

Endor Technologies engages in nanomedicine research to develop new dermatological technologies that help patients keep healthy skin with a more youthful appearance.

Conclusion

It has been clinically proven that the hyaluronic acid-coated nanoparticles have a powerful synergy with radiofrequency. When applied before radiation, they accelerate visible results and boost efficacy.

Benefits

- For the physician**

 - It lowers treatment time since the skin reaches the temperature sooner thanks to the action of the nanoparticles.
 - It accelerates visible results and is effective against cellulite.
 - It is easy to integrate into your radiofrequency protocol.
- For the patient**

 - Get better and quicker results than with radiofrequency alone.
 - It is an effective treatment for cellulite that is neither invasive nor painful. It causes no lesions or side effects.

Free of harmful substances

All of our products are free of parabens, preservatives that cause sensibilities, colouring agents, emulsifiers and aggressive surfactants, pesticides, mutagenic or reprotoxic substances, alcohols that could irritate the skin, sulphates, formaldehyde, nitrosamines, phenols, butylated hydroxytoluene, butylated hydroxyanisole, isothiazolinone and others. None of our products is animal-tested.

Radiofrequency & Nanotechnology

Photosensitive nanoparticle technology to be combined with cosmetic radiofrequency treatments to accelerate and multiply the effects of radiation.



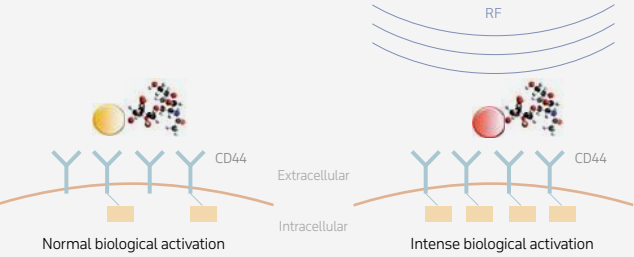
What is it

The collection of products for radiofrequency is comprised of two serums: Celltense for body treatments and Hyalgen for facial treatments. If they are applied right before radiofrequency, they enhance the effects of the radiation.

The use of Celltense and Hyalgen accelerates neocollagenesis, boosting the efficacy of the radiofrequency treatment and accelerating the appearance of visible results.

How it works

Hyaluronic acid-coated gold nanoparticles have the unique ability to activate the CD44 cell receptor, whose mission is to regulate the endogenous production of hyaluronic acid and collagen. At the same time, gold nanoparticles absorb the electromagnetic radiation and use the absorbed energy to increase their temperature, boosting their efficacy. Applied on the skin prior to radiofrequency, coated nanoparticles speed up the production of collagen.



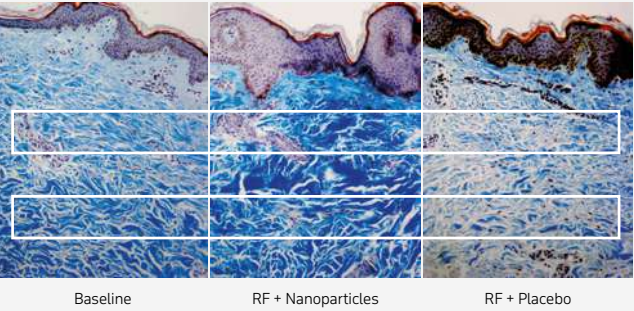
Form of use and safety

1. Apply Celltense or Hyalgen on dry, clean, healthy skin by softly massaging it in until completely absorbed.
2. Apply the usual RF treatment with glycerine or a conductive gel.
3. Biopsies taken after the sessions demonstrate that the coated nanoparticles are eliminated from the organism 24 hours after they are applied, so there is no risk of their accumulating on the skin.
4. For more information, check the product prospectus.

Efficacy of the active

Biopsies were taken to demonstrate the efficacy of the active ingredient in combination with radiofrequency. The volunteer underwent one radiofrequency session per week for six weeks. Measurements were taken one week after the last session.

→ Result: It was observed that in the placebo zone where only radiofrequency was applied, the collagen has diminished due to thermal damage. In the zone with Celltense + RF we found significant neocollagenesis just one week after finishing the 6-session cycle, which accelerates the appearance of visible results.



