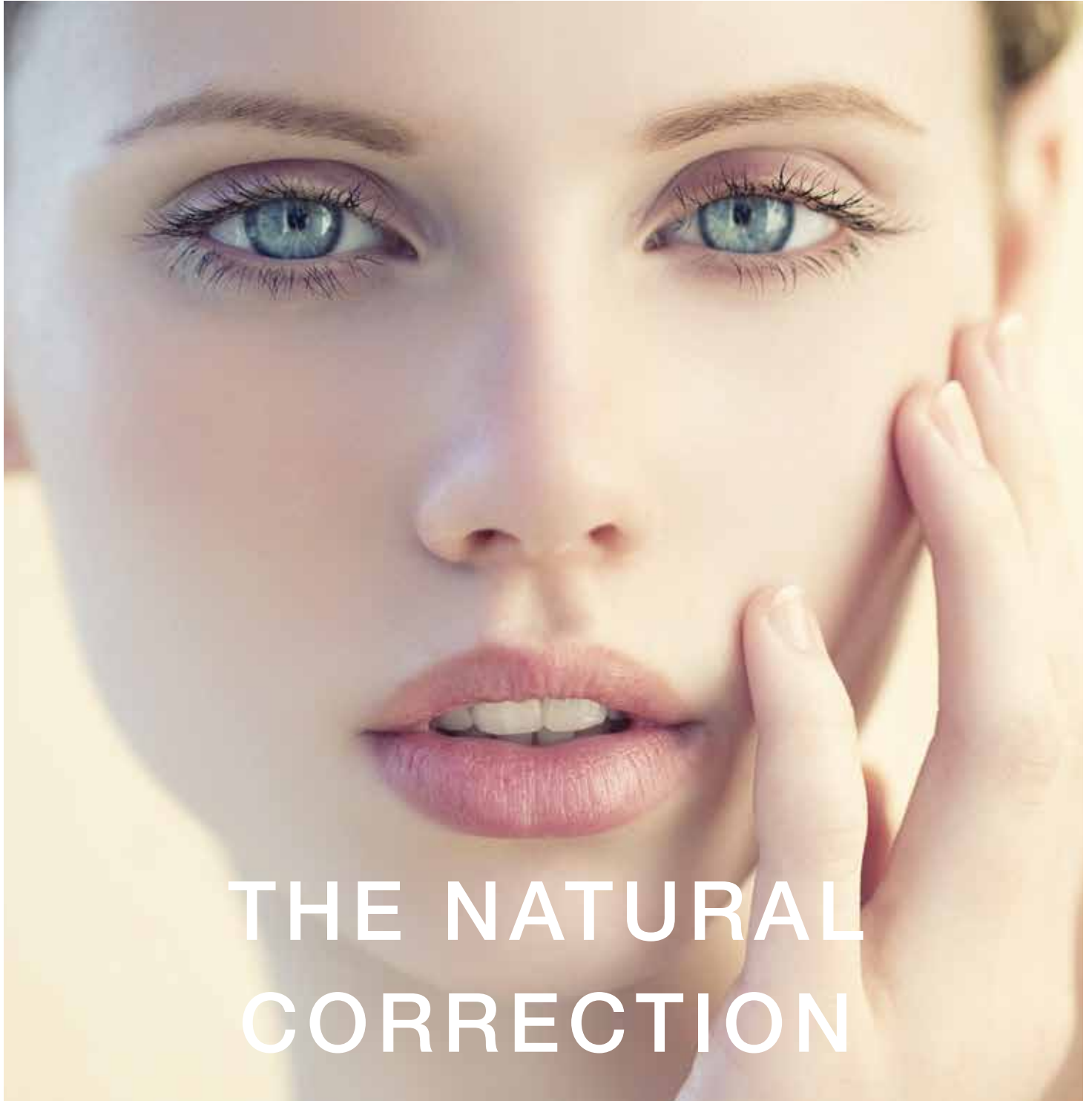


STYLAGE®

(IPN)-Like TECHNOLOGY
PATENTED

HYALURONIC ACID + ANTIOXIDANTS



THE NATURAL
CORRECTION



VIVACY®
PARIS



VIVACY®
P A R I S

VIVACY[®]
P A R I S

DESIGN, PRODUCTION, DISTRIBUTION

Cross-linked and non-cross-linked hyaluronic acid-based medical devices to reduce the visual effects of ageing.

25 - 35
years

35 - 45
years



STYLAGE®

STYLE YOUR AGE!

A full range of monophasic injectable dermal fillers based on hyaluronic acid (patented IPN-Like Technology) and antioxidants.

45 years
and +

Men's
business



Bi-SOFT®

INJECTION TECHNOLOGY

In its continuing quest for innovative excellence in Medical Aesthetic market, **Laboratoires VIVACY** has developed a unique delivery system, **Bi-SOFT®** **Injection Technology.**

The new syringe offering **greater precision, comfort and control** is specifically designed to support physicians in their daily practice during aesthetic treatments.

BI-SOFT® TECHNOLOGY, A PATENTED NEXT GENERATION DELIVERY SYSTEM

BI-MATERIAL TECHNOLOGY

- Made of **polycarbonate**.
- A « **soft-touch** » surface.
- Highly **transparent material**.
- Designed in **5 different color-codes** to quickly identify the products.

HANDLING ABILITY

- **Reduction of the injection force sensation.**
- Provides **extra grip** and **stability** between the surface of the syringe and the gloves.

OPTIMISED CENTER OF GRAVITY

- Ergonomic design for increased **physician's comfort**.
- A larger oval grip plate for **better handling** of the syringe and an easier product administration.



INJECTION VOLUME CONTROL

- **Top down** blue graduation.
- **Good readability**.

