

Hydrophilic material also known as
Natural Moisturizer which can
absorb 1000 times its weight.

1ml x 1 Syringe

Kairax



**CROSS-LINKED
HYALURONIC ACID**

HA Content : 24mg/ml
(Lidocaine 0.3%)

HA filler with **maximized safety,**
convenience, and **effectiveness** based on
excellent technology.

Cross—linked Hyaluronic Acid with Lidocaine



 FINE |  DEEP |  SUB Q

Cross-linked Hyaluronic Acid

With Lidocaine

HA Content : 24mg/ml
(Lidocaine 0.3%)

1ml x 1 Syringe

Refining Aesthetics with Precision



Kairax is more than a filler—

It's a promise of refined beauty and clinical trust.

Engineered for safety, consistency, and natural outcomes,
Kairax enables precise sculpting with lasting satisfaction.

Powered by TDP (Technology-Derived Purification),

Kairax features a **100% cross-linked monophasic gel**
with **high viscoelasticity and minimal BDDE residue**
— for smooth injection, stable volume, and fewer side effects.

Available in three types: **FINE, DEEP, and SUB Q,**
tailored for everything from fine lines to deep volumizing.

Clinically trusted worldwide,

Kairax represents science-based beauty,
balanced contours, and true skin confidence.

Filler Types

kairax

	FINE	DEEP	SUB Q
PRODUCT NAME			
GEL			
TYPE	Cross-linked Hyaluronic Acid With Lidocaine		
INGREDIENT	HA Content : 24mg/ml (Lidocaine 0.3%)		
PURPOSE	Fine Wrinkle Correction	Deep Wrinkle Correction, Volumizing	Volumizing
INDICATION	Periorbital line, Lip contour	Glabella lines, Nasolabial folds, Marionette lines, Nose/forehead contour	Nasolabial folds, Chin, Body contour
DURATION	3~6 months	6~12 months	Over 12 months
VISCOELASTICITY	60 ~ 120 pa	120 ~ 220 pa	350 ~ 450 pa



DEEP

Glabella lines
Nasolabial folds
Marionette lines
Nose/forehead contour

FINE

Periorbital line
Lip contour

SUB Q

Nasolabial folds
Chin
Body contour

Indication

High Molecular

High Elasticity

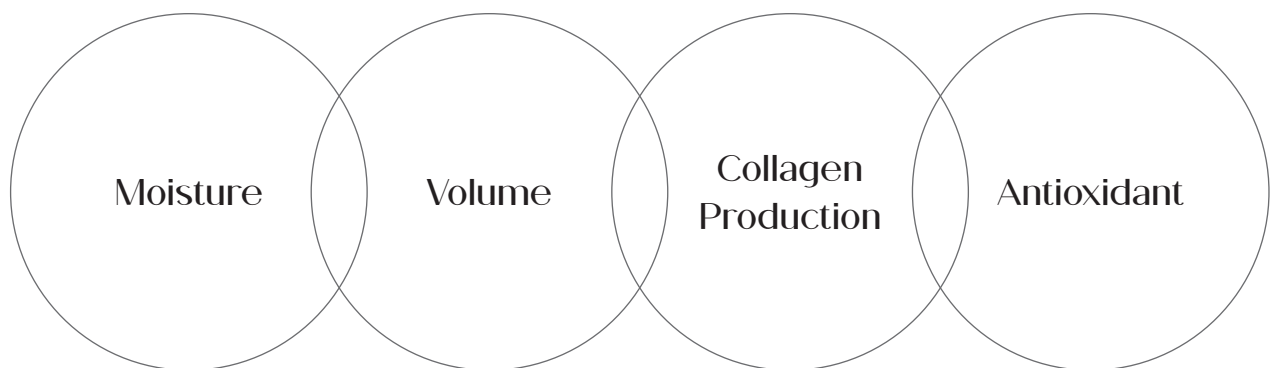
High Viscosity



Hyaluronic Acid

A natural moisturizer that absorbs up to 1,000 times its weight.

Kairax combines safety and advanced technology to deliver **deep moisture**, restore volume, **stimulate collagen production**, and provide **antioxidant protection** for healthier, firmer skin.



A dermal filler that focused on **Quality & Safety** containing high efficacy **hyaluronic acid** to improve **stability**.

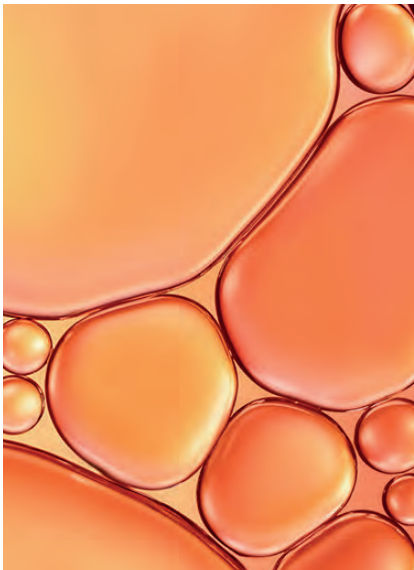


Kairax can be used as a suitable product depending on **the desired area** and **direction of treatment**.



