



SWISS INNOVATION APPLIED TO BEAUTY



LIGHT FILLING™

TEOSYAL PureSense

Redensity [I]

A new **light reflecting**
treatment

LABORATORIES
TEOXANE
GENEVA

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Invents

LIGHT FILLING™
with **Redensity [I]**

A new **light reflecting**
treatment



HYALURONIC ACID



LIDOCAINE

TEOSYAL

PureSense

ml
SINGLE

[I] Redensity

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[I] Redensity

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LIGHT FILLING™

A NEW LIGHT REFLECTING TREATMENT

A new concept between filling techniques and mesotherapy to restore the skin's ability to reflect light. A simple, effective protocol in 3 sessions at 3 week intervals.

Visible and cumulative results from the first injection session.

●●● TEOSYAL REDENSITY I

An exclusive formula based on hyaluronic acid and a selection of components, **all naturally present in the skin and synergically involved in redensifying the dermis and providing antioxidant protection.**



BEFORE

Results 1 month after the third session
Teosyal Redensity I*
Technique: multi-bolus
Quantity injected per session: 2 ml

* Multicentre study of Teosyal Redensity I efficacy, Dr Julien Vivier, Dr Julien Carré, France, multi-bolus technique ; Dr Britta Knoll, Germany, spray gun technique / manual, April 2011.



COMPOSITION

PATENT PENDING FORMULA

●●● HYALURONIC ACID 15mg/g

An **ideally dosed concentration** and **optimal spreading properties** for dermal rehydration and redensification.



●●● DERMO-RESTRUCTURING COMPLEX

8 amino acids, 3 antioxidants, 2 minerals and 1 vitamin selected for their **pharmaceutical grade, hypoallergenic properties**, compatibility with hyaluronic acid and combined efficacy in global dermal restructuring.



●●● LIDOCAINE

For better patient comfort during the injection.



**VISIBLE ACTION ON CUTANEOUS
REDENSIFICATION**



BEFORE



Immediately after 2 sessions
of Teosyal Redensity I
Quantity injected per session: 2ml*

ACTIONS AND RESULTS OF THE DERMO-RESTRUCTURING COMPLEX EFFICACY

RESTRUCTURING and CELL REGENERATION

Dermal / epidermal cohesive effect: **+ 98% collagen IV***

Tightening effect: **+ 26% of fibrillin 1***

Amino acids:
**Glycine, Lysine, Threonine,
Proline**

Minerals: **Zinc and Copper**

Vitamin B6:
non-allergenic, cofactor
in 140 chemical reactions
in the cell

Amino acids:
Isoleucine, Leucine, Valine

**Stimulate the production
of collagen fibres**
and organise the structure
in a triple helix

Essential for **DNA
synthesis and cell
division**, source of
new cells

Essential for **energy
production for cell
metabolism** in the dermis

Take part in the
**healing process and
tissue remodelling**



ANTIOXIDANT PROTECTION

- 28% on an oxidation marker*

(production of photo-induced malondialdehyde)

Glutathion

N-Acetyl-L-cysteine

Alphalipoic acid

**Direct provision of
Glutathion** by the
Dermo-Restructuring
complex

Essential for **Glutathion
synthesis**

Recycles the Glutathion
and increases its lifespan



SKIN HYDRATION

14 times more acid* GAGs**

Hyaluronic acid 15 mg/g

Arginine

Amino acid, natural hydration factor

In-depth hydration

Regulates hydration of the upper
layers of the skin



REDENSIFICATION OF THE DERMIS*

***Evaluation of Teosyal Redensity I efficacy on biological aging markers:** Study carried out by an independent laboratory, based on a protocol specially drawn up by Teoxane, consisting in injecting a bolus of product into the upper reticular dermis of a skin explant kept alive. This skin model displays the beneficial effects of Teosyal Redensity I on biological markers of skin aging in an accelerated way over 9 days.

**** Glycoaminoglycan**

Bibliographical references: 1-11

VISIBLE AND MEASURED EFFICACY ON LIGHT REFLECTION

The more mature the skin, the increase of cutaneous grooves and the network is unstructured. These grooves reduce the skin's ability to reflect light leading to the appearance of areas of dark shadows across the face.

