

SKIN ARCHITECT FILL&CARE

LAYERS
OF BEAUTY



About **us**

TOSKANIMED is the medical brand of the **TOSKANI GLOBAL** pharmaceutical laboratory, which has over 40 years of experience in the field of aesthetic medicine and is present in more than 70 countries. We are passionate about skincare, and we design healthcare and cosmetic products for aesthetic medicine professionals.

MISSION

TOSKANIMED provides medical professionals with premium-quality products for safe, effective and efficient treatments.

Our goal is to offer innovative solutions in aesthetic medicine for comprehensive skin care. We provide a complete range of products that act on different layers of the skin, promoting natural results and a genuine improvement in skin health.

WHAT MOTIVATES US

- + **Pharmaceutical quality** in the active ingredients of our products and a quality system implemented in all company processes.
- + **Innovation** in formulas designed and developed to achieve comprehensive solutions based on advanced technology active ingredients (biomimetic peptides, transdermal delivery systems, 3000 kDa hyaluronic acid).
- + **Safety.** All our products are subjected to the most exhaustive controls so that their application is effective for the medical professional and safe for the patient.
- + **Effectiveness.** The results of clinical studies conducted over the years support our products.
- + **Above all, respect** for professionals in the medical channel, patients and clients.
- + **Sustainability** and care of the environment.



PATIENTS change, so do our FILLERS

In aesthetic medicine, evolution is ongoing. Patients seek **safety**, **natural results** and products that promote **skin care and health**.

PASSION FOR SKIN

by **TOSKANIMED**

We believe that the beauty of the skin lies in its natural mechanisms, which, when stimulated and nourished with the right active ingredients, result in a youthful, radiant and natural appearance.

Keeping safety as our top priority, we work with **respect for the body**, aiming to **enhance skin health and quality**. This commitment is reflected in the development of products that align with our strong philosophy.