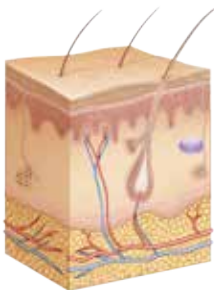
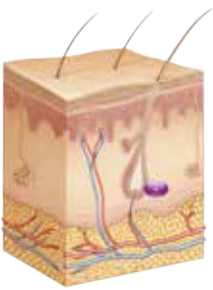
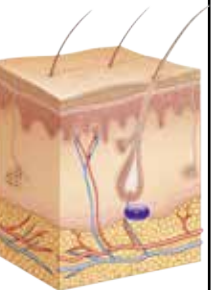
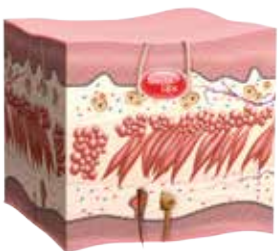




PERFORMANCE OF ASPIRATION TEST

- Special marks designed to perform **aspiration test**.

STYLAGE®

IPN-Like TECHNOLOGY
PATENTED



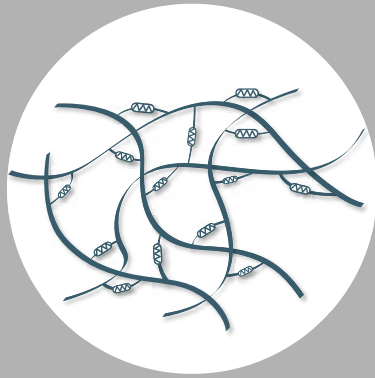
	FILLING SUPERFICIAL TO DEEP WRINKLES			LIP CORRECTION AND ENHANCEMENT
Composition	Cross-linked Hyaluronic Acid IPN-Like + Mannitol Exist also with 0.3% of Lidocaine	Cross-linked Hyaluronic Acid IPN-Like + Mannitol Exist also with 0.3% of Lidocaine	Cross-linked Hyaluronic Acid IPN-Like + Mannitol Exist also with 0.3% of Lidocaine	Cross-linked Hyaluronic Acid IPN-Like + Mannitol Exist also with 0.3% of Lidocaine
Concentration	16 mg/g	20 mg/g	24 mg/g	18,5 mg/g
Packaging and volume	2 x 0,8 ml	2 x 1 ml	2 x 1 ml	1 x 1 ml
Needles	30G½"	30G½"	27G½"	30G½"
Indications	Fine to medium wrinkles	Medium to deep wrinkles, Lips	Deep to very deep wrinkles	Lips
Depth of injection	Superficial to mid-dermis 	Mid to deep dermis 	Deep dermis 	Into or around labial mucosa 
Duration	 S 6 to 12 Months	 M 6 to 12 Months	 L 6 to 12 Months	 SPECIAL LIPS 6 to 12 Months

STYLAGE®

IPN-Like TECHNOLOGY
PATENTED

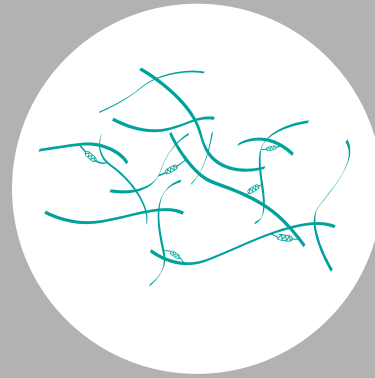


INDICATION AND INTENT	FACIAL REMODELING AND VOLUME RESTORATION		SKIN HYDRATION AND ELASTICITY IMPROVEMENT	
Indication	Cross-linked Hyaluronic Acid IPN-Like + Mannitol Exist also with 0.3% of Lidocaine	Cross-linked Hyaluronic Acid IPN-Like + Mannitol	Non-cross linked hyaluronic acid + Mannitol	Cross-linked hyaluronic acid IPN-Like + Sorbitol
Concentration	26 mg/g	21 mg/g	14 mg/g	12,5 mg/g
Volume	2 x 1 ml	2 x 1 ml	1 x 1 ml	1 x 1 ml
Gauge	27G½" 23G1¼"	27G½" 25G40mm (cannula)	30G½"	30G½"
Application	Facial Volume Restoration	Facial Volume Restoration and Creation	Moisturization	Moisturization
Depth	Deep dermis or Subcutaneous (SQ)	Deep dermis or Subcutaneous (SQ)	Superficial dermis or dermo-epidermal junction	Mid to deep dermis
Diagram				
Product Line	XL	XXL	HYDRO	HYDROMAX
Duration	12 to 18 Months	12 to 18 Months



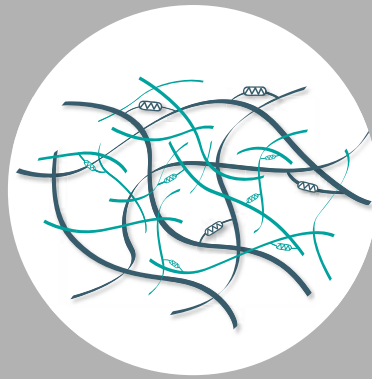
Monophasic cross-linked network A

+



Monophasic cross-linked network B

=



Interpenetrated networks:
Monophasic IPN-Like Network

THE ADVANTAGES OF IPN-LIKE TECHNOLOGY

IPN-Like Technology allows to accurately **define each product's viscoelastic properties**¹. Clinically, the properties sought by physicians are for example the **ability to lift, mechanical support and ease of spreading**. They are the result of the **product's unique combination between the elasticity and the viscosity of the gel**².

It is this combination that **determines the injection plan** of the gel and that allows it to respond to the various mechanical stresses to which it will be subjected in the tissues.

- Elasticity of the gel **suitable for each treatment depth** and viscosity of the gel **suitable for each histologic plan**.
- Increased elasticity for deep wrinkles or thicker skin.

