

Hyaluronic Acid Dermal Filler with Lidocaine

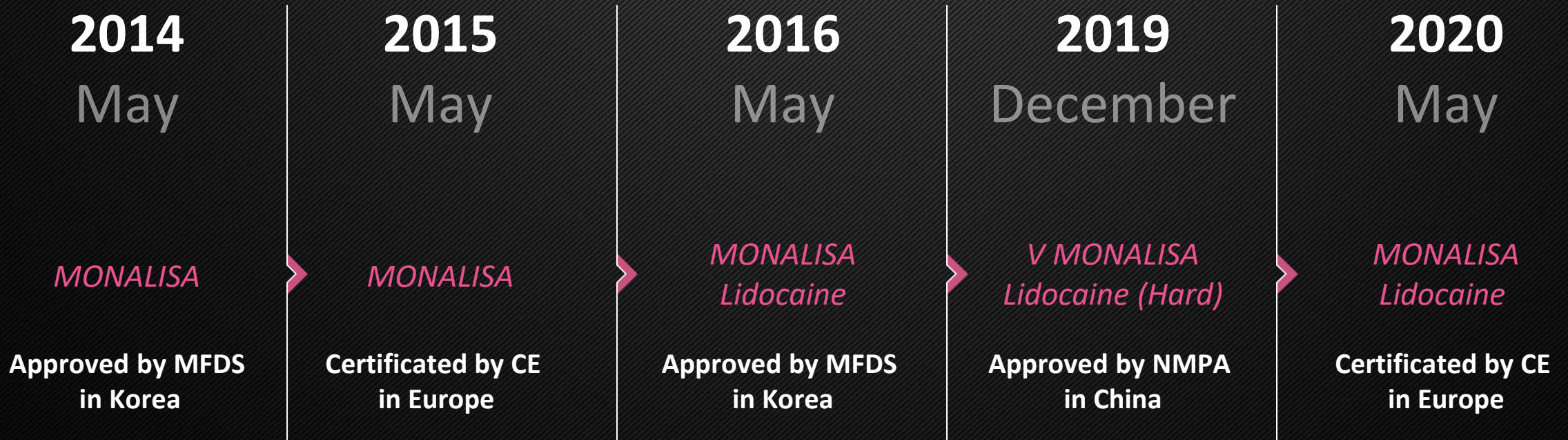
MONALISA



*Long term
Stability*

GENOSS

MONALISA Filler – R&D History



MFDS : Ministry of Food and Drug Safety in R.O.K (www.mfds.go.kr)

NMPA : National Medical Products Administration in P.R.C (www.nmpa.gov.cn)

MONALISA Filler – R&D History



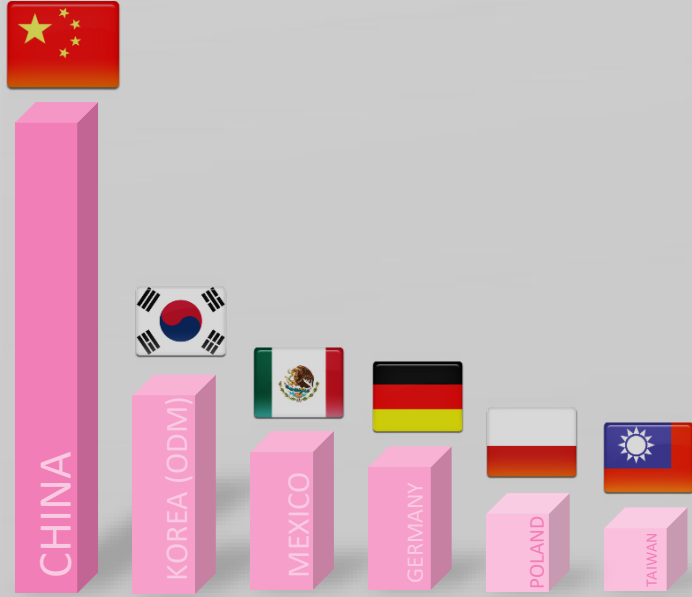
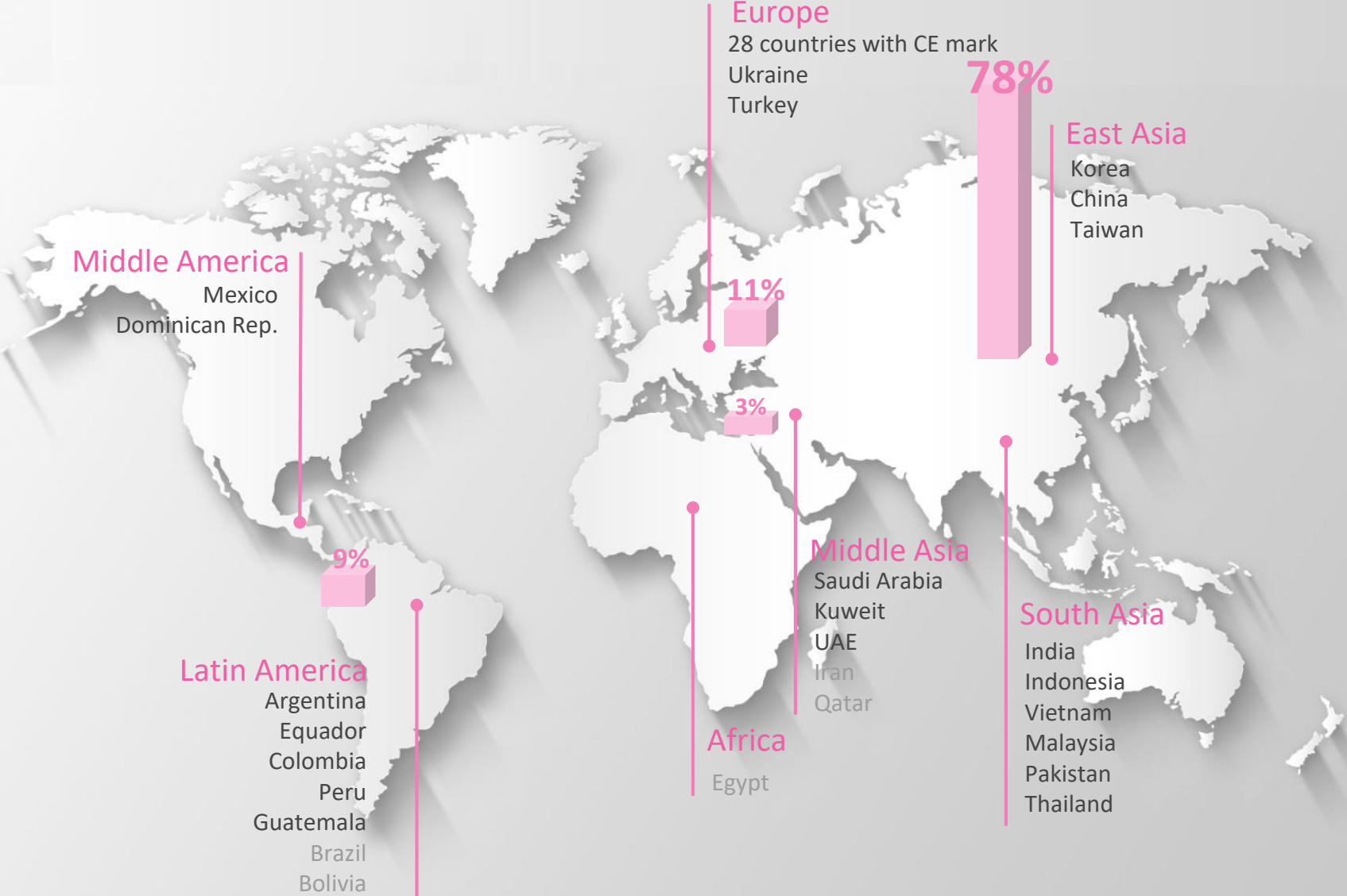
MFDS : Ministry of Food and Drug Safety in R.O.K (www.mfds.go.kr)

