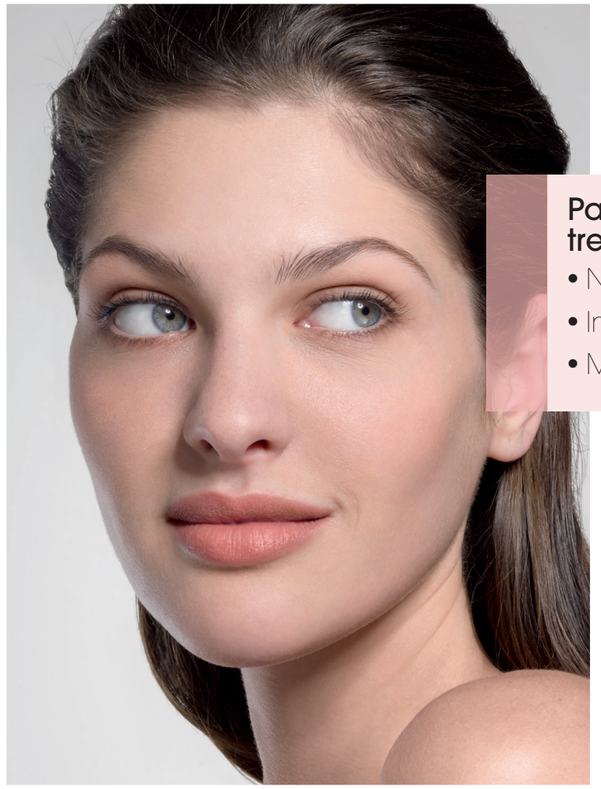
TEOXANE

TEOSYAL RHA®

THE EXCELLENCE OF SWISS SCIENCE

1ST RESILIENT HYALURONIC ACID
DEDICATED TO FACIAL DYNAMICS[1]

BEAUTIFICATION & REJUVENATION WITH HYALURONIC ACID



Patient expectations of the treatment [2,3]

- Natural results
- Immediate and long-lasting effect
- Minimal side effects

Expectations of the dermal fillers behaviour [2,3]

- Respect of facial dynamics
- Resistance and adaptability
- Maximized tolerance
- Ease of injectable[4]

PHYSIOLOGICAL BENEFITS DIRECTLY LINKED TO RHEOLOGICAL PROPERTIES[3]

Depending on the treated area, specific properties must be considered when choosing the best possible product profile to optimize the results.

Ability to fill expression lines while remaining undetectable

Volumizing capability while resisting under compressions

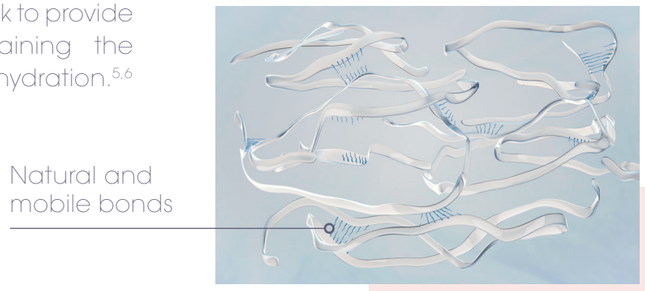
Malleability to follow movements & expressions

TEOSYAL RHA®

1ST RESILIENT HYALURONIC ACID DEDICATED TO FACIAL DYNAMICS[1]

Endogenous hyaluronic acid

Composed by very long chains and organized in a 3D mobile network to provide viscoelastic properties, maintaining the structure and preserving tissue hydration.[5,6]



TRADITIONAL METHOD[5]

- Harsher crosslinking conditions
- Fragmented hyaluronic acid chains
- Require higher MoD* (5 – 10%) for clinically interesting viscoelastic properties

RIGID STRUCTURE

UNIQUE PRESERVED NETWORK TECHNOLOGY

Intentionally designed to be more like the natural hyaluronic acid in the skin and adapt seamlessly to the dynamic demands of the face, to achieve a natural look.[1]