TOSKANIMED

Beyond a simple FILLER

SKIN ARCHITECT
FILL&CARE

Smart care

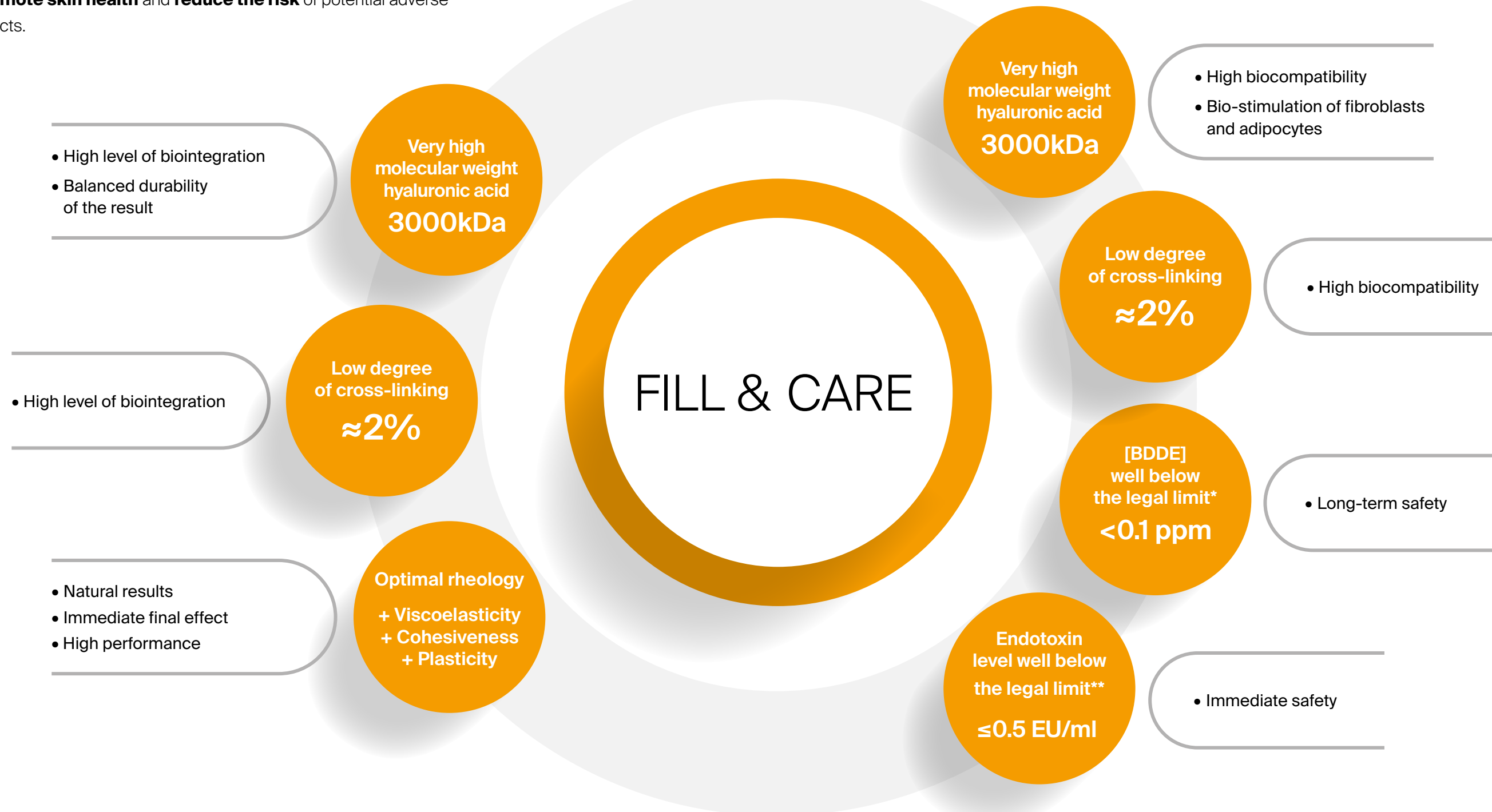


SKIN ARCHITECT FILL&CARE

TOSKANIMED

It's more than a concept; it's a commitment to the evolution of aesthetic medicine.

A **new generation** of dermal fillers, specifically designed to **promote skin health** and **reduce the risk** of potential adverse effects.



*Standard industry specification of BDDE <2 ppm

**Standard industry specification <20 EU/ml

High level of biointegration