NMPA : National Medical Products Administration in P.R.C (www.nmpa.gov.cn)

MONALISA Filler – Registration status

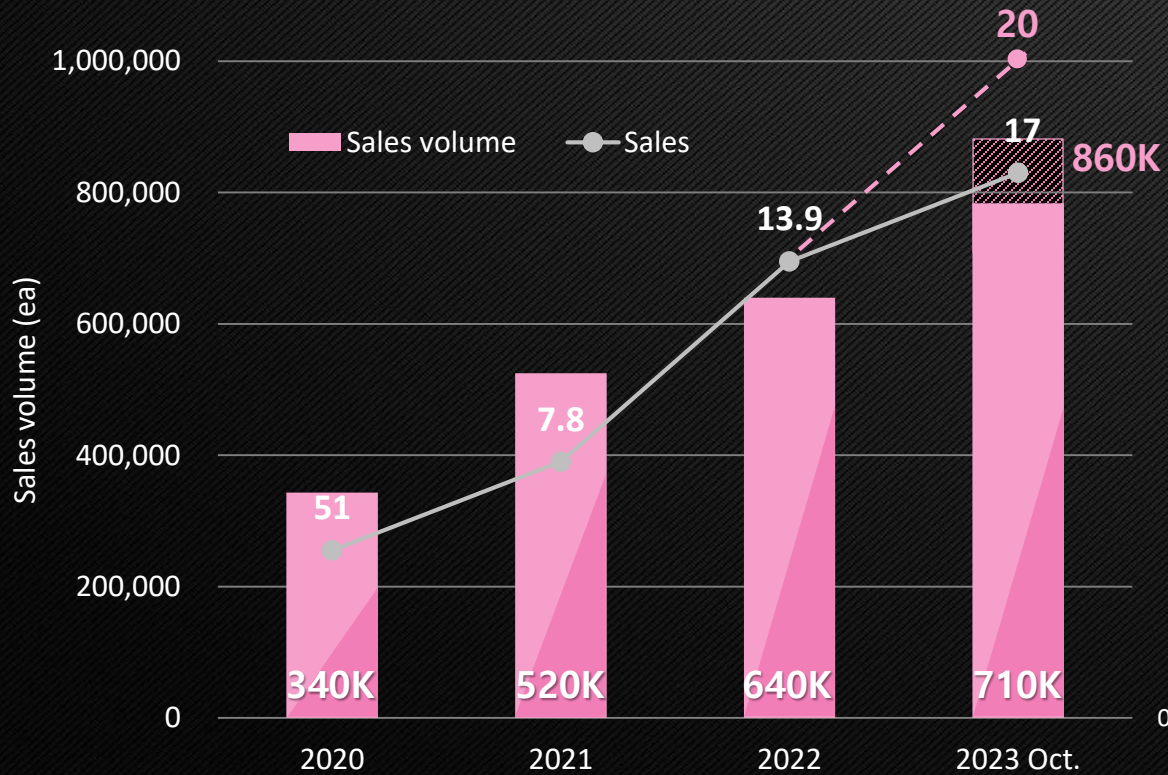
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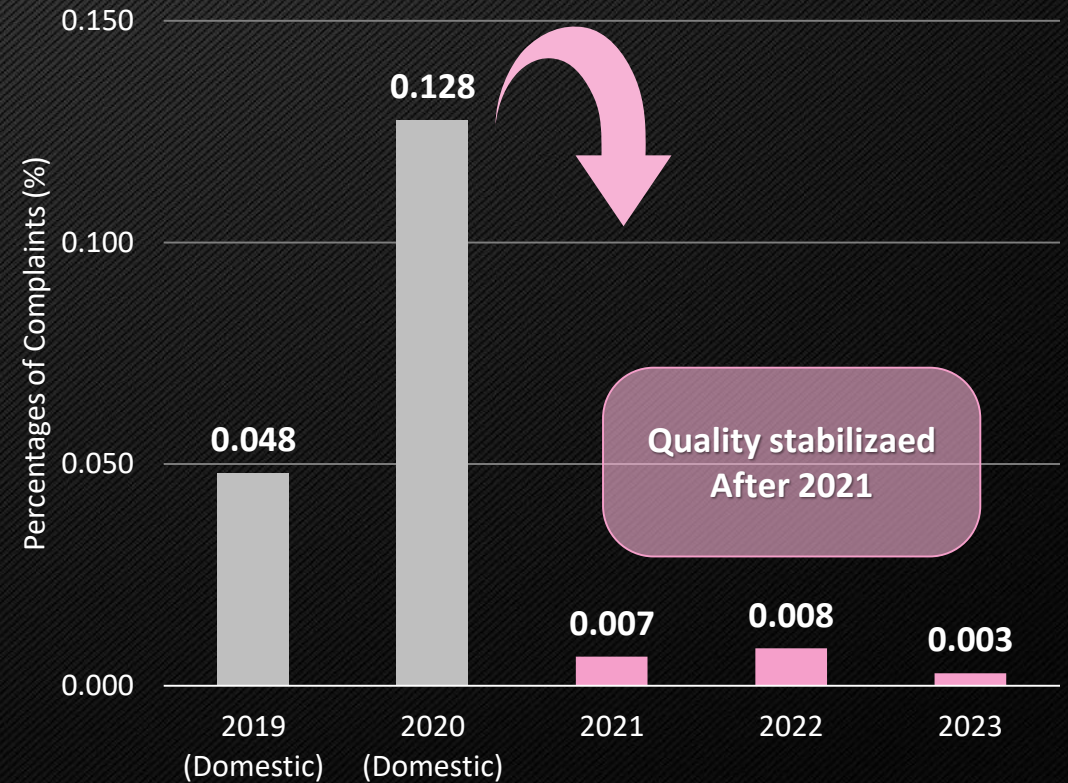


