ACNE-PRONE



50 ml bottle
aqueous solution

mesopeel[®] blemiskin

Peeling with a keratolytic, comedolytic, anti-inflammatory, and antibacterial effect. Evens skin texture and tone, favours control of sebaceous secretion and reduces pore size.

INDICATIONS:

Oily and acne-prone skin:

EXCLUSIVE COMMON PEPTIDE

senopeptide[®]

DIFFERENTIAL INGREDIENTS

Glycolic acid, succinic acid, salicylic acid, caffeic acid, glycyrrhethinic acid, *Chlorella vulgaris* extract.



PROTOCOL

No. recommended layers: 2 layers
Exposure time: 5 minutes per layer
ml per layer: 2 ml (face), 4 ml (body)



RECOMMENDED SESSIONS

3-5 sessions with intervals of 15 days.
Maintenance every 2-3 months.



mesopeel® professional

General application recommendations



Skin preparation

Cleanse the skin with **hydramilk** and remove with a damp *tissue*. Apply **pre-procedure cleansing solution** to degrease the skin with a cotton pad or gauze.



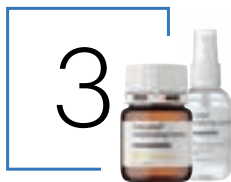
Protection of sensitive areas

Protect delicate areas with **mesolips protector**.



Booster tip

To increase the intensity of exfoliation, it is recommended **to rub the area to be treated with a dry gauze** before applying the peel.




Peel application

The number of layers and exposure time depend on the product used, the skin's condition and thickness and the treatment target. Rubbing and applying pressure increases the depth of exfoliation.


After the exposure time, rinse the application area carefully with a water-dampened tissue.

If the user feels discomfort or itching, spray the area with **post-peel-neutralizing spray***.


Number of layers

 2 layers

ml per layer

 1 ml periorcular area
2 ml face
4 ml body

Exposure time

 Max. 5 minutes per layer



Enhance

Apply a layer of **skinretin 1%** to seal the peeling and enhance the action. Skip directly to step 5.



Regenerate and repair

Apply **crystal fiber mask** or **anti-stress mask**. Allow to act for 15-20 minutes and then remove. Apply **fast skin repair** until fully absorbed to encourage reepithelisation of the tissues.



Protect

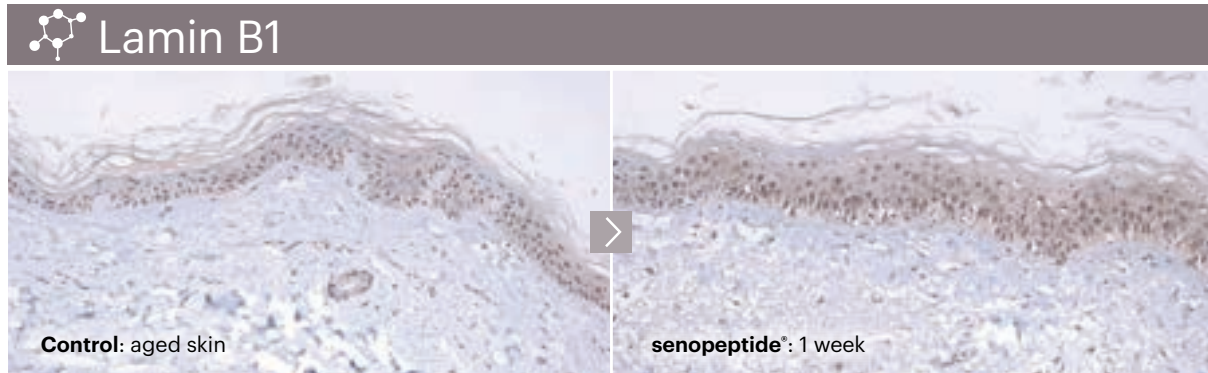
Finish by applying sun protection **SPF 50+** from the **mesoprotech®** range suitable to the type of skin.