Thanks to the very high molecular weight of **3000 kDa**, as the one we can predominantly find in the skin, and **low degree of cross-linking ($\approx 2\%$)**, which reduces reactivity, the integration of the filler into the skin is facilitated.

Natural, immediate and high-performance results

Due to the **optimal rheology** specifically designed for each **SKIN ARCHITECT FILL&CARE** product.

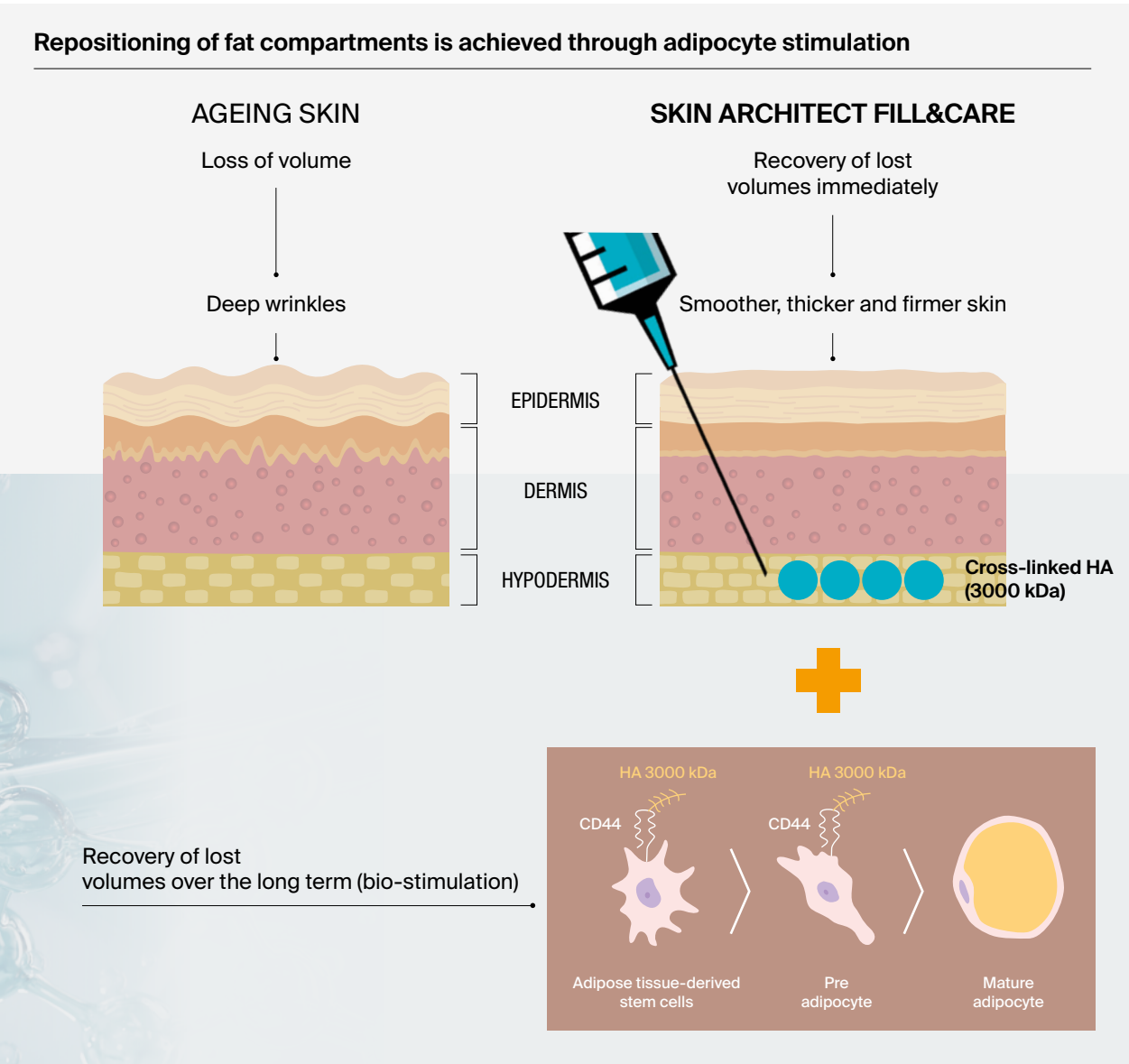
	SUBLIME	DENSITY	VOLUME
Elasticity (G')	80–200	190–350	300–550