Products for radiofrequency

Celltense™ Serum



Description

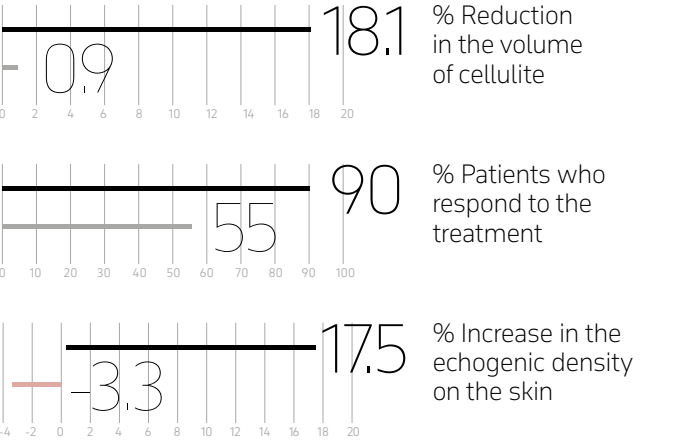
Celltense is the professional serum specifically for body treatments. When applied before radiofrequency, it increases the skin's tautness and visibly improves the appearance of cellulite.

Radiofrequency takes one to three months to yield visible results and is not very effective in treating cellulite. Combined with Celltense, visible results are accelerated to one week and the appearance of cellulite is visibly improved. The clinical study was performed at the Instituto de Fotomedicina of the Centro Médico Teknon under the oversight of Dr Jorge Gaviria.

Directions for use

Using these products properly is essential to get the best results and guarantee the patient's satisfaction. To use Celltense, keep the following points in mind:

- Celltense is effective in treating from mild to moderate cellulite (grades 1-2 on the Nurnberger-Müller scale). The treatment will not be effective in cases of severe cellulite.
- Celltense acts in synergy with the radiofrequency. In order to get visible results, the radiofrequency treatment must be applied at a minimum following the power and duration criteria described in the clinical protocol.
- Zones that can be treated with Celltense: neck, arms, belly and thighs.



Protocol of the clinical study

Equipment	Maximus TriLipo Multipolar RF [Pollogen, Israel]. Applicator nº 1 was used.		Treatment	Step 1	The patient lies on the cot face-down.
Parameters	RF power	60 W		Step 2	The RF-Celltense Serum is applied to each thigh, softly massaging it in until it is completely absorbed.
	Pulse width	200 us		Step 3	After around two minutes, glycerine is applied on the thigh to be treated.
	Pulse frequency	0.78 Hz		Step 4	The RF treatment begins following the parameters described above using circular motions.
	Time per thigh	15 minutes		Step 5	The skin temperature is measured every minute using an infrared thermometer to maintain a temperature of 42º C. This threshold is never exceeded.
				Step 6	After 15 minutes, the treatment on the thigh ends.
Length	One session per week is held for six weeks.				

Hyalgen™ Serum



Description

Hyalgen is the specific serum to combine with radiofrequency facial treatments. It is particularly indicated to act synergistically with radiofrequency and to visibly reduce the appearance of wrinkles and nasolabial folds, to improve the tautness and luminosity of the cheeks and forehead and to define the facial lobe.

The dose of coated nanoparticles has been adapted to the needs of the face, and the formulation also contains specific facial active ingredients.

Directions for use

- Every vial contains the amount needed for a facial radiofrequency session. The entire contents of the vial should be applied by softly massaging it onto the face until it is completely absorbed.
- Unlike body treatments, radiofrequency by itself yields good results in facial treatments. This means that in some cases the difference between using Hyalgen + RF or just RF may not be as obvious as when applied to the body.

Endor Technologies engages in nanomedicine research to develop new dermatological technologies that help patients keep healthy skin with a more youthful appearance.

Benefits for patients

The Endor body collection applies advanced nanotechnology research and clinical testing to yield visible improvements in cellulite, flaccid skin on the neck and chest and a reduction in thigh, abdomen and arm size.

Free of harmful substances

All of our products are free of parabens, preservatives that cause sensibilities, colouring agents, emulsifiers and aggressive surfactants, pesticides, mutagenic or reprotoxic substances, alcohols that could irritate the skin, sulphates, formaldehyde, nitrosamines, phenols, butylated hydroxytoluene, butylated hydroxyanisole, isothiazolinone and others. None of our products is animal-tested.

Range of body products



Anti-cellulite cream

- Visibly reduces the appearance of cellulite.
- High concentration of shea butter to provide deep skin nourishment. It can be used all year long to augment its efficacy.
- Formulated for all skin types.



Reducing & Slimming cream

- Visibly reduces the size of the thighs, abdomen and arms. Boosts the skin's firmness.
- High concentration of shea butter to provide deep skin nourishment. It can be used all year long to augment its efficacy.
- Formulated for all skin types.