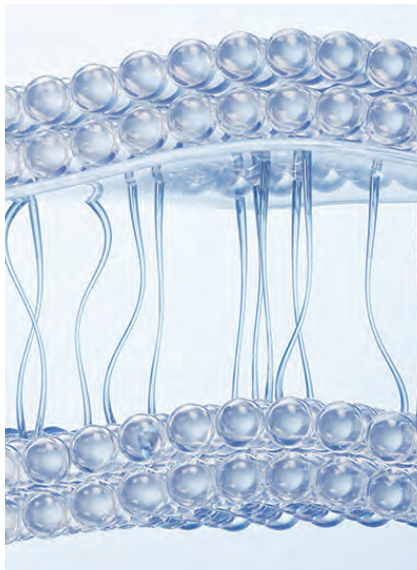
Moisture

One molecule of HA attracts 218 water molecules.



Antioxidant

Remove hazardous free radicals created by UV light.



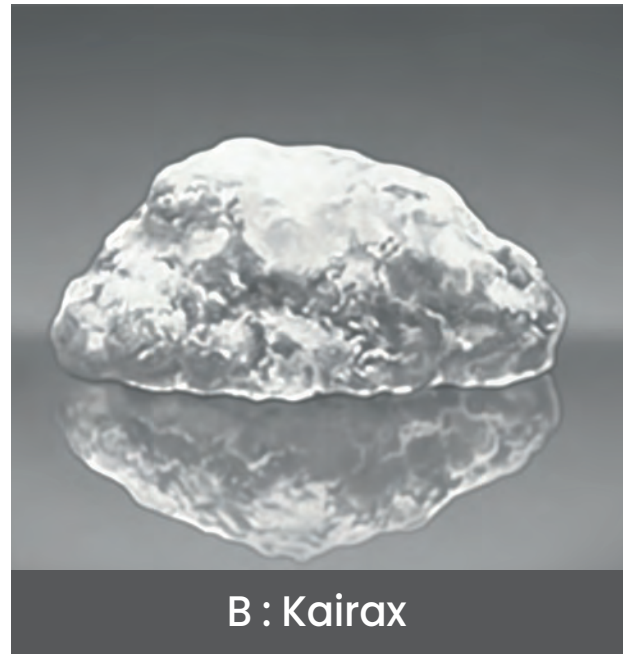
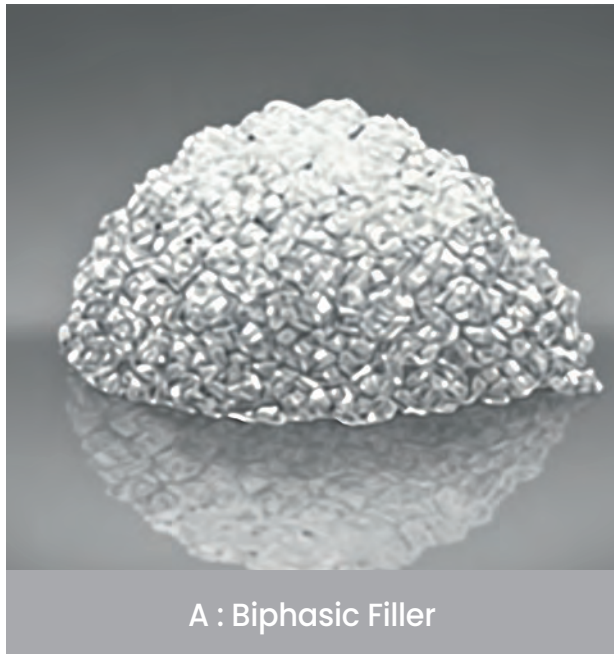
Collagen Production

Stimulate fibroblast in dermis for collagen production.