THE INTERPENETRATION OF CROSS-LINKED NETWORKS¹

- **Optimises the products' rheology** in particular the viscosity to guarantee a good injectability.
- **Preserves the partial independence** of the interpenetrated networks whilst increasing the density of chemical nodes.
- **Guarantees the cohesion of the hyaluronic acid gel** and its monophasic properties.

1- IPN-Like Technology Patent delivered WO2009/071697 in 2008.

2- Sundaram, H. et al. « Biophysical characteristics of hyaluronic acid soft-tissue fillers and their relevance to aesthetic applications ». American Society of Plastic Surgeons, 2013.



IPN-LIKE TECHNOLOGY
INTERPENETRATED CROSS-LINKED NETWORKS

ANTI-RADICAL ACTION PROTECTIVE

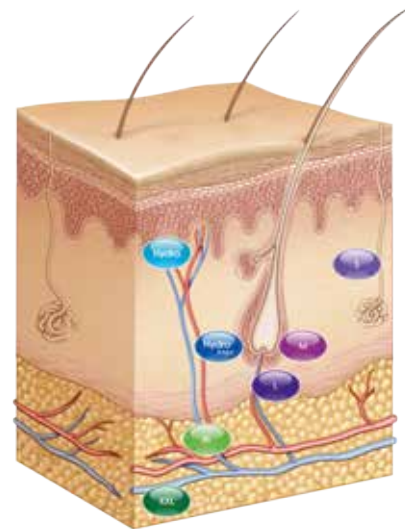
Sorbitol and Mannitol are antioxidants, effective scavengers¹ of the most aggressive hydroxyl radicals generated during the injection. They minimize degradation of the hyaluronic acid^{2, 3}.

STABILIZING ACTION EFFECTIVE

They act as thermal stabilizers guaranteeing the stability and physicochemical properties of STYLAGE® products ensuring effective and consistent correction during the entire product's shelf life⁴.

BIOCOMPATIBLE SAFE

Both of these natural antioxidants are of injectable quality according to the European Pharmacopeia and are well tolerated by the body. The concentration of the antioxidant, hyaluronic acid and phosphate buffer produces iso-osmolar finished products.



STYLAGE® range of dermal fillers is composed of various formulas adapted to treat all types of wrinkles, from the finest lines to the deepest wrinkles.

The injection site is determined according to each patient's specific needs and the desired effect. Among all wide STYLAGE® line of dermal fillers, **the physician has the possibility to choose a hyaluronic acid gel with the rheological properties the most adapted to the defined injection plan.**

Increasing elasticity of the gels for deep wrinkles and thicker skin to **ensure a mechanical « support » adapted to every treated wrinkle⁵.**

Increasing viscosity of the gels, generating a consequently decreasing spreadability for **an optimal insertion into the skin tissues depending on the treatment plan⁵.**

1. Smirnoff, N., Cumbes, Q. J. « Hydroxyl radical scavenging activity of compatible solutes ». Journal of Phytochemistry, Vol. 28, no. 4, pp. 1057-1060, 1989.

2. Mendoza G. et al. « Inhibitory effects of different antioxidants on hyaluronan depolymerisation ». Carb. Research, 342, 2007, pp 96-102.

3. Mongkhon, J.-M. & al. « Sorbitol-modified hyaluronic acid reduces oxidative stress, apoptosis and mediators of inflammation and catabolism in human osteoarthritic chondrocytes ». Inflamm. Res., 2014.

4. Back, J. F. & al. « Increased thermal stability of proteins in the presence of sugars and polyols ». Biochemistry, 1979, Vol 18, N°23, pp 5191- 5196.

5. Billon, R. et al. « Rheology of HA gels : fundamental principles and clinical applications in facial rejuvenation ». Ann Chir Plast Esthet., 2017.

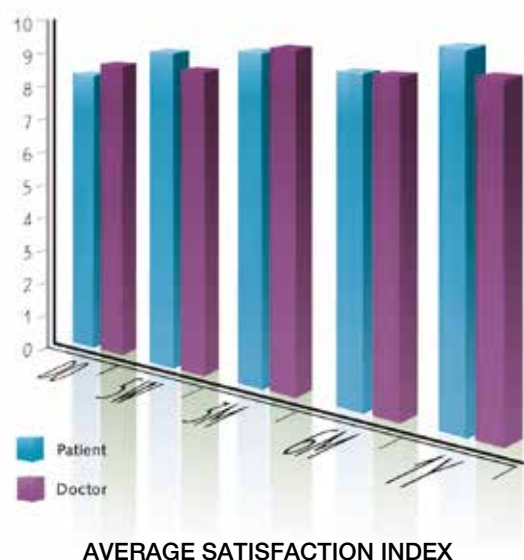
PERFORMANCE, RELIABILITY, DURABILITY

The STYLAGE® product line has demonstrated its effectiveness and excellent tolerance after 10 years⁽¹⁾ of its launch in international markets.

EXCELLENT TOLERANCE & EFFECTIVENESS

A prospective, multicentre, open study on STYLAGE® products conducted by ten specialists (dermatologists, aesthetic doctors and plastic surgeons) on 96 patients over a one-year period confirmed the excellent tolerance of STYLAGE® products in the skin: oedema, redness, haematomas...* typically observed in this type of injection resolved in an average of 7 days – with no delayed adverse effects after a one year follow-up⁽²⁾.

The study also showed that 97% of patients treated with one of the STYLAGE® products were satisfied with the treatment at 12 months⁽²⁾.



5 YEARS RETROSPECTIVE STYLAGE® SATISFACTION SURVEY

Laboratoires Vivacy performed a five year satisfaction survey in 8 countries including 80 practitioners, which globally represents 14.000 patients treated.

THE REPORT EVALUATED THAT⁽³⁾:

- 87% of the practitioners declared that the volumising effect of STYLAGE® was more convincing than what they usually see in their general practice.
- 85% of the interrogated physicians indicated that patients who were treated with STYLAGE® had better skin quality (hydration, suppleness and appearance) than what they usually see in their general practice.
- Regarding the lifting capacities (which are directly linked to the product elasticity), 87% of the physicians declared that STYLAGE® products capabilities' were notable, compared to what they usually see in their general practice.
- Moreover, the post-treatment natural appearance is critical to assess the good bio-integration of the product. In this survey, 91% of the physicians were totally satisfied by this parameter.

