

# Regenovue PN Series

Premium Skin Regeneration Solution



Skin Rejuvenation | Anti-Aging | Skin Lifting | Pore Refinement

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**Advanced Salmon DNA Skin Booster for Fundamental Cell Regeneration**  
Achieve all Advantages of [Botox](#), [Filler](#) & [Meso](#)therapy with one Formula



Biocompatible



Thicker Skin



Unique Formula



Fine Particles



No Skin Damage

# Boosts Skin's Elasticity, Firmness and Radiance

## Restoring Hydration and Skin Quality from within

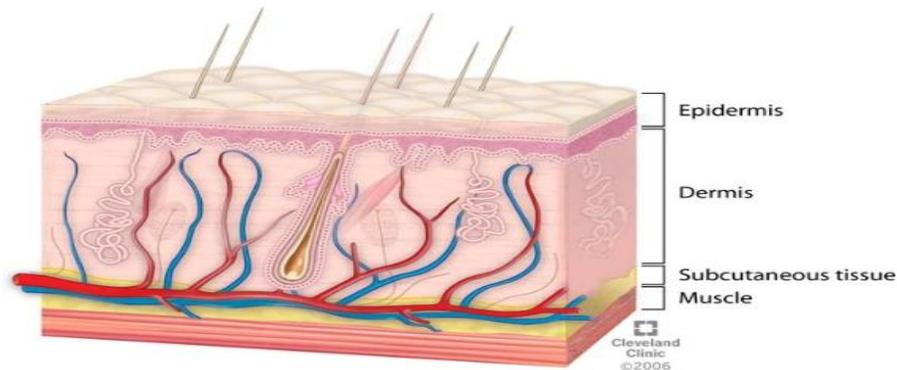
Skin boosters also called beauty boosters are a type of **mesotherapy** that uses a **stabilized substance**, especially the **hyaluronic acid** with results that **last longer**, to improve the hydration, radiance, elasticity, and firmness of the skin.

**Mesotherapy** consists of a series of micro injections in the superficial layer of the skin of active ingredients that slowly diffuse into the underlying tissues.

This technique is applied in different clinical conditions and also in dermatology it could play a useful role in the treatment path of many patients. The needle should be introduced quickly and the drug should be injected gently to avoid pain.

Skin booster can help improve the skin's overall appearance, making it look younger and more radiant.

Skin boosters are **perfect for any skin type** and **any age range**.



# PN, the Advanced PDRN

## Safely Promoting Skin Healing and Hydration

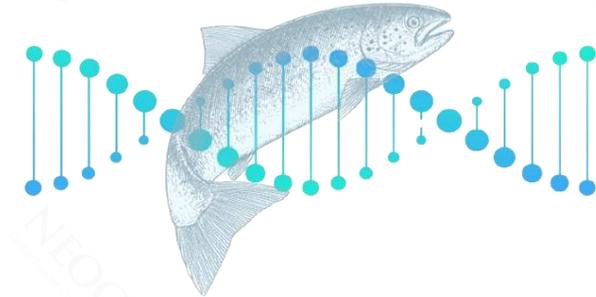
Polynucleotides (PN), or polydeoxyribonucleotide (PDRN) are extracted from Salmon fish, commonly known as **Salmon DNA**. It is very similar to the human DNA, considerably stable to heat and **safe** as a substance present in the human body and **salmon is superior in tissue repair**.

PDRN is a subtype of Polynucleotides (PN), helps in **effectively healing the skin structure**.

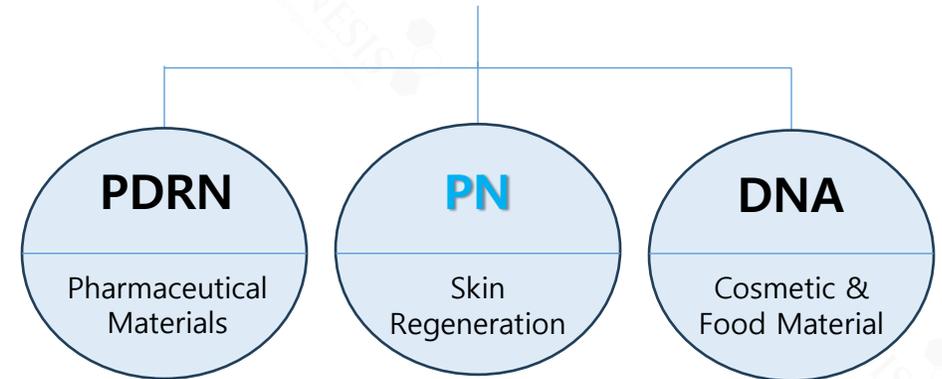
PN, as long polymeric molecules, combines with a large amount of water to form a three-dimensional gel, serving as a **physical support within the skin**.

PN is component that promotes **skin healing & hydration** in Regenovie PN. More importantly, PN is **safe** and **compatible with human skin without any side effects**. Compared to PDRN, PN is purer and more concentrated allowing it to have **better healing & anti aging effect**.