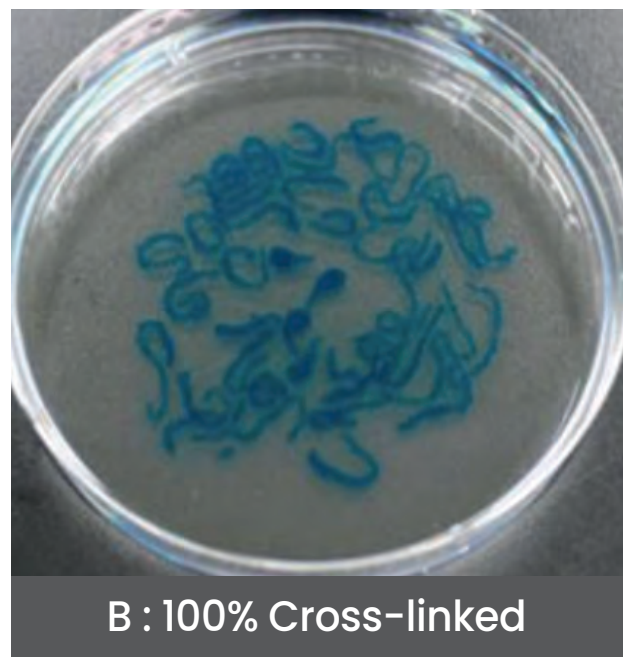
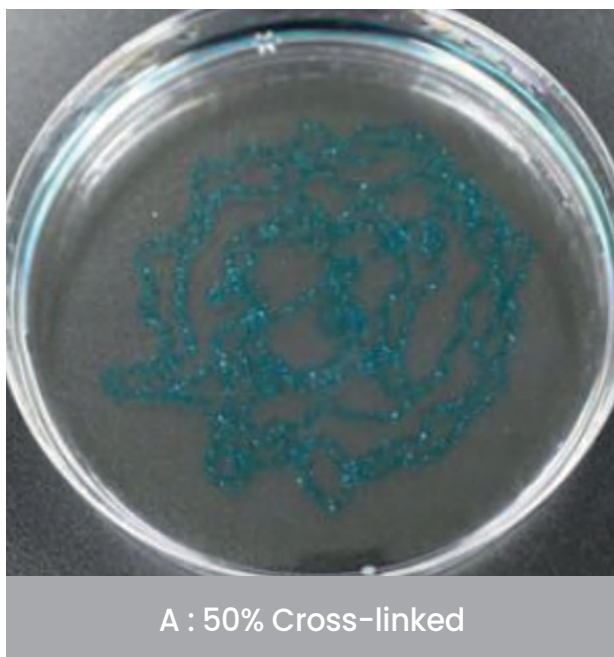
Monophasic Product

Kairax is an ideal Monophasic product manufactured by using special grinding machine.



A : Why Kairax Stands Out: Structure, Stability & Safety.

B : Coarse, particle-based gel – harder to mold, less natural finish.



A : 50% cross-linked filler offers lower durability and stability, reducing long-term volume retention.

B : Kairax is 100% cross-linked product consistent and smooth injection without breaking.

SIGMA-ALDRICH® sigmaaldrich.com
3050 Spruce Street, Saint Louis, MO 63103, USA
Website: www.sigmaaldrich.com
Email USA: techsupp@sigmaaldrich.com
Outside USA: sales@sigmaaldrich.com

Certificate of Analysis

Product Name: 1,4-Butanediol (glycol) value - 2915

Product Number: 220892
Batch Number: MH02392
Event: ALDRICH
CAS Number: 1420-79-8
MOL Number: MF000000146
Formula: C4H10O4
Formula Weight: 150.15 g/mol
Quality Review Date: 02 MAY 2017

Test	Specification	Result
Appearance (Color)	Colorless	Colorless
Appearance (Form)	Liquid	Liquid
Infrared Spectrum	Conforms to Structure	Conforms
Purity (GC)	≥ 99.5 %	99.8 %

Michael Gusty, Manager
Quality Control
St. Louis, MO, US

Significant warranty, that at the time of the quality release or subsequent retest date this product conformed to the information contained in this publication. The current Specification sheet may be available at sigmaaldrich.com. For further information, please contact Technical Service. Purchaser must conserve the suitability of the product for its certificate use. See reverse side of invoice or packing slip for additional terms and conditions of sale.

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SHISEIDO CO., LTD. Kakugawa Factory
1130 Nagaya, Kakugawa-shi, Shikoku, 436-0047, Japan
Phone: +81-837-24-1131, Fax: +81-837-24-2353

Reference Information

Please find the molecular weight result from the following product for your reference, which is calculated by Laurent's Formula.

Product name : Shiseido Sodium Hyaluronate SZE Grade -EP
Lot No. : G078BA
Intrinsic viscosity : 2.4 ml/g
Molecular weight : 1.57 MDa

Date: Apr. 4, 2019
QA Manager: *Shigeyuki Higashino*
Shigeyuki Higashino
Quality Assurance
Technical Department
SHISEIDO CO., LTD. Kakugawa Factory
Phone: +81-837-24-1131
Fax: +81-837-24-2353

MOEHS CATALANA, S.L.
Polígono Rudi Sur
C/Carretera Nacional 13A - 08191 Rubí (Barcelona - SPAIN)
Tel. (34) 93 588 05 20
Fax (34) 93 588 05 13

CERTIFICATE OF ANALYSIS

Product: LIDOCAINE HYDROCHLORIDE MONOHYDRATE 98. Hsc. 9/20P 42 Code: 74950
Batch No.: 879 Manufacture: 05/2019 Re-test Date: 05/2024
Customer:
Shipment Qty: 15,00 Pallets: 3