Annual sales trend

Annual Sales of Fillers



Ratio of Complaints by year



MONALISA Non-Lidocaine

Hyaluronic Acid Dermal Filler with Lidocaine

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Soft



Mild



Hard

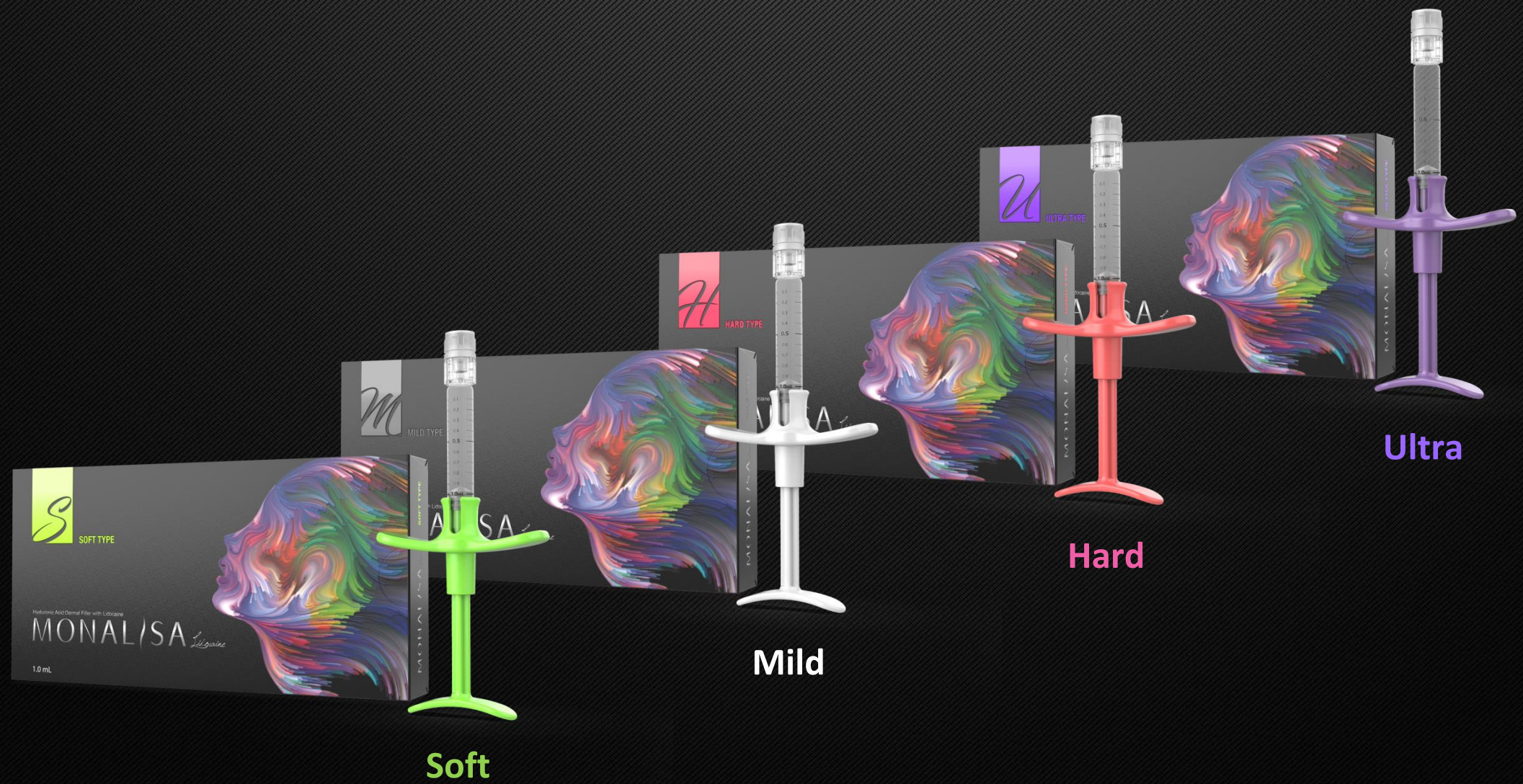
Specification of MONALISA

Product	SOFT	MILD	HARD
Form	No impurities, transparent and colorless gel		
Component	Cross-linked hyaluronic acid		
HA Concentration	20 mg/mL		
Particle Size	200 μm	400 μm	600 μm
Volume	1.0 mL		
Application	Superficial dermis	Superficial dermis / Middle layer of subcutis	Middle to deep layer of subcutis
Needle size	27 GTW*		
Storage Temperature	2 ~ 25 $^{\circ}\text{C}$		

MONALISA Lidocaine

Hyaluronic Acid Dermal Filler with Lidocaine

MONALISA



Soft

Mild

Hard

Ultra

Specification of MONALISA Lidocaine

Product	SOFT	MILD	HARD	ULTRA
Form	No impurities, transparent and colorless gel			
Components	Cross-linked hyaluronic acid, 0.3% Lidocaine			
HA Concentration	24 mg/mL			
Particle Size	200 μ m	400 μ m	600 μ m	900 μ m
Volume	1.0 mL			
Application	Superficial dermis	Superficial dermis / Middle layer of subcutis	Middle to deep layer of subcutis	Deep to very deep layer of subcutis
Needle size	30 GTW*	27 GTW*	27 GTW*	25 GTW*
Storage Temperature	2 ~ 25 °C			

MONALISA Lidocaine

Hyaluronic Acid Dermal Filler with Lidocaine

MONALISA



Product	SMILE	HIGH ELASTIC
Form	No impurities, transparent and colorless gel	
Components	Cross-linked hyaluronic acid, 0.3% Lidocaine	
HA Concentration	24 mg/mL	
Particle Size	400 μ m	900 μ m
Volume	1.0 mL	
Application	Superficial dermis / Middle layer of subcutis	Deep to very deep layer of subcutis
Needle size	27 GTW*	25 GTW*
Storage Temperature	2 ~ 25 $^{\circ}$ C	

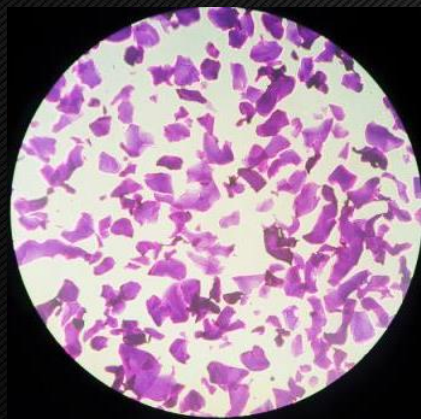
* TW : Thin wall

Physical Properties

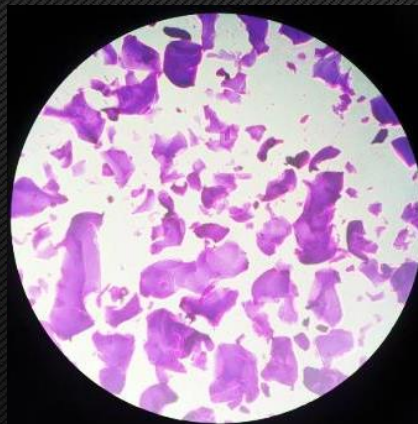
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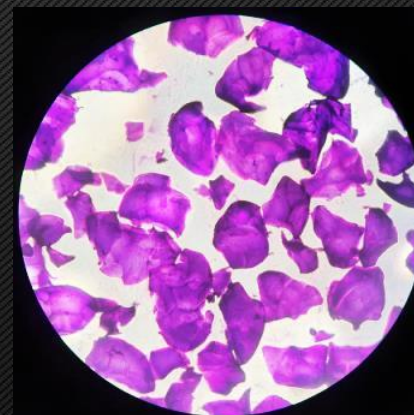
Particle size & shape