(1) CE marking obtained in 2008 for the first STYLAGE® products.

(2) "Retrospective, multicenter, open, non-controlled study on STYLAGE® products. 1 year follow-up" – VIVACY scientific data.

(3) "5 Years retrospective STYLAGE® Satisfaction Survey – VIVACY scientific data".

* Sensitivity, bruising, induration have also been resolved in an average of 7 days.



- M XL Temple Area
- S Glabella wrinkles
- S Crow's feet
- M Nose
- S Dark circles
- XL XXL Cheekbones and cheeks
- M Cheek wrinkles
- M L Nasogenian folds
- S Perioral wrinkles
- S HYDROMAX Labial commissures
- SPECIAL LIPS Lip volume and contour
- HYDRO HYDROMAX Neck
- XL XXL Facial oval
- M L Marionette lines
- XL Chin Remodeling
- HYDROMAX Hand Rejuvenation
- HYDRO HYDROMAX Décolleté zone

THE NATURAL CORRECTION

EXCLUSIVE «SPECIAL COMFORT» RANGE

ANAESTHETIC, ANTIOXIDANT,
IPN-LIKE TECHNOLOGY

STYLAGE®

IPN-Like TECHNOLOGY

LIDOCAINE



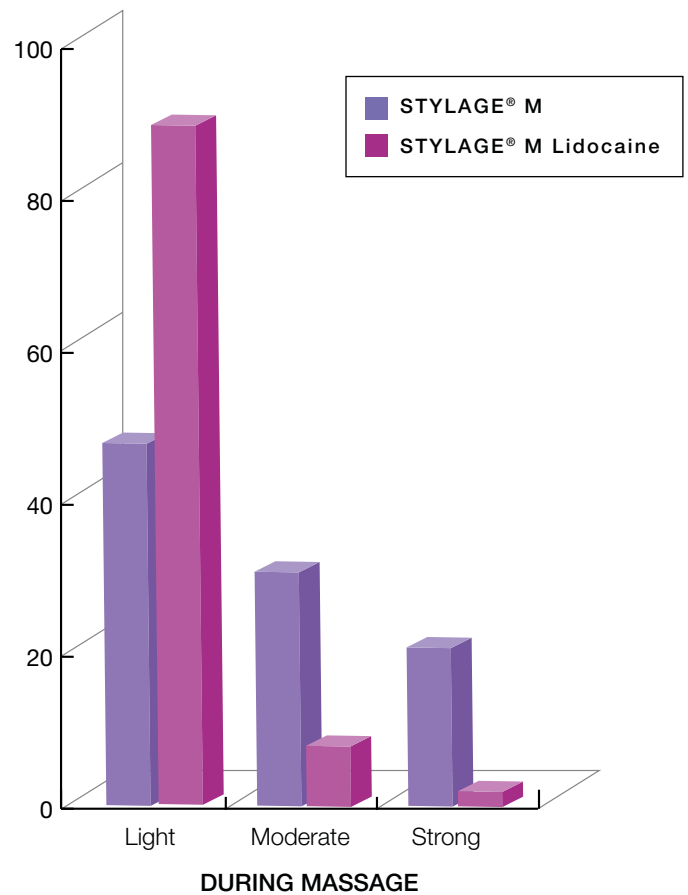
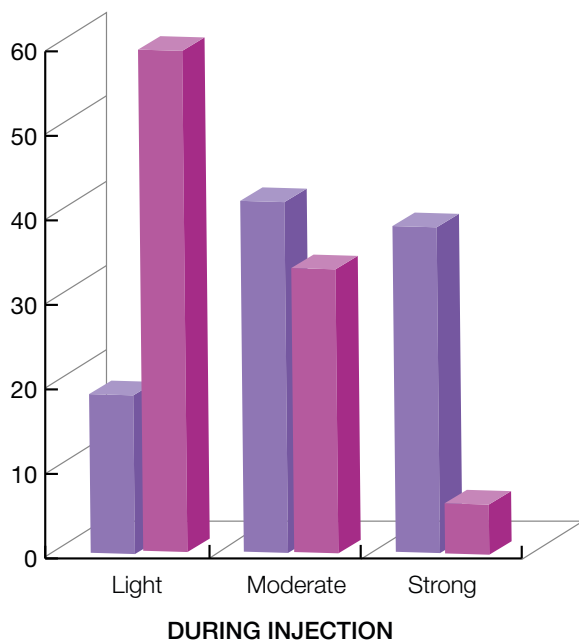
PERFORMANCE
AND COMFORT!

THE ADDITION OF LIDOCAINE ENSURES

THE COMFORT OF THE PATIENT

Laboratoires VIVACY has developed a formula for making injections less painful and improving the patient's comfort during the procedure. STYLAGE® Lidocaine reduces discomfort at the moment of the injection whilst providing skin smoothing and rehydration. The result is natural, immediate and long-lasting (between 6 and 18 months depending on the product).* The performance of the STYLAGE® Lidocaine "Special Comfort" product line is the same as that of the products without Lidocaine⁽¹⁾.

DISTRIBUTION OF PATIENTS (%) BY LEVEL OF PAIN EXPERIENCED⁽¹⁾



* The duration of the treatment is very individual and depends on many factors, such as the patient's skin type and structure, age, lifestyle, the area treated and the injection technique used by practitioner.
 1) Môle B, Gozlan L. - "Benefits of adding lidocaine to a hyaluronic gel - STYLAGE® M" - J. Cosm and laser therapy - 2011 Oct - 13(5): 249-254. Post-CE Marking single-blind clinical study performed on 84 patients comparing Stylage® M versus Stylage® M lidocaine. Level of pain experienced by patient during injection and massage measured on a scale from 1 to 10.



