

LABORATOIRES
FILORGA
PARIS

MEDICAL BROCHURE

APPROVED
BY OUR
SCIENTIFIC
COMMITTEE



NCEF-REVITALIZE
SERUM

NOT FOR RETAIL DISTRIBUTION OF FILORGA PRODUCTS: This marketing communication is intended exclusively for Professional, Institutional or Wholesale Clients only, as defined by applicable local laws and regulation. Circulation must be restricted accordingly.

ONE STEP AHEAD ON CELLULAR EXPERTISE

A POTENT AND A NEW TECHNOLOGY
DESIGNED TO BETTER DELIVER EFFICACY
INTO THE HEART OF THE SKIN

NCEF^[1] RENOVATED TECHNOLOGY & FORMULA

/ 10 ingredients used in Meso-injections in an exclusive and patented^[2]
blend with optimum concentration for synergistic action

AMINO ACIDS	arginine, glycine and taurine	key molecules in the proteins metabolism
MINERALS	sodium PCA and magnesium sulfate	role in mechanisms promoting skin hydration, the cutaneous barrier and cellular energy production
VITAMINS	vitamin B3 [niacinamide] and vitamin E [α-tocopherol]	essential for metabolism and cellular activity
ANTIOXIDANT	ergothioneine	of plant origin, key protection of oxidative stress
COENZYME	NAD [Nicotinamide Adenine Dinucleotide]	involved in various vital cell reactions such as energy production
HYALURONIC ACID	low-molecular-weight	moisturizing and regenerative properties (stimulates hyaluronic acid production)

^[1] NCEF [New Cellular Encapsulated Factors] - Unique complex inspired by fillers [hyaluronic acid] and revitalizing techniques [amino acids, vitamins, antioxidants]. ^[2] US Patent 11,026,873/Europe EP3383504B1/China CN 113599290; US Patent 11,938,212 B2/China CN108430587; Patent-pending in Europe.



+ A NEW DELIVERY SYSTEM: Multilamellar vesicle-based system that incorporates hydrophobic and hydrophilic actives

→ improve penetration of active ingredients

+ MARINE ferment EXTRACT

→ to reinforce cell adhesion and the skin's structural integrity

+ HIGH MOLECULAR WEIGHT HYALURONIC ACID

→ to prevent dehydration and reinforces the barrier function

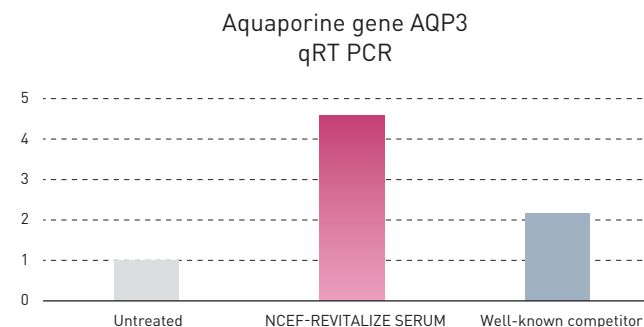
MULTILEVELED ACTIONS TO PROMOTE A COMPREHENSIVE REVITALIZING EFFECT

SKIN HOMEOSTASIS AND SKIN VITALITY

X10 NCEF-REVITALIZE serum promotes the expression of key Growth factors involved in skin homeostasis^[1]: Heparin Binding EGF Like Growth Factor (HBEGF) for skin homeostasis and wound healing.

SKIN HYDRATION

X2 ^{VS} **COMPETITION** NCEF-REVITALIZE serum promotes the expression the AQP3 gene which encodes the water channel protein aquaporin 3, membrane transporter of water^[1]



^[1] qRT PCR on EpiDermFTTM, after 48h treatment

MULTILEVELED ACTIONS TO PROMOTE A COMPREHENSIVE REVITALIZING EFFECT

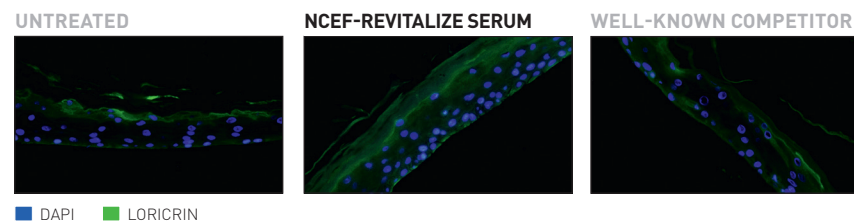
SKIN COHESION AND TISSUE ARCHITECTURE

NCEF-REVITALIZE serum induces the expression of key genes:

X5 In skin barrier and desquamation^[1]: Transglutaminase 1 (TGM1): skin barrier protein involved in the cornified cell envelope formation.