Neck & Dec  ll  t   cream

- Improves the firmness of the skin at the neck and chest. Visibly reduces wrinkles.
- Provides the skin nourishment and suppleness.
- 25 SPF.
- For all skin types.

The body collection

In clinical studies, Endor's body collection, based on its patented hyaluronic acid-coated gold nanoparticles, has been shown to visibly improve cellulite, boost the skin's firmness and reduce the thighs, abdomen and arms.



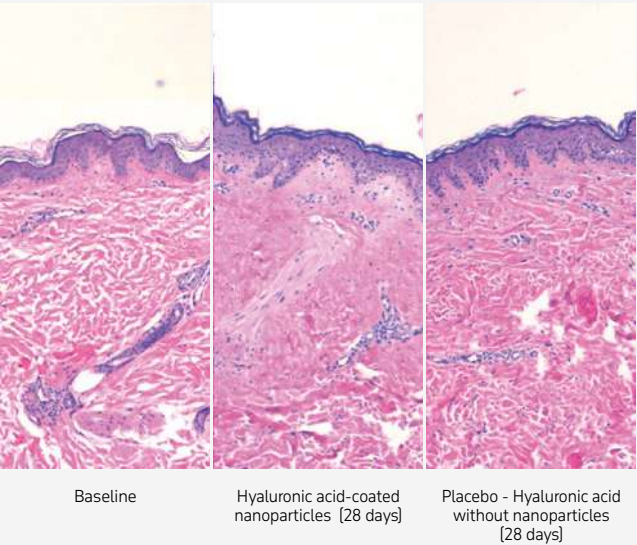
Presentation

The body collection is comprised of the anti-cellulite cream, the reducing-reaffirming cream and the cream for neck and chest. All the products contain hyaluronic acid-coated gold nanoparticles, which are capable of reaffirming the skin with outstanding visible effects. Each product comes with specific advanced active ingredients for each need and body zone.

Biopsies

A clinical study proved that hyaluronic acid with gold nanoparticles reaffirm the skin by increasing the endogenous production of collagen, elastin and hyaluronic acid. This effect is the basis of how the products in the collection work, as proven via biopsies.

Staining of the extracellular matrix with Haematoxylin/Eosin.



Anti-cellulite cream

A new action mechanism: the high capacity of hyaluronic acid-coated nanoparticles to reaffirm the skin makes the skin more resistant to the deformations caused by cellulite. A tautened effect results in the reduction of the appearance of orange-peel skin.

Clinical results*

The double-blind clinical study was performed on 23 volunteers for 28 days of daily applications. The control group used hyaluronic acid in isolation, compared to the same hyaluronic acid-coated nanoparticles. The results show that if the effect on the skin is not sufficiently intense, there is no effect on the appearance of the cellulite.



31%

Reduction in cellulite volume
On average [placebo < 1%]

22%

Reduction in area with cellulite
On average [adjustment effect] [placebo < 1%]

17%

Reduction in pockmark diameter
On average [placebo < 1%]

7%

Reduction in roughness
On average [placebo < 1%]



Slimming & Firming cream

This reducing cream contains hyaluronic acid-coated nanoparticles, which yield a highly reaffirming effect and a high concentration of an active marine ingredient developed by biotechnology which act on the adipocytes for a visible reducing effect on thighs, abdomen and arms.

Clinical results*

Visible results were found after 28 days, which improved substantially after 56 days.

Abdomen



Thighs



Arms



-19,2%

Reduction in the suprailiac skinfold on the abdomen

-1,6 cm

Average reduction in abdomen diameter

-0,9 cm

Average reduction in thigh diameter

-0,6 cm

Average reduction in arm diameter



Neck & Decollété cream

This cream specifically for the neck and chest is especially formulated to reaffirm the skin, improve the appearance of wrinkles on the chest, to nourish and to protect from sun radiation with an SPF of 25. A high reaffirming capacity is needed to improve the appearance of drooping at the neck area, which we achieve with a high concentration of hyaluronic acid-coated gold nanoparticles.

* Studies conducted by the Instituto de Fotomedicina/ Centro Médico Teknon, Barcelona. Spain.

Endor Technologies has invested years in medical research in dermatology to develop new technologies to promote healthy-looking skin.

Conclusion

The Serum and Cream help to enhance the skin's natural ability to produce hyaluronic acid, collagen and elastin, which are the proteins giving structure to the skin. This will have a direct and important impact on skin health and conditions.