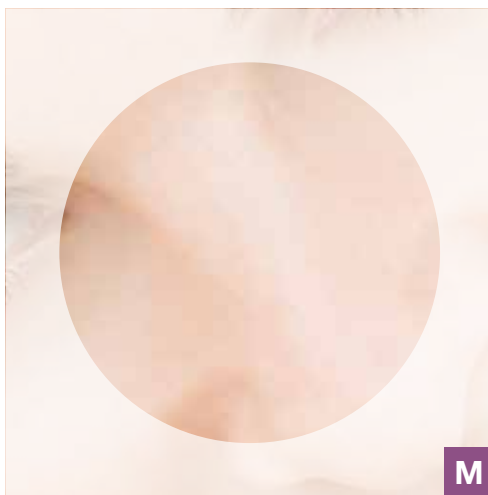
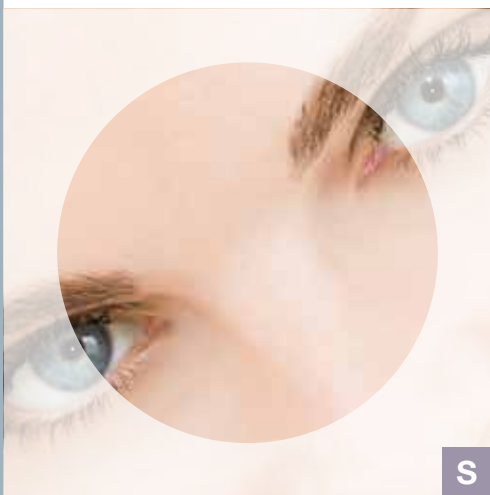
FILLING AND SMOOTHING OF WRINKLES

- Correction of fine lines and superficial wrinkles
- Correction of medium to deep folds
- Smoothing of wrinkled and creased areas

STYLAGE® S: for **superficial** to **medium** wrinkles.

STYLAGE® M: for **medium** to **deep** wrinkles.

STYLAGE® L: for **deep** to very **deep** wrinkles.



INJECTION PROTOCOL

Injection at various skin levels depending upon the product chosen and the area being treated, using fine needles or blunt tip cannulae.



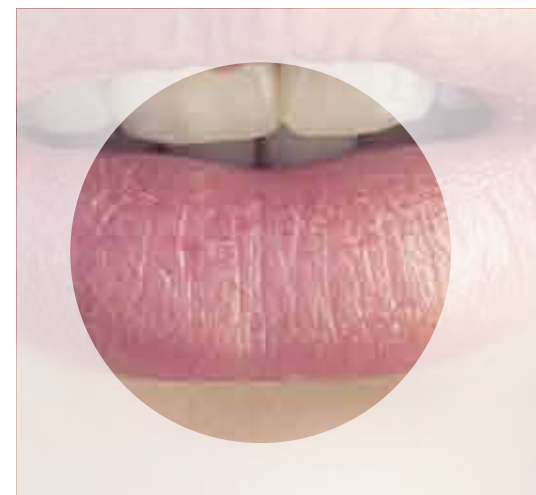
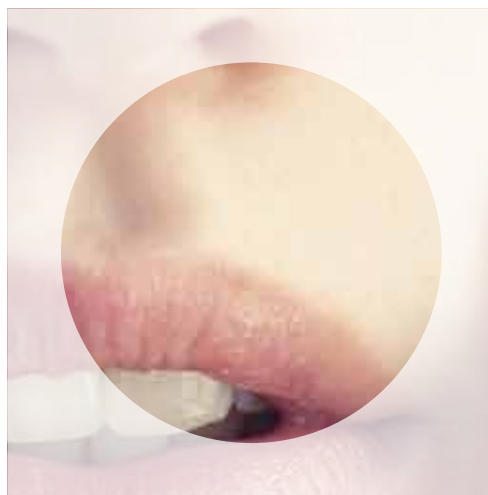
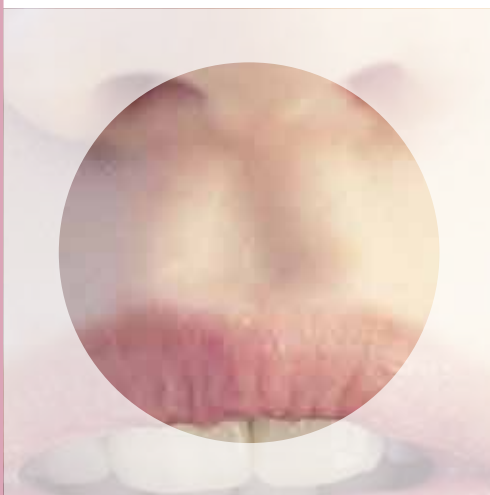
NATURAL CORRECTION OF THE LIPS

- Lip volume augmentation
- Definition of lip contour
- Rehydration of the lips

The lip is a very difficult area to treat correctly due to its mobility, vascularization and sensitivity to thermal and mechanical shocks. A product responsive to these constraints is required. **STYLAGE® Special Lips** is designed and formulated to meet these requirements. Its innovative composition results in a particularly effective treatment of this sensitive area.

ADVANTAGES

- **A specific product** for treating each of the indications associated with ageing of the lips: contour, lip volume, philtral crests (for enhancing Cupid's Bow) and rehydration of the lip flesh.
- **Easy to model** for easy placement and a sensual and harmonious result.



INJECTION PROTOCOL

Injection into and around the labial mucosa according to conventional techniques (retrograde tracing, micro-bolus) with a needle or cannula.