**Polynucleotides (PN)**  
Regenovie Main Ingredient



**Salmon DNA**



# The science behind Regenovue PN incredible effectiveness

PN Reforms and Heals Skin - Hyaluronic Acid hydrates and maximizes results

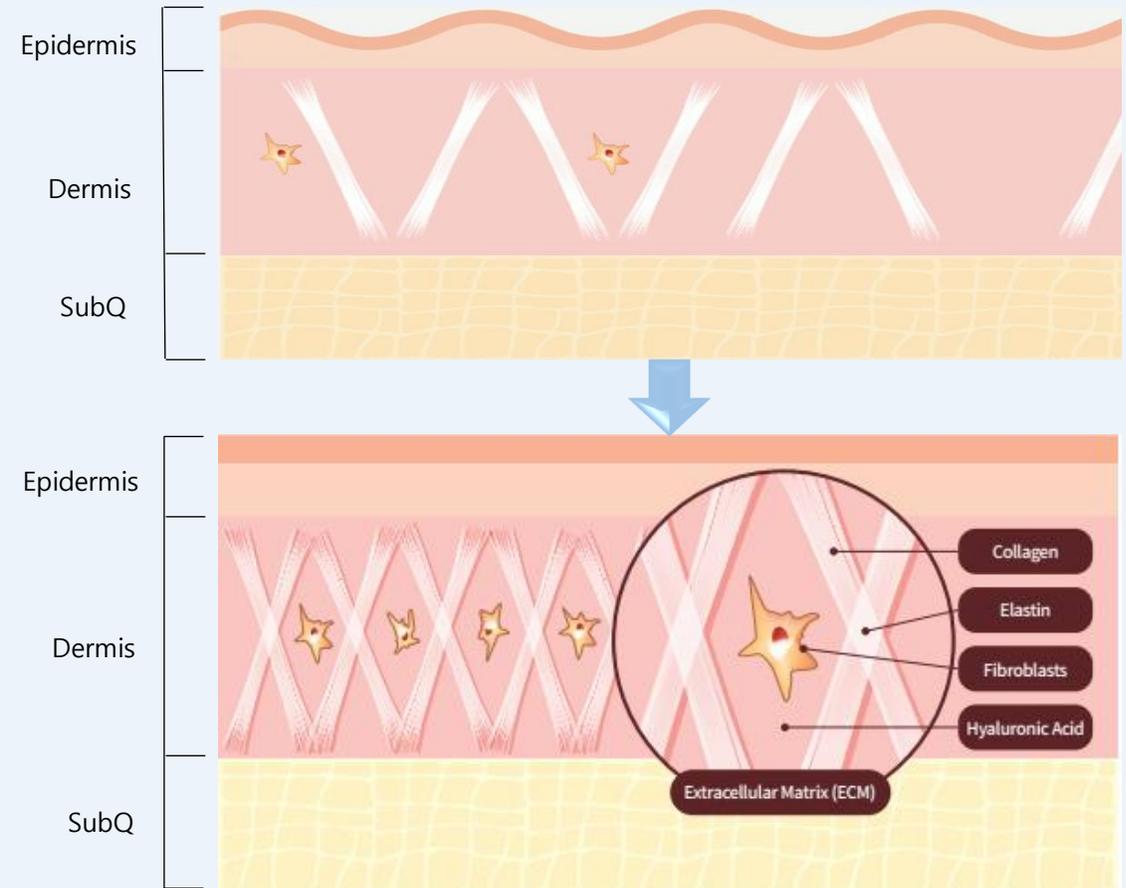
Regenovue PN features a **combination of PN and HA**. The synergy between the two ingredients improves the tone and elasticity of the skin.

PN improves the environment of the dermis (ECM), stimulating Collagen, Elastin and Fibroblast synthesis.

PN **strengthens the skin barrier** by regenerating and healing the skin's supporting layer.

**Hydration** from Hyaluronic Acid, along the **collagen-stimulating** and **anti-aging** properties of polynucleotides.

Regenovue PN harnesses the power of HA and Salmon DNA to stimulate collagen production, thereby improving skin elasticity and texture. This potent combination **works on a cellular level, rejuvenating human skin from within.**



ECM regulates cell's dynamic behavior and facilitates the surrounding cells to repair and heal tissue.

# Studies Have Verified Effectiveness of Polynucleotides

## Proven to be Safe and Effective Treatment for Skin Rejuvenation

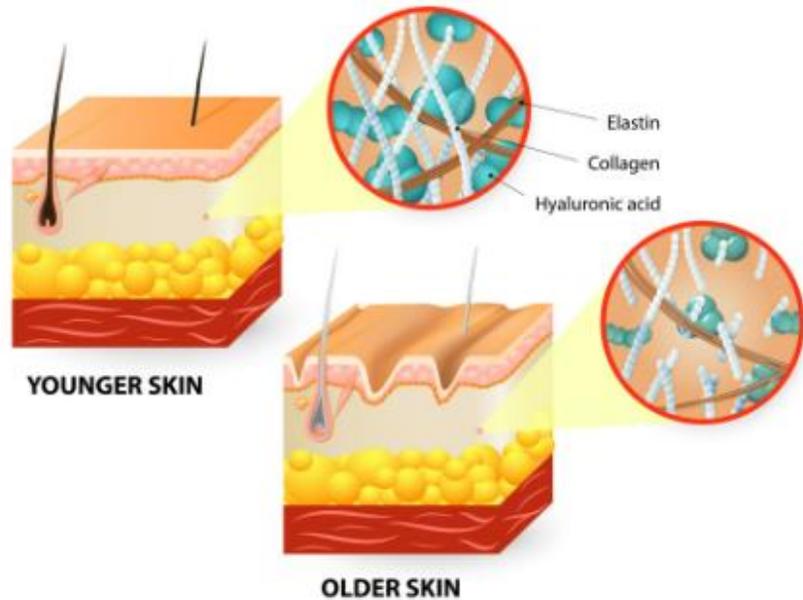
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### THERAPEUTIC HOTLINE