X4 Extracellular matrix (ECM) and Dermal-epidermal junctions (DEJ)^[1]: Collagen Type VII Alpha 1 Chain (COL7A1), involved in cohesion between the epidermis and the dermis.

Immunofluorescence staining and quantification show that **NCEF-REVITALIZE serum** promotes the significant increase of the expression of Loricrin^[3], skin barrier protein (p<0.01).
→ protective barrier function enhanced

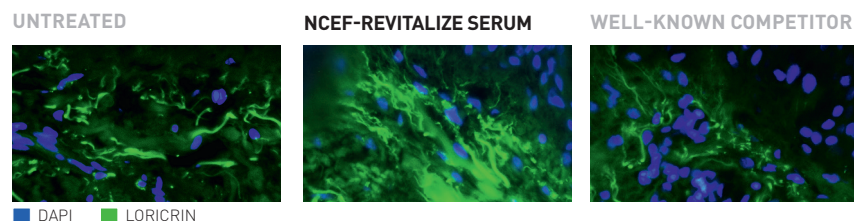


^[1] qRT PCR on EpiDermFTTM, after 48h treatment

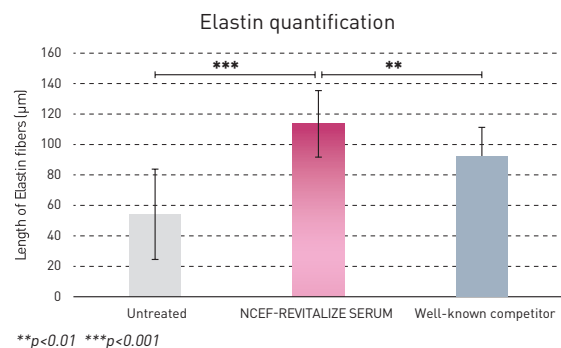
^[3] In vitro immunofluorescence staining: EpiDermFTTM, after 24h treatment. DAPI is a fluorescent stain binding DNA.

MULTILEVELED ACTIONS TO PROMOTE A COMPREHENSIVE REVITALIZING EFFECT

SKIN ELASTICITY



NCEF-REVITALIZE serum induces a significant increase of the elastin fibers length vs untreated cells and treated with a well-known competitor, an indication of youthful skin^[1].



A COMPREHENSIVE REVITALIZING EFFECT OBSERVED AND ASSESSED UNDER DERMATOLOGICAL CONTROL^[1]

D28		
CLINICAL SCORING	WRINKLES DEPTH CROW'S FEET AREA	- 8.5 % ***
	SKIN COMPLEXION HOMOGENEITY	+ 12.9 % ***
	RADIANCE	+ 7.2 % *
IMAGE ANALYSIS: TEXTURE MAPPING AND TOPOGRAPHY ANALYSIS	TOTAL SURFACE OF DETECTED ROUGHNESS	- 5.9 % ***
	TOTAL SURFACE OF WRINKLES (CROW'S FEET AREA)	- 9.0 % ***
VISCO-ELASTIC PROPERTIES	FIRMNESS	+ 7.3 % *
	ELASTICITY	+ 8.6 % *

*p<0.05
***p<0.001

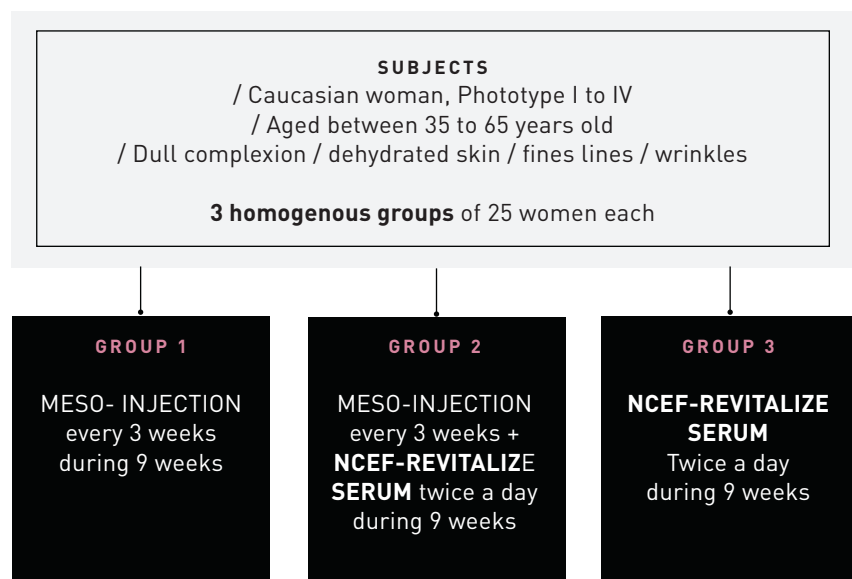
^[1] Clinical study: 32 women aged between 48 and 65 years (mean age: 59) / phototype I to III, application of the serum twice a day on the face and neck. Time measurements for clinical scoring, image analysis and cutometry: 0 and 28 days