••• Visible results on the skin's renewed ability to reflect light*



Disappearance of dark areas



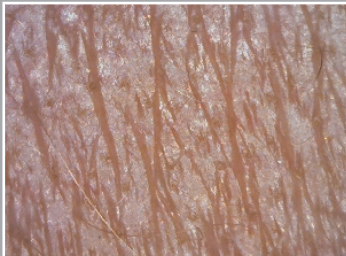
Features smoothed
Skin redensified

Features smoothed
Skin redensified

BEFORE

Results 1 month after the third session of Teosyal Redensity I*
Technique: multi-bolus
Quantity injected per session: 2ml

••• Results measured scientifically with the visioprobe*

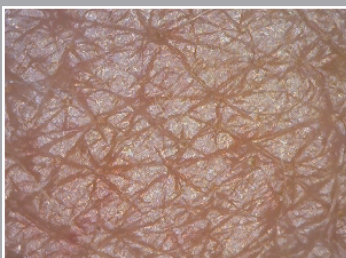


BEFORE

Unstructured network



skin losing density, uneven, non-hydrated,
not reflecting light ⁽¹²⁾



AFTER

Remodelled, tightened network



skin densified, smooth and hydrated,
reflecting light ⁽¹²⁾

Results 1 month
after 3 sessions of
Teosyal Redensity I

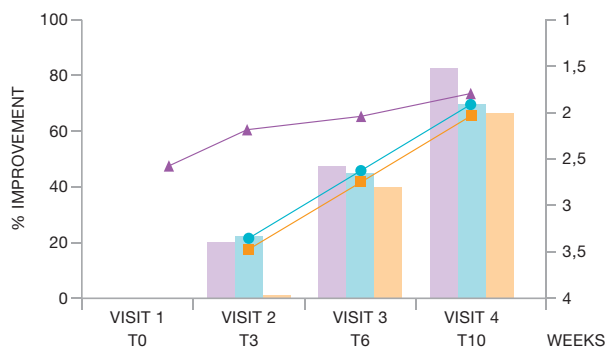
+ 24%*
improvement
in the isotropic index

* Multicentre study of Teosyal Redensity I efficacy, Dr Julien Vivier, Dr Julien Carré, France, multi-bolus technique ; Dr Britta Knoll, Germany, spray gun technique / manual, April 2011.