STYLAGE

EPD-Like TECHNOLOGY

STYLAGE®
EPD-Like TECHNOLOGY

XL
LIDOCAINE

XL

VIVACY

VIVACY®
PARIS

LIDOCAINE

XL

STYLAGE

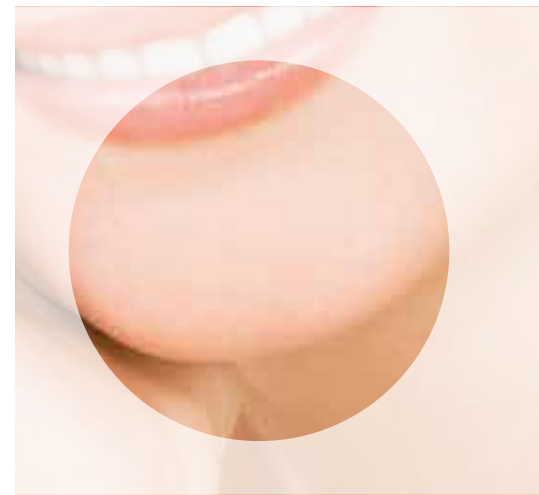
FACIAL VOLUME RESTORATION

- Volumetric restoration
- Increase volume of the cheekbones and cheeks
- Treatment of facial contours
- Treatment of hollow temples

STYLAGE® XL is a hyaluronic acid-based volumising gel cross-linked with IPN-Like technology, which creates support to the skin and improves the oval of the face with an immediate and long-term result. It is specifically designed **to restore volume**.

ADVANTAGES

- **Easy injection** with a needle or blunt tip cannula.
- **High malleability** of the product, allowing massage to achieve the desired end result shape.
- **High visco-elasticity**, which gives the product a remarkable ability to adapt to the movements of skin tissue, yet remaining at the site of injection.



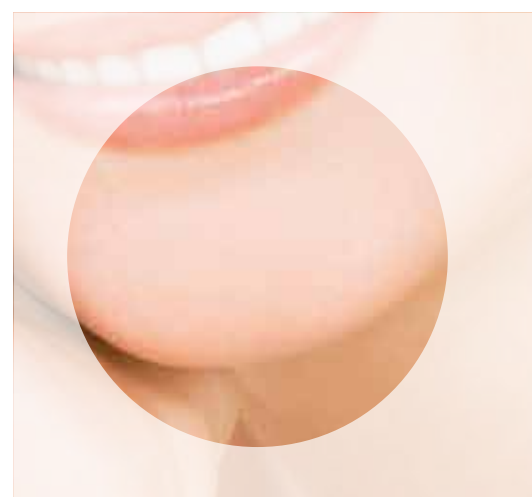
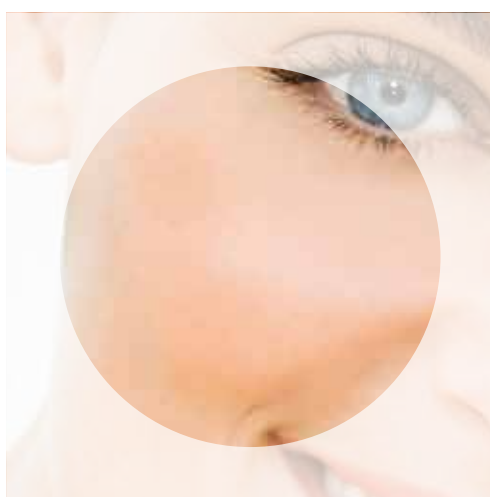
INJECTION PROTOCOL

Into the deep dermis and/or subcutaneous tissues depending upon the technique used and the desired effect.



FACIAL VOLUME RESTORATION AND CREATION

For restoring volumes, **STYLAGE® XXL** enables the harmony of the face to be significantly improved.



ADVANTAGES

- **Creation of volume:** **STYLAGE® XXL** is cohesive and volumising product. It is easily injected with a cannula and remains easy to model, thereby ensuring effective and very natural correction.
- **Increases the volume** of the subcutaneous tissues (cheekbones, cheeks, chin) and provides immediate correction of deep skin depressions.

INJECTION PROTOCOL

Into the deep dermis and/or subcutaneous depending on the technique used and the desired effect.



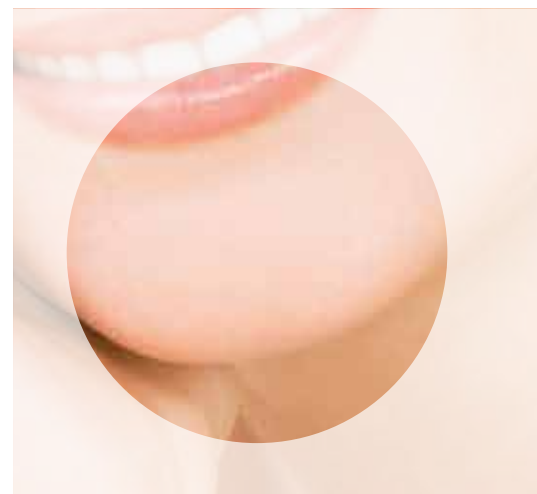
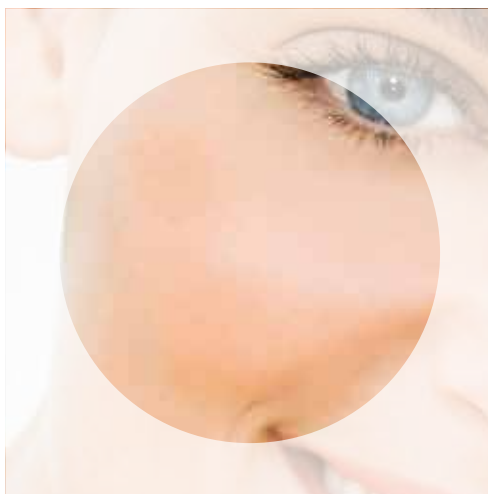
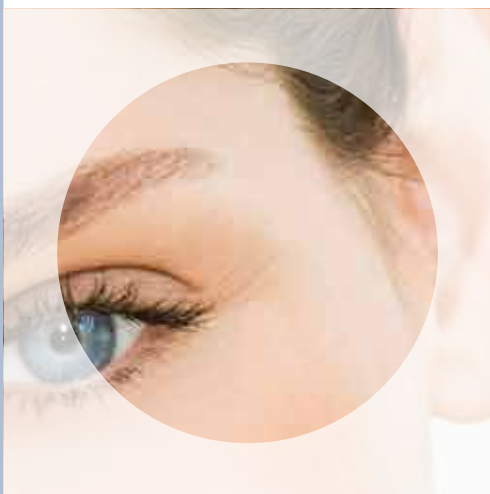
SKIN HYDRATION AND ELASTICITY IMPROVEMENT