Optimized mild crosslinking conditions to preserve HA natural size and preserve natural bonding:

- Very long HA chains
- Less BDDE* required (low MoD** : 2-4%)
- Dynamic structure with labile and mobile bonds

RESILIENT & DYNAMIC
STRUCTURE

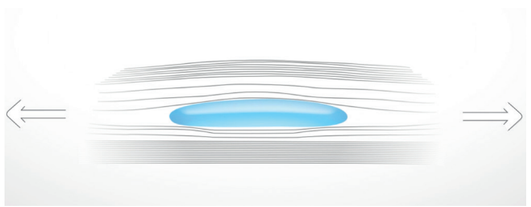
*MoD: degree of modification
**BDDE: 1,4-Butanediol Diglycidyl Ether

HIGHLY DYNAMIC FILLERS[1]

Dynamic rheology concept based on 2 parameters taking the dynamic demands of the face into account:

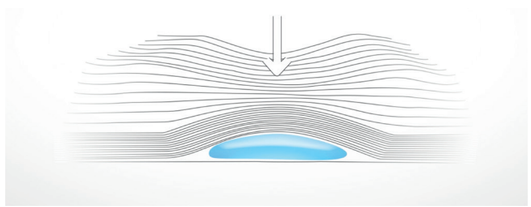
PATENDED EVALUATION METHODS

STRETCH



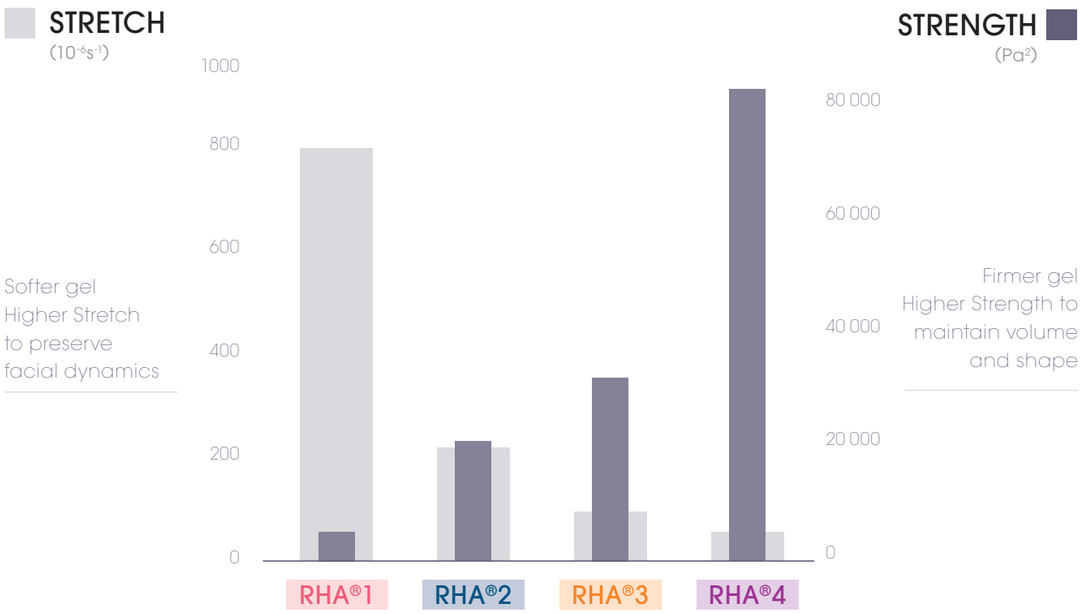
Assessing gel malleability
to accompany facial movements