TESTS	SPECIFICATIONS	RESULTS
CHARACTERISTICS		
Appearance	Crystalline powder	Conforms
Colour	White or almost white	Conforms
SOLUBILITY		
In Water	Very Soluble	Conforms
In Ethanol (96%)	Freely Soluble	Conforms
In Chloroform	Soluble	Conforms
In Ether	Insoluble	Conforms
IDENTIFICATION		
IR Spectrum	Conforms to Std.	Conforms
NIR	Conforms to Std.	Conforms
Chloride reaction	Positive	Conforms
SPECIFIC TESTS		
Water (KF)	5.5% to 7.0%	6.24 %
Aspect of solution S	Clear (Max. Ref. 1 opal)	Conforms
Colour of solution S	Colourless (Max. Ref. 9-9)	Conforms
pH (0.5% Sol.)	4.0 to 5.5	4.90

We hereby certify that the above information is authentic and accurate. This batch has been manufactured, including packaging and quality control, in the above mentioned site in full compliance with the GMP requirements. The batch processing, packaging and analysis records were reviewed and found to be in compliance with ICH Q7, EU GMP Part II and 31 CFR Parts 210 & 211.

Released by QA on: 16/06/2019
C/Os Signed on: 16/06/2019
Signed by: Quality Control
Filar (QA)
QC Manager

Page: 1/2

**Uses ingredients
(HA, BDDE, Lidocaine)
approved by EDQM**

Ref. certificates of ingredients
(HA, BDDE, Lidocaine)

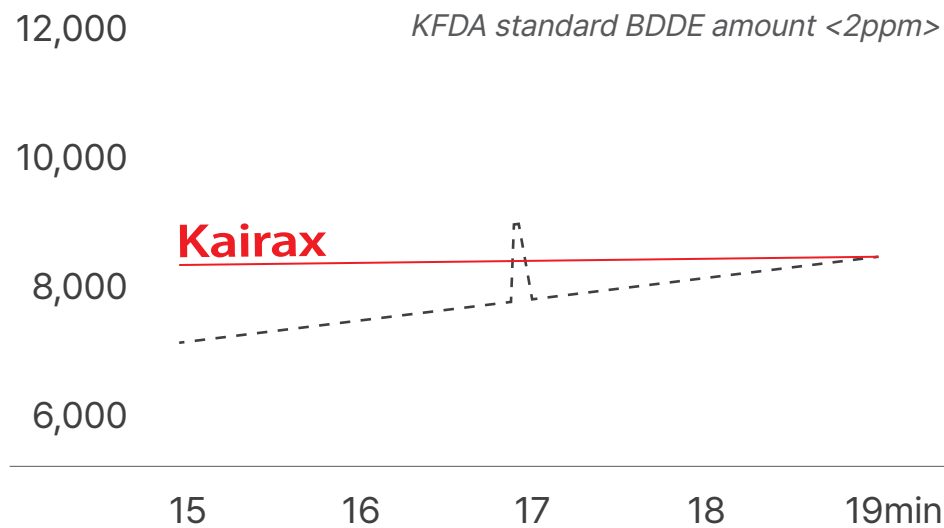
/Kairax /



Purification

Purified product, fewer side effects.

Performed ideal washing process
to achieve greater safety of the product.



<Ref. Manufacturer research institute>

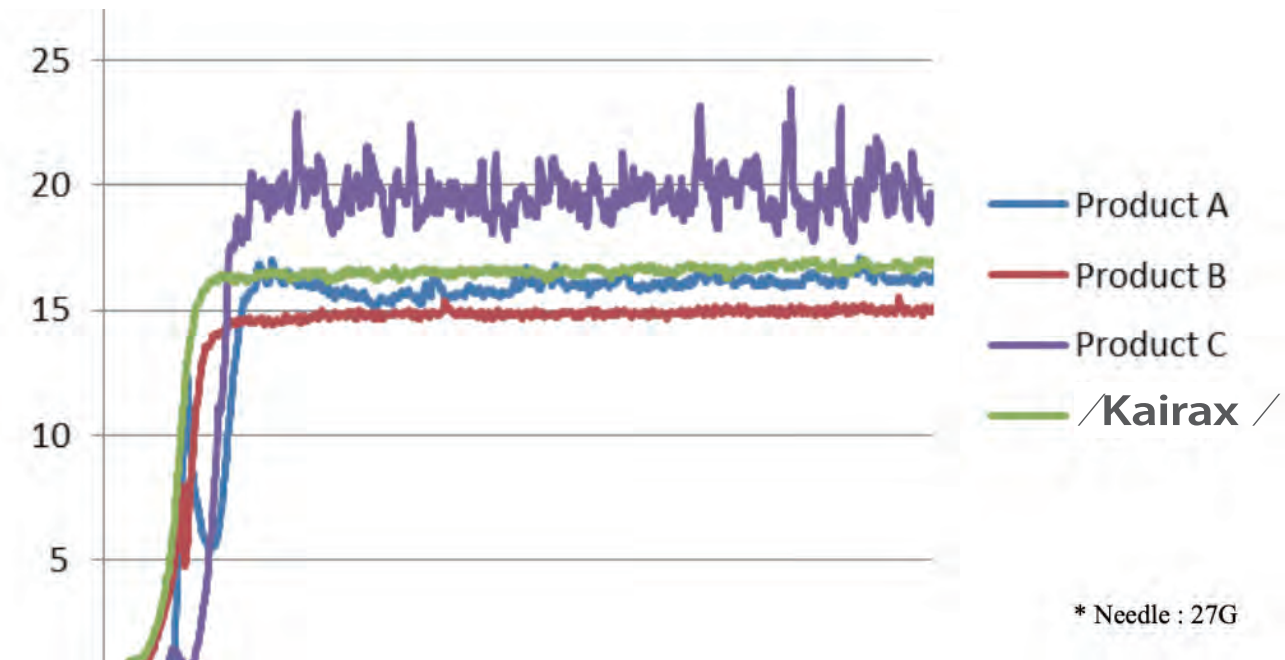
Long washing process allows perfect washing.