#### Long-chain polynucleotide filler for skin rejuvenation: efficacy and complications in five patients

KUI YOUNG PARK\*, JOON SEOK\*, NARK KYOUNG RHO†, BEOM JOON KIM\* & MYEUNG NAM KIM\*  
\*Departments of Dermatology, Chung-Ang University College of Medicine, Seoul, Korea and †Leaders Aesthetic Laser and Cosmetic Surgery Center, Seoul, Korea



**Abstract** Aging well has become the new target of preventative medicine, and aesthetic dermatology can contribute to this request. The polynucleotide (PN) containing products not only fill the space, but improve tissue regeneration, resulting in more natural tissue regeneration.

Polynucleotides are widely distributed in the human body and exist physiologically in the extracellular environment. They readily bind to water molecules and act as free radical scavengers. The nutritional effects of PN have been shown in multiple *in vitro* studies using human fibroblasts in primary cultures.

Five Korean women received four times injections of long-chain PN filler in two-week intervals for skin rejuvenation. About 0.05 mL of material was injected in 40 points of one-side cheek. The pore and skin thickness were markedly improved in the patients in their 30s, whereas skin tone, melanin, wrinkles, and sagging were noticeably improved for patients in their 40s. There are no serious side effects. The ability of PN to stimulate the secretion of collagen proteins and other proteins in the extracellular matrix has also been demonstrated. In conclusion, intradermal long-chain PN filler injection seems to be an effective and safe treatment for skin rejuvenation.

**Reference:**  
Park, K. Y., Seok, J., Rho, N. K., Kim, B. J. & Kim, M. N. Long-chain polynucleotide filler for skin rejuvenation: efficacy and complications in five patients. *Dermatol Ther* 29, 37-40, <https://doi.org/10.1111/dth.12299> (2016)

# 6 Unique Qualities that Makes RG PN the Right Choice

## Safe Unique Treatment for Fundamental Cell Regeneration



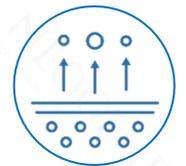
### Superior PN

Regenovue PN Superior to Products that include PDRN



### Unique Formula

PN Combined with Hyaluronic Acid for Regenovue PN's Unique Advantage



### Skin Regeneration

Synergy Effect Stimulating Fiber Growth and Promoting Skin Regeneration



### Thicker Skin

Excellent for Improving Skin Elasticity & Barrier



### Minimize Dark Circles

Restoring collagen and Elastin to eliminate dark circles under the eyes



### 3 in 1

Achieve all Advantages of Botox, Filler & Mesotherapy with One Formula



# Regenovue PN Superior to Products that include PDRN

## Polymer Structure Increases Skin's Inherent Healing Abilities

Compared to PDRN, PN has longer DNA structure which leads to the **fast and effective regeneration of damaged tissue.**

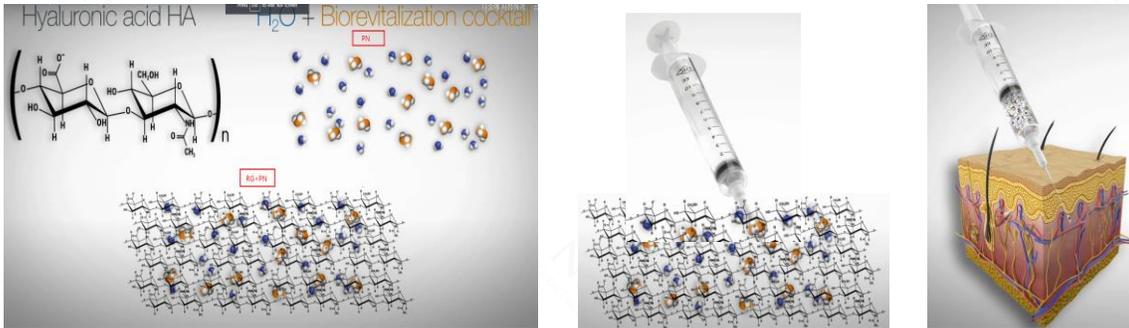
The PN included in Regenovue PN is much higher than PDRN in molecular weight, concentration, and DNA fraction size and therefore, **superior to products that include PDRN** as the main ingredient in skin regeneration.