Balanced durability of the result

SKIN ARCHITECT FILL&CARE provides long-lasting results thanks to the differentiation of adipose tissue-derived stem cells into mature adipocytes, induced by **very high molecular weight hyaluronic acid (3000 kDa)**.

This differentiation leads to long-term **increase in adipose tissue volume**, compensating for the progressive degradation of hyaluronic acid without the need to increase the degree of cross-linking.



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High biocompatibility

With its **3000 kDa** molecule and low degree of cross-linking (**≈2%**), **SKIN ARCHITECT FILL&CARE** achieves the desired effect in our skin, **minimising potential undesirable side effects** after the treatment.

Maximum safety

The **low residual BDDE level (<0.1 ppm)** minimises the accumulated availability of BDDE and its metabolites after the continuous use of fillers throughout the patient's life cycle. This ensures **a high degree of long-term safety**.

The extremely low endotoxin concentration (**≤0.5/ml**) ensures **immediate safety at the time of filler application**.

CE certification 1023 guarantees total safety in its use as a medical product.

– Inflammation

– Risk of oedema and granulomas



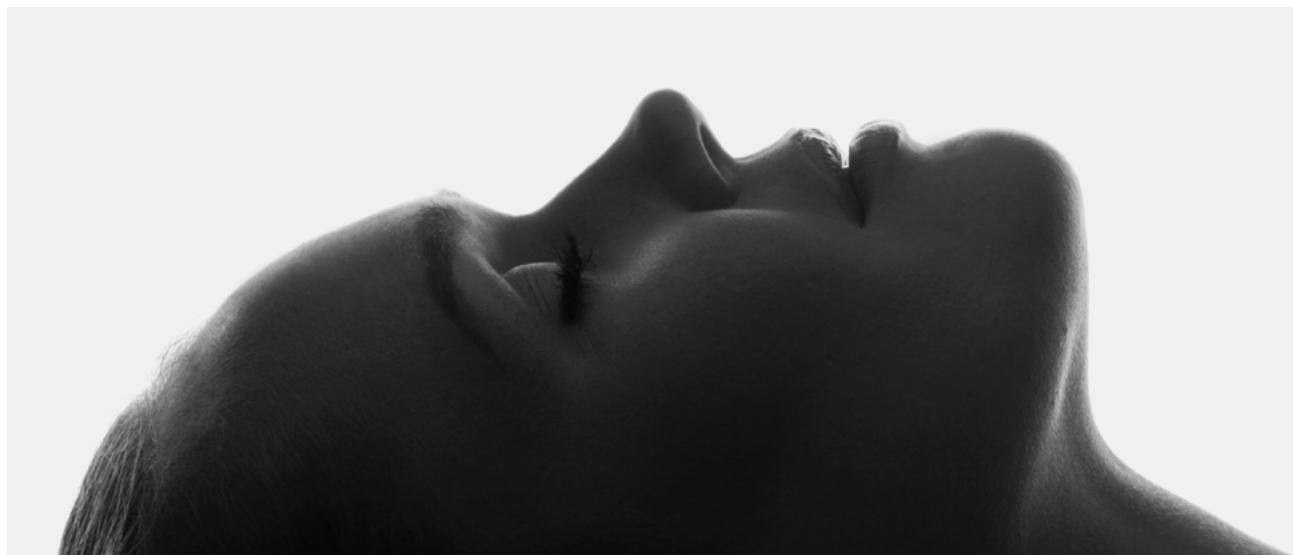
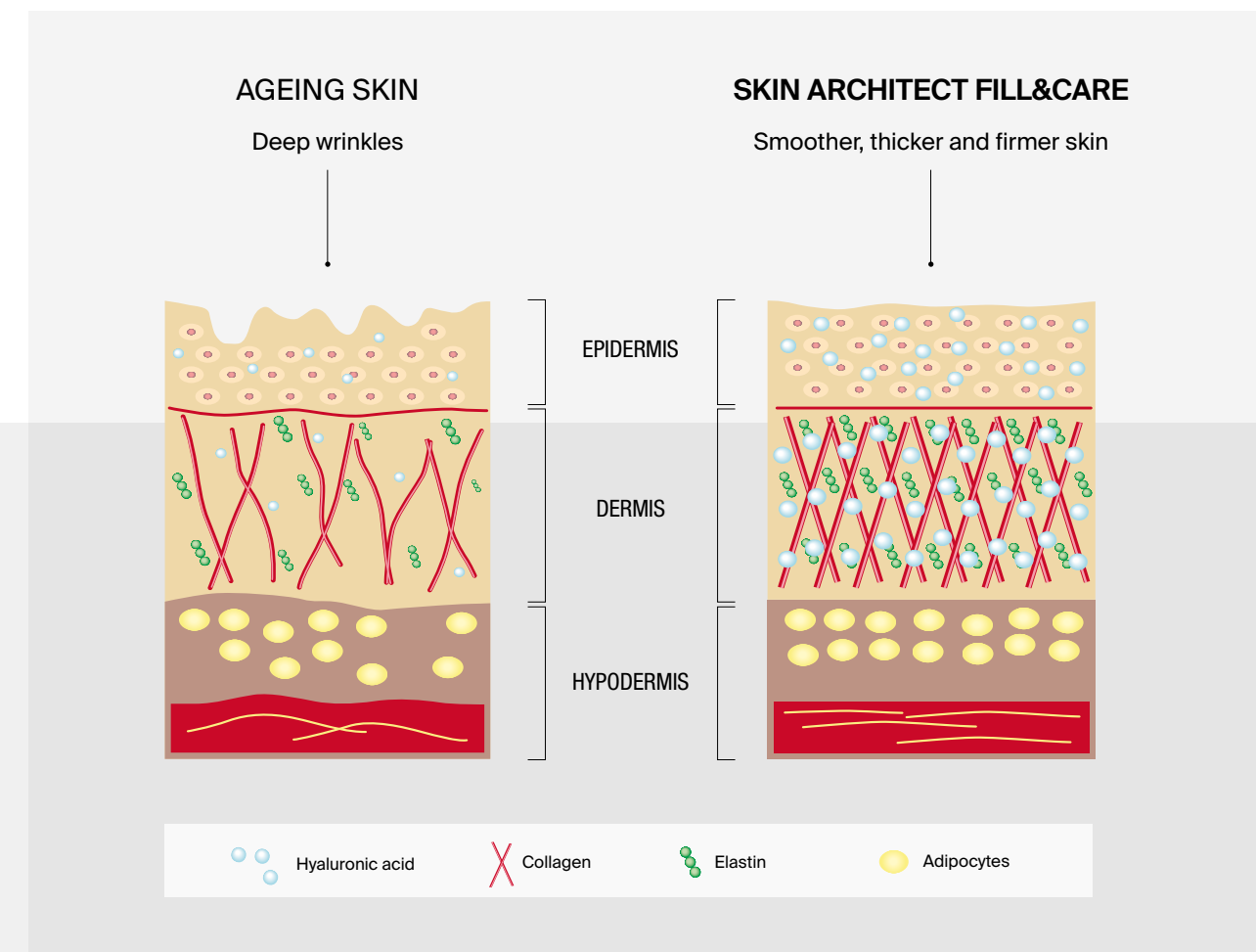
Bio-stimulation of fibroblasts and adipocytes

The **very high molecular weight hyaluronic acid (3000 kDa)** bio-stimulates adipocytes and fibroblasts to a greater extent than lower molecular weights, resulting in increased collagen and elastin production, regeneration of adipose tissue and ultimately, a **noticeable improvement** in the **overall appearance** of the skin.