Specialized washing process allows **consistent product properties.**
(Osmotic pressure, pH)



Smooth injection with consistent extrusion force.

Equal pressure increases the convenience of the procedure with a stable and smooth injection.



KAIRAX's extrusion force, indicated by the green line, is a straight line since the initial rise.

This means that when the filler is first injected, the extrusion force is high, but **the injection pressure thereafter is uniform.**

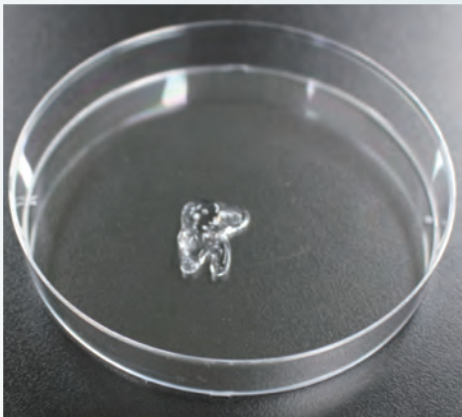
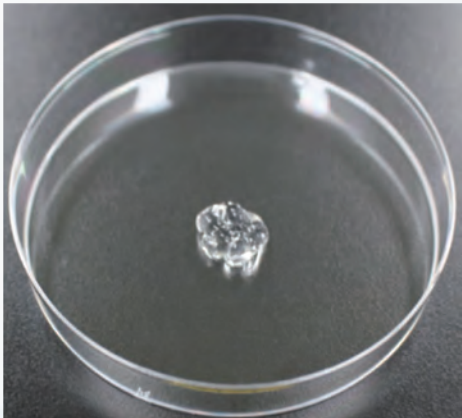
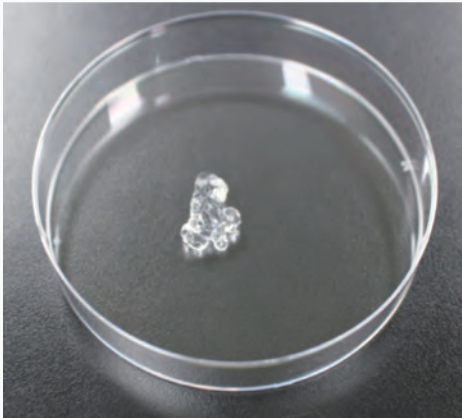
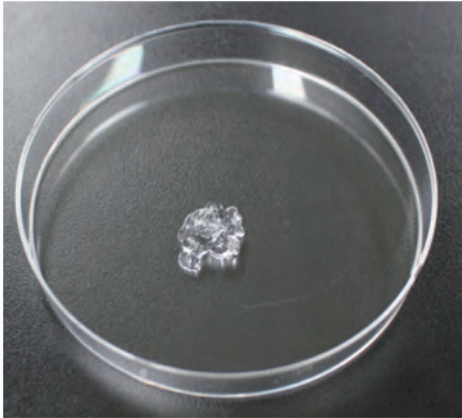
& Long Lasting Complete Degradation

Cross-linked Kairax maintained its form
after injecting Hyaluronidase
but after 48 hours, it was completely degraded.

