

ReGENIN™ Filler

- New Generation Peptide Filler
- Higher HA contents
- Safer with less BDDE

New Generation Peptide Filler

REGENIN™
Regeneration from inside



- Two functional engineered peptides
- Higher HA contents(24mg/mL)
- Eight phase filtering with ultra-functional technology
- Multi-way membrane method for removal of residual BDDE

Two functional
engineered
peptides

Higher HA contents
(24mg/ml, cross-
linked hyaluronic acid)

0.3% Lidocaine

Non-animal origin

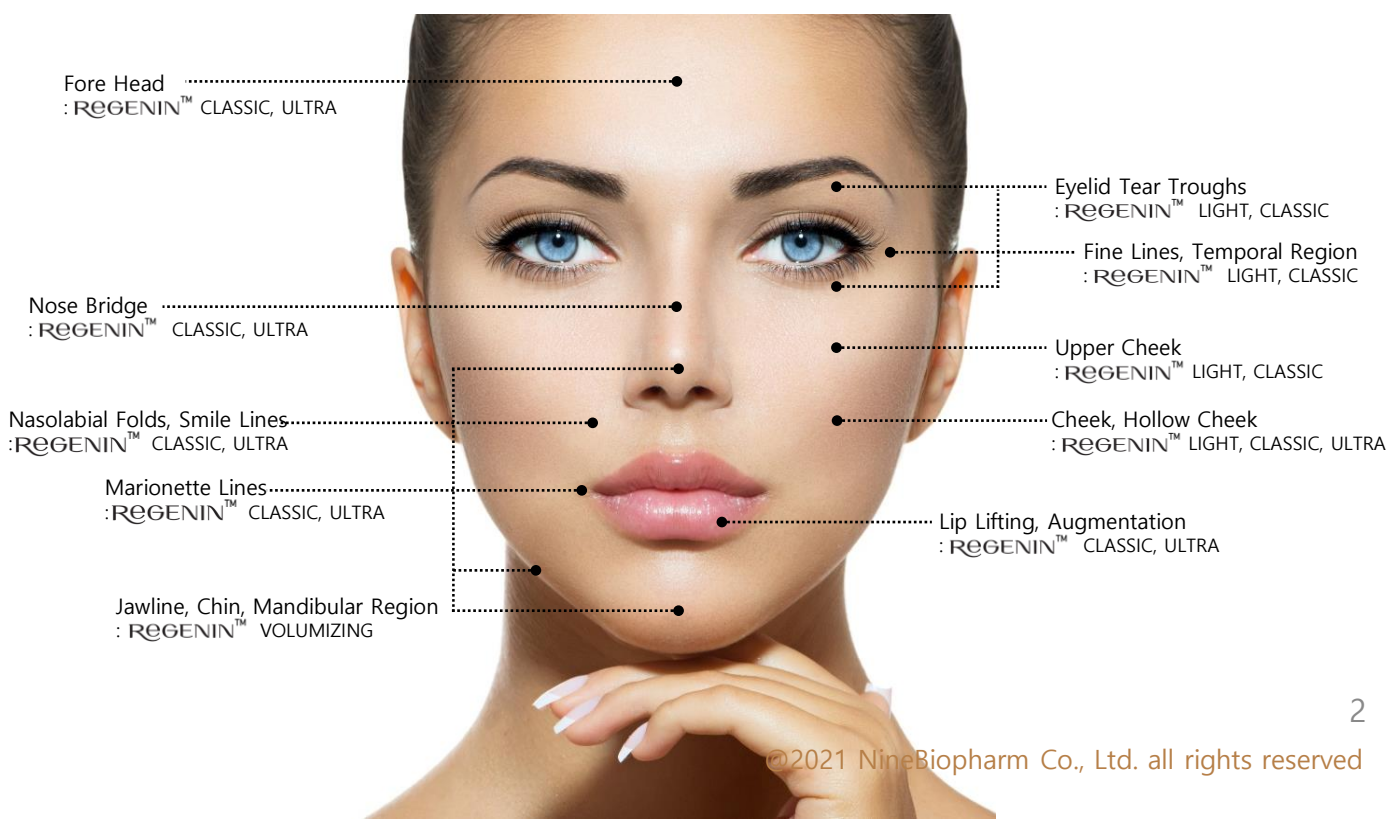
Immediate
& visible results

Fast recovery
& minimal pain

• Indication and Summary Table

ReGENIN™				
Product Name	LIGHT	CLASSIC	ULTRA	VOLUME
HA Concentration	24 mg/mL			
Visco-elasticity	Low	Mid	High	Hard
Packaging	1.1mL/Syringe			
Lidocaine	0.3%			
Injection Area	<ul style="list-style-type: none"> - Superficial wrinkles - Filling of all moderately pronounced wrinkles on the face - Eyelid Tear Troughs, Fine Lines, Upper Cheek, Hollow Cheek 	<ul style="list-style-type: none"> - Deep wrinkles - Harmonization of volume - Fore Head, Nose Bridge, Marionette Lines, Tear Troughs, Hollow Cheek 	<ul style="list-style-type: none"> - Very Deep wrinkles - Fore Head, Nose Bridge, Marionette Lines, Hollow Cheek, Nasolabial Folds 	<ul style="list-style-type: none"> - Creation of the volumizing & contouring - Jaw Lines, Chin - Mandibular Region - Tip of nose