ASSESSING THE BENEFITS OF THE NCEF-REVITALIZE SERUM IN COMBINATION WITH MESO-INJECTIONS

MESO-INJECTIONS BENEFITS

RADIANCE SKIN TONE EVENNESS SMOOTHNESS TONICITY FIRMNESS

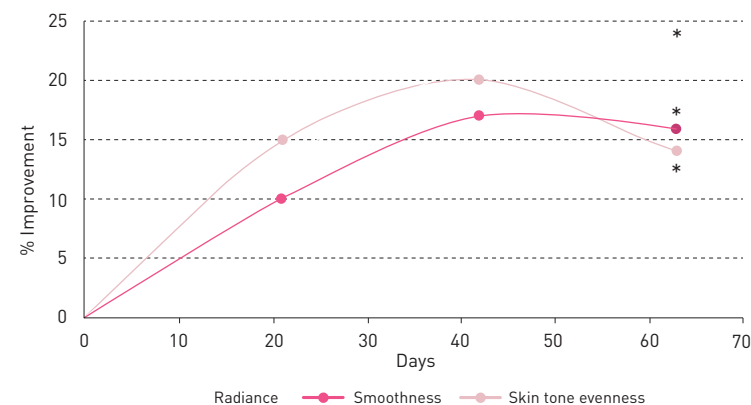
STUDY PROTOCOLE



SKIN BENEFITS OVER TIME

CLINICAL SCORING ASSESSED UNDER DERMATOLOGICAL CONTROL

Radiance, smoothness and skin tone evenness are significantly improved over time (*p<0.05 vs Day 0).



SKIN HYDRATION

FIRMNESS
+52%***
VS MESOTHERAPY ALONE

TONICITY
+24%***
VS MESOTHERAPY ALONE

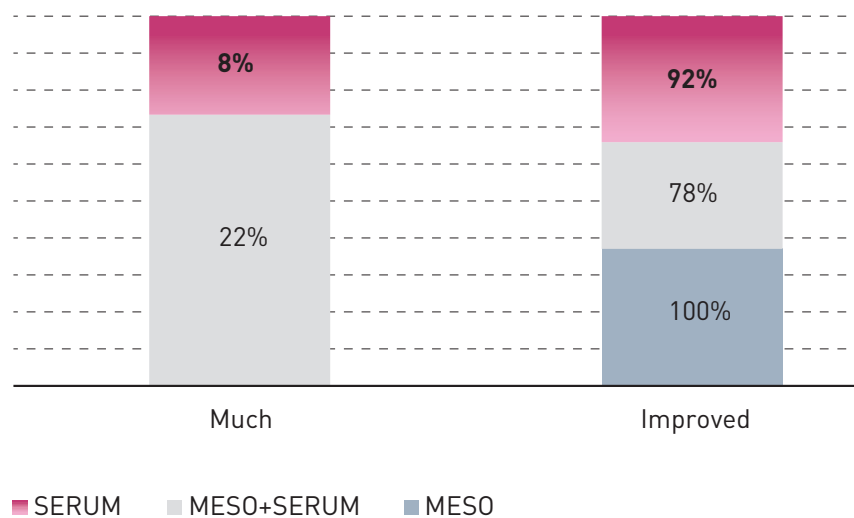
***p<0.001

GLOBAL AESTHETIC IMPROVEMENT SCALE (GAIS) SCORING BY THE STUDY SUBJECTS

SUBJECT GAIS ON RADIANCE

After 9 weeks, the Radiance parameter presents the best scores for the group applying the **NCEF-REVITALIZE SERUM + MESO-INJECTIONS**

