

MED **K SURGERY**
LABORATORIES

SHAPING THE
BEAUTY OF TOMORROW

MATERIAL INTENDED FOR MEDICAL PRACTITIONER'S USE ONLY

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20+

YEARS

30+

DISTRIBUTORS

40+

COUNTRIES

10

CLEAN
ROOMS

20+

MEDICAL
DEVICES



DAILY PRODUCTION CAPACITY

46K

VIALS

22K

SYRINGES

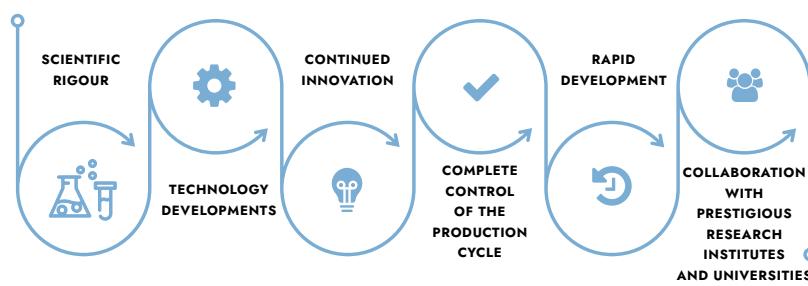
VISION & MISSION



“

Fully satisfying the needs of patients and healthcare operatives with an approach that is both innovative and scientific is the mission of Ksurgery Med.

Dott. Dario Scaffai
Vida Pharma CEO





QUALITY

All our production areas are compliant with the **strictest international standards**:



**The UNI EN ISO 14644-1 standard has been drawn up to govern the production of clean rooms and controlled associated environments; it is part of the broader UNI EN ISO 14644 standard regarding the sector and in specific terms, the classification of clean air, where, defining air cleanliness (ISO 1-9) and the relevant maximum particle content levels envisaged, replaces the previous regulation, Federal Standard 209.*

The production of medical devices requires a **strong, constant attention to safety and to compliance with current regulations**. Ksurgery Med works to meet the highest quality standards every day. Our structures conform to UNI EN ISO 14644 standards and our quality management system is certified according to ISO 13485:2016.

Since 2023 we have embarked on a process of expansion for our medicines and cosmetics production which has made it possible to improve production speed, using next-generation automatic machinery.

Our in-house laboratories are the nerve centre of our company.

All production areas for semifinished items are clean rooms with ISO 5 classification, compliant with the UNI EN ISO 14644-1* standard; for the purpose of avoiding any type of contamination the air has minimum specific particle content levels and controlled microbiological conditions. Production areas are subject to regular environmental audits, in compliance with a strict safety and hygiene policy.

Opéra®

SKIN **FILLER**

A NEW FRONTIER IN REDEFINING
FACIAL VOLUMES AND
REJUVENATING THE APPEARANCE





OUR TECHNOLOGY

ELASTION®

The modification of hyaluronic acid through crosslinking is a desirable procedure when aiming to enhance the characteristics of this valuable compound.

Our established know-how in producing products that consistently meet the requirements of both physicians and patients is a testament to our extensive experience, enabling us to provide effective solutions in a challenging market.

Vida owns the innovative ELASTION® technology, which encompasses three production processes: H.H.T., M.F.HA., M.M.A.



H.H.T.

High Hydration Technology

Resulting from extensive research, this procedure facilitates the homogeneous and uniform intercalation of water molecules within the crosslinked biopolymer. Through High Hydration Technology, **a gel with an exceptionally high degree of hydration** is achieved, a characteristic unattainable with standard absorption procedures.

M.F.HA.

Micro Fragmentation Hyaluronic Acid

M.F.HA. technology facilitates the fragmentation through a mechanical system, where time and velocity play a crucial role in obtaining a mass composed of microparticles. These microparticles exhibit enhanced swelling speed and efficiency during the swelling phase. M.F.HA. technology **augments the elastic modulus G' and the percentage of elasticity**, resulting in a product that is readily extrudable from the syringe and possesses improved moldability.

M.M.A.