STRENGTH

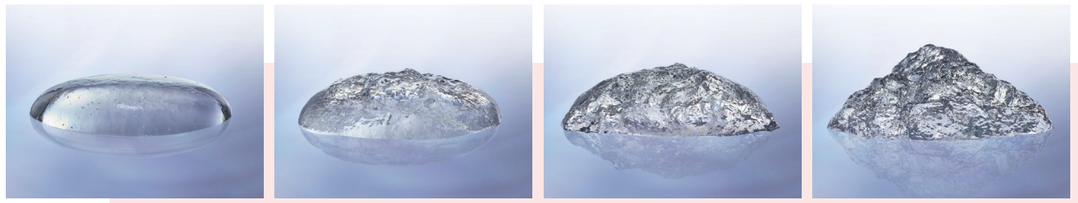


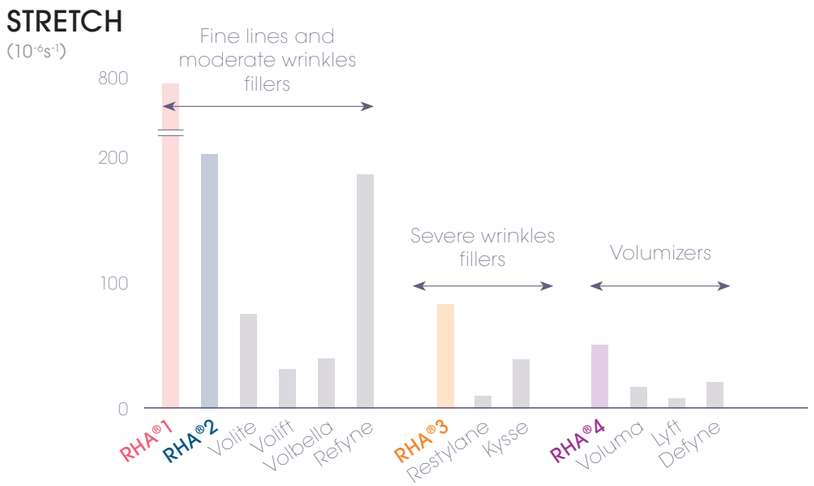
Assessing the capacity
to maintain shape and projection

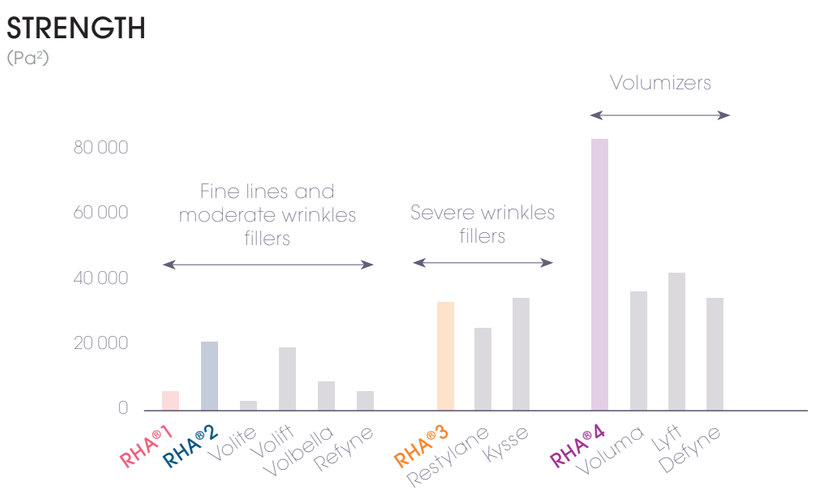
TEOXANE designed a range of resilient hyaluronic acid fillers able to stretch and resist under repeated harsh stress conditions. Each filler has a well-defined rheological profile in order to meet the clinical needs.