* product not included in the pack:



Ex vivo efficacy studies¹⁰

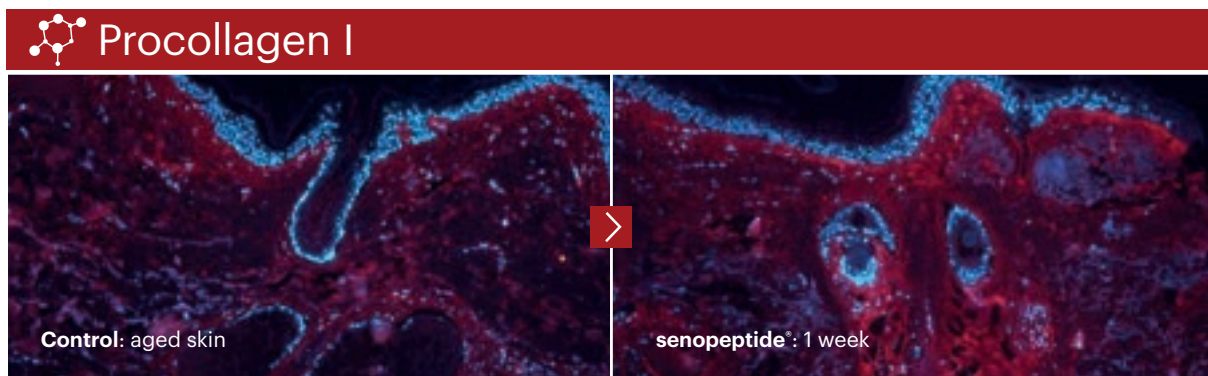
senopeptide®:



> **Lamin B1** increase: optimisation of the cellular metabolism >

■ **Lamin B1** is a structural protein on the cell nucleus surface. During senescence, there is a decrease in the levels of this biomarker.

The majority structural proteins on the cell nucleus surface are called lamins. The fibroblasts that lack the Lamin B1 gene show premature senescence and low survival. The Lamin B1 is therefore a robust cell senescence biomarker.



> Increment **Procollagen I**: + 12.56% >

■ **Procollagen I** ■ **DAPI** (cell core staining)

Type I Procollagen is reduced in photoaged skin. This decrease can result both in an increase in degradation due to metalloproteinases, as well as a reduction in procollagen synthesis.

Rejuvenating effects can be observed both at the senescence level (**Lamin B1**) and the extracellular matrix (**Procollagen I**) after the application of **senopeptide®** on aging skin (71 years).





Me

mesopeel® professional Clinical efficacy¹¹

mesopeel® jessner pro

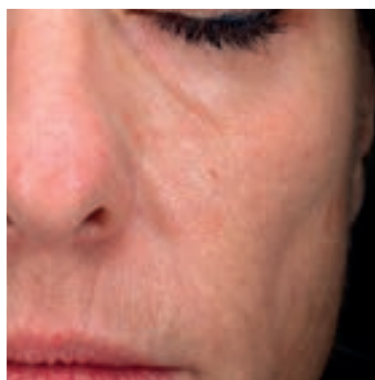
Retexturises and attenuates wrinkles and expression lines, improves firmness and revitalises the skin.



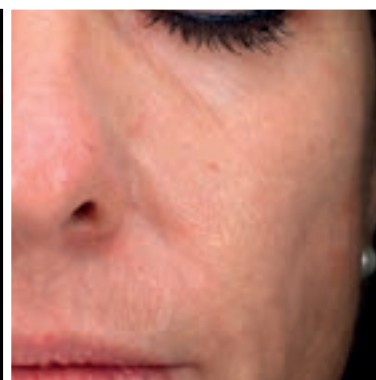
session 0



session 2



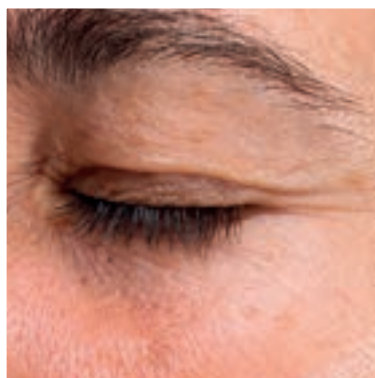
session 0



session 5

mesopeel® eyecon

Reduces wrinkles, expression lines, and under-eye circles, providing a brightening action.



session 0



session 5



session 0



session 4

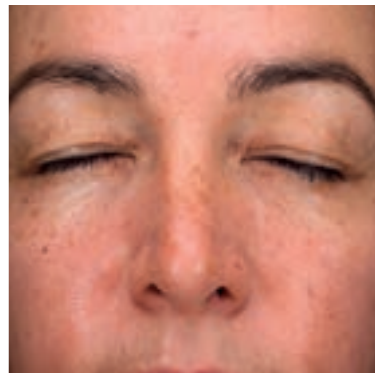




Me


mesopeel®
melanostop
tranex

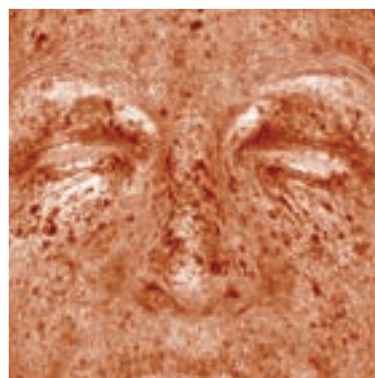
Depigmentation
 action. Reduction of
 hyperpigmentation and
 improvement of tone and
 brightness.



