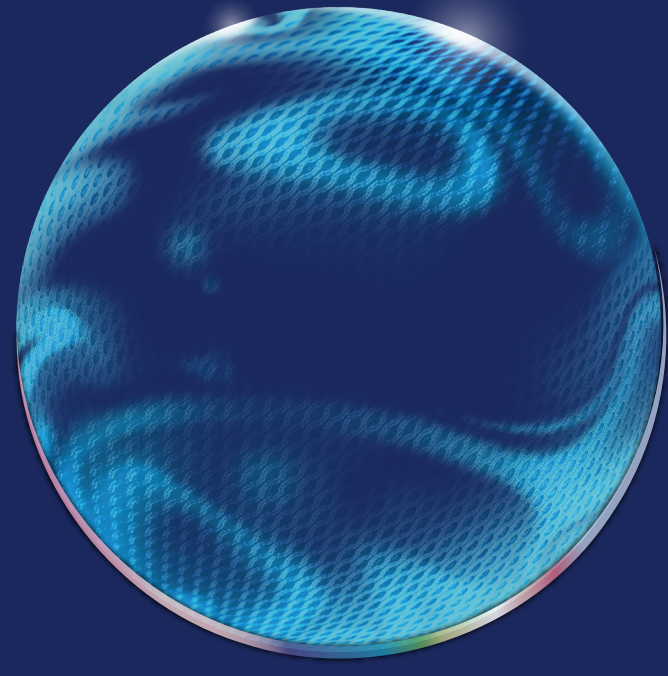


AETER™

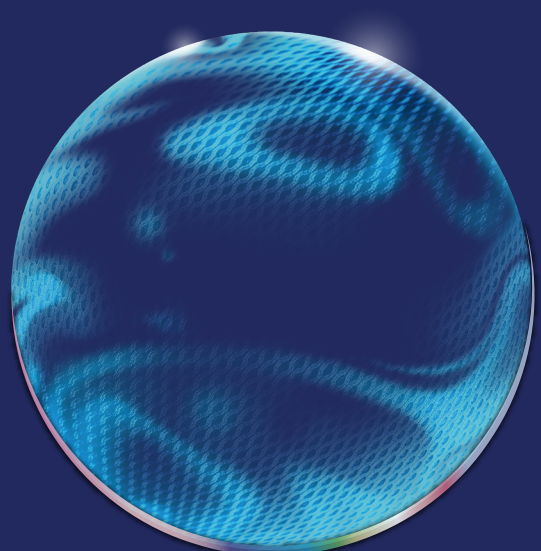
FDA
CPNP



AETER™ PURI EYES
—
AETER™ PURI EYES PDRN PATCH



Language EN

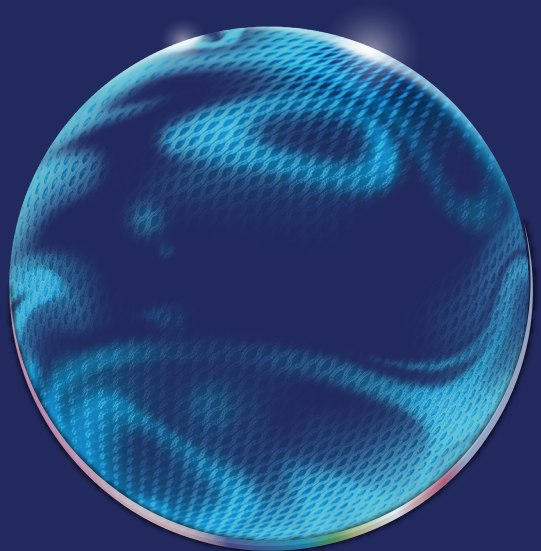


AETER™

PURRIEYES

PDRN

PATCH



AETER™

PURRIEYES

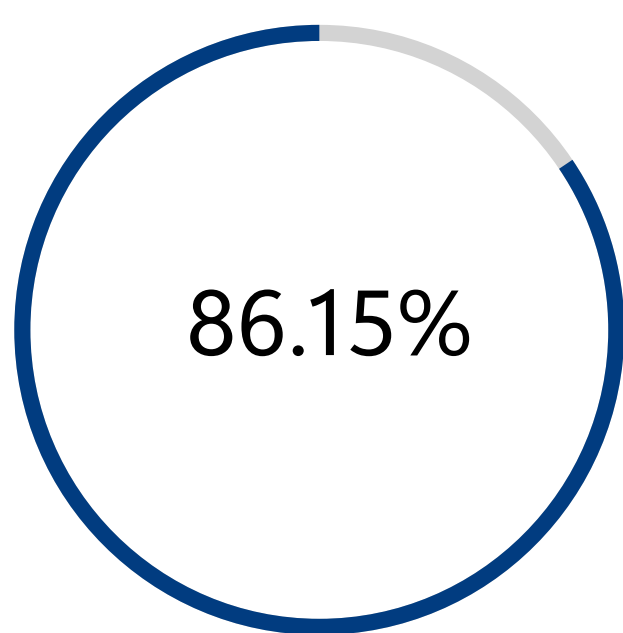
A close-up, vertical photograph of a woman's face. Her eyes are a striking light blue-green color, looking directly at the camera. Her skin is fair and appears to have a fine, dewy texture, with numerous small water droplets scattered across her forehead, nose, and cheeks. Her hair is dark and wavy, also glistening with water droplets. The lighting is soft and directional, highlighting the contours of her face and the individual droplets. The overall mood is fresh and hydrated.