UNIQUE RHEOLOGICAL PROFILE DEDICATED TO FACIAL EXPRESSIONS[1]







RHA products exhibit the **largest Strength and Stretch ranges**

RHA®1 intended for more superficial indications displayed the **highest Stretch**

whereas RHA®4 volumizer exhibited **the highest Strength.**

PROVEN CLINICAL EFFICACY AND SAFETY IN AN **18**-MONTH COMPARATIVE STUDY[8]

Prospective, double-blinded, split face, randomized and controlled trial 90 subjects with moderate to severe nasolabial folds (NLF).

This pilot trial demonstrated the numerous benefits of **3 resilient HA fillers with low BDDE crosslinking** in the treatment of **dynamic wrinkles.**

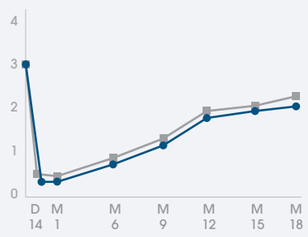
- **Improvement of WSRS** scores for **100% of patient until 18 months**
- **Superior** improvement of the nasolabial fold **on the long term**
- **Good safety profile**: safe and well tolerated fillers with the majority of mild to to moderate local common treatment reactions lasting less than 7 days
- **Immediate and long-term satisfaction** for investigators and subjects

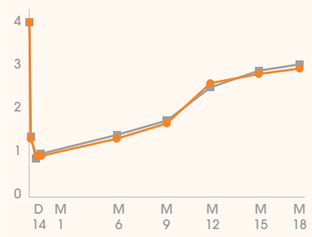
RHA® 2
vs Juvéderm Volift
in moderate NLF

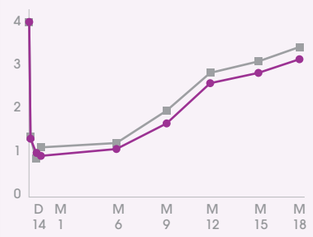
RHA® 3
vs Juvéderm Ultra 4
in severe NLF

RHA® 4
vs Ultra Deep
in severe NLF

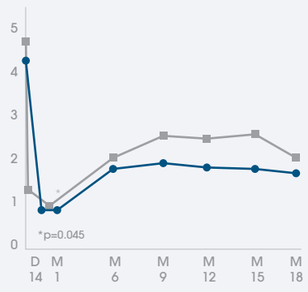
WSRS wrinkles severity from D0 to D18 (primary criterion at 6 months)

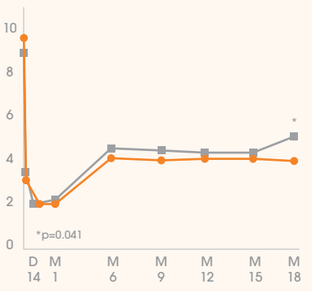


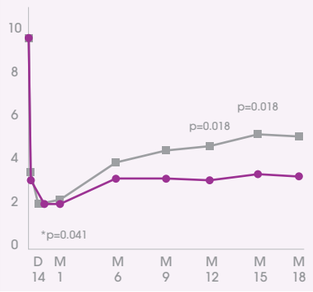




Volume of the nasolabial fold from D0 to M18 (mm³)