Patient benefits

- Reduces the appearance of wrinkles.
- Increases skin firmness.
- Smoothes skin texture.
- Reduces skin impurities.
- Improves skin hydration.

Free of harmful substances

All our products are free of parabens, sensitive preservatives, artificial colouring, emulsifiers and aggressive surfactants, pesticides, mutagenic or reprotoxic substances and skin irritating alcohols, sulphides, formaldehydes, nitrosamines, butylated hydroxytoluene, methylisothiazolinone and others. None of our products are animal tested.

Facial product range



Anti-aging Cream

- Specially formulated for normal to oily skin.
- Visibly reduces the appearance of lines and wrinkles.
- Fast absorbing, skin feels soft and hydrated.
- Improves skin texture and firmness.
- Light, non-greasy formula with patented gold and hyaluronic acid nanoparticles.
 - Helps maintain results achieved with in-clinic procedures.



Anti-aging Nutritive Cream

- Specially formulated nutrient-rich moisturizer for dry skin.
- Visibly reduces the appearance of lines and wrinkles.
- Fast absorbing, skin feels soft and hydrated.
- Improves skin texture and firmness.
- Provides intense skin hydration and protection.
 - Helps maintain results achieved with in-clinic procedures.



Anti-aging Eye Contour

- For all skin types and specially formulated for the sensitive eye area.
- Visibly reduces the sign of aging such as fatigue, wrinkles, dark circles and laxity.
- Provides an instant glow.
- Non-greasy formula with patented gold and hyaluronic acid nanoparticles.
- Helps maintain results achieved with in-clinic procedures.