- Hydration of the dermis
- Improved skin tone
- Optimized restructuring of the skin
- Delaying appearance of the skin aging process

STYLAGE® Hydro is an enhanced hyaluronic acid gel specially designed for treating moderate dehydration and skin laxity.

ADVANTAGES

The presence of the antioxidant Mannitol enhances the protective shield against free radicals and protects the non-cross-linked hyaluronic acid from excess degradation.



INJECTION PROTOCOL

Based on the patient's skin and the depth of the injection, one to three injection sessions are necessary for optimal treatment of the skin. Through regular touch-up sessions, it will be possible to make the desired correction more durable. Injection into **the dermo-epidermal junction or superficial dermis**, depending on the thickness of the skin.

- retrograde injections;
- multi-prick or “nappage”;
- micropunctures;
- mesotherapy injector gun.



MAXI HYDRATING ACTION

- **Double hydration:** HA and Sorbitol
- **Long-lasting action:** cross-linked HA
- **Antioxidant action:** Sorbitol

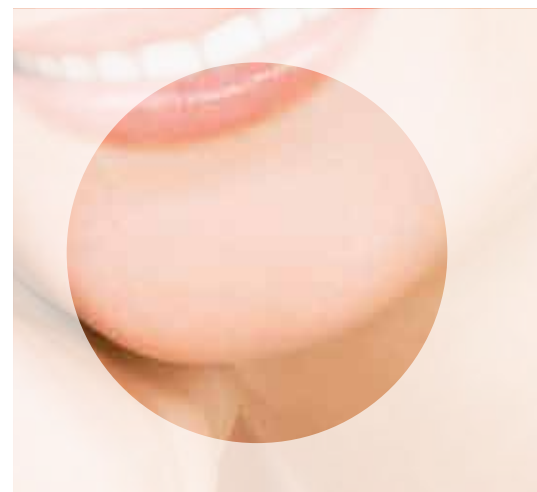
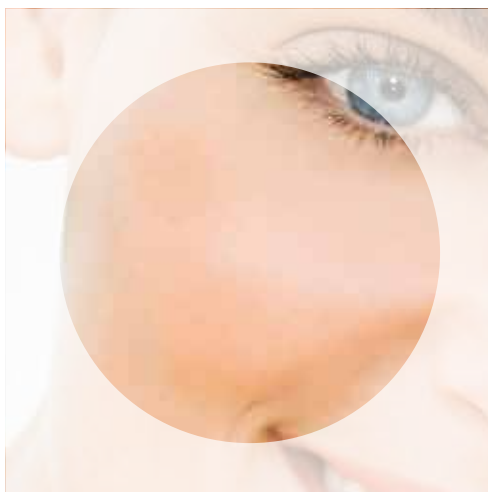
**3-IN-1
EFFECT**

STYLAGE® HydroMAX is a cross-linked hyaluronic acid gel, sterile, entirely biodegradable, incorporating a hydrating agent (Sorbitol), designed **for treating intense dehydration or skin laxity**.

ADVANTAGES

The presence of **Sorbitol, a powerful antioxidant and moisturizing agent**, helps the skin to retain water thereby maintaining hydration and limiting the immediate degradation of the weakly cross-linked HA. This results in an improvement of skin elasticity and a long-lasting moisturizing effect of the HydroMAX treatment:

- immediate and long-lasting healthy, glowing skin;
- optimized dermal restructuring over time.



INJECTION PROTOCOL

Based on the patient's skin and the depth of the injection, one to three injection sessions are necessary for optimal treatment of the skin. Through regular touch-up sessions, it will be possible to make the desired correction more durable.

Injection into the mid to deep dermis, depending on the technique used and the desired effect:

- retracing;
- micropunctures (into the deep dermis, since cross-linked).

BEFORE - AFTER

DR. OLOF NYBACKA (SWEDEN)



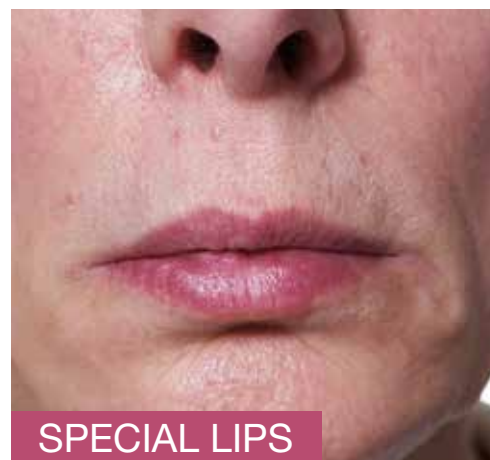
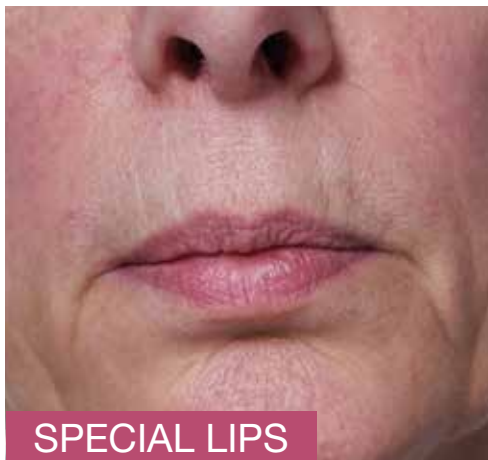
DR. JAMES SCHINAZI (FRANCE)