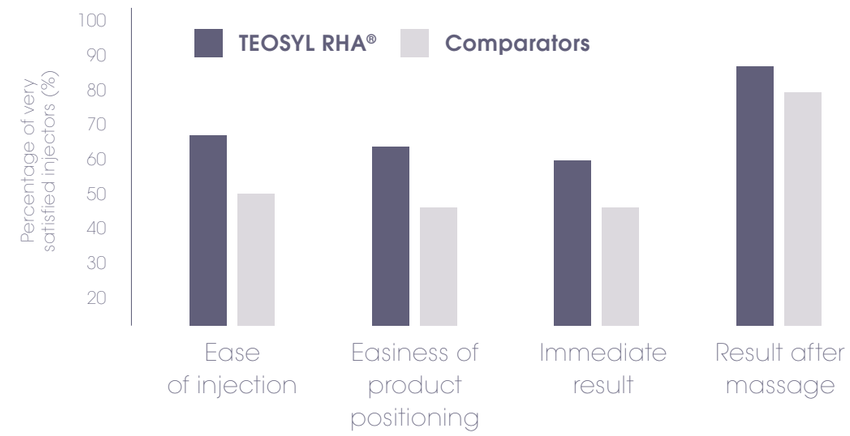






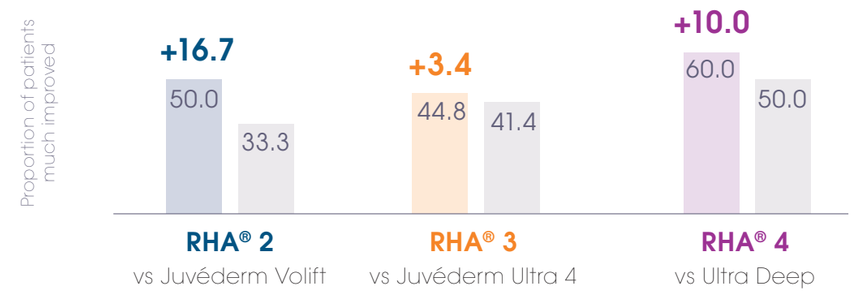
PHYSICIANS AND PATIENTS HIGHLY SATISFIED BY RHA PRODUCTS PERFORMANCE

High physicians' satisfaction



Better GAIS* score at 12 months

Over the long term, subjects tend to favor RHA fillers over comparators.



*GAIS = Global Aesthetic Improvement Scale
Population: both genders (39-70 years) with 2 symmetrical moderate (WSRS=3) to severe (WSRS=4) nasolabial folds

TEOSYAL RHA® 1

DYNAMIC SUPERFICIAL WRINKLES[9]

- **Very malleable gel with high Stretch** to fill in fine lines of the face, neck and décolleté such as:

  Perioral rhytids | Necklines

- Ideally **combined with Redensity 1** for a complete **skin quality** treatment approach.

HYALURONIC ACID CONCENTRATION	**15** mg/mL
COMPOSITION	High Molecular Weight Mix of crosslinked & non-crosslinked HA
DEGREE OF MODIFICATION (MoD)	**~ 1.9 %**
LIDOCAINE	0.3 %
INJECTION DEPTH	**Dermis**
NEEDLE PROVIDED	30 G x 1/2"
PACKAGING /BOX	2 x 1 mL

PERIORAL RHYTIDS

BEFORE

AFTER

Prospective clinical study

Retrograde linear threading & multiple punctures

RHA® 1:
Upper (0.6 mL)
Lower (0.4 mL)

NECK LINES

BEFORE

AFTER

Courtesy of Pr. Giuseppe Sito, Italy

Retrograde linear threading

RHA® 1:
1 mL

TEOSYAL RHA® 2

DYNAMIC MODERATE WRINKLES AND LIPS[10]

- **Smooth gel with good Stretch** designed for **moderate wrinkles** such as:

  Forehead | Glabella | Crow's feet lines
  Nasolabial folds | Marionette lines | Oral commissures

- **Malleable gel for dynamic lip reshaping**: subtly enhance the lip volume and accompany lip movements.

HYALURONIC ACID CONCENTRATION	**23** mg/mL
COMPOSITION	High Molecular Weight Crosslinked HA
DEGREE OF MODIFICATION (MoD)	**~ 3.1 %**
LIDOCAINE	0.3 %
INJECTION DEPTH	**Dermis or labial mucosa**
NEEDLE PROVIDED	30 G x 1/2"
PACKAGING /BOX	2 x 1 mL

FDA APPROVED

FOREHEAD & GLABELLA

BEFORE

AFTER

Courtesy of Dr. Jesus Colina, Spain

RHA® 2:
1.2 mL

RHA® 1:
0.4 mL

LIPS

BEFORE

AFTER

Courtesy of Dr. Mark Posselt, Germany

Lip contour & fullness: retrograde threading

RHA® 2:
1 mL

TEOSYAL RHA® 3

DYNAMIC SEVERE WRINKLES AND LIPS[11]