+ Elastin and collagen

+ Improves overall appearance

+ Regeneration of adipose tissue



Advanced technology

TOSKANIMED

CROSS-3000 TECHNOLOGY

This is the exclusive technology developed in our laboratories for creating the **SKIN ARCHITECT FILL&CARE** range. This technical evolution involves the consistent and systematic application of a rigorous purification process that reduces the BDDE agent to nearly insignificant levels (<0.1 ppm) and a progressive-sequential sterilisation process in all production phases, eliminating any possible bacterial contamination and minimising endotoxin levels (<=0.5 EU/ml).

CROSS-3000 TECHNOLOGY allows us to create a new concept of dermal filler that, in addition, maximises skin care: the **SKIN ARCHITECT FILL&CARE** range.



- Allows us to obtain a **monophasic** and completely **homogeneous** hyaluronic acid gel.
- Achieves a **uniform gel** with **optimal viscoelastic properties** tailored to each concentration of hyaluronic acid.

One concentration for every need and skin type

The **SKIN ARCHITECT FILL&CARE** range consists of **3 products** with different concentrations to provide a suitable solution for every **need**, each **treatment area** and every **patient**.

CE
1023



SKIN ARCHITECT FILL&CARE

SUBLIME 20_{mg/ml}

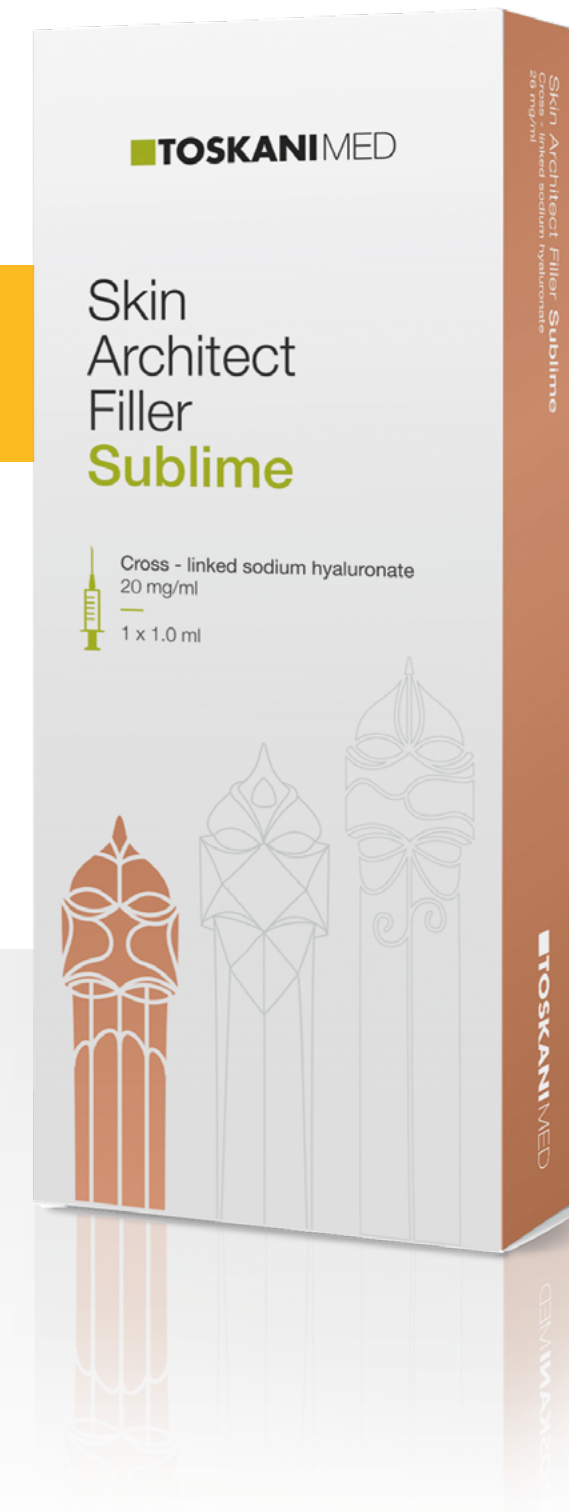
Smooths and defines

Indications

- Fine lines and wrinkles
- Lip hydration
- Lip contouring
- Barcode lip lines / Cupid's bow
- Perioral lines

Injection depth:

Can be injected into both the dermis and the mucosa of the lips.