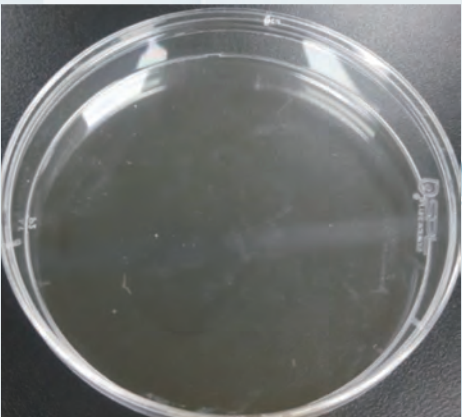
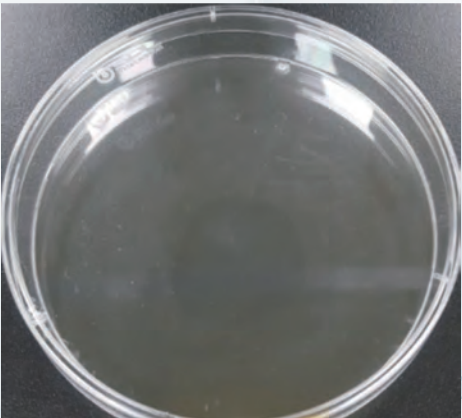
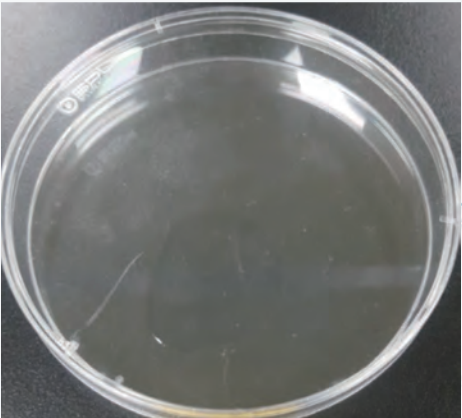
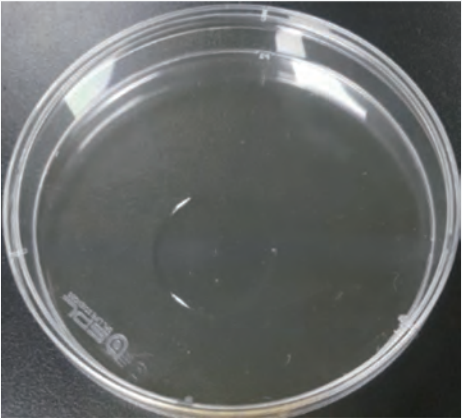
Due to a specialized manufacturing method
(TDP Process),
viscosity is increased
and side effects are decreased
because of low BDDE residue.