Soft



Mild / Smile



Hard



Ultra / High Elastic

x 40

Intended Use / Indications



Soft

Tear trough
Periorbital wrinkles



Mild / Smile

Cheek volume
Forehead lines
Lips



Hard

Forehead volume
Nasolabial folds



Ultra / High Elastic

Nasal augmentation
Chin & Facial oval



Advantages of MONALISA Filler

Long-lasting

Differentiated Hyaluronic Acid Cross-linking Process

Convenience

Smooth injection And Ergonomic design for user

Safety

Highly biocompatible with fewer cross-linking agents

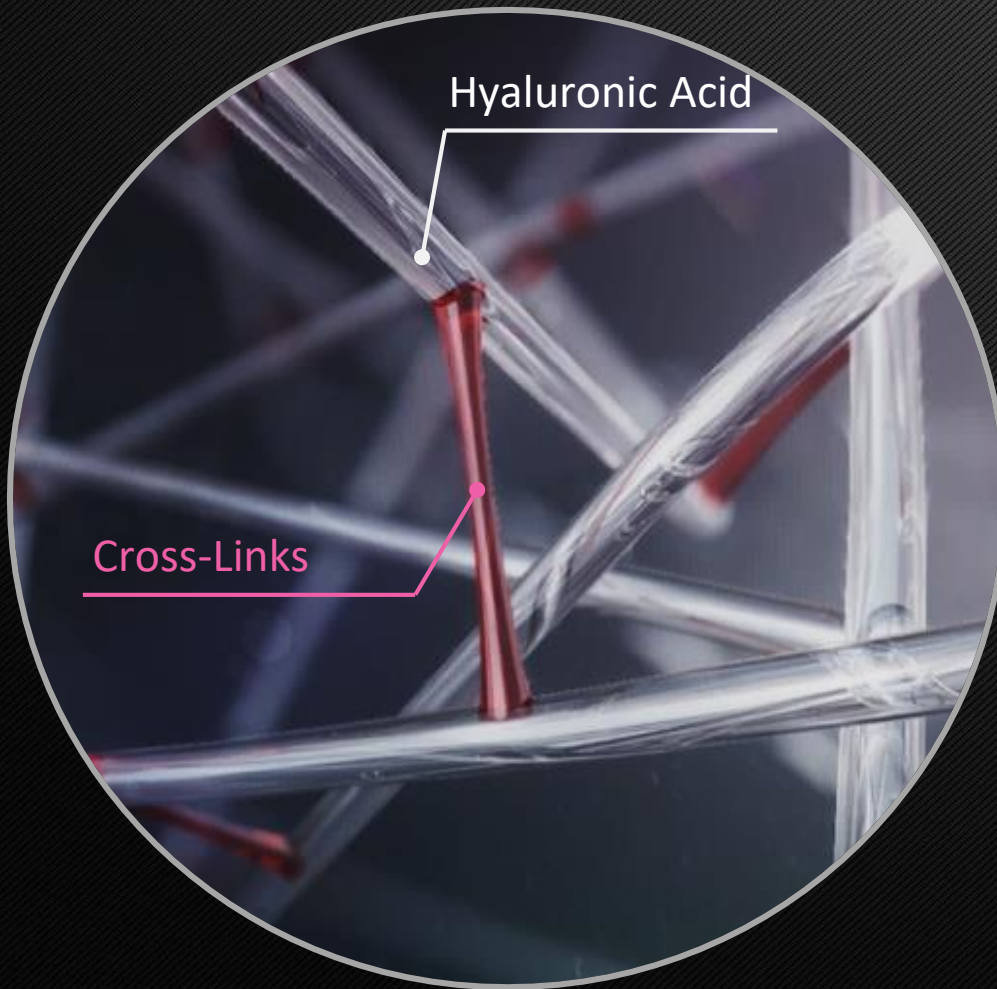
*Long-term
Stability*

Hyaluronic Acid Dermal Filler with Lidocaine

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Long-lasting Filler, MONALISA

Cross-linking Technology with EP grade Raw Material



- Highly pure Hyaluronic Acid
- Manufacturing Process Complied with ISO 13485, ISO 9001
- Hy-BRID Technology enables MONALISA/MONALISA Lidocaine to have optimal viscoelasticity & long-lasting volume

Hy-BRID Technology

Hyper Cross-linked

Based on non-animal HA

Residual free

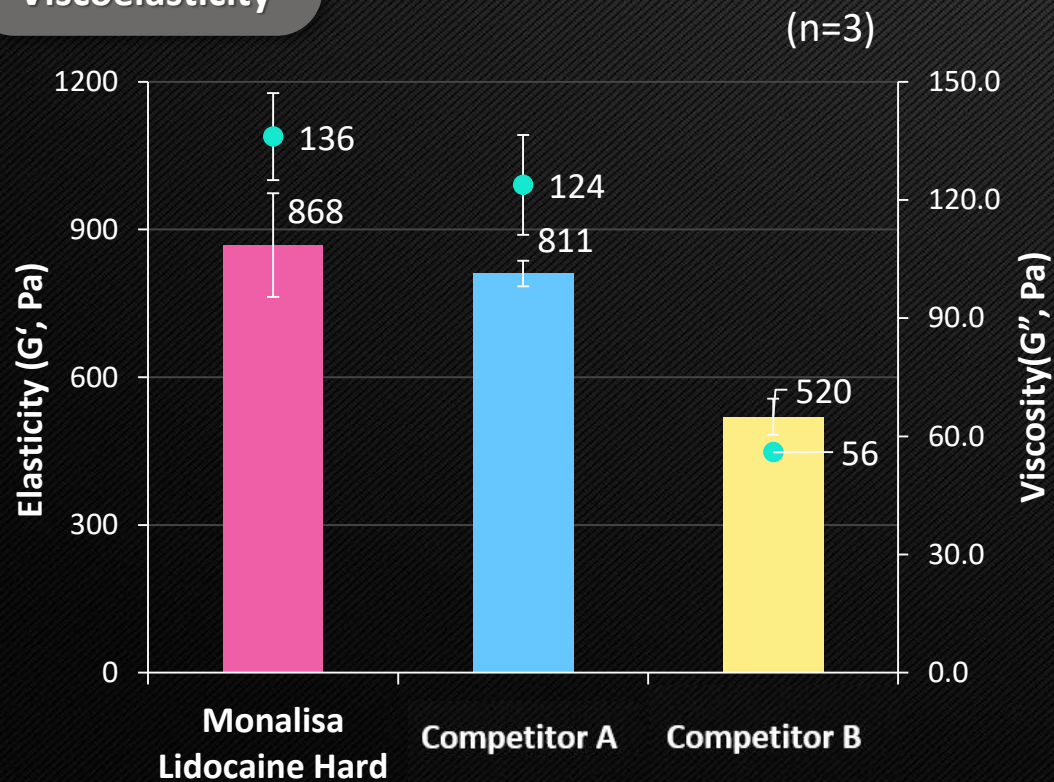
Improved Density and elasticity

Better Retaining and Volumising

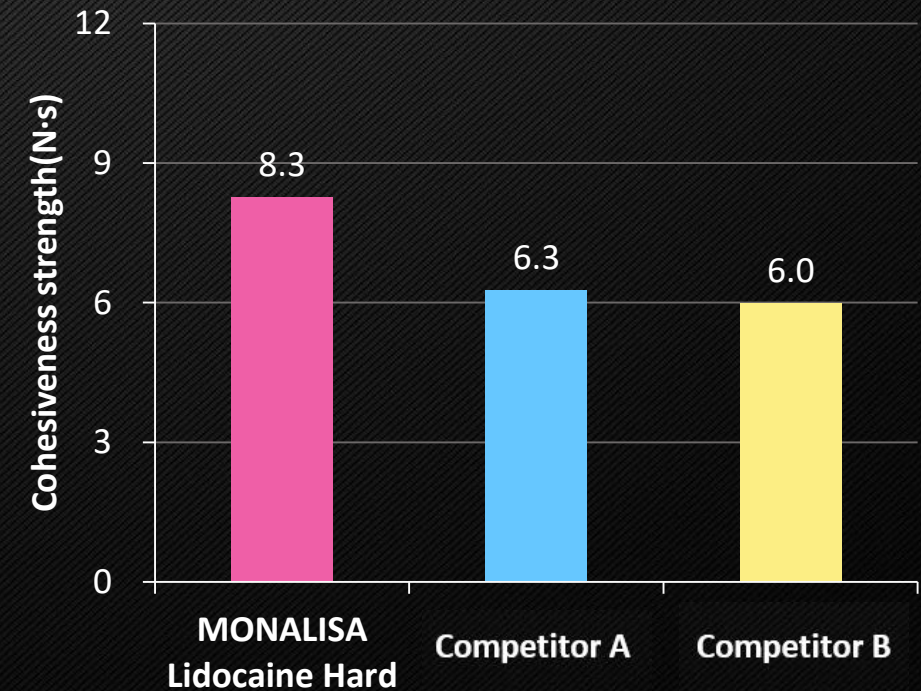
- ✓ Higher viscoelasticity than competitors
- ✓ Ability to resist external forces after injection (Involved in molding and sustenance of the filler)