<b>PDRN</b> (Polydeoxyribonucleotide)	Comparison	<b>PN</b> (Polynucleotide)
Short-Polymeric Molecules	Ingredient	<b>Long-Polymeric Molecules</b>
Average Molecular Weight 350 kDa	Molecule Size	<b>Average Molecular Weight 1000 kDa</b>
Anti-inflammatory effect Cell proliferation Extracellular matrix production Angiogenesis promotion	Function	<b>Includes all functions of PDRN</b>  <b>Absorbs moisture to improve skin texture, wrinkles, tone, and oil-water balance</b>  <b>Provides nucleotide and nucleoside for anti-aging and skin support</b>
Quick recovery of damaged tissue	Effect	<b>Repair and regenerate tissue to change skin fundamentals</b>

# “PN+HA” World’s Top-Performing Formula

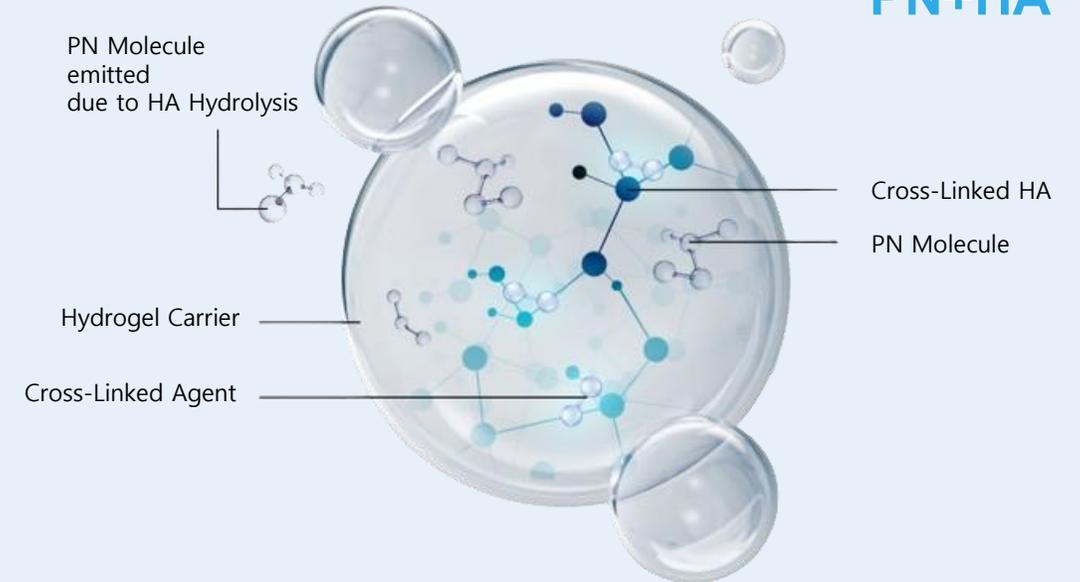
PN Combined with Hyaluronic Acid for Regenovue PN’s Unique Advantage

## Regenovue PN “PN+HA”



- ✓ Injection of ‘PN only’ to skin has **low transcellular permeability**.
- ✓ Regenovue PN uses **uniform micro particles**, and **HA works as the carrier of PN** to solve the absorption problem of conventional PDRN injections.
- ✓ **Higher biocompatibility** due to HA.
- ✓ As the HA is hydrolyzed, **PN is released gradually and is effective**.

## “PN+HA”



01

Higher cell permeability and absorption than PN(PDRN) standalone products

02

Spreads quickly and evenly throughout the treatment area with optimal viscosity

03

Fast recovery speed for quick return to daily life

# HA Boosts PN for activating self-regeneration

## Synergy Effect Stimulating Fiber Growth and Promoting Skin Regeneration



PN (Polynucleotide)

Skin regeneration



HA (Hyaluronic acid)

Skin hydration

HA is the key molecule involved in skin moisture in epidermis and dermis.

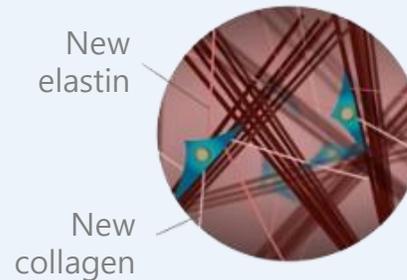
HA plays a role in **boosting the function of PN** for activating self-regeneration.

The combined components of HA + PN has a **synergy effect on stimulating fiber growth and promoting skin regeneration.**

Regenovie PN reinforce the dermis structure, by targeting the cellular dynamism and stimulating fibroblast biomechanical functions