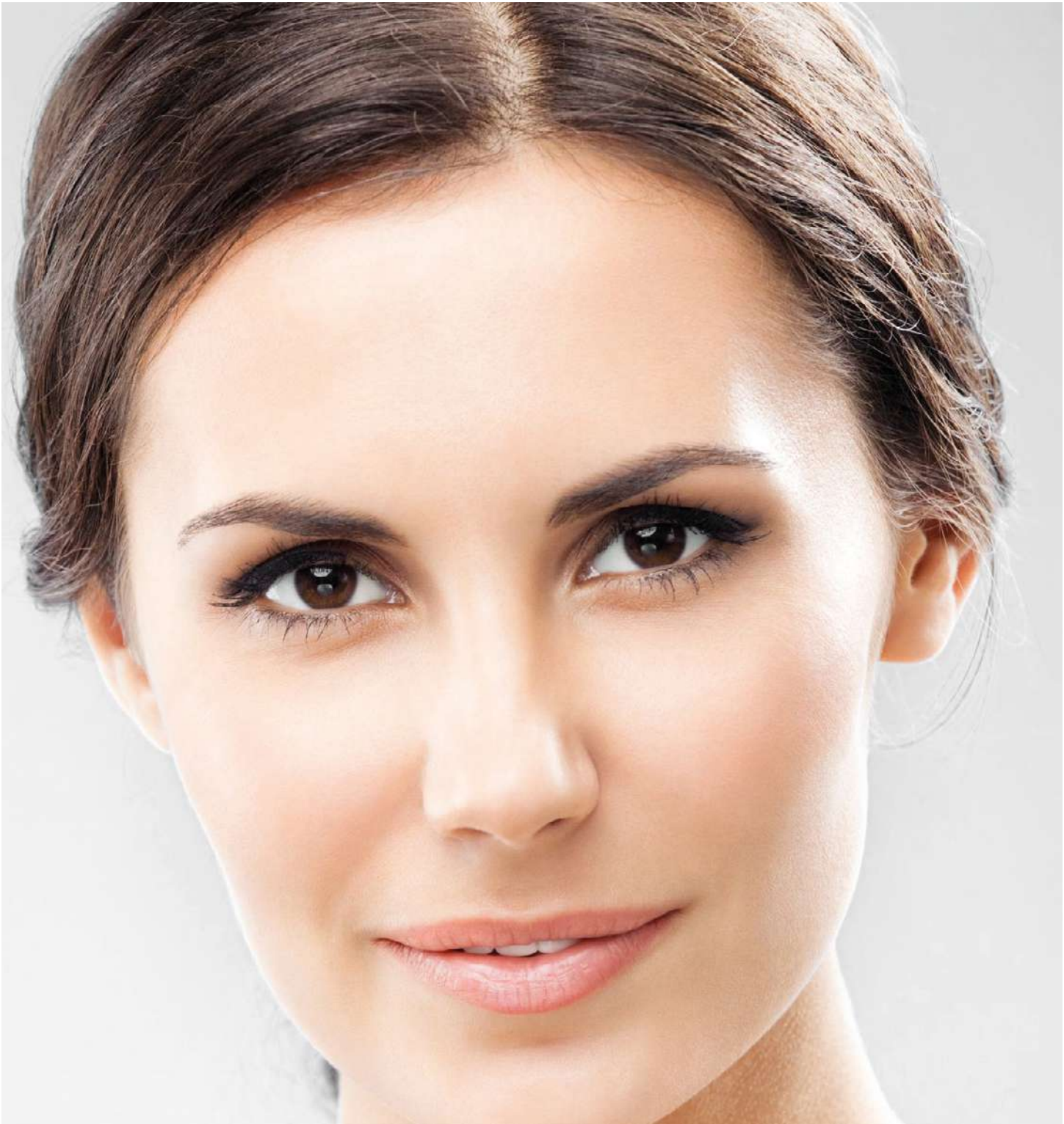


Anti-aging Serum

- For all skin types
- Fast absorbing, the Anti-aging Cream can be applied immediately after the Serum.
- Intense and fast-acting, the Serum boosts the anti-aging effect when applied before the Anti-aAging Cream.
- Light, non-greasy formula with patented gold and hyaluronic acid nanoparticles.
- Helps maintain results achieved with in-clinic procedures.

The Facial Collection

Patented formulations with gold thioethylamino hyaluronic acid, a new ingredient, developed with spherical gold nanoparticles conjugated to hundreds of low molecular weight hyaluronic acid oligomers. This innovative formulation is specifically designed to enhance the skin's natural ability to produce hyaluronic acid, collagen and elastin.



Clinical study summary

A clinical study performed with 23 volunteers for 28 days [applied twice daily] resulted in the following [average]:

25%

Wrinkle reduction
56% Maximum [p<0.0001]

27%

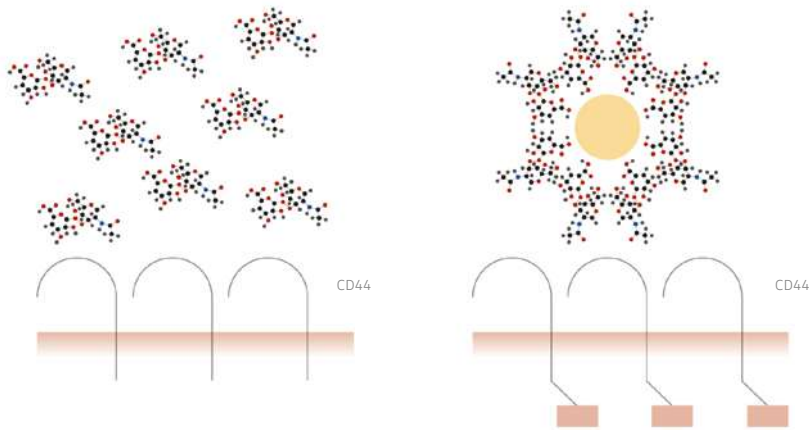
Roughness reduction
50% Maximum [p<0.005]

15%

Moisturization increase
26% Maximum [p<0.0001]

Mechanism of action

CD44 is a cell receptor involved in endogenous hyaluronic acid, collagen and elastin production. To be properly activated it's necessary to act on several of CD44 receptors at the same time. This effect can only be achieved by using a delivery system, otherwise ligands will get the cell asynchronously so the cell receptor will not be activated. The next image represent the technical strategy followed to develop the new active ingredient:

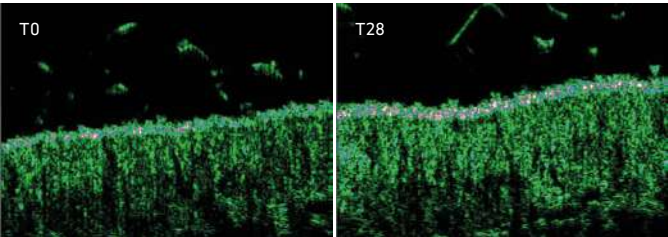


Clinical study results

Echogenic density

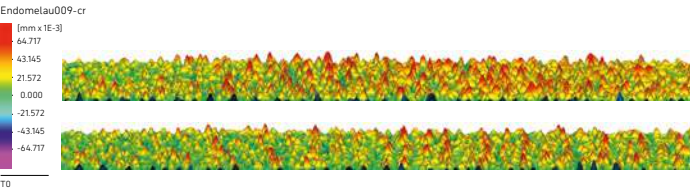
The increase in skin density of the dermis is notably high: an average of 37% with a maximum value of 171%. [Measured with ultrasonography]*.