Implant Duration Before touch up ※	12 months on average			
Shelf Life	24 months			
Storage	Store in 1-30°C. Protect from direct sunlight and freezing			


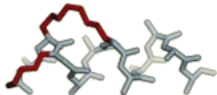


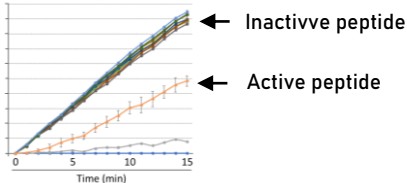
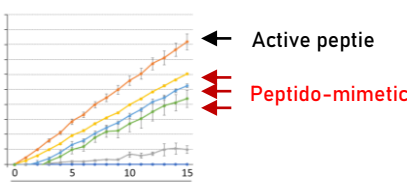
※ Average duration depends on several factors: Patients' age, skin type, lifestyle, severity of the wrinkles to be corrected, type of injection, the injected volume and the skill of a practitioner



• Material Development Platform

Peptido-mimetic

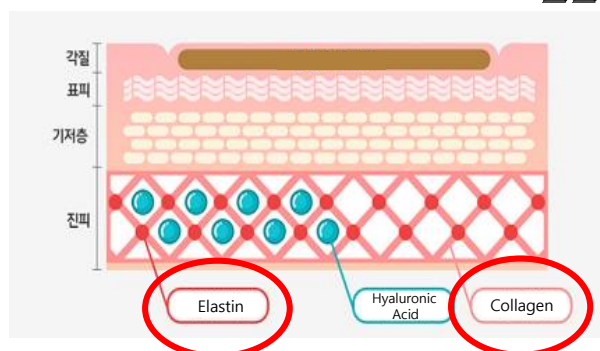
A material that maximizes the activity, durability, and compatibility of existing peptides through proprietary peptide remodeling technology (ARiST: Advanced Remodeling in silico Technology) based on in silico technology

Division	Peptide	Peptido-mimetic
Definition	A form in which 2 or more and 50 or less amino acids constituting this are combined as part of a protein	Peptides or compounds with improved biological safety / activity through modification of the existing sequence and structure as a generic term for small substances designed to mimic the function of peptides
Change of Sequence		
Structural Change		
Activity Improvement	 <p>← Inactive peptide</p> <p>← Active peptide</p>	 <p>← Active peptide</p> <p>← Peptido-mimetic</p>