Aging Skin



Young Skin

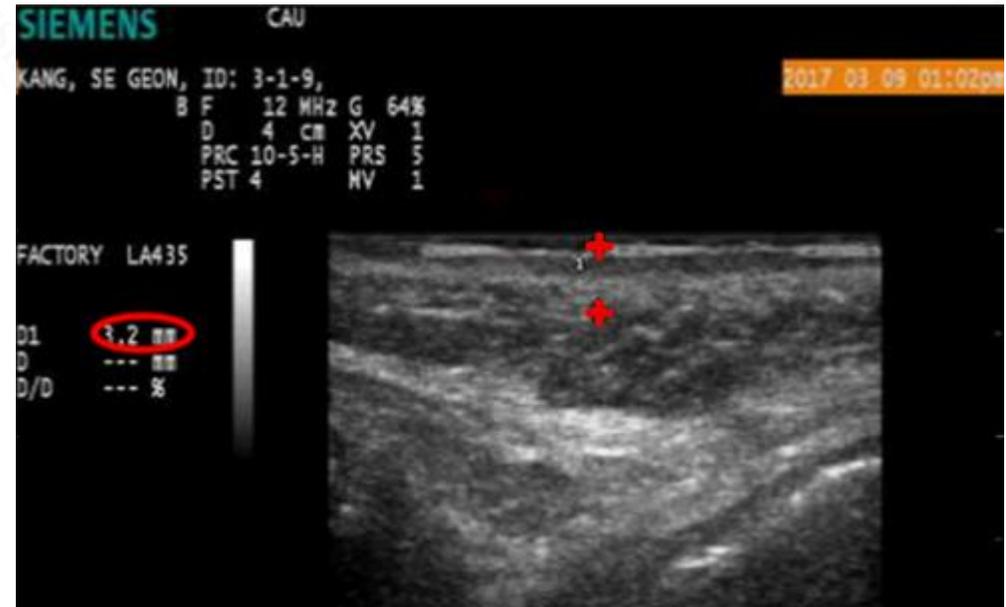
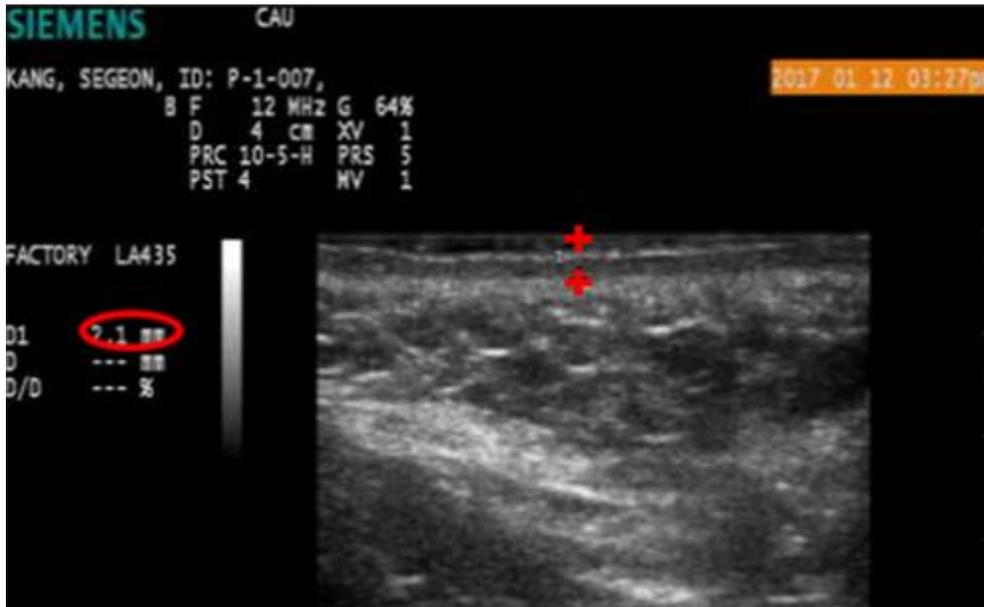
ECM Synthesis

Regenovie PN regeneration substance, **restores damaged skin** to healthy condition and **increased Skin Elasticity** through strengthening Epidermis and Dermis.

# Make Skin Barrier 1.5 Times More Rigid

Excellent for Improving Skin Elasticity & Barrier

A Noticeable Increase of Skin Thickness by 52%



Clinical trial results after three treatment sessions shows increasing in the skin thickness (2.1mm → 3.2mm).

Keeping the skin hydrated and preventing wrinkles from forming.

# PN – The Latest Eye Rejuvenation Treatment

Restoring collagen and Elastin to eliminate dark circles under the eyes

Regenovue PN can be used to rejuvenate the under eye area **by promoting collagen synthesis** and improving skin texture and elasticity. When Regenovue PN is injected into the under eye area, it can help to fill in hollows or shadows and **reduce the appearance of fine lines and wrinkles.**

The procedure involves injecting small amounts of PN along the tear trough, which is the area between the lower eyelid and the cheek. This can help to **fill in hollows** and **create a more youthful and rested appearance.**

PN are proving to be an effective and **popular choice** for those looking to **rejuvenate the skin around their eyes.** By stimulating collagen production and improving skin elasticity, polynucleotides can **reduce the appearance of fine lines, wrinkles, and puffiness.**