CUMULATIVE ACTION ON SKIN REDENSIFICATION PROVED

WITH A PROTOCOL OF 3 SESSIONS AT 3 WEEK INTERVALS

Redensity [I] | FACE



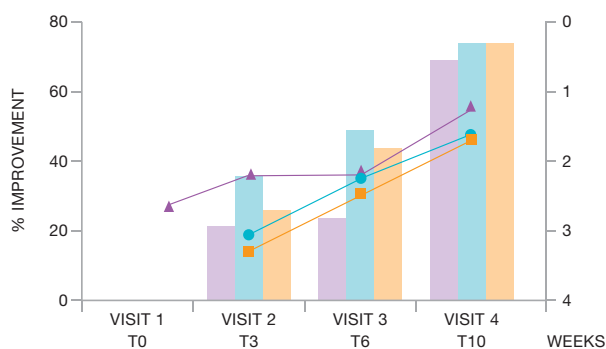
RESULTS at 2 months and a half*

WSRS** : + 82,71 %

Hydration: + 69,32 %

Radiance of the complexion: + 66,66 %

Redensity [I] | NECK



RESULTS at 2 months and a half*

WSRS** : + 78,75 %

Hydration: + 75 %

Radiance of the complexion: + 75 %

VISIT 1

Measurements taken before the first session

VISIT 2

Measurements taken three weeks after the first session

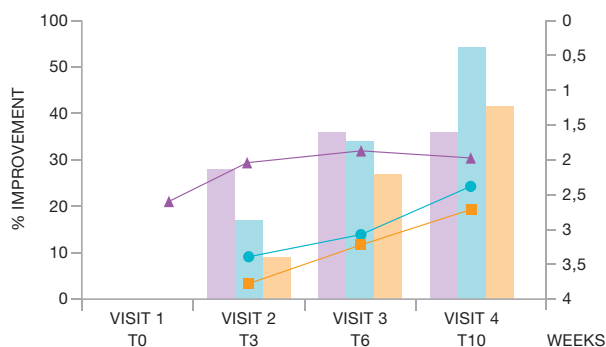
VISIT 3

Measurements taken three weeks after the second session

VISIT 4

Measurements taken 1 month after the third session

Redensity [I] | NECKLINE



RESULTS at 2 months and a half*

WSRS** : + 35,89 %

Hydration: + 55,43 %

Radiance of the complexion: + 41,66 %



WSRS**



GAIS*** Hydration



GAIS*** Radiance of the Complexion



% improvement in WSRs**



% improvement in Hydration



% improvement in Radiance of Complexion

*Multicentre study of Teosyal Redensity I efficacy, with a protocol of three sessions at three week intervals and a checkup at three weeks on the face, neck and neckline indications. 42 patients, April 2011. Mean of results obtained in the three study centres: Dr Julien Vivier, Dr Julien Carré, France, multi-bolus technique; Dr Britta Knoll, Germany, spray gun technique / manual

**WSRS Grade: evaluates the degree of severity of patients' wrinkles

***GAIS Grade: overall aesthetic improvement scale

FOR BETTER PATIENT COMFORT

PRE-INJECTION TECHNIQUE : RESTRUCTURING INFILTRATION with LIDOCAINE

To improve the effect of lidocaine, this technique consists in making **several pre-injections by bolus of 0.05 ml** of Teosyal Redensity I (as shown in the following diagram). The product will then spread around the injection points. It is recommended to wait **1 minute** before injecting the areas to be treated.



... FACE AND NECKLINE

Areas frequently exposed to the sun. After pre-injection, Teoxane recommends injecting Teosyal Redensity I using the multi-bolus technique for better hydration.

... NECK

Area less exposed to the sun (shadow area), less dehydrated than the face and neckline. After pre-injection, the multipuncture technique is recommended.

PROVED INJECTION COMFORT

- ➔ **92%* of patients** state that they felt no pain with Teosyal Redensity I
- ➔ **100%* of patients** were satisfied and ready to repeat the treatment with Teosyal Redensity I
- ➔ **More than 20%* pain reduction** during the injection and 26%* 5 to 10 minutes later, thanks to the addition of lidocaine.

*Multicentre study Teosyal Meso vs Teosyal Redensity I, Dr Carré, Dr Vivier, France, September 2010.

INJECTION TECHNIQUES

RECOMMENDED TECHNIQUES TO RESTRUCTURE THE SKIN AND REDUCE SHADOW AREAS

FACE, NECK, NECKLINE

••• Multi-bolus technique*

Recommended for the face and neckline, this technique is to make **puncture injections (point by point), called bolus, of a small amount of product of no more than 0.05ml in the superficial to the mid dermis** 1cm apart**. Make sure that no raised areas should be evident on the surface of the skin, if this occurs gently massage until even.

••• Retrograde technique adapted to Teosyal Redensity I***

This technique is to make **injections into the mid dermis, using a linear technique**. Insert the needle at an **angle of 45°, along the cutaneous depression**, then deposit the product in the mid dermis while removing the needle gently. After injection, do not hesitate to massage the injected area.

RECOMMENDED TECHNIQUE TO UNIFY THE COMPLEXION:

••• Multipuncture technique

This technique is to make **multiple injections of small quantity of product into the epidermis**. The injection points are **very close one to another** and distributed evenly across the area to be treated forming a line along the wrinkle.

*Multicentre study Teosyal Meso vs Teosyal Redensity I, September 2010, Dr Carré, Dr Vivier, France.

**Regarding the glabella area and all the neuro-vascular junctions areas (nasal spines for example), it is highly recommended to inject in the superficial dermis after suction control (to withdraw the plunger of the syringe before injecting) to avoid all risks of extravasation or accidental neuritis.

***Prelaunch study of technical feasibility and satisfaction, June-August 2011, France, 30 physicians.





- **COMPOSITION :**
 - Non cross-linked Hyaluronic Acid 15mg/g
 - Dermo-Restructuring Complex
 - Lidocaine 0.3%
 - **NEEDLE:** 32G1/2 or 30G1/2
 - **PACKAGES :**
 - 2 x 1 ml syringes
 - or : • 1 x 3 ml syringe
 - **INDICATIONS :**
 - Hydration
 - Radiance
 - Elasticity
 - Wrinkles and fine lines
 - **TREATED AREAS:** Face / Neck / Neckline
 - **INJECTION AREAS:** Epidermis / Superficial to mid dermis
 - **PROTOCOL:** 3 sessions at 3 week intervals
 - **TOP UP SESSION:** 2 to 3 sessions per year according to the skin's condition
-

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