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SKIN ARCHITECT FILL&CARE

DENSITY 23 mg/ml

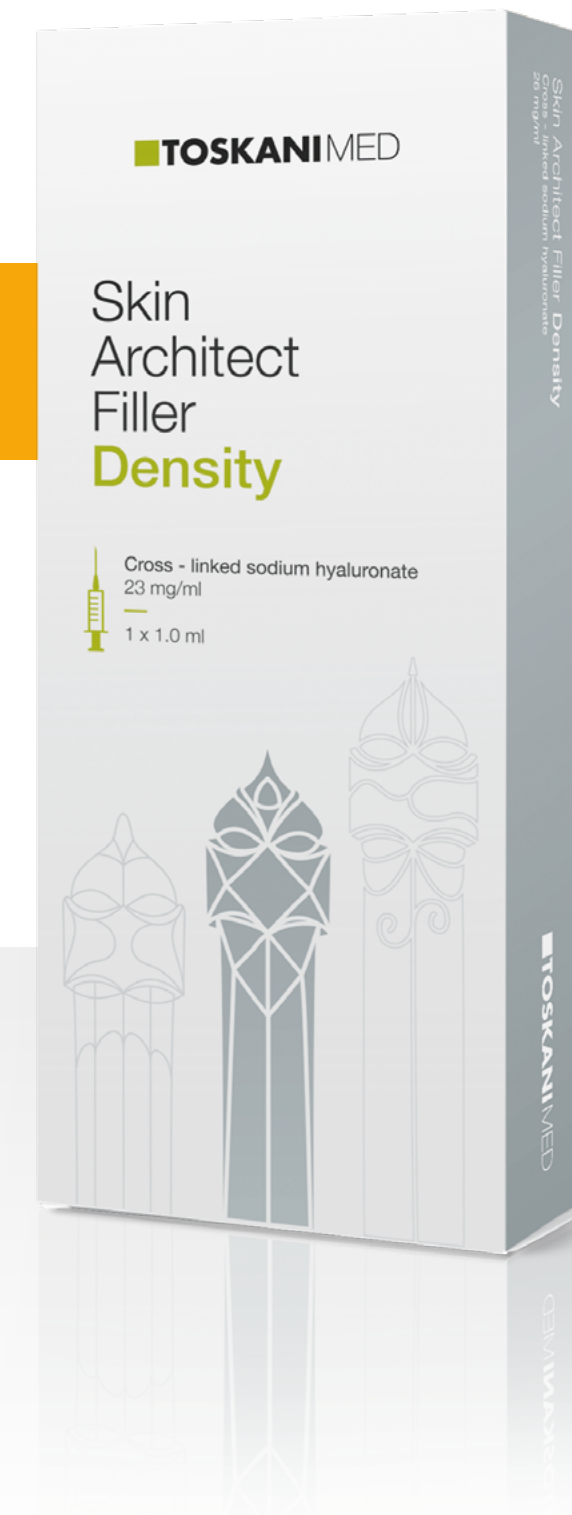
Moderates and corrects

Indications

- Lip volume
- Marionette lines
- Perioral lines
- Deep temporal area
- Nasolabial folds
- Vermilion border of lips
- Barcode lip lines / Cupid's bow
- Nose

Injection depth:

Can be injected into the dermis, subcutaneous tissue and the mucosa of the lips.



SKIN ARCHITECT FILL&CARE

VOLUME 26 mg/ml

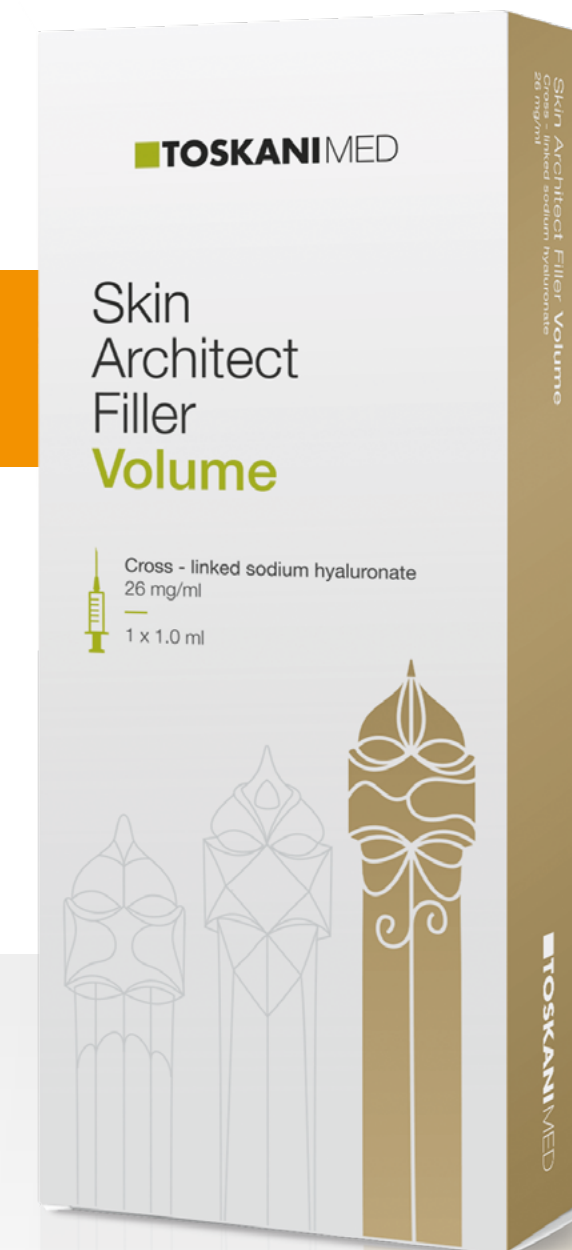
Provides structure and volume

Indications

- Jawline
- Chin
- Cheeks
- Nose

Injection depth:

Can be injected into either the subcutaneous tissue or the supraperiosteal region.



Mesosynergy®

a unique concept

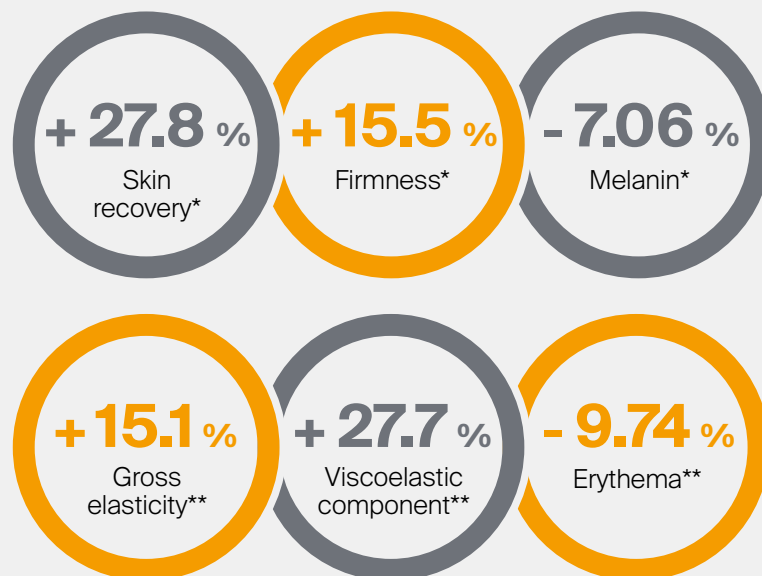
TOSKANIMED

Mesosynergy® is the concept created by TOSKANIMED that fully immerses us in our “**passion for skin**” claim. This innovative proposal combines **chemical peels**, **biomimetic peptides** delivered with the mesoneedling **neopenMED®** device, **Dermabooster HA3** and high molecular weight (3000 kDa) **SKIN ARCHITECT FILL&CARE**.

Through this combination, we achieve **bio-stimulation in all layers of the skin** and all fibroblast sub-populations.

The results behind the science

Study



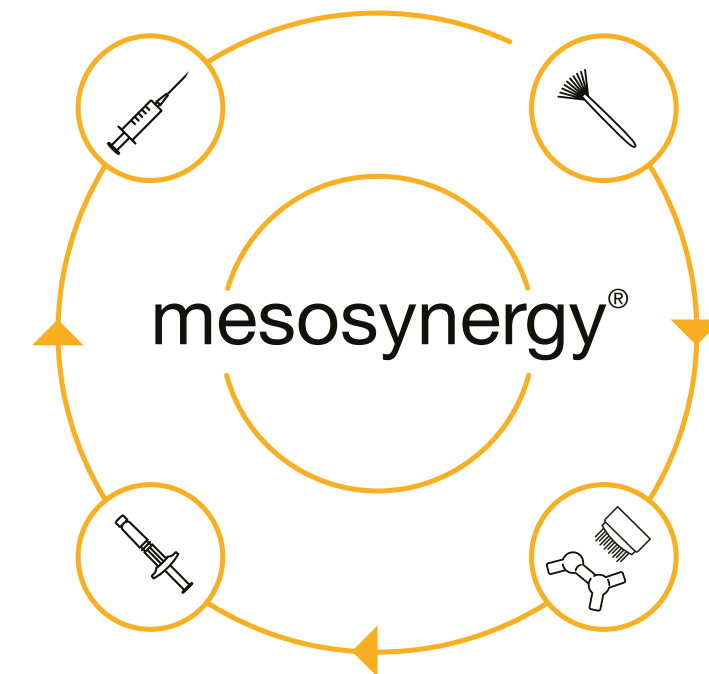
* Pilot efficacy study of **Mesosynergy** in 11 male and female volunteers between 50 and 65 years of age. TOSKANI clinical unit.

** National multi-centre study with mesoneedling (**neopenMED** + NCPR + Dermabooster HA3. 2023, ages between 35 and 55 years. Preliminary results.