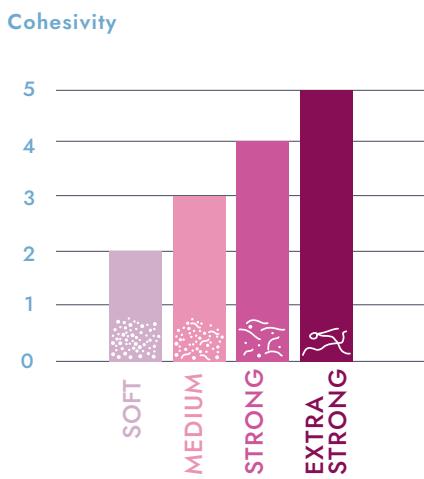
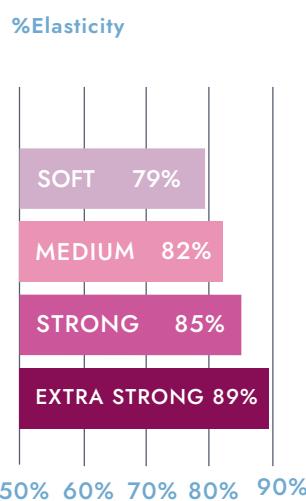
Macro Molecular Alignment

Through high-pressure processing of the crosslinked gel, it is possible to achieve an alignment of the polymerized hyaluronic acid chains. This alignment **enhances the projection and dynamic response** of the gel upon injection.



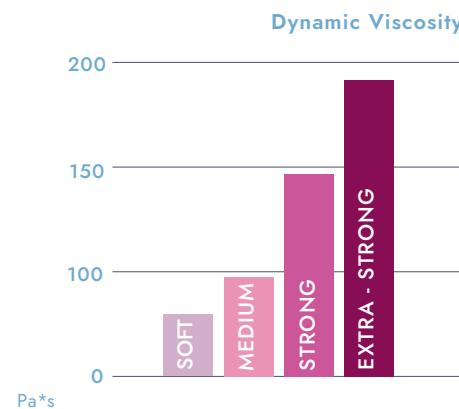
MED **K SURGERY**
LABORATORIES

FOCUS ON



*Zerbinati N. Et al, Polymers 2021;13:948
 **Sundaram H et al. Plastic And Reconstr. Surgery. 2015;
 136(4):678

1. Product **extrudability** is enhanced by its viscoelastic properties and the ergonomic design of the syringe;
2. Gel **distribution** within tissues is achieved by controlling gel cohesion through parameters such as hyaluronic acid concentration and degree of crosslinking;
3. The **gel's capacity to project within tissues**, responding to their stress, is ensured by its elastic properties, which enable it to dissipate compressions, integrate, and distribute thoroughly;
4. The **gel's plastic behavior** is crucial for its adaptation to facial dynamics and expressions without altering facial features;
5. Natural biodegradation of the product ensures **maximum safety** and long-term protection.



REFERENCE	HA (mg/ml)	Reology		Extrusion	
		Dynamic Viscosity	Complex Viscosity	Medium force (N)	Needle type
SOFT	20	30-70	200-250	40-70	20-50
MEDIUM	21	70-120	240-280	50-70	20-35
STRONG	24	120-170	280-360	50-80	20-45
EXTRA STRONG	26	150-220	> 340	50-80	20-35
BODY	20	40-60	10-20	5-15	Cannula 16G

*data calculated at shear rate values 1 sec⁻¹



Opéra®



MED **K SURGERY**
LABORATORIES

Opéra® SKINFILLER



OUR GUARANTEES

Opéra is the **innovative line** of fillers for face, lips, and body, designed to enhance the patient's beauty and uniqueness.

A line of **certified, safe, long-lasting and completely reabsorbable** fillers.

100% MADE IN ITALY

100% MADE-IN-ITALY, a synonym of guarantee and excellence.

Skinfillers are sterile, injectable, apyrogenic, reabsorbable medical devices, class III in accordance with Directive 93/42/EEC, based on cross-linked hyaluronic acid derived from bacterial fermentation.



CROSS-LINKING



Cross-linking hyaluronic acid inside the product makes the filling effect more stable and longer lasting. Thanks to the different concentrations of hyaluronic acid in each product, Opéra fillers guarantee the achievement of multiple aims, according to individual patient needs.

A syringe of Opéra I Skin Filler Soft is shown against a pink and grey geometric background. The syringe is clear with a blue plunger and a black needle. The label on the syringe reads 'Opéra I SKIN FILLER SOFT'.