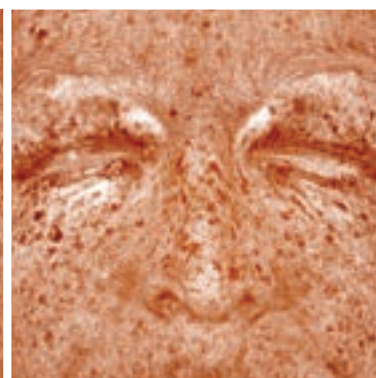
session 0



session 5



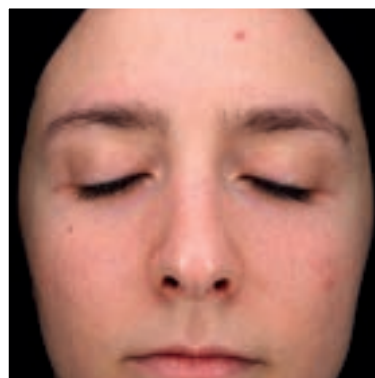
session 0



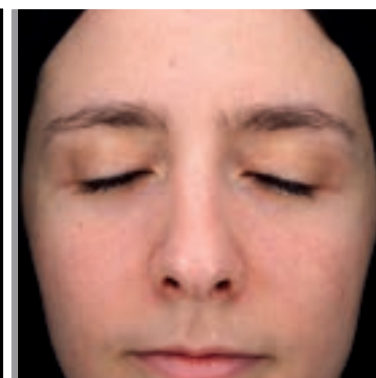
session 5


mesopeel®
blemiskin

Evens skin texture and
 tone, favours control of
 sebaceous secretion and
 reduces pore size.



session 0



session 5



session 0



session 5





An **innovative range of chemical peels** to effectively **address major aesthetic concerns, safely and predictably.**

Development of our **proprietary peptide** with intensive, regenerative action **enhancing the power of the range's formulas.**

Visible, immediate and progressive results, obtained **in a controlled and safe way.**

Complete and enhance multiple aesthetic treatments in a **versatile and modifiable** way.



1. Puizina-Ivić N. Skin aging. ACTA Dermatovenerol Alp Pannonica Adriat. 2008 Jun; 17 (2): 47-54. 2. Mandal P, Gama F. The use of periocular fillers in aesthetic medicine. J Past Reconstr Aesthet Surg. 2021 Jul; 74 (7): 1602-1609. 3. Nieuweboer-Krobotova L. Hyperpigmentation: Types, diagnosis and targeted treatment options. J Eur Acad Dermatol Venereol. 2013 Jan; 27 Suppl 1: 2-4. 4. Tan JK, Bhate K. A global perspective on the epidemiology of acne. Br J Dermatol. 2015 Jul; 172. 5. Zhang L, Pritchler LE, Youstzadeh MJ, Niedernhofer LJ, Robbins PD, Zhu Y. Cellular senescence: A key therapeutic target in aging and diseases. J Clin Invest. 2022 Aug 1; 132 (15): e158450. 6. Babilas P, Knie U, Abels C. Cosmetic and dermatologic use of alpha hydroxy acids. J Dtsch Dermatol Ges. 2012 Jul;10(7):488-91. 7. Kornhauser A, Coelho SG, Hearing VJ. Applications of hydroxy acids: classification, mechanisms, and photoactivity. Clin Cosmet Investig Dermatol. 2010 Nov 24;3:135-42. 8. Grimes PE, Green BA, Wilcnauer RH, Edison BL. The use of polyoxoxygen acids (PHAs) in photoaged skin. Cutis. 2004 Feb; 73 (2 Suppl): 3-13. 9. Szymański Ł, Skopek R, Palusińska M, Schenk T, Stengel S, Lewicki S, Kraj L, Kamiński P, Zelent A. Retinoic Acid and Its Derivatives in Skin. Cells. 2020;9(12):2660. 10. INF488.UB.ENE.2023 Report on efficacy against active ageing senopeptide in the ex vivo skin model. 11. Mesopeel safety and efficacy study for various indications. Medical Affairs Unit. mesoestetic Pharma Group S.L. 2023.



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