- **Firm gel** with good Strength to treat **severe dynamic wrinkles** such as :

  Nasolabial folds | Marionette lines

- **Optimal rheological properties for dynamic lip plumpness** : enhance the lip fullness and accompany lip dynamic movements

HYALURONIC ACID CONCENTRATION	**23** mg/mL
COMPOSITION	High Molecular Weight Crosslinked HA
DEGREE OF MODIFICATION (MoD)	**~ 3.6 %**
LIDOCAINE	0.3 %
INJECTION DEPTH	**Dermis or labial mucosa**
NEEDLE PROVIDED	27 G x 1/2"
PACKAGING /BOX	2 x 1 mL

FDA APPROVED

NASOLABIAL FOLDS

BEFORE

AFTER

Courtesy of Dr. Riccardo Marsili, France

Retrograde threading

RHA® 3:
2 mL per side

LIPS

BEFORE

AFTER

Courtesy of Dr. Nabila Azib, Morocco

Lip contour & fullness: retrograde threading

RHA® 3:
1,2 mL

TEOSYAL RHA® 4

VOLUME IN DYNAMIC EXTENDED AREAS[12]

- Moldable gel with **very high Strength** and good Stretch to provide **soft volume** and enhance the **contour** of extended areas such as :

  Temples | Jawline

  Cheek | Chin

- **Ideally combined with Ultra Deep,** a very firm gel for deep structural support, with the multilayering technique.*

HYALURONIC ACID CONCENTRATION	**23** mg/mL
COMPOSITION	High Molecular Weight Crosslinked HA
DEGREE OF MODIFICATION (MoD)	**~ 4 %**
LIDOCAINE	0.3 %
INJECTION DEPTH	**Subcutaneous - Superficial fat compartments**
NEEDLE PROVIDED	27 G x 1/2"
PACKAGING /BOX	2 x **1.2** mL

FDA APPROVED

CHEEKS & NASOJUGAL GROOVE

BEFORE

AFTER

Courtesy of Dr. Cyrielle Bela, Switzerland

Bolus & linear threading
RHA® 4:
0.6 mL

Tear trough
Linear threading
Redensity 2:
0.8 mL

CHIN

BEFORE

AFTER

Courtesy of Dr. Patrick Trévidic, France

Bolus
RHA® 4:
0.6 mL

*Find out more about the multilayering technique by joining our Teoxane Academy : www.teoxane.academy

TEOSYAL RHA KISS®

SUBTLE VOLUME AND CONTOUR[14]

LATEST IN THE RANGE

- Optimal rheological properties with a high Stretch and cohesivity **for natural and dynamic lip definition** up to 12 months duration.

Contour | Subtle volume

0,7 mL volume syringe adapted for

- First lip treatment
- Subtle lip enhancement : volume and contour
- Touch-up

HYALURONIC ACID CONCENTRATION	**23** mg/mL
COMPOSITION	High Molecular Weight Crosslinked HA
DEGREE OF MODIFICATION (MoD)	**~ 3.1 %**
LIDOCAINE	0.3 %
INJECTION DEPTH	**Labial mucosa**
NEEDLE PROVIDED	30 G x 1/2"
PACKAGING /BOX	2 x **0.7** mL