Viscoelasticity



Cohesiveness

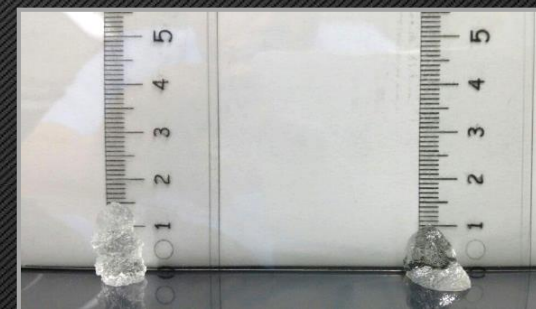
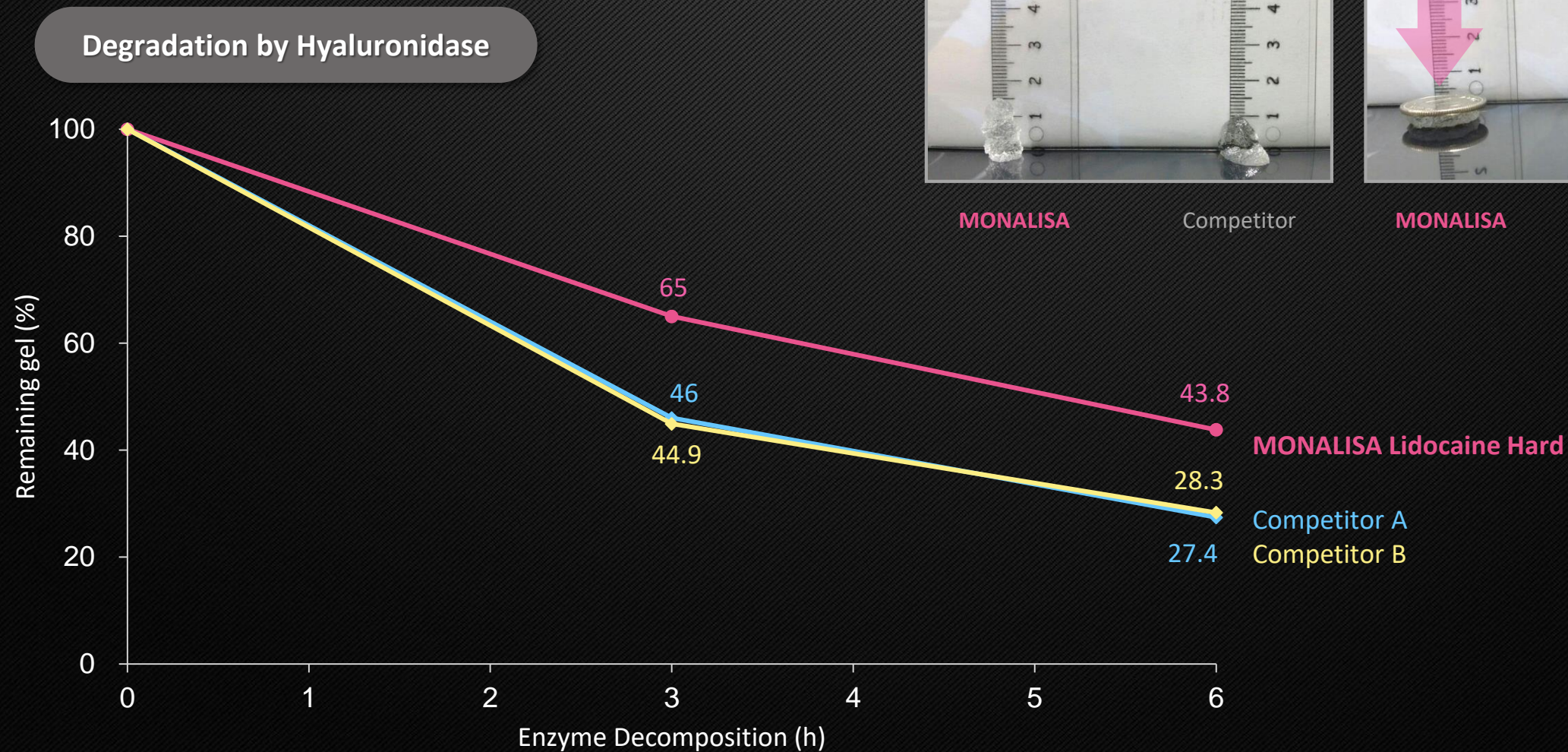


Better Retaining and Volumising

Hyaluronic Acid Dermal Filler with Lidocaine

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Durability against Enzymatic Decomposition



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Competitor



2x Volumising capacity

MONALISA

Competitor

Hyaluronic Acid Dermal Filler with Lidocaine

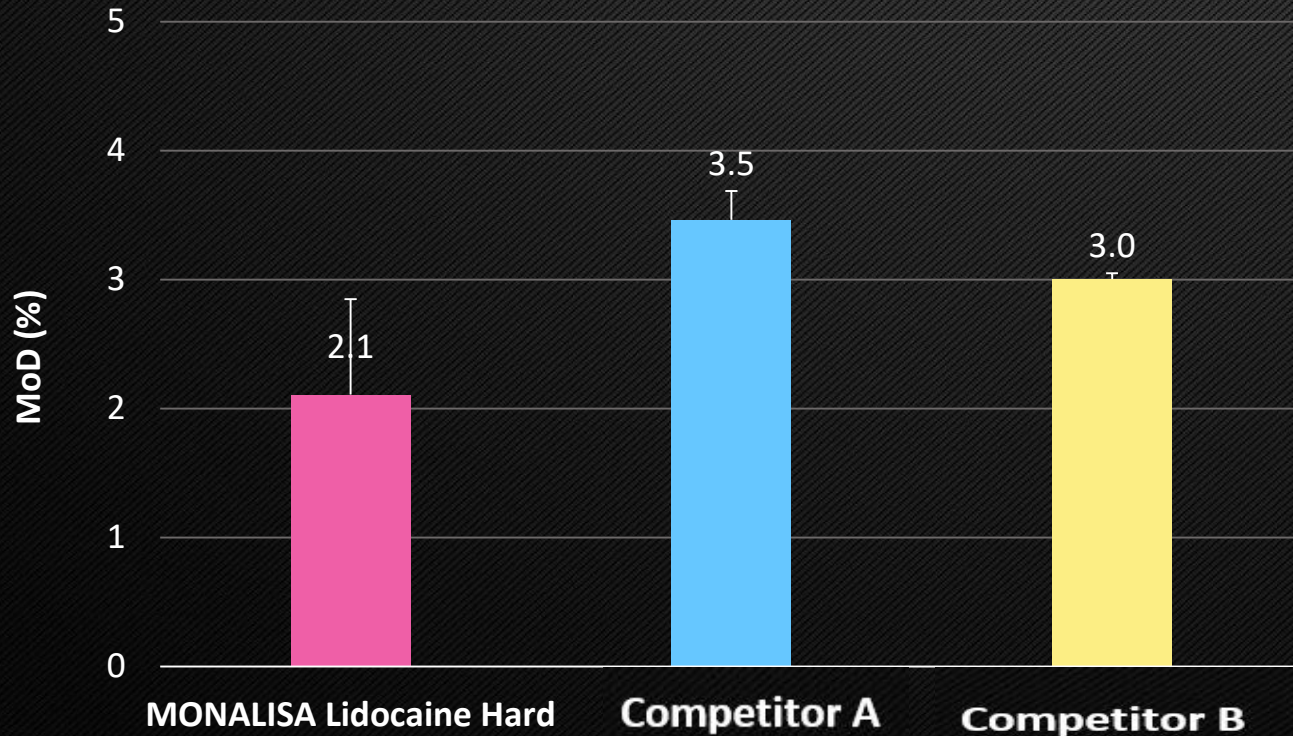
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Safe Filler, MONALISA