Opéra^I

SKINFILLER SOFT

FOR A LIGHTER MORE SPECIFIC ACTION

Opéra I is a filler to **correct lines and fine to medium surface wrinkles**.

Particularly recommended for the following flaws and areas: laughter lines, bar code lines, wrinkles in the eye area, scar traces (acne, chickenpox).

Treatment

Fine and medium lines and wrinkles

Application

*Barcode
Acne Scars
Wrinkles around the eyes*

Plan of injection

Superficial dermis

Cross-linked HA concentration

20 mg/ml

 Every 5 months

 1x1ml

 7

 2 x 30G



MED **K SURGERY**
LABORATORIES

A photograph of an Opéra II Skin Filler Medium syringe. The syringe is clear with a blue plunger and a blue cap. The word 'Opéra' is printed on the side of the barrel. It is positioned vertically in the center of the page, with a pink background.

Opéra[®]

SKINFILLER MEDIUM

FOR NATURAL VOLUMES AND LESS DEEP WRINKLES

Its composition of medium-concentration cross-linked hyaluronic acid is able to **correct medium-superficial wrinkles on the face**. Its special formulation makes the product particularly suitable for medium-deep lines.

Especially recommended for flaws and the following areas: nasolabial lines, nose, lips, glabellar wrinkles.

Treatment

Medium-surface wrinkles

Application

Nose
Nasolabial Lines
Lips
Glabellar wrinkles

Plan of injection

Mid dermis

Cross-linked HA concentration

21 mg/ml

 Every 4-6 months

 1x1ml

 7

 2 x 27G



MED **K SURGERY**
LABORATORIES



OpéraTM

SKINFILLER STRONG

HIGH CONCENTRATION FOR A PERFECT VOLUMIZING EFFECT

Opéra III is a filler to correct **wrinkles and deep lines on the face**.

Particularly recommended for flaws and for the following areas: nasolabial grooves, puppet lines, temples, remodelling facial contours, lips.

Treatment

Medium-deep wrinkles

Application

*Nasolabial folds
Puppets lines
Deep wrinkles
Lips*

Plan of injection

Deep dermis

Cross-linked HA concentration

24 mg/ml



Every 6 mesi



1x1ml



7



2 x 27G



MED **K SURGERY**
LABORATORIES



SKINFILLER EXTRA STRONG



FOR MARKED SIGNS OF AGEING

Opéra IV is a filler **to correct very deep facial wrinkles and to restore volume to the face.**

Particularly recommended for flaws and for the following areas: cheekbone, malar area, under the cheekbones, submalar area, chin.

Treatment

Deep, evident wrinkles

Application

Cheekbones
Malar area
Chin

Deep grooves
Subzygomatic area

Plan of injection

Subcutaneous tissue and supra periosteum

Cross-linked HA concentration

26 mg/ml



Every 6-12 months



1x1ml



7



2 x 25G



K SURGERY
LABORATORIES



Opéra^V

SKINFILLER BODY

FOR SMOOTH REMODELLING

Opéra V is the body filler containing 100% Made in Italy, next-generation hyaluronic acid. It is used to restore body volumes, by reducing skin laxity, for immediate toning and fast hydration. It remodels large areas smoothly and **without surgery**.

OPÉRA V TECHNOLOGY

The secret of Opéra V technology lies in its excellent viscoelasticity which allows for greater harmonisation of the product in the tissues. Moreover, the innovative cross-linked formula makes the **filling effect more stable and longer lasting**.