	% Average	% Maximum	
	Increase [D28-D0]	Increase [D28-D0]	[P]
Epidermis	30.04	88.98	<0.0001
Dermis	37.40	171.25	<0.0005



Facial images of a volunteer in the clinical study [in green hyaluronic acid, collagen and elastin]. First picture of the treatment area at T0. Second picture at T28.

Roughness Reduction



Facial skin improvement

A clinical study conducted at Hospital Teknon in 23 volunteers during 28 applying the treatment twice a day demonstrates a clear improvement in the global skin condition, promoting a young and healthy looking skin.



→ Noticeable improvement is shown

Histological studies [vs. Control group] [*]

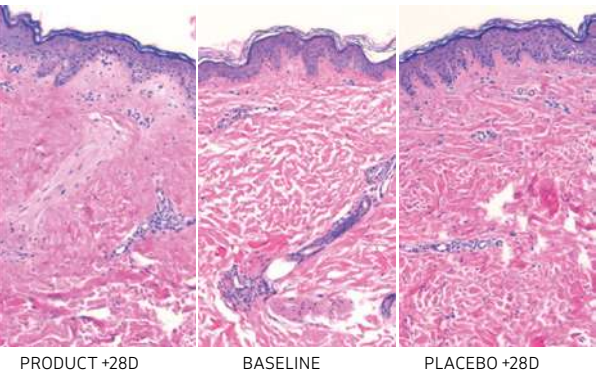
ENDORTechnologies®

In order to certify without any doubt the effect of Gold thiothylamino hyaluronic acid nanoparticle on the skin, biopsies were performed on the volunteers. The placebo used in the control group contained the same amount of hyaluronic acid as the treatment group in order to isolate the effects of the nano delivery system.

The staining procedure of the skin samples of the volunteers will allow us to prove in a colorimetric way the increase of the three most important proteins giving structure to the skin: Hyaluronic acid, collagen and elastin.

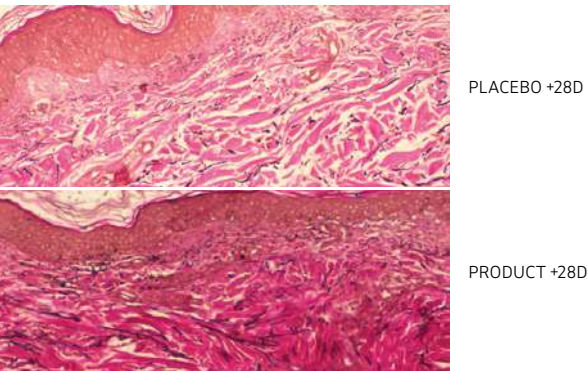
Biopsies

The hematoxilyn/eosin staining proves the evolution of the extracellular matrix during the 28 day treatment period. **There is a greater redensification of the skin after treatment observed with the product compared to the placebo.**



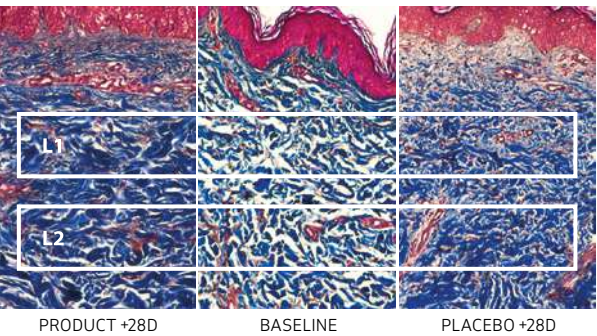
Elastine

Verhoeff staining shows the elastine variation. In this case there is a significant qualitative increase of the elastine production using the product compared to placebo.

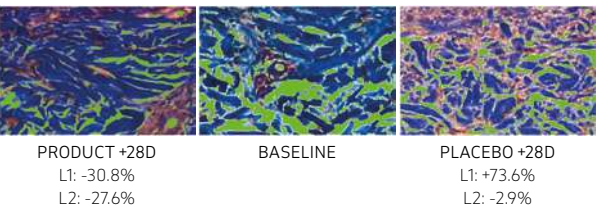


Collagen

The collagen specific staining shows a significant increase in collagen production after the treatment with the product compared to the placebo.