Use of low crosslinking agents to ensure high safety

✓ MoD (Degree of Modification, %)

: Ratio of HA cross-linked with BDDE (Cross-linked BDDE + Pendant BDDE)



Ideal Cross-linked HA gel



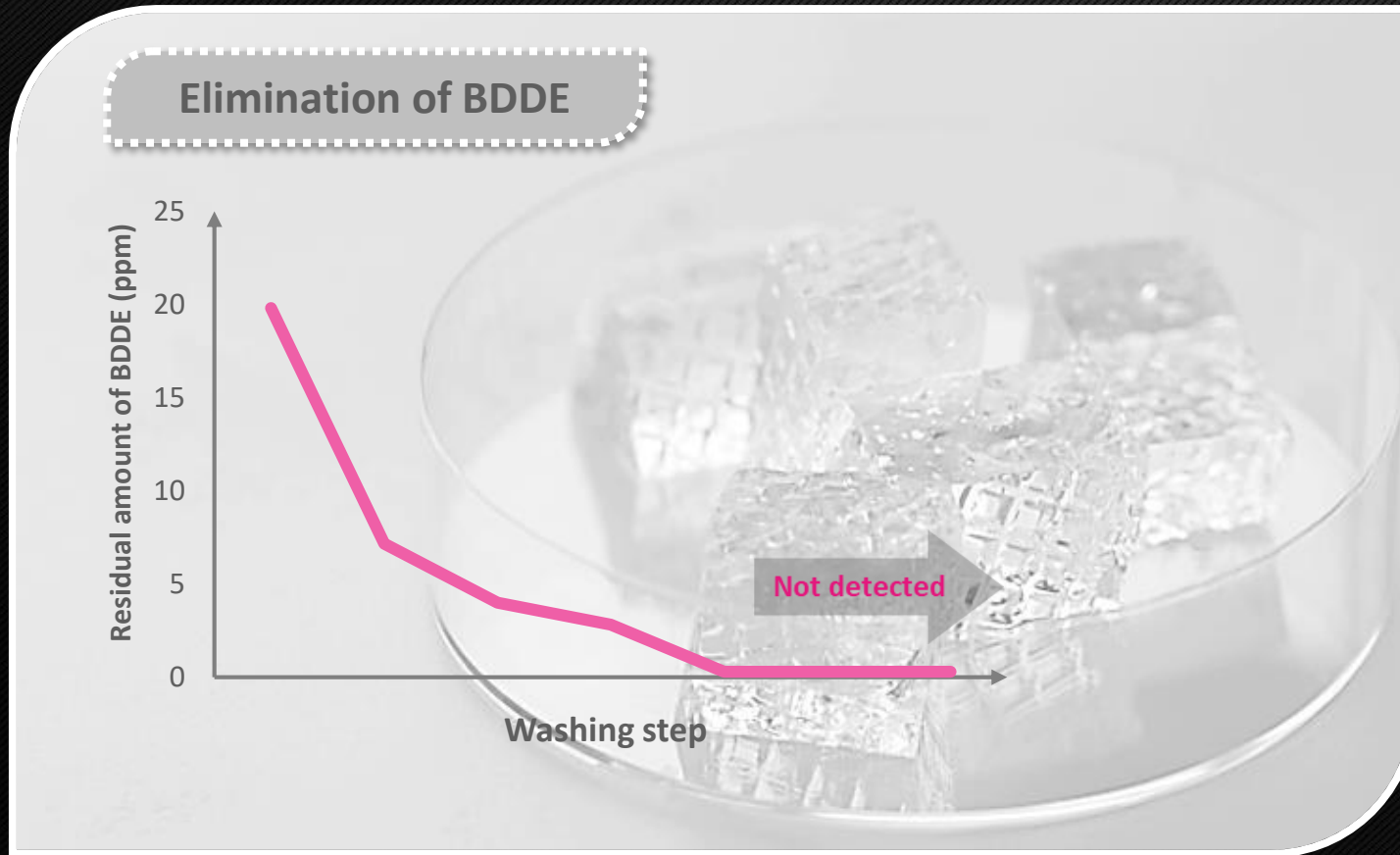
Real Cross-linked HA gel



 Cross-linked BDDE  Pendant BDDE  Un-reacted BDDE

Verified Purification Process

GENOSS's Complete Washing System (GCWs)



- Automated system
- Removal of Impurities
(Un-coupled BDDE & HA)

* BDDE (1,4-butanediol diglycidyl ether, cross-linking agent)

Safety – No Residual BDDE & Endotoxin

- Check residual BDDE of every LOT for Quality Guarantee
- No toxic issues due to residual BDDE
- Strict control of Endotoxin level

	Standard	Results
Form	No impurities, transparent and colorless gel	Pass
Concentration of HA	22.6 ~ 26.4 mg/mL	24.1 mg
pH	6.5 ~ 7.5	7.1
BDDE Residue	2 ppm	Not Detected
Endotoxin	0.5 EU/mL	< 0.1 EU/mL
Volume	1.0 mL	Pass

* BDDE(1,4-butanediol diglycidyl ether, cross-linking agent)

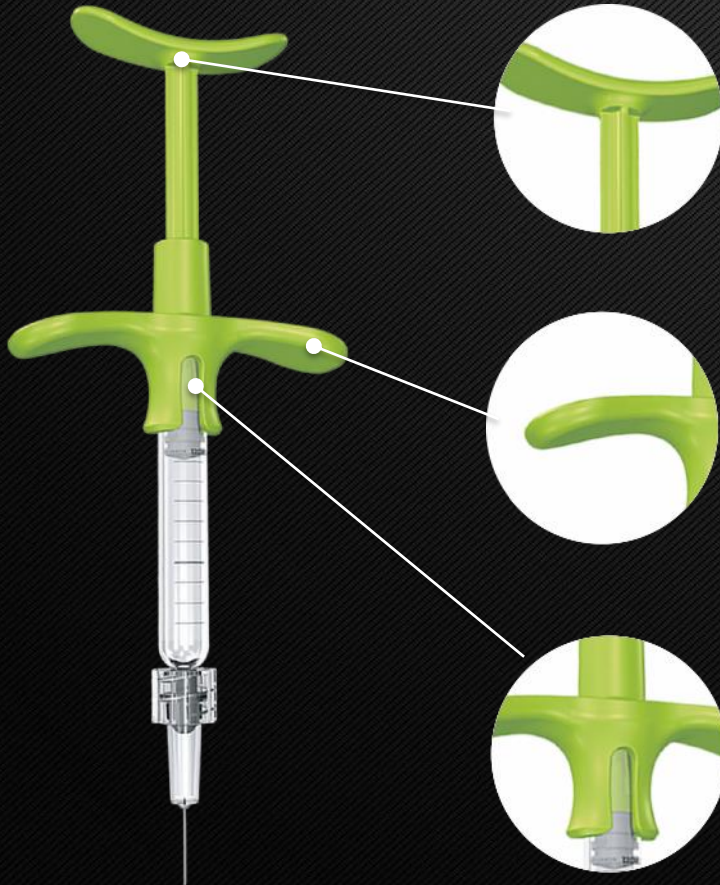
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Convenient Filler, MONALISA