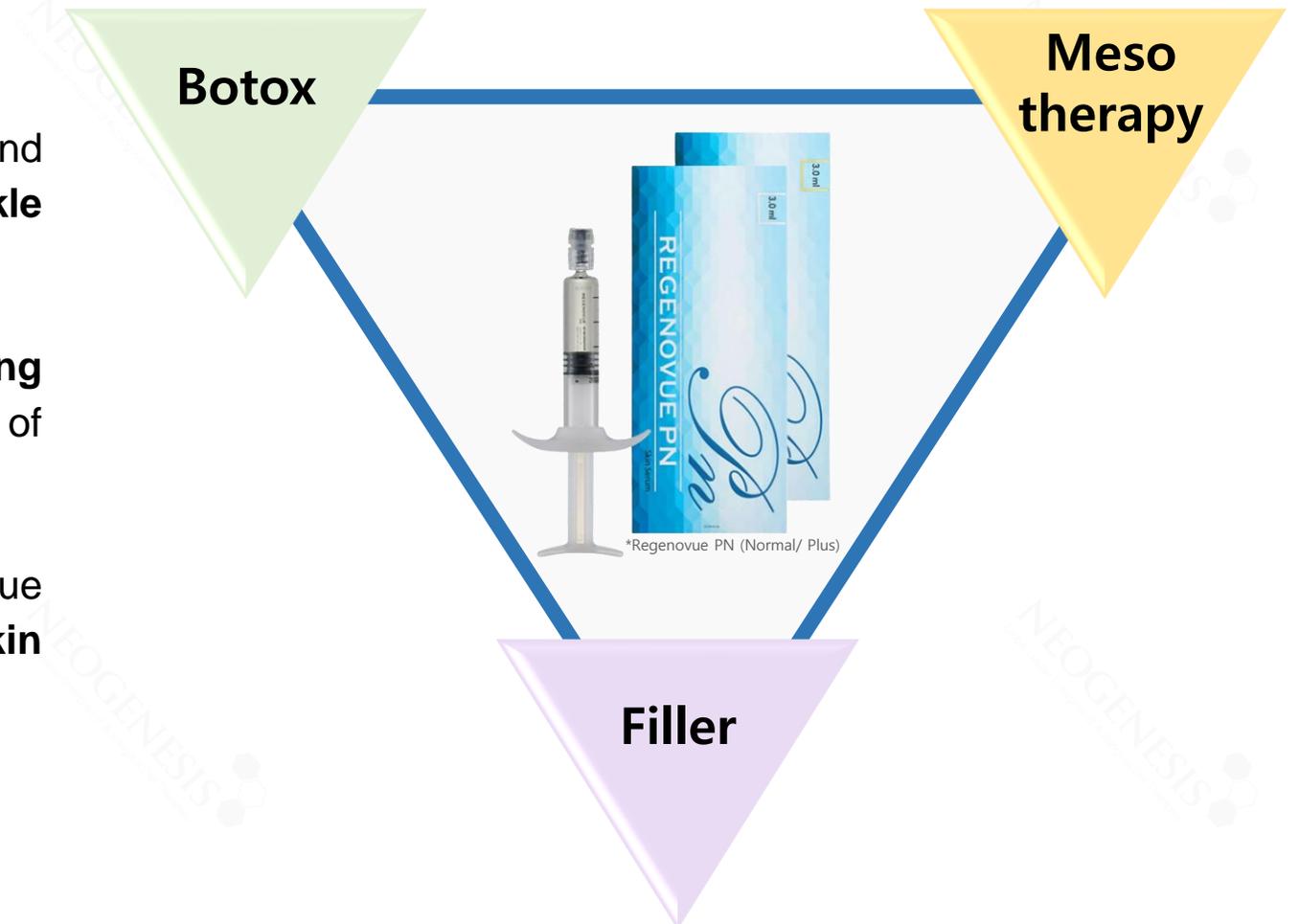
## Revitalized and Brighter Eye Contour



# Replace 3 major cosmetic treatments with 1

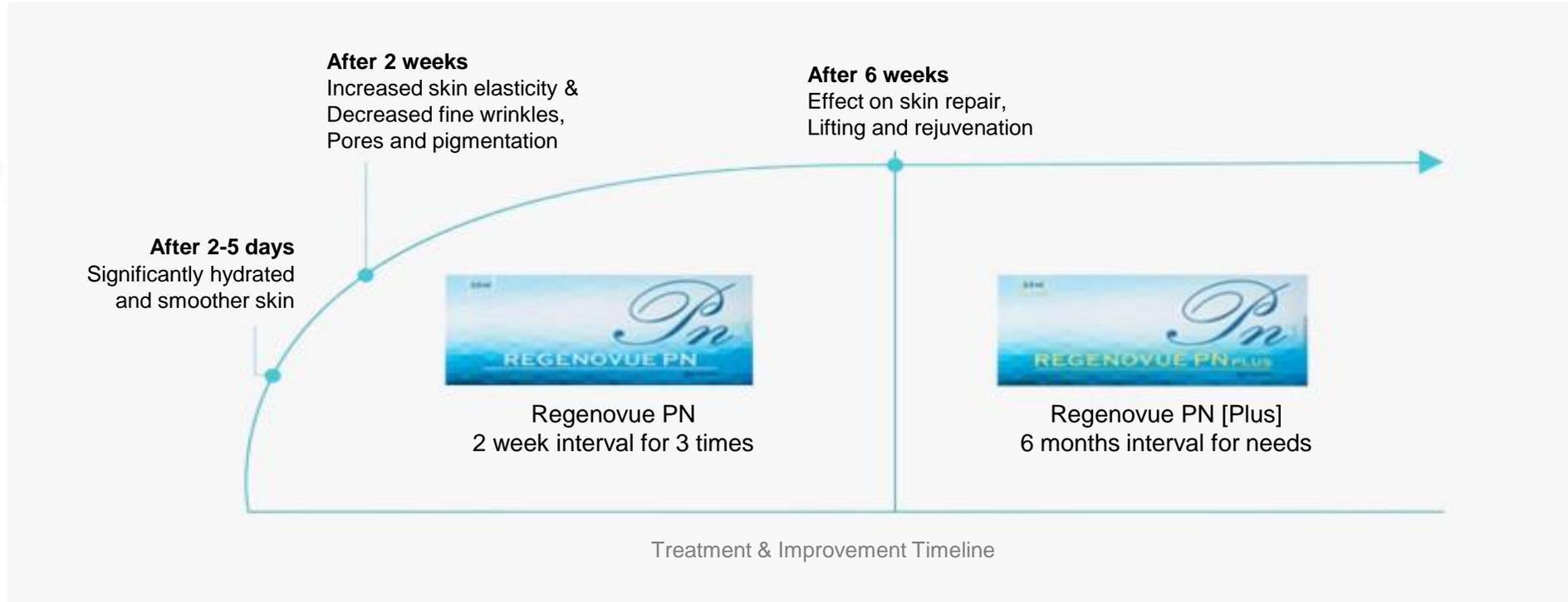
Achieve all Advantages of Botox, Filler & Mesotherapy with One Formula