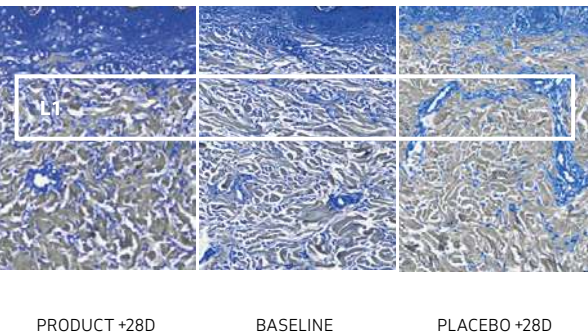


If we quantify non-staining surface, there is an increase in the collagen production of almost 30% after the treatment with the product. In contrast, the control group [placebo] shows variable and insignificant results.

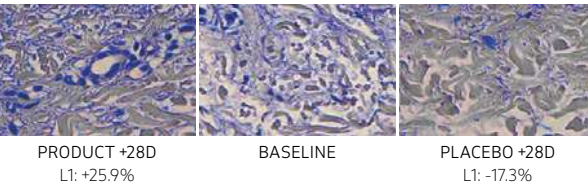


Hyaluronic acid

The specific stain for hyaluronic acid shows a significant increase after the treatment with the product compared to the placebo.



Quantifying the staining cutting surface, there is an increase of the production of hyaluronic acid of more than 25% compared to the control [placebo] that did not show significant results.



* Studies performed by "Instituto de Fotomedicina / Centro Médico Teknon. Barcelona, Spain.

Ablative laser is widely used in dermatology and aesthetic medicine. After the treatment, the skin is damaged and inflamed. One of the most severe side effects is post-inflammatory hyperpigmentation that usually occurs in the treated area.

Lasergen with gold nanoparticles conjugated to hyaluronic acid covers all the skin needs after fractional ablative laser treatment: it keeps the skin protected and moisturized enhancing its recovery, reduces the appearance of post-inflammatory hyperpigmentation and improves the reduction of acne scars compared with isolated laser.

Lasergen

Post ablative laser complete care



The first care that covers the main three needs of the skin after ablative laser

Improves post-inflammatory hyperpigmentation

Lasergen reduces the appearance of post-inflammatory hyperpigmentation after an ablative laser procedure.

-32%
VS. GOLD STANDARD

Reduces acne scars volume

Lasergen reduces acne scars volume compared with isolated laser.

-8,5%
VS. GOLD STANDARD

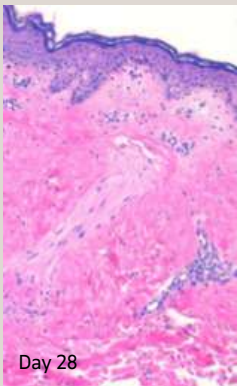
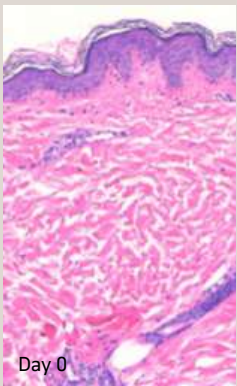
Cares, protects and nourishes during regeneration

Lasergen is specifically formulated to hydrate, protect and nourish the skin during the process of regeneration, besides reducing redness.

-5%
VS. GOLD STANDARD

Biopsy

The patented technology of gold nanoparticles conjugated to hyaluronic acid enhances the synthesis of new endogenous collagen and hyaluronic acid in the dermis and epidermis.

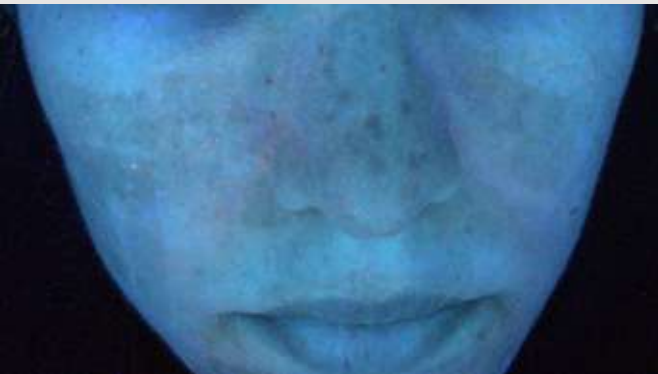


Biopsy done at Centro Médico Teknon.