Ergonomic Design for User Convenience

Optimal Grip & Rod Design

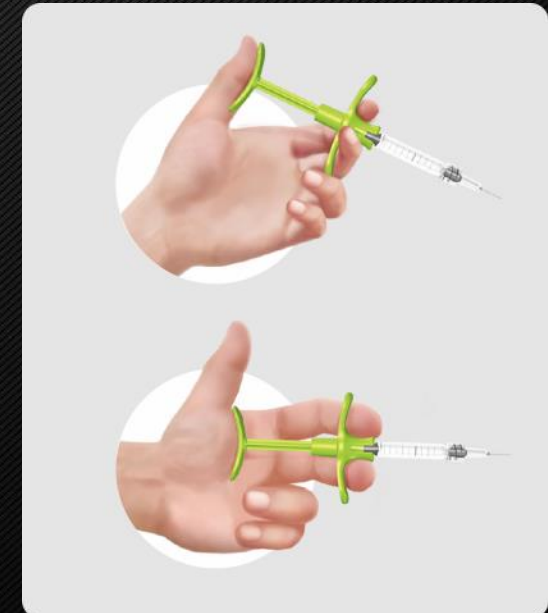


Comfort grip for smooth injection

Fits everyone's hand

Comfort grip & Anti-slipping

Grip



Easy Injection

Relativeley Lower & Constant Injection Force by Uniform Sized Particle



Hyaluronic Acid Dermal Filler with Lidocaine

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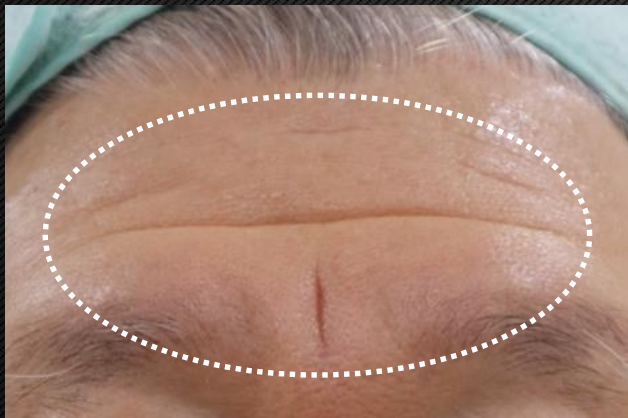
Clinical Cases

Clinical Case: Forehead

Hyaluronic Acid Dermal Filler with Lidocaine

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Before



After

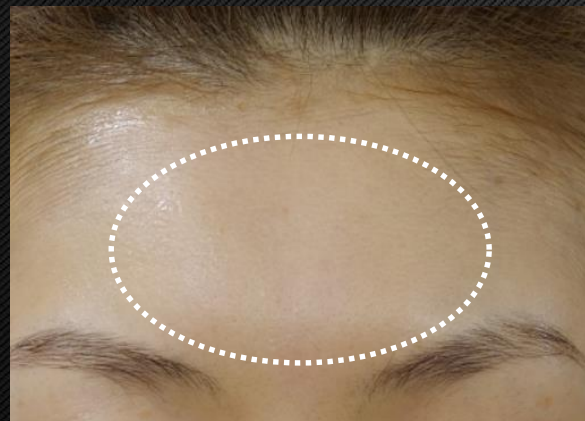


Clinical Case: Forehead

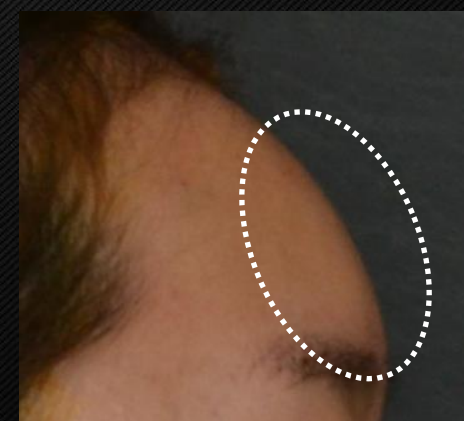
Hyaluronic Acid Dermal Filler with Lidocaine

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Before



After

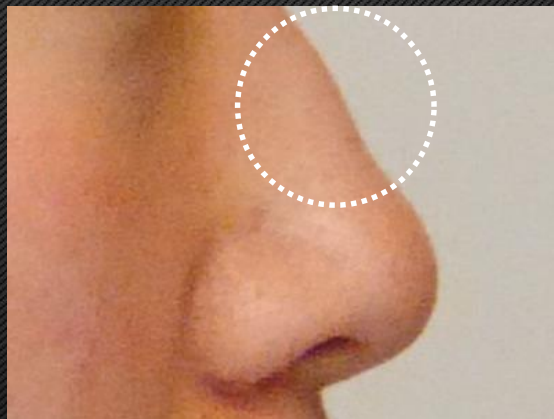
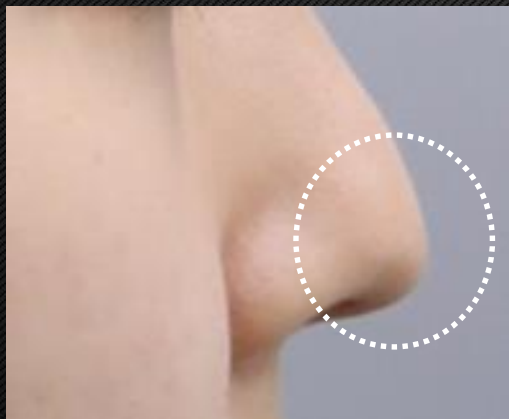


Clinical Case: Nose

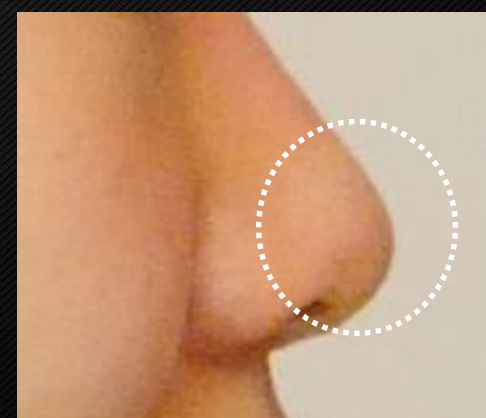
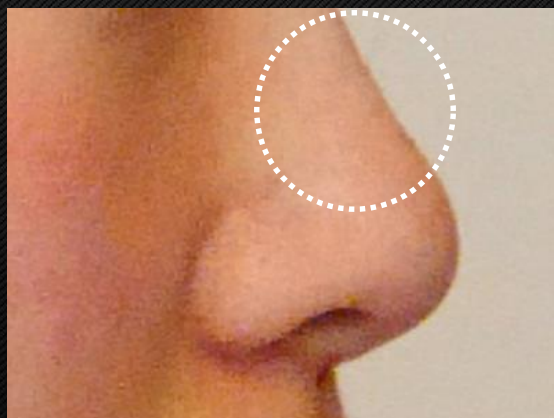
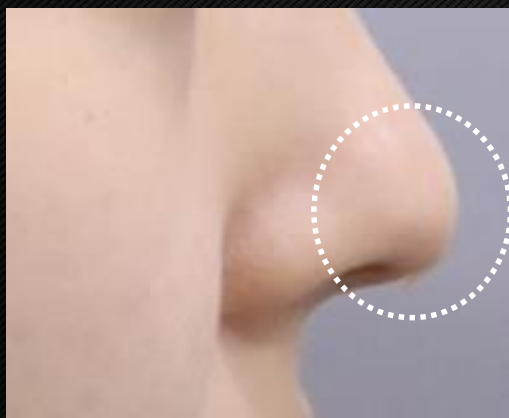
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MONALISA