Before
Hyaluronidase injection



48 hours after
Hyaluronidase injection



Kairax

A COMPANY

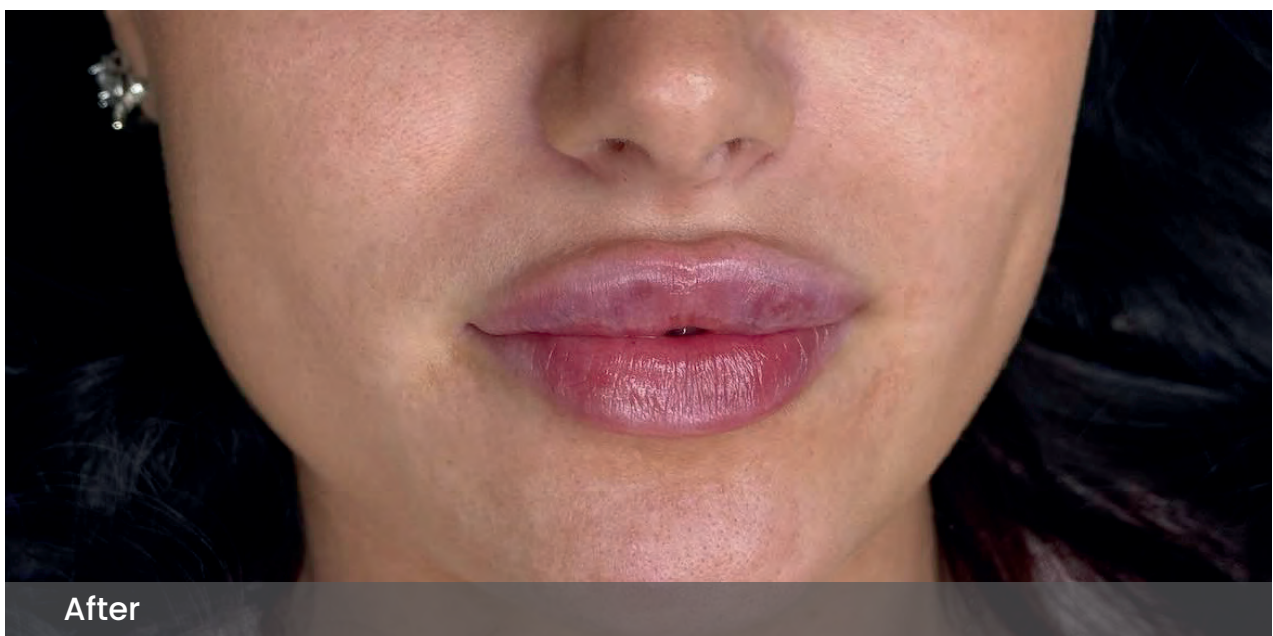
H COMPANY

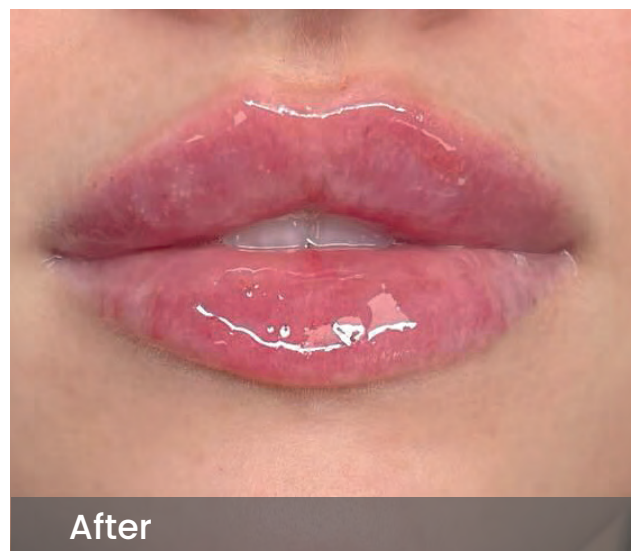
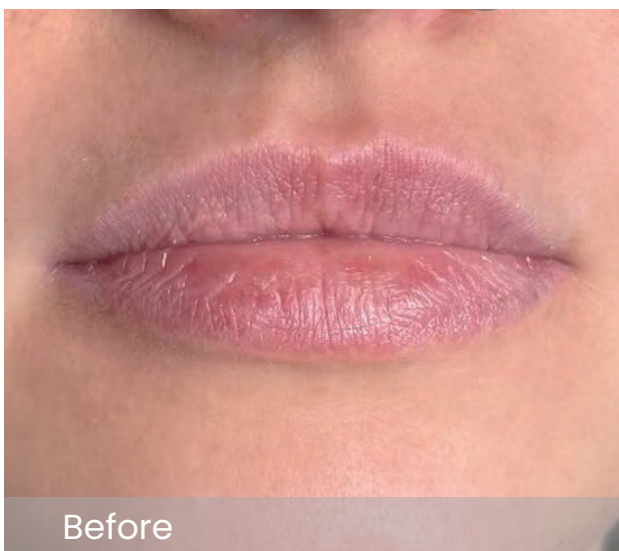
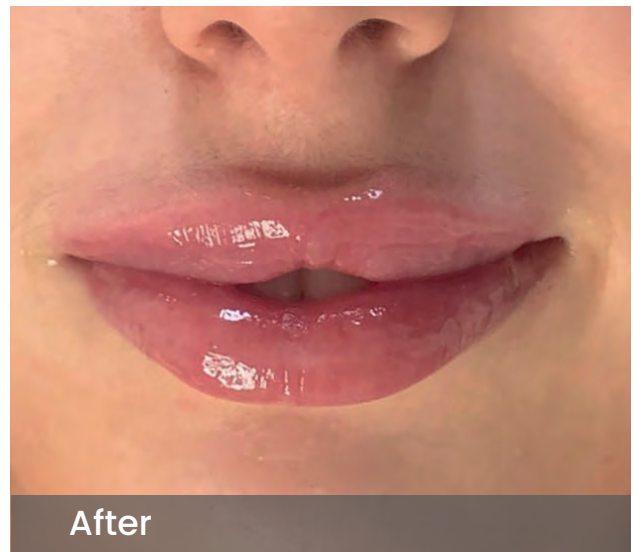
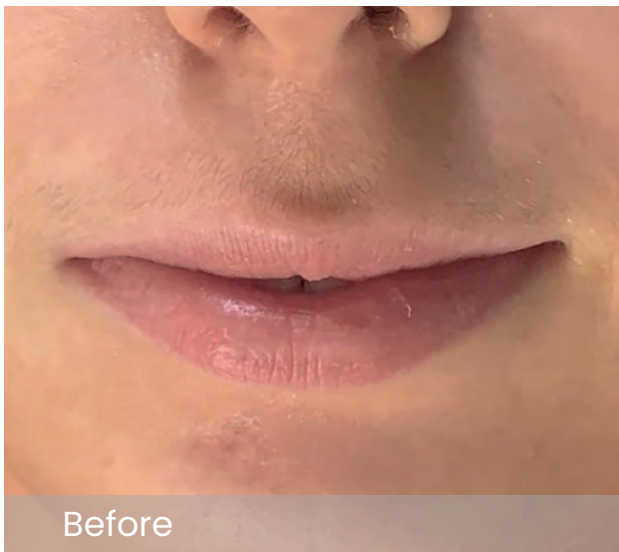
M COMPANY