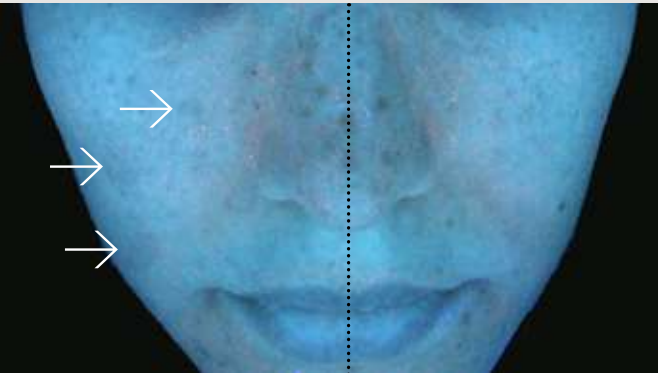
Clinical study results

Clinical trial vs gold standard in 25 patients during 28 days. After fractional ablative laser, a post-laser reference treatment is applied on one half of the face and Lasergen on the other.

Día 1 right after ablative laser application



Día 28 after ablative laser application



LASER + GOLD STANDARD

LASER + LASERGEN

- **Hyperpigmentation**
32% spot area reduction and 17% spot clearer.
- **Acne**
8,5% acne scar volume reduction.
- **Redness**
5% redness reduction.

Eye Contour Cream
Reduction of wrinkles, bags and dark circles. Flash effect of luminosity.

Body Anti-age
Improves sagging, flaccidity and wrinkles in neck and décolleté. SPF 25.

Anti-cellulite Cream
It reduces cellulite dimples, provides high nutrition and improves skin firmness.

Facial Anti-age
Reduce wrinkles, improves firmness and volume and increase luminosity. SPF 25.

Slimming & Firming Cream
It reduces the contour of thighs, abdomen and arms. Improves skin firmness.

Products Collection

Founded in 2007, Endor Technologies is a biotech company devoted to do medical research in oncology and dermatology. For further information, please visit our website: www.endortechnologies.com

Facial
Products



Eye Contour

Eye contour cream for all skin types. Improves the appearance of aging signs in the eye contour such as fatigue, wrinkles, dark circles and laxity. Includes flash effect to improve luminosity.

0.5 fl. oz.



Anti-aging Serum

Anti-aging facial serum for all skin types. It visibly improves wrinkles, firmness and luminosity of cheeks, front, facial lobe and nasolabial furrow. It maximises the anti-aging effect with a high active ingredient concentration.

1 fl. oz. Day & Night. Apply the serum before the cream.



Anti-aging Cream

Anti-aging facial cream for normal to oily skin. It visibly improves wrinkles, firmness and luminosity of cheeks, front, facial lobe and nasolabial furrow. The cream moisturises, and protects from Sun light with SPF 25. Fast absorption.

2 fl. oz. Day & Night.



Anti-aging Nutritive Cream

Anti-aging cream for dry skin. It visibly improves wrinkles, firmness and luminosity of cheeks, front, facial lobe and nasolabial furrow. The cream moisturises, and protects from Sun light with SPF 25. It provides high nutrition, protection and elasticity.

2 fl. oz. Day & Night.

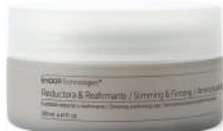


Hyalgen Serum RF *

Serum with photoactive particles to be used in professional facial treatments with radiofrequency. Applied before radiation, accelerates and increase a visible improvement of aging signs appearance. Consult us the clinics where you can find the treatment.

0.1 fl. oz. One vial for one session of facial radiofrequency.

Body
Products



Slimming & Firming Cream

It reduces the contour of thighs, abdomen and arms through the direct action on accumulated fat. The cream deeply improves firmness and nourishes the skin.

6.67 fl. oz. Day & Night.



Anti-cellulite Cream

It reduces the appearance of orange peel syndrome caused by cellulite. The cream smoothes the skin and provides a high nutrition and hydration.

6.67 fl. oz. Day & Night.



Neck & Décolleté Cream

It reduces the appearance of sagging and wrinkles in neck and décolleté. The cream improves firmness and hydration, nourishing the skin. SPF 25.

2 fl. oz. Day & Night.



Celltense Serum RF *

Serum with photoactive particles to be used in professional body treatments with radiofrequency. Applied before radiation, accelerates and increase a visible improvement on cellulite and skin firmness. For professional use only. Consult us the clinics where you can find the treatment.

0.5 fl. oz. Each vial cover 4 body zones.

*For professional use only