**ELASTICITY
MAKES EYES**

WEDERM
ALL ABOUT DERMA



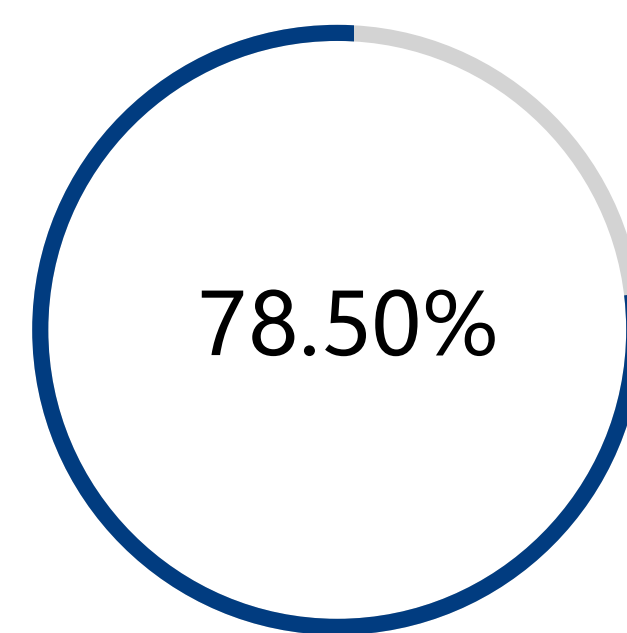
Check Elasticity with numbers



RECOVERY

Dermal cell wounds were closed more than 86%

- Wrinkle Reduction
- Skin Rejuvenation
- Skin Tone & Density



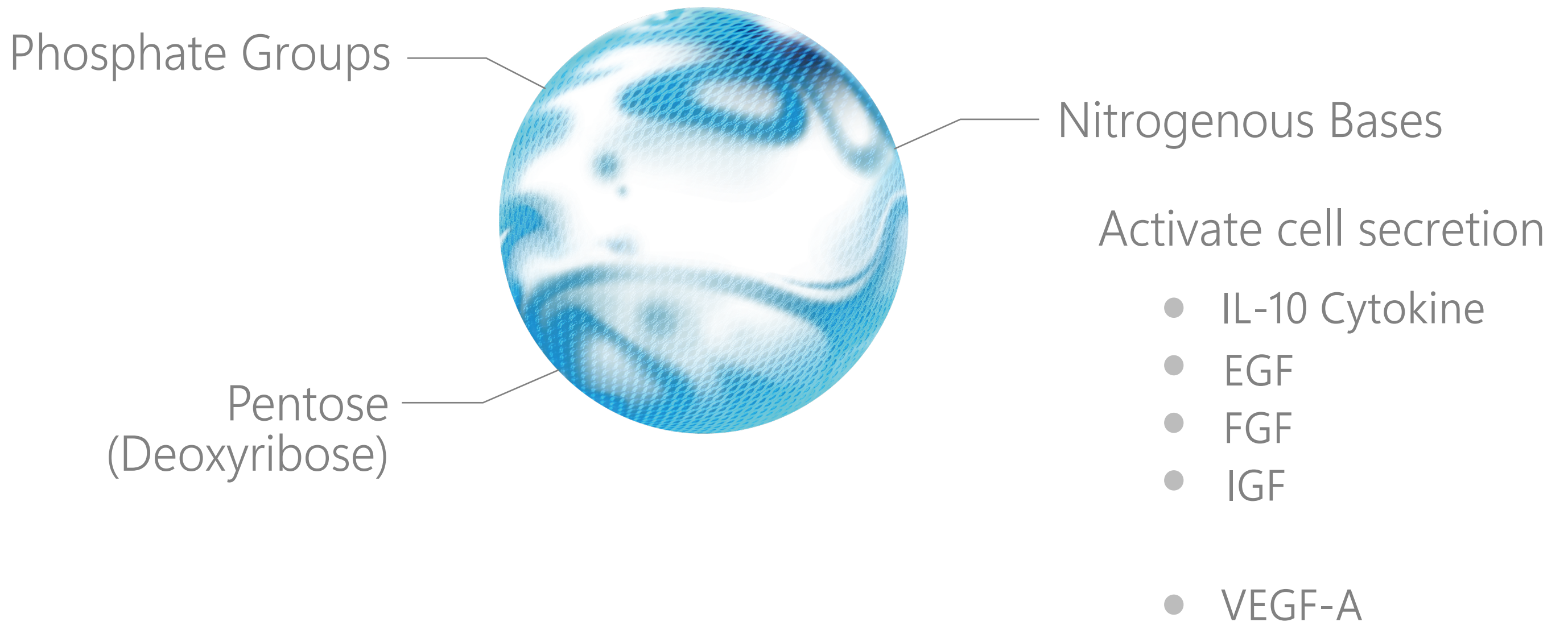
LIFTING

Lifting effect by improving density by dermal cell proliferation

- Skin Moisturizing
- Pore Tightening
- Skin Elasticity Improvement

Approach skin as a Cure not a beauty

PN DNA polymer



Medical grade Polynucleotide(PN) stimulates wound recovery by boosting the growth rate of fibroblasts. It also promotes the synthesis of collagen and elastin to increase the density and thickness of the skin dermis.

Safe & Stability

AETERTM PURI EYES uses only certified medical grade PN that have achieved high results in CoA analysis.

AETERTM PURI EYES is also produced in sterilized facilities that are GMP and ISO certified.



hhtl
BIOTECHNOLOGY

CERTIFICATE OF ANALYSIS N° 230533 Batch N° APH11206A

PRODUCT NAME: PN (raw material)
POLYNUCLEOTIDES (sodium salt, high molecular weight)
Extraction from salmon milt
Suitable for medical device

MANUFACTURER NAME: HTL - Z.I. de l'Assommoir - 85133 JAVENE - France - Phone + 33 (0) 20 99 99 37 37

Manufacturing date: March 2023
Expiry date: March 2025

Concentration: The product should be stored at + 5°C ± 5°C, in its original packaging, well closed.
Reference: Current European Pharmacopoeia and Technical file (CI-FRO-047)

Characteristics	SOP	SPECIFICATIONS (TDS, PN, APH, Kovax, YG)	RESULTS
Aspect / Description	Visual	White or almost white thick sprayable solids to handle in water, insoluble in ethanol.	Complete
Stability	Visual		Complete
Identification			
Phosphorus (2.1.8)	CHLAB-027	Positive	Positive
Deoxyribose	CHLAB-125	Positive	Positive
Purified bases (Adenine-Guanine) & pyrimidine bases (Cytosine-Thymine) (2.2.28)	CHLAB-080	Positive	Positive
Sulfate (2.2.12)	CHLAB-075	Positive	Positive
Tests			
Appearance of solution in 1.0% (w/v) in water	CHLAB-003	Clear	Complete