- ▼ **Botox:** Regenovue PN stimulates Collagen and Elastin synthesis, **leading to fine wrinkle improvement.**
- ▼ **Filler:** Regenovue PN provides **volumizing effect** as well as wound healing by stimulation of fiber elasticity.
- ▼ **Mesotherapy:** Combining with HA, Regenovue PN highly **increases skin hydration. +52% skin thickness.**



# Superior Effect when Used after the Normal Version

## PN for Repair, PN Plus for Longevity



Regenovue PN can be selected from **two models, normal and plus**, depending on the purpose, effect, and interval of the treatment.

The normal model is suitable for showing **fast effects**, while the plus model has its HA partially cross-linked for **long lasting effects**.

Regenovue PN [Plus] version has a unique formula of partially **cross-linked HA + PN**, where PN, the main ingredient, is delivered deep into the dermis as the HA unlinks over a long period of time.

# Applicable on the Face and Body

All areas that Need Skin Regeneration can be treated

Regenovue PN is a hypoallergenic anti-aging injection that shows faster effects without pain and side effects.

Regenovue PN works to improve skin texture and hydration around the mouth, chin, and lower cheek.

Regenovue PN can also be used to treat periocular area, neck, décolleté and hands with qualified personnel.



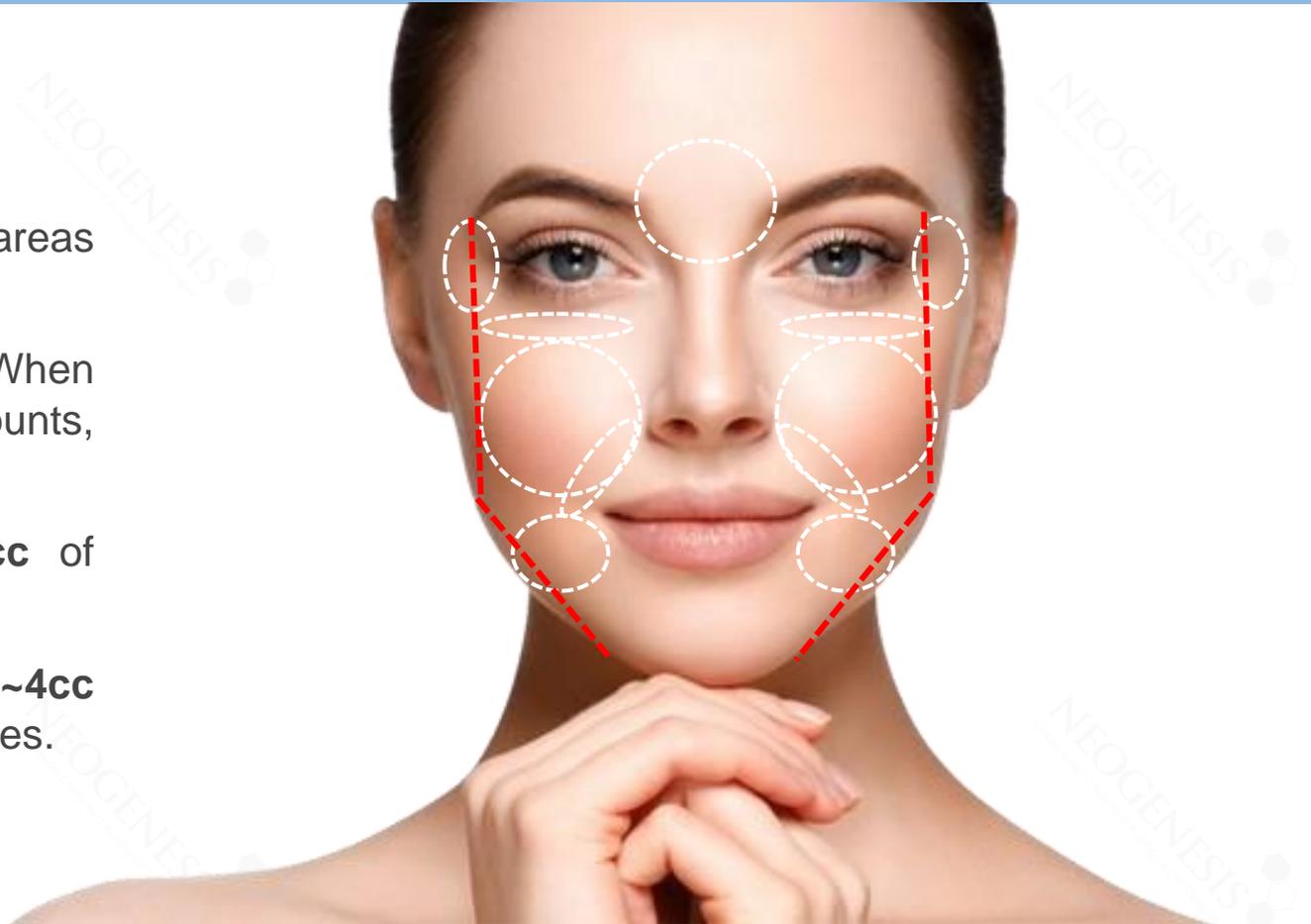
# Minimally invasive process carefully injected into targeted areas