Treatment

Large volumes

Application

Arms
Forearms
Buttocks

Calves
Body depressions

Plan of injection

Hypodermis

Cross-linked HA concentration

20 mg/ml



Every 12/14 months



1x10ml



7



Recommended 16G

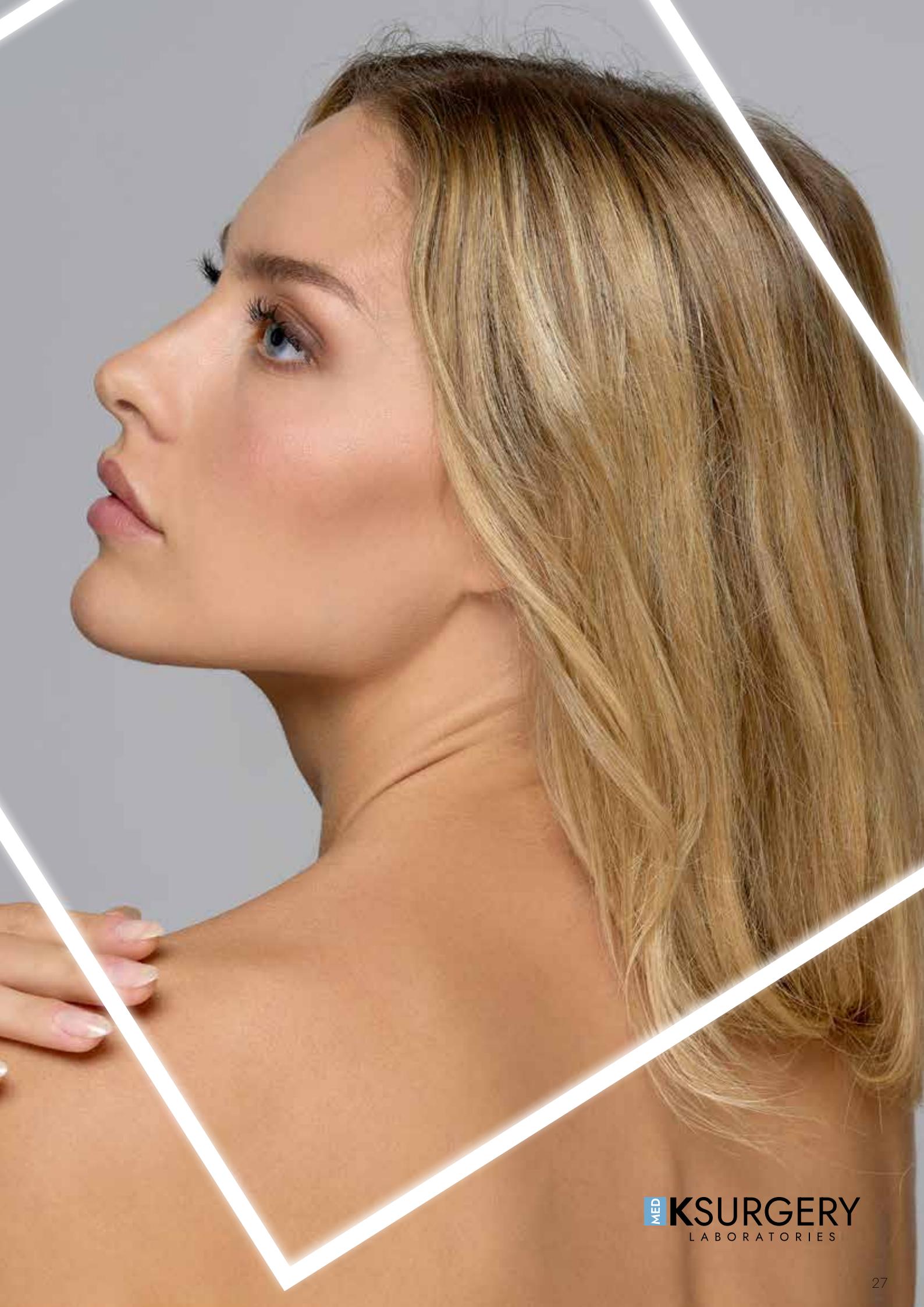


Opéra^{rev}
®

SKIN BOOSTER

ENHANCING YOUR BEAUTY





MED **K SURGERY**
LABORATORIES

OPÉRA REV SKIN BOOSTER ACTIONS

INTENSIFIES SKIN RADIANCE

IMPROVES HYDRATION, DEEP DOWN

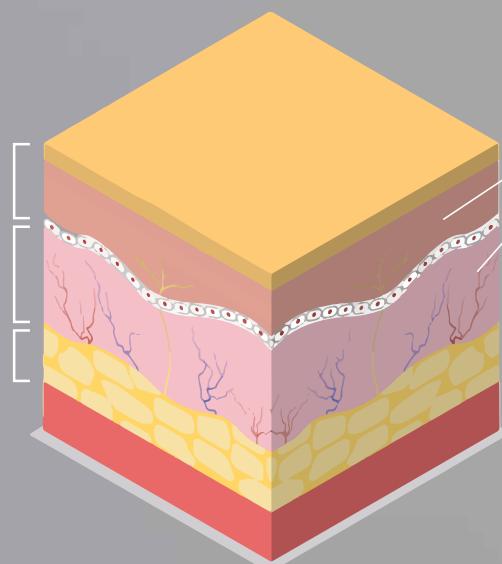
SMOOthes AWAY WRINKLES

REPAIRS AND PROTECTS AGAINST UV DAMAGE

EPIDERMIS
0,07 mm - 0,12 mm

DERMIS
1,0 mm - 4,0 mm

SUBCUTANEOUS TISSUE



Opéra^{rev}



Opéra^{rev} SKINBOOSTER