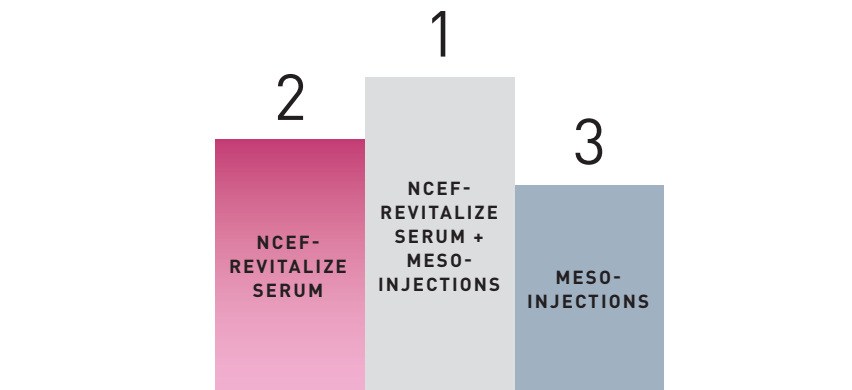
9 WEEKS



GLOBAL AESTHETIC IMPROVEMENT SCALE (GAIS) SCORING BY THE STUDY SUBJECTS

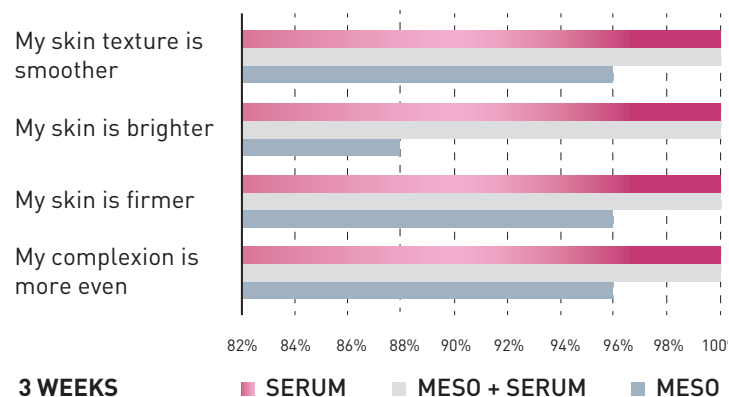
Consumers Score a **stronger improvement in radiance** with the following ranking

Smoothness and skin tone evenness present **the same profiles** than radiance: Results / Ranking at all time points (data not shown)

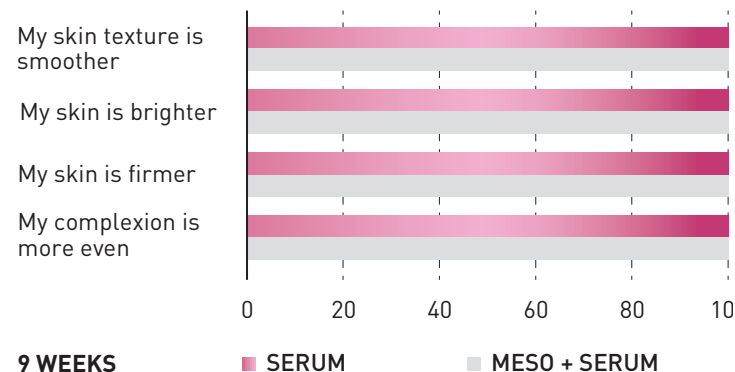


100% OF WOMEN WHO UNDERGO MESO-INJECTIONS ARE CONVINCED BY NCEF-REVITALIZE SERUM

AUTO-EVALUATION



100% OF WOMEN WHO UNDERGO MESO-INJECTIONS ARE CONVINCED BY NCEF-REVITALIZE SERUM



100%

of the study subjects using the NCEF-REVITALIZE Serum alone or in combination with Meso-injections observe the improvement in different skin parameters after 3 and 9 weeks :

FIRMNESS




BRIGHTNESS

SMOOTHNESS

ONE STEP AHEAD ON CELLULAR EXPERTISE A POTENT AND A NEW TECHNOLOGY DESIGNED TO BETTER DELIVER EFFICACY INTO THE HEART OF THE SKIN

DESCRIPTION & FORMULA








Ultra-light texture presenting a soft & luminous finish incorporating:

-  **100% OF THE INGREDIENTS ESSENTIAL** to the **CELLULAR METABOLISM** at the core of the new multi-patented^[1] 1 NCEF technology
-  **MARINE** ferment **EXTRACT**
-  **HIGH MOLECULAR WEIGHT** HA



EFFECTS

Scientifically and clinically proven efficacy:

-  **SKIN COHESION** and **tissue architecture**
-  **SKIN HOMEOSTASIS** and **SKIN VITALITY**
-  **SKIN HYDRATION** and **SKIN ELASTICITY**
-  **FIRMNESS** and **TONICITY**
-  **ANTI-AGING** and **SMOOTHNESS**
-  **RADIANCE** and **EVENNESS**
-  **ANTIOXIDANT** protection

HOW TO USE

Apply to face, neck and décolleté morning and night after cleansing, as a serum and before the cream

Complimentary to the **NCEF-REVITALIZE Cream**

^[1] US Patent 11,026,873/China ZL201580085613.2/ Patent-pending in Europe and US Patent 11,938,212 B2/ Patent-pending in China and Europe /France 962736-00-FR-01-SH (FR2403557)

NOT FOR RETAIL DISTRIBUTION OF FILORGA PRODUCTS:

This marketing communication is intended exclusively for Professional, Institutional or Wholesale Clients only, as defined by applicable local laws and regulation. Circulation must be restricted accordingly.