Regenovue PN injection can be injected in areas shown in the image.

For session, **2cc** of injection is recommended. When used locally in small areas and with smaller amounts, it is said to be less effective.

When injected in the forehead as well , **3cc** of injection is recommended for each session.

It can also be used for neck wrinkles, for which **2~4cc** is injected evenly in the areas between the wrinkles.



# 6 Rules for Maximized Results

Accelerate the Healing Process for the Best Regenovue PN Result

1

Avoid strenuous exercise for 24 hours



2

Avoid consuming excess amounts of alcohol or salts to avoid excess swelling.



3

Avoid Saunas, Steam rooms or heat for 72 hours.



4

Apply a minimum of SPF15 sunblock, and avoid exposure to the sun.



5

Use ice packs or hydrating face masks like Beta Mask to soothe the skin and reduce swelling



6

Do not press hard or rub the injected area.



# Significant Changes on Skin Tone and Texture

## Confirmed Elasticity and Brightening

Since it regenerates the skin cells themselves, it is very effective for treating acne scars and tightening the pores in the skin. Making the skin tone brighter and texture smoother.



# Significant Changes on Skin Condition and Acne Scars

Promotes tissue restoration, reconstruction and improvement of scar appearance

Acne scar improvement by allowing fibroblasts to stimulate production of collagen



# Smoothing of Tech-Neck Lines and saggy neck

Filled in Neck Wrinkles and Lifted Skin in the Neck Area

Lines and wrinkles on the neck are visibly smoother and shallower



# Miracle of One Syringe - Ultimate Total Care Solution

	Regenovue PN	Regenovue PN Plus
<b>Composition</b>	Non cross-linked HA 20mg + PN 5mg	Cross-linked HA 15mg + PN 5mg
<b>Cross-liked</b>	X	O
<b>Depth</b>	Superficial layer or epidermis / dermis	
<b>Volume</b>	3cc syringe * 1ea / box	
<b>No. of Treatment</b>	At least 2 times for 1 month	At least 3 times for 2 months
	Adjust the number of treatments according to the patient's condition	
<b>Duration</b>	Over 3 month	Over 6 month
<b>Effects</b>	Moisturizing Rejuvenation Shining	Moisturizing Rejuvenation Elasticity Improvement of fine wrinkles

# Choose your Skin Booster Now!

Regenovue Aqua Shine Series more focused on Skin Hydration



## Regenovue Aqua Shine Series

Intensive Hydration Booster with the purest  
Quality of Hyaluronic Acid

- ✓ Elasticity Enhancement & Anti-Aging
- ✓ Deep hydration
- ✓ Tone Improvement
- ✓ Skin Waste Excretion
- ✓ Replenish Moisture & Smoothen Skin

# Get Ready with Neo-Cain & Neo-Pro Cream

Globally Used Lidocaine and Prilocaine Without Side-Effects



## Neo-Cain Cream

High-quality anesthetic cream with 10.56% lidocaine

- ✓ Quick & powerful effects
- ✓ Made in strict GMP facilities in South Korea
- ✓ Competitive price



## Neo-Pro Cream

Exceptional numbing with fine emulsion of 5% lido-prilocaine

- ✓ Stronger and safer effects
- ✓ Remarkable dermal protection
- ✓ Especially suitable for patients with sensitive skin

# Amplify the Effect with Beta Serum & Mask

Highest Quality Beta-Glucan Provides Outstanding Skin Rejuvenation Effects



## Beta Serum

Maximize the effects of Spotless treatment

- ✓ Skin hydration
- ✓ Rejuvenation
- ✓ Collagen synthesis

## Beta Mask

Experience professional post-treatment care

- ✓ Cell regeneration
- ✓ Excellent aftercare
- ✓ Outstanding recovery effects

# Regenovue PN

## Healing the Skin from Within



**Address:** #307, Think Factory Bldg. C, 150 Yeongdeungpo-ro  
Yeongdeungpo-gu, Seoul, South Korea (07255)  
**Tel:** +82-2-583-1348 **Fax:** +82-2-2038-0848  
**Email:** [info@neogenesis.co.kr](mailto:info@neogenesis.co.kr)  
**Website:** [www.neogenesis.co.kr](http://www.neogenesis.co.kr)