Absorbance at 260 nm of the 1% solution (2.2.23)	CHLAB-010	A ₂₆₀ = 0.010	1.6
Absorbance ratio 260 nm/280 nm (2.2.25)	CHLAB-010	1.8 to 2.0	1.8
pH (1% aqueous solution) (2.2.8)	CHLAB-009	5.0 to 6.0	6.5
Protein (2.2.2)	CHLAB-111	≤ 0.5%	0.5%
Size Exclusion Chromatography (2.2.38)	CHLAB-116	Profile complete	Profile complete
Loss on drying (2.1.1)	CHLAB-001	Not less than 1000 mg	1000 mg
Residual endotoxin (2.6.14.0)	CHLAB-001	≤ 20 EU	8.94 EU/mg
Microbiological quality - Number of viable aerobic microorganisms (2.6.12)	CHLAB-006	≤ 100 CFU/g	< 4 CFU/g
- Bacteria (Total aerobic microbial count - TAMC)	CHLAB-004	≤ 10 ⁴ CFU/g	< 4 CFU/g
- Yeast and Mould (Total microbial yeast count - TMYC)		≤ 10 ³ CFU/g	< 4 CFU/g
Quantitative Determination			
- Phosphate content (2.1.12)	CHLAB-017	8.0 to 9.5 % in dried product	8.4 %
Scientific data (*)			
- Nitroxylate acid	CHLAB-015	≤ 1.2 ppm	Complete
- Nitrite reductase coefficient (2.2.25)	CHLAB-011	0.000 to 0.020	Complete
- Hypochlorite (2.2.24)	CHLAB-016	≤ 0.5 ppm	Complete
- Sulfate (2.1.1) - ICP-MS	CHLAB-114 (Spectrometry)	3.8 to 7.5 %	Complete
- Calcium (2.2.16) - ICP-MS	CHLAB-114 (Spectrometry)	≤ 500 ppm	Complete
- Magnesium (2.2.16) - ICP-MS	CHLAB-114 (Spectrometry)	≤ 500 ppm	Complete
- Chloride (2.1.1)	CHLAB-017	≤ 0.5 %	Complete
- Sodium (2.1.1)	CHLAB-002	≤ 0.5 %	Complete
- Nitrogen content (2.3.9)	CHLAB-008	13.0 to 14.0% on dried product	Complete
Elemental impurities - Class 1 (2.2.38) - ICP-MS	CHLAB-114 (Spectrometry)	Identification according to ICH Q3D Elemental Impurities, September 2013	
- Arsenic		≤ 1.5 ppm	Complete
- Cadmium		≤ 0.2 ppm	Complete
- Mercury		≤ 0.3 ppm	Complete
- Lead		≤ 0.5 ppm	Complete
- Nickel		≤ 0.5 ppm	Complete
- Residual solvent (2.2.24) - Ethanol	CHLAB-012	≤ 80 ppm (system 2a)	Complete
- Residual solvent (2.2.24) - Methanol	CHLAB-003	≤ 500 ppm	Complete
- Residual heavy metal (2.2.26)			
- As		0.04 to 1.0	Complete
- Cd		0.01 to 1.0	Complete
- Cr (VI)		0.01 to 1.0	Complete
- Pb		0.01 to 1.0	Complete
- Urea/Nitrogen		Complete (≤ 2%)	Complete