Opéra Rev is the line of class III biorevitalizing and biostimulating fillers in compliance with Directive 93/42/EEC born from the experience of Ksurgery Med which **act effectively on skin aging**, characterized by cellular impoverishment, reduction of tone and roughness.

Skinboosters able to correct fine to medium wrinkles, ideal on both photoageing and chronoageing, **guarantee rapid rejuvenation of the skin**, immediate toning of tissues and improved hydration and radiance.

TREATMENT OF THE EARLY SIGNS
OF AGEING





MED **K SURGERY**
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REGENERATES THE SKIN



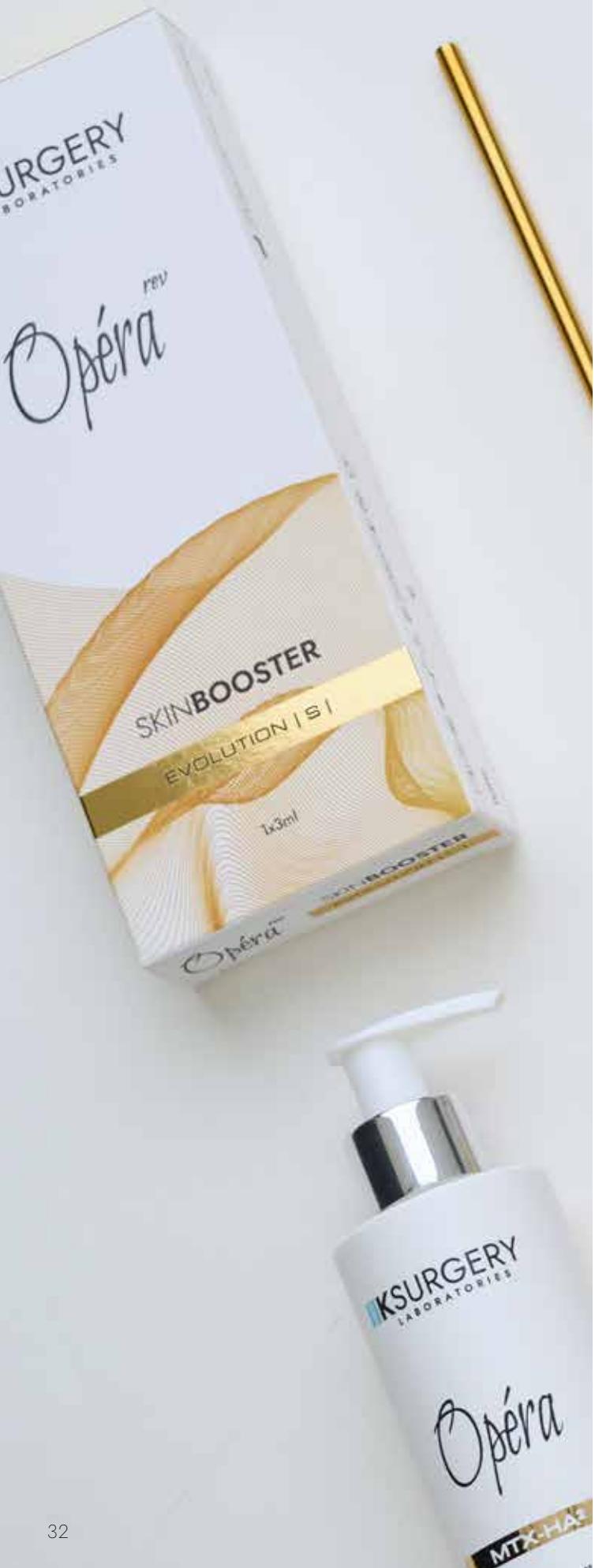
PROMOTES CELLULAR
ACTIVITY



RESTORES VOLUMES

The treatment is also suitable **for all skin types**: dry, oily, ageing, and sensitive.