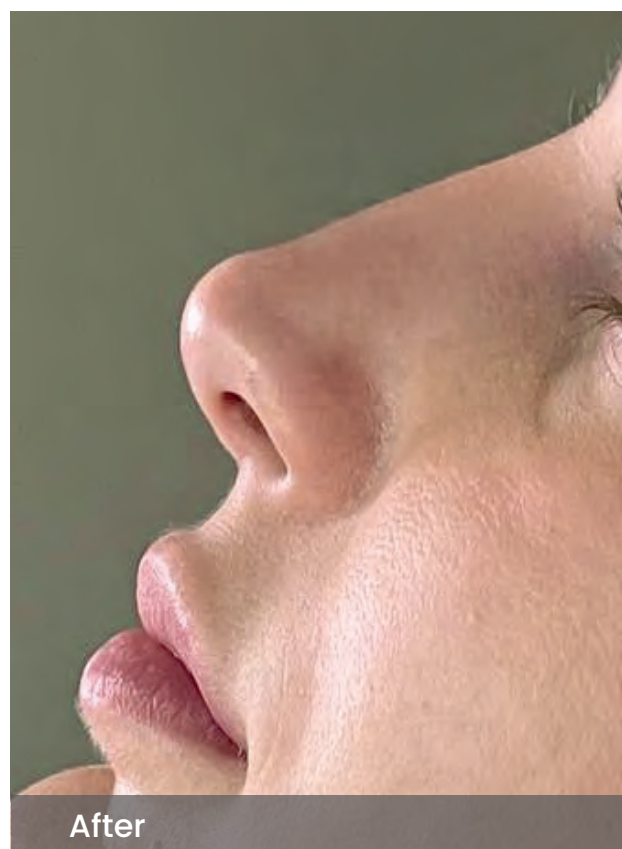
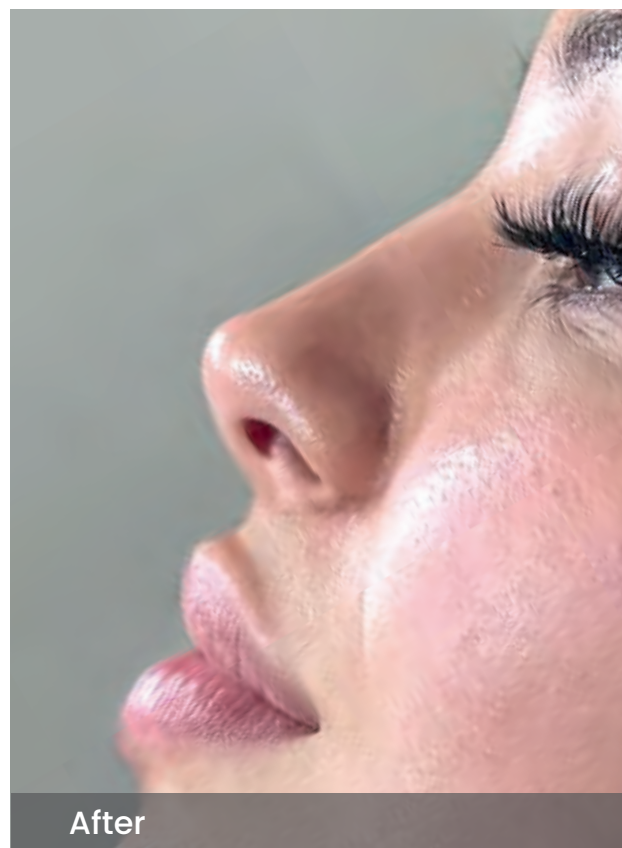
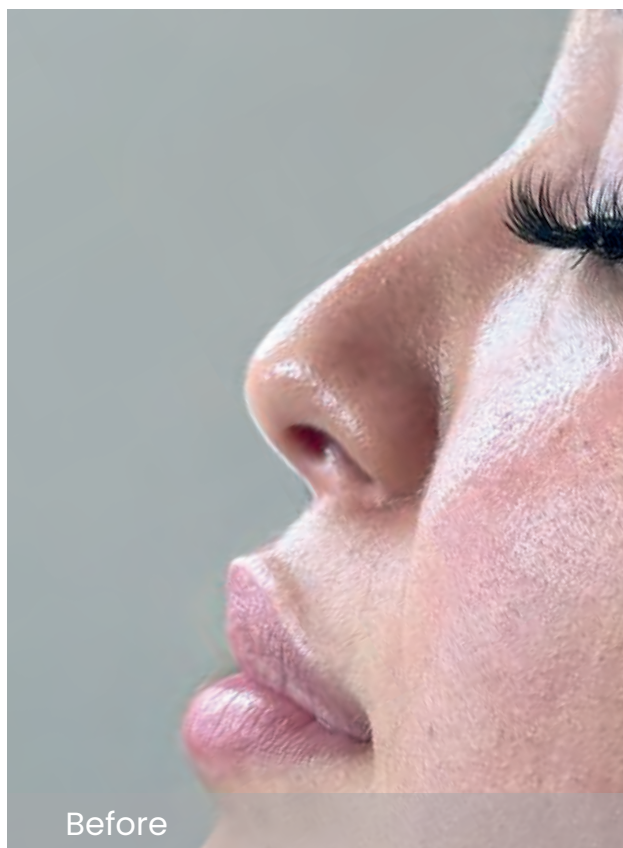
Before & After

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Filling Time Defining Beauty

Not a fading moment, but a face in perfect form.
We design your beauty with lasting precision.



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