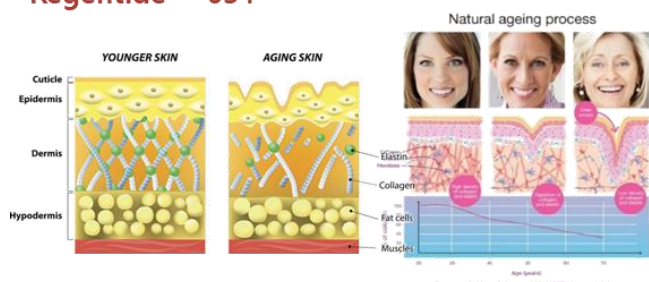
• Material Overview

Regentide™-034/Regentide™-041

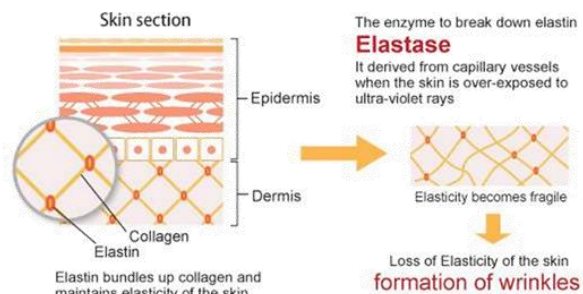
REGENIN™ Filler



Regentide™-034

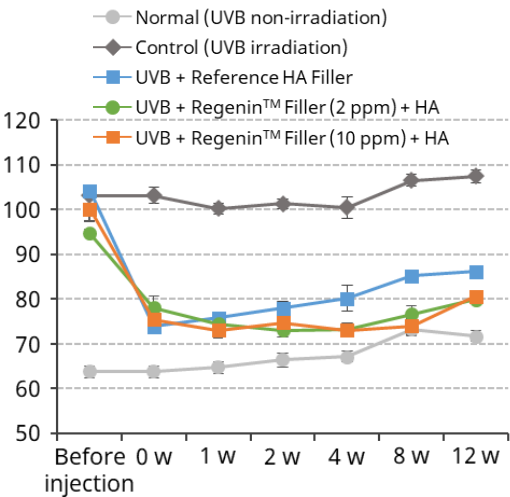


Regentide™-041



In vivo data

Roughness, Wrinkle Evaluation

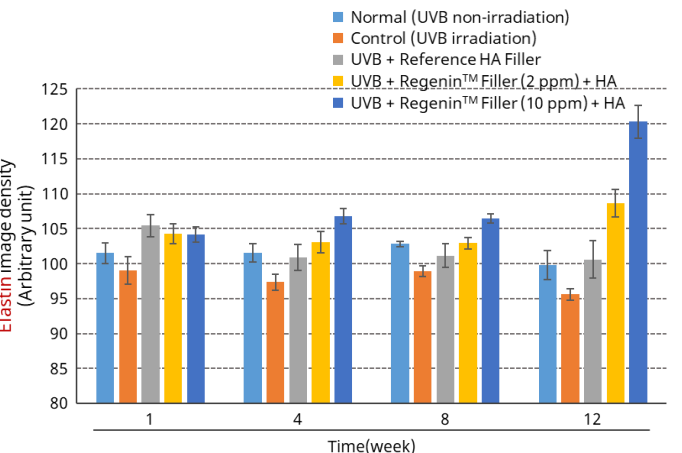
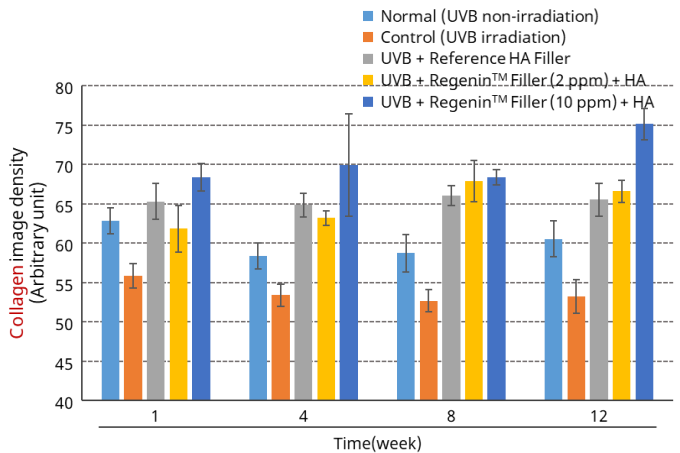
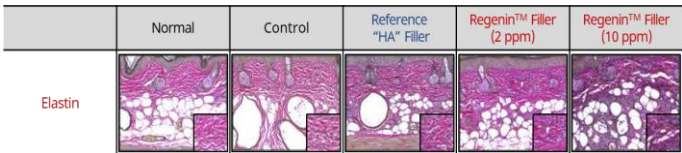
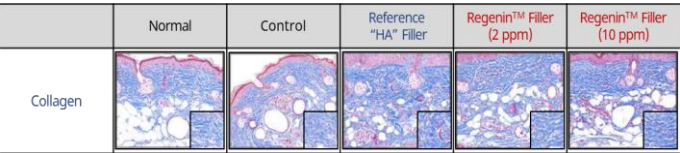