Before



After

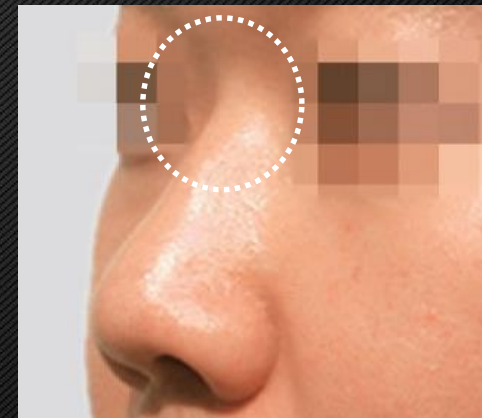
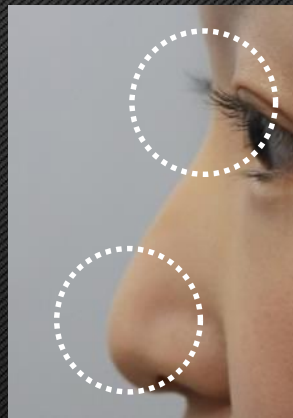


Clinical Case: Nose

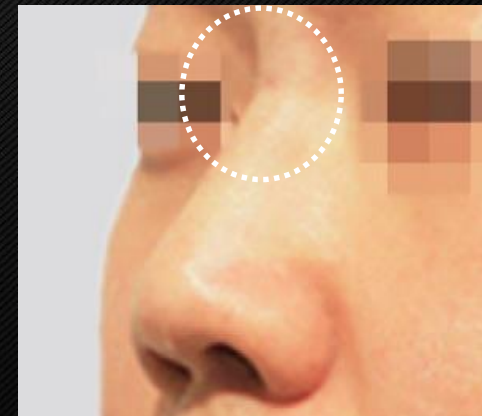
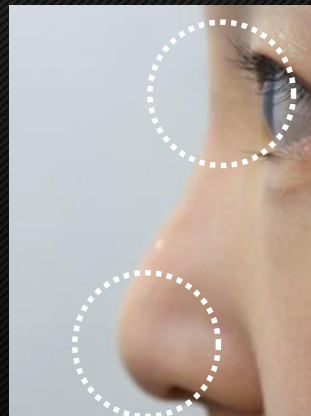
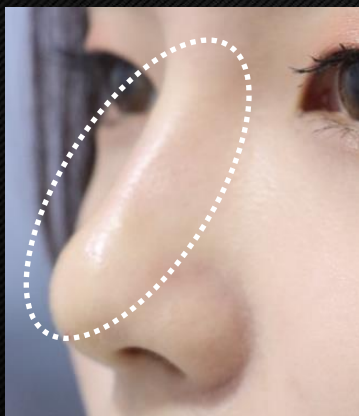
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Before



After

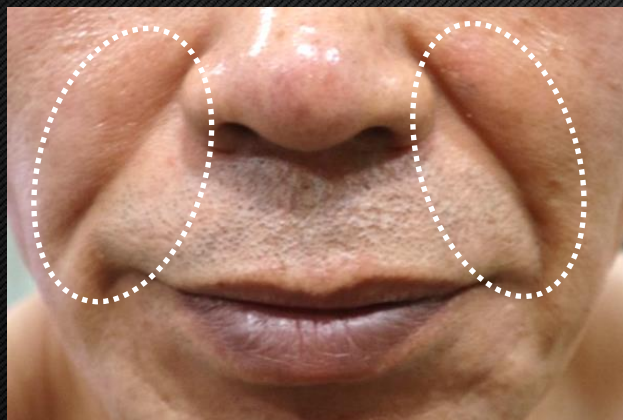


Clinical Case: Nasolabial fold

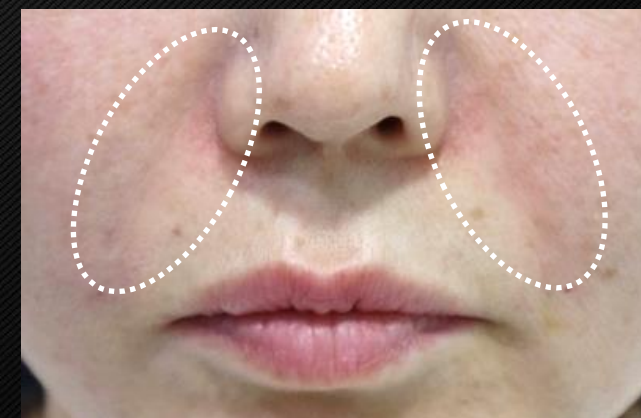
Hyaluronic Acid Dermal Filler with Lidocaine

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Before



After

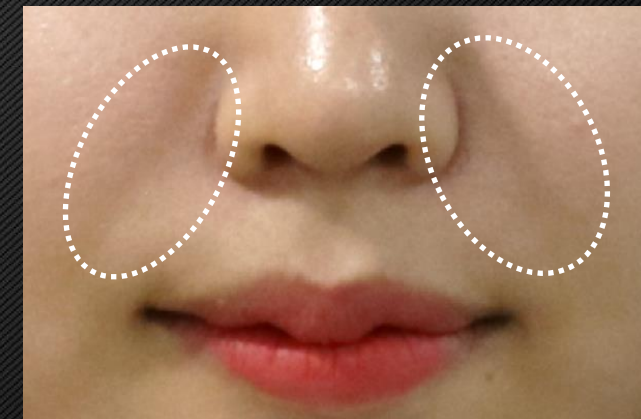


Clinical Case: Nasolabial fold

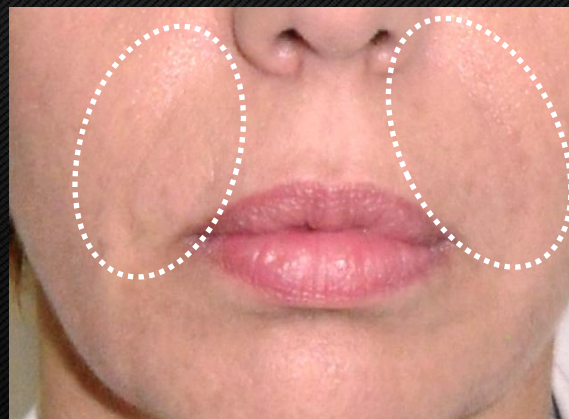
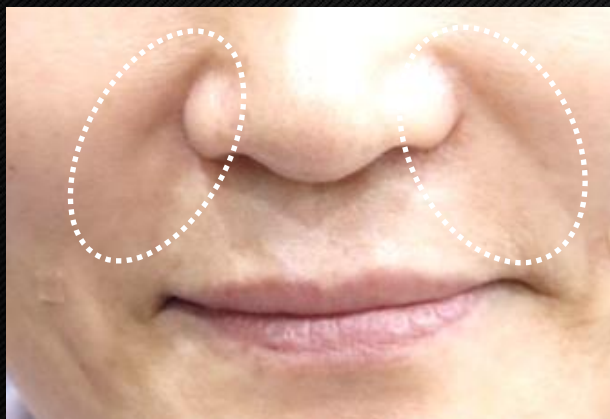
Hyaluronic Acid Dermal Filler with Lidocaine

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Before



After



Hyaluronic Acid Dermal Filler with Lidocaine

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Thank you

For your attention :-)