LIPS

BEFORE

AFTER

Courtesy of Dr. Patrick Trévidic, France

Lip contour: anterograde threading

Lip fullness: bolus

RHA KISS®: 0.5 mL

BEFORE

AFTER

Courtesy of Dr Patrick Trévidic, France

Lip contour: anterograde threading

Lip fullness: bolus

RHA KISS®: 0.7 mL

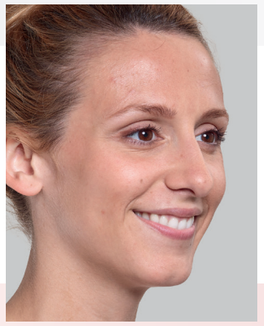
BEFORE

AFTER

LIPS - TEAR TROUGH - CHIN

PRESERVE NATURAL EXPRESSIONS

BEFORE



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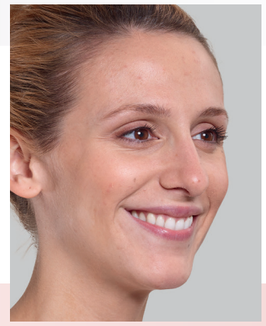


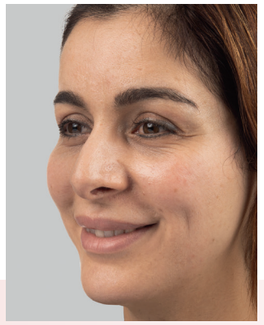
LIPS - CHIN

BEFORE

AFTER

FULL FACE TREATMENT

BEFORE



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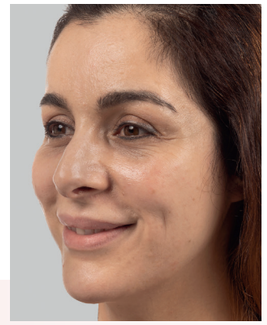

FULL FACE TREATMENT

BEFORE

AFTER

MIDFACE TREATMENT

At TEOXANE, our commitment to empower your true natural beauty is fuelled by preserving your very own expressions.

Through nearly 20 years of continuous innovation, TEOXANE Laboratories Switzerland have developed a range of dermal fillers and cosmeceuticals containing hyaluronic acid that is the closest to your skin's natural ones.

Meaning, our unique hyaluronic acid gels harmonize with your continuous facial and expressive motions, to preserve your own beauty and expressions.

Find out more by joining our **TEOXANE ACADEMY**

A curriculum of interactive e-learning modules to sharpen your knowledge

A series of webinars and replays

A peer-to-peer exchange and sharing of best practices

www.teoxane.academy

1. Faivre J, et al. Advanced Concepts in Rheology for the Evaluation of Hyaluronic Acid-Based Soft Tissue Fillers. Dermatol Surg. 2021 Jan. 2. Kantar Health. The European TEOSYAL®PEN survey included 30 physicians and 236 patients. 42 patients had never received manual injection with a hyaluronic acid-based filler. Report n°40HB64. 2015. 3. Michaud T, et al. Facial dynamics and emotional expressions in facial aging treatments. Journal of Cosmetic Dermatology. 2014;1-13. 4. Breithaupt AD, et al. Next-generation dermal fillers and volumizers. Cosmet Dermatol. 2012;25:184-19. 5. Anderegg U, et al. More than just a filler- the role of hyaluronan for skin homeostasis. Ex Dermatol, 2014;23(5):295-303. 6. Stern R, et al. Hayluronan in skin: aspects of aging and its pharmacologic modulation. Clin Dermatol. 2008;26(2):106-22. 7. Pomarède N, et al. Hyaluronic acid injection. Ann Dermatol Venereol. 2009;136 Suppl 6:S287-9. 8. Rzany_2019_RHA-Europe-NLF_DermSurg. 9. RHA® 1 = TEOSYAL RHA® 1 – instruction for use. 10. RHA® 2 = TEOSYAL RHA® 2 – instruction for use. 11. RHA® 3 = TEOSYAL RHA® 3 – instruction for use. 12. RHA® 4 = TEOSYAL RHA® 4 – instruction for use. 13. RHA KISS® = TEOSYAL RHA KISS® – instruction for use.

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TEOXANE SA
Les Charmillles
Rue de Lyon, 105 CH 1203
Geneva, Switzerland

www.teoxane.com

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