	0 week	12 weeks	Efficacy(%)
Reference "HA" Filler			44.73% (↑)
Regenin™ Filler (2 ppm)			47.66% (↑)
Regenin™ Filler (10 ppm)			53.49% (↑)

Results : As a result of the roughness 12 weeks after injection of the Regenin filler, it was confirmed that the roughness was lower in the regenin filler compared to the control group, and it was confirmed that the roughness was lower when using the regentide at 10 ppm rather than 2 ppm

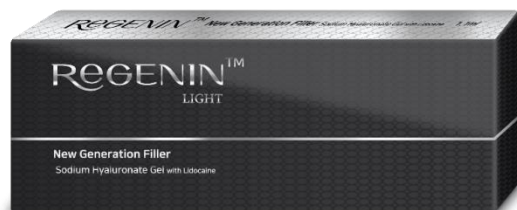
Quantitative comparison of Collagen(MT stain) / Elastin(VVG stain)

<Tissue Staining: Collagen(MT stain) / Elastin(VVG stain)>



Results : 12 weeks after Regenin filler injection, the amount of collagen and elastin in the tissue was increased in the Regenin filler injection group compared to the control group, and it was confirmed that the amount of collagen and elastin increased when using 10 ppm of regentide rather than 2 ppm

• Product



REGENIN™ LIGHT

New Generation Peptide Filler Sodium Hyaluronate Gel with Lidocaine

1.1ml/Syringe

- Superficial wrinkles
- Filling of all moderately pronounced wrinkles on the face
- Eyelid Tear Troughs, Fine Lines, Upper Cheeks, Hollow Cheek

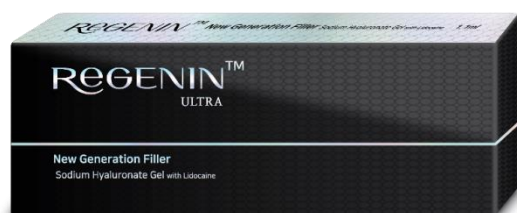


REGENIN™ CLASSIC

New Generation Peptide Filler Sodium Hyaluronate Gel with Lidocaine

1.1ml/Syringe

- Deep wrinkles
- Harmonization of volume
- Fore Head, Nose Bridge, Marionette Lines, Tear Troughs, Hollow Cheek



REGENIN™ ULTRA

New Generation Peptide Filler Sodium Hyaluronate Gel with Lidocaine

1.1ml/Syringe

- Very Deep wrinkles
- Fore Head, Nose Bridge, Marionette Lines, Cheeks, Hollow Cheek, Nasolabial Folds



REGENIN™ VOLUME

New Generation Peptide Filler Sodium Hyaluronate Gel with Lidocaine

1.1ml/Syringe

- Creation of the volumizing & contouring
- Jaw Lines, Chin, Mandibular Region, Tip of Nose

NineBiopharm Co., Ltd.

ReGENIN™ Filler



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