DR. MARYNA TAIEB (FRANCE)



DR. MARYNA TAIEB (FRANCE)

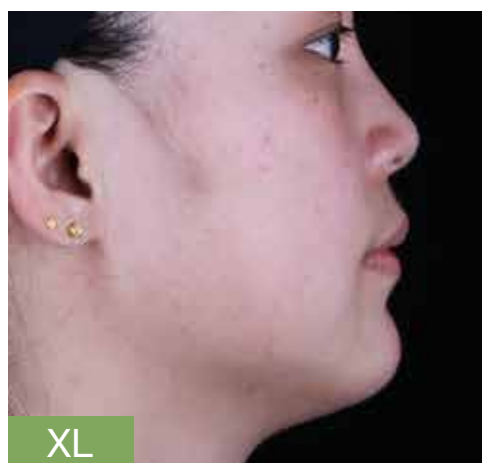
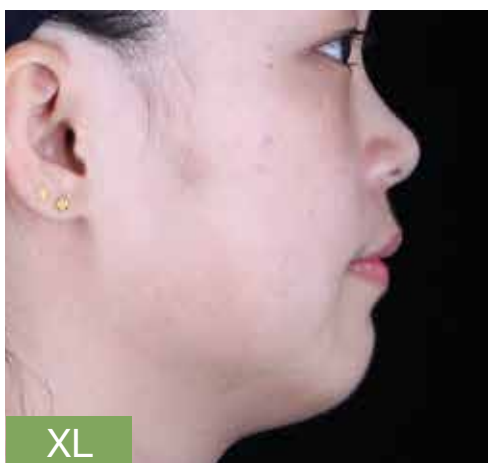


BEFORE - AFTER

DR. FRANCESCO LEVA (ITALY)



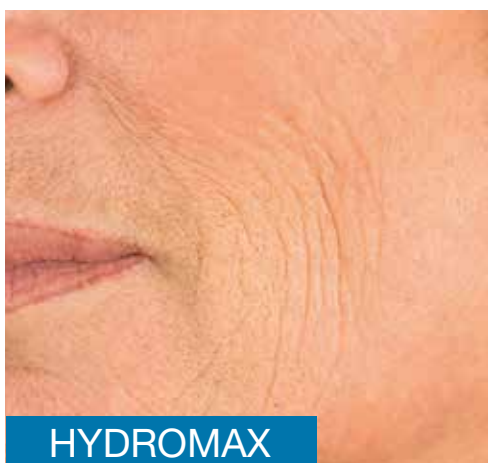
DR. JUN XU (CHINA)



DR. MARYNA TAIEB (FRANCE)



DR. MARYNA TAIEB (FRANCE)



PRODUCT QUALITY

Where are Laboratoires VIVACY's products designed and manufactured?

All **STYLAGE®** products are designed and developed in the **VIVACY's Research & Development Laboratory**, which is entirely dedicated to innovation in the Anti-Ageing field. They are produced in VIVACY's production plant, which is located in the dynamic Haute-Savoie region (France), next to the Swiss border.



Laboratoires VIVACY is always seeking to develop innovative, safe and high quality products meeting patients' and doctors' expectations in compliance with the European and International medical device regulations.

The R&D, Production, Quality & Regulatory Affairs' team work together towards a common goal of making high-end, perfectly tolerated and safe injectable products for the patients.



AND SAFETY

INNOVATIVE TRACEABILITY SYSTEM TRACK AND E-VERIFY THE ORIGIN OF YOUR STYLAGE® PRODUCTS

As a manufacturer, Laboratoires VIVACY manages the entire production process. **Safety is the absolute priority** and no compromise can be made in this regard.

As part of this commitment, VIVACY has launched in 2017 **an innovative traceability system** for their injectable products. RFID (Radio Frequency IDentification) chips with a **unique number** has been integrated into each packaging to guaranty safety and ensure better protection against counterfeits.

This RFID technology enables consumers around the world to e-verify the authenticity of the VIVACY's products by scanning them with their smartphones or any NFC readers via a dedicated mobile application: **“My Vivacy”** or via the www.vivacy-security.com website.

VIVACY
SECURITY

SAFE AND ORIGINAL PRODUCTS
FOR YOU AND YOUR PATIENTS!

AVAILABLE ON
360.cn

Download on the
App Store

GET IT ON
Google play



WANT TO MASTER YOUR INJECTION SKILLS?

Watch & Learn With



www.vivacy-learn.com



www.stylage.eu - www.vivacy.eu - www.vivacy-learn.com



V
VIVACY[®]
P A R I S

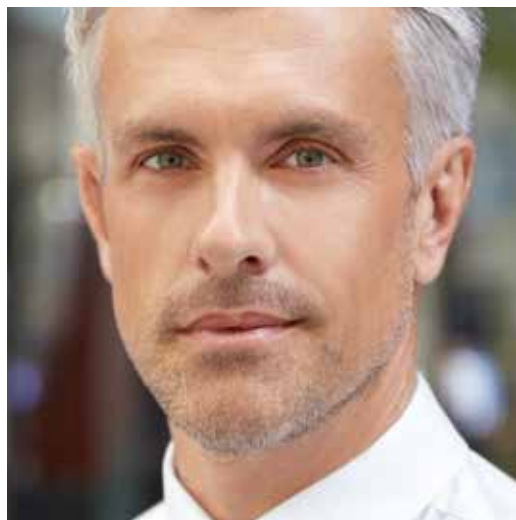


M A D E I N F R A N C E



TECHNOLOGY ON THE MOVE

MADE IN FRANCE



www.stylage.eu - www.vivacy.eu

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