Subjective assessment***

- + Firmness**
91% of the participants reported improvement post-treatment
- + Global effect**
96% of the participants reported improvement post-treatment

***Subjective parameters (GAIS scale). Study on the effectiveness of very high molecular weight hyaluronic acid (VHMWHA) as a biostimulant for improving elasticity in the treatment and prevention of skin ageing. Study of n=119 with ages between 25 and 68 years.



LAYERS OF BEAUTY

EPIDERMIS		1	TKN Peeling
PAPILLARY DERMIS		2	NeopenMED + Biomimetic peptides
RETICULAR DERMIS		3	TKN HA 3
HYPODERMIS		4	SKIN ARCHITECT FILL&CARE

Results

The **SKIN ARCHITECT FILL&CARE** enhances its spectacular results with the application of the Mesosynergy® concept, which combines different **TOSKANIMED** treatments (Chemical Peels, Biomimetic Peptides and Dermabooster HA3). This way, all three layers of the skin are stimulated in the same session, achieving an incomparable result.

+ Performance

+ Effectiveness

Courtesy of
Dr. Carolina Correoso (Madrid)

**Gummy smile treatment
+ Lip volume**
0.5 ml · Skin Architect Fill&Care Sublime



Before



Immediately after



Before

Immediately after

Courtesy of
Dr. Patxi Rubio (Barcelona)

Facial harmonisation treatment
1.5 ml · Skin Architect Fill&Care Volume
+ 0.5 ml · Skin Architect Fill&Care Density



Before



Immediately after



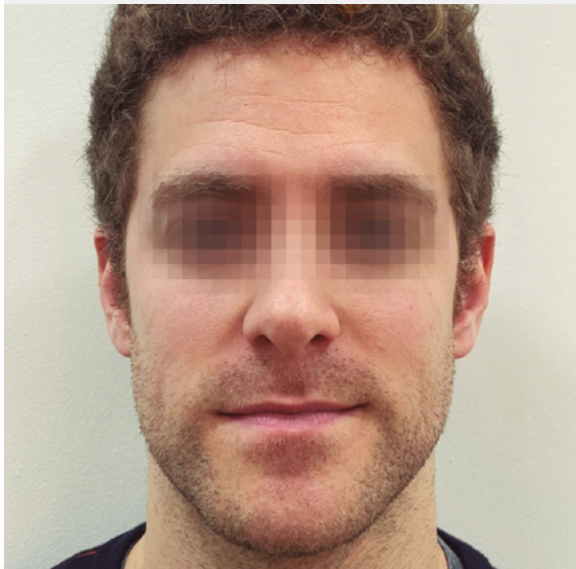
Results

Courtesy of
Dr. Richard Rocha (Madrid)

Lower third treatment
2 ml · Skin Architect Fill&Care Volume
Chin protection

+ 2 ml · Skin Architect Fill&Care Volume
Jaw angle definition

+ 1 ml Skin Architect Fill&Care Volume
Jaw angle definition



Before



Immediately after

Courtesy of
Dr. Laura Cotter (Madrid)

Mesosynergy
Radiance Peel + NCPR/WCPR + HA3 +
Middle third treatment

2 ml · Skin Architect Fill&Care Volume
+ 1 ml · Skin Architect Fill&Care Density

Lower third treatment
+ 1 ml Skin Architect Fill&Care Volume
Jawline definition



Before



After (1 month)

Courtesy of
Dr. Richard Rocha (Madrid)

Middle third treatment
2 ml · Skin Architect Fill&Care Volume

Nasolabial fold treatment
+ 1 ml · Skin Architect Fill&Care Sublime



Before



Immediately after



Technical specifications

	SUBLIME	DENSITY	VOLUME
Composition	Monophasic cross-linked hyaluronic acid	Monophasic cross-linked hyaluronic acid	Monophasic cross-linked hyaluronic acid
Concentration	20 mg / ml	23 mg / ml	26 mg / ml
Syringe	1 ml	1 ml	1 ml
Molecular weight	3000 kDa	3000 kDa	3000 kDa
Needle	27 G / 13 mm	27 G / 13 mm	27 G / 13 mm
Cross-linking agent	BDDE	BDDE	BDDE
Degree of cross-linking	~2%	~2%	~2%
Elasticity (G')	80-200	190-350	300-550
Durability	Up to 12 months of duration	Up to 12 months of duration	Up to 12 months of duration



SKIN ARCHITECT FILL&CARE



 **TOSKANI MED**
PASSION FOR SKIN®

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The content of this brochure is intended for physicians and is designed to facilitate medical information to patients.