SWISS INNOVATION APPLIED TO BEAUTY

LIGHT FILLING™

TEOSYAL PureSense Redensity I

A new light reflecting treatment

LABORATORIES TEOXANE GENEVA
TEOXANE LABORATORIES

Invents

LIGHT FILLING™

with Redensity™

A new light reflecting treatment
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.

* 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*

* Dr Fabien GIAUSSEAN, France
### ACTIONS AND RESULTS OF THE DERMOSTRUCTURING COMPLEX EFFICACY

#### RESTRUCTURING and CELL REGENERATION

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

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

<table>
<thead>
<tr>
<th>Amino acids:</th>
<th>Minerals: Zinc and Copper</th>
<th>Vitamin B6:</th>
<th>Amino acids:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Glycine, Lysine, Threonine, Proline</td>
<td></td>
<td>non-allergenic, cofactor in 140 chemical reactions in the cell</td>
<td>Isoleucine, Leucine, Valine</td>
</tr>
</tbody>
</table>

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)

<table>
<thead>
<tr>
<th>Glutathion</th>
<th>N-Acetyl-L-cysteine</th>
<th>Alphalipoic acid</th>
</tr>
</thead>
</table>

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**

<table>
<thead>
<tr>
<th>Hyaluronic acid 15 mg/g</th>
<th>Arginine</th>
</tr>
</thead>
</table>

Amino acid, natural hydration factor

In-depth hydration

Regulates hydration of the upper layers of the skin

#### REENSIFICATION 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
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*

![Images showing before and after results of Teosyal Redensity I treatment.](attachment:image.png)

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*

<table>
<thead>
<tr>
<th>BEFORE</th>
<th>AFTER</th>
</tr>
</thead>
<tbody>
<tr>
<td>Unstructured network</td>
<td>Remodelled, tightened network</td>
</tr>
<tr>
<td>skin losing density, uneven, non-hydrated, not reflecting light</td>
<td>skin densified, smooth and hydrated, reflecting light</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Redensity I</th>
<th>FACE</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>RESULTS at 2 months and a half</strong></td>
<td></td>
</tr>
<tr>
<td>WSRS** : + 82,71 %</td>
<td></td>
</tr>
<tr>
<td>Hydration: + 69,32 %</td>
<td></td>
</tr>
<tr>
<td>Radiance of the complexion: + 66,66 %</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Redensity I</th>
<th>NECK</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>RESULTS at 2 months and a half</strong></td>
<td></td>
</tr>
<tr>
<td>WSRS** : + 78,75 %</td>
<td></td>
</tr>
<tr>
<td>Hydration: + 75 %</td>
<td></td>
</tr>
<tr>
<td>Radiance of the complexion: + 75 %</td>
<td></td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>Redensity I</th>
<th>NECKLINE</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>RESULTS at 2 months and a half</strong></td>
<td></td>
</tr>
<tr>
<td>WSRS** : + 35,89 %</td>
<td></td>
</tr>
<tr>
<td>Hydration: + 55,43 %</td>
<td></td>
</tr>
<tr>
<td>Radiance of the complexion: + 41,66 %</td>
<td></td>
</tr>
</tbody>
</table>

*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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**BIBLIOGRAPHIC REFERENCES**


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