Skinboosters can also be used as a **preventive treatment** in areas with the greatest exposure to external aggressors such as hands, face, and décolleté.



Opéra^{rev}

SKINBOOSTER EVOLUTION ISI

Opéra Rev Evolution S is a medical device containing weakly cross-linked hyaluronic acid with bio restructuring action, ideal for correcting slight blemishes on the face.

It brings moisture and softness to areas that have lost elasticity or where fine lines and wrinkles are beginning to appear.

ADVANTAGES OF OPÉRA REV EVOLUTION S

- **Medium-high molecular weight** for effective penetration;
- Slightly cross-linked to **maintain effects for longer time periods**;
- Helps to maintain or recover a healthy, younger look;
- **Plumps the face** and reduces wrinkles;
- **Improves the skin's hydration**, firmness and overall radiance;
- **Helps to reduce the appearance of fine lines**, to improve the texture of the skin and leave it looking younger.

Application Areas

Forehead	Cheekbones
Area around the eyes	Hands
Nasolabial area	Neck
Area around the mouth	Décolleté
Cheeks	

Application Technique

EVA Technique

Cross-linked HA concentration

20 mg/ml



7



1x1ml



2 x 30G



MED **K SURGERY**
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Opéra^{rev}

SKINBOOSTER EVOLUTION L



To meet the growing demand for a versatile product that can treat large areas on the face, Ksurgery Med has introduced Opéra REV Evolution L (3ml), **extending the range past the 1 ml format.**

ADVANTAGES OF OPÉRA REV EVOLUTION L

Helps to:

- improve the elasticity of the skin
- reduce wrinkles
- improve skin hydration

Application Areas

Forehead	Cheekbones
Area around the eyes	Hands
Nasolabial area	Neck
Area around the mouth	Décolleté
Cheeks	

Application Technique

EVA Technique

Cross-linked HA concentration

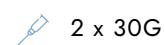
20 mg/ml



7



1x1ml



2 x 30G





Opéra^{rev}

SKIN BOOSTER DIVA

The revolutionary body skinbooster **developed specifically to shape sagging skin tissue on the body**, boost hydration levels in the skin and stimulate tissue regeneration.

Used to treat imperfections, skin depressions, loss of fat, and sagging skin in areas of the body such as thighs, inner arms, abdomen and knees.

Used for the treatment of:

- Imperfections
- Depressions
- Fat atrophy
- Body laxity

ADVANTAGES OF OPÉRA DIVA

- Contributes to tissue distension
- Helps to enhance skin hydration
- Improves the texture of the skin

Application Areas

*Buttock
Inner thighs
Abdomen
Knees
Inner arms*

Application Technique

DIVA Technique

Cross-linked HA concentration

20 mg/ml



MED **K SURGERY**
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ENDOGENOUS LIFTING

- E** ENHANCING
- V** VOLUMIZING
- A** ACTIVATING

The EVA* technique is the revolutionary process for treating specific areas of the face where the main critical aspects caused by ageing and changes to skin tissue are concentrated.

It involves standardizing four easily reproducible points, independently of inter- and intra-individual anatomical variations in patients, or localised in areas without large vessels or nerve ramifications.

ADVANTAGES:



- Less bleeding
- Less stress
- Less risk of bruising



- Wider diffusion of the product
- Flexible dose distribution

EVA TECHNIQUE

- ① **Cheekbone**, identified at approx. 2-3 cm from the outer eye onto the cheekbone: two lines towards the temple, 2-3 on the cheek and 1 towards the verticle mandible ramus, if possible.
- ② **Mandibular** point, identified approx. 1 cm above the mandibular angle: from here, make 3 lines towards the cheek and horizontal ramus of the mandible and 1 towards the vertical ramus (if it was not possible to do so from point 1).

**Protocol in collaboration with Dr Mariagrazia Croccia*

THE UNDERLYING STRUCTURE OF THE FACE GIVES IT A YOUTHFUL VOLUME

SIGNS OF YOUTHFUL STRUCTURE

Full, prominent cheeks

Even, firm texture

No wrinkles around the lips

Defined jaw

SIGNS OF AGEING

Deep nasolabial wrinkles

More developed wrinkles around the mouth

Thinning lips

Puppet lines

Loss of jaw definition