Accepted: N. NIFERT Date: 26/05/23
Manager: E. DURAR Date: 26/05/23
Compliance Officer: M.A. FLOUHI Date: 26/05/23
Date: 26/05/23
Time: POUH
Time: 6h AR

(*) Test performed on a non-representative basis, according to an annual plan
Any correspondence must be under the responsibility of this author. The reproduction of this report is authorized only under its complete scope.

Page 1/1

Tel: +33 (0) 20 99 37 37 HHTL 7 rue André Paulmier - 29 000 Plouzanne SAS au capital de 10 325 411 - SIRET 350 103 585 00010
www.hhtltech.com 85133 JAVENE - FRANCE RCS RENNES 0 - TVA FR2820 503665

Certificate of analysis (CoA)
(HTL Biotechnology, Medical grade)

AETER™
PURI EYES PDRN PATCH

for use with AETER™ PURI EYES



Your eyes express you the most
But they have the thinnest skin on your face
So they are the first to wrinkle

Give strength to your tired skin
Skin remembers your care

PURI EYES PDRN PATCH

Effects Collaboration
Soothes Irritated Skin
After PURI EYES Treatment



Natural plant-based polymers



MFDS dual-functional patch certification



Temperature-responsive gel particles

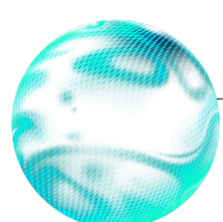
Dedicated prescription ingredient

for PURI EYES treatment aftercare



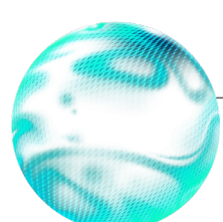
PDRN

Tissue regeneration ingredient with the same properties as PURI EYES PN



HA

Intradermal moisturizing



Collagen

Elasticity improvement



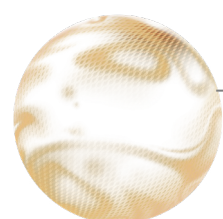
Allantoin

Moisturizing & Soothing



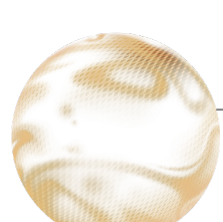
Coral

Balances oil & moisture, Relieves troubles



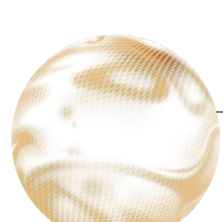
Niacinamide

Skin whitening



Adenosine

Anti-wrinkle



Tocopheryl-Acetate

Antioxidant

Tissue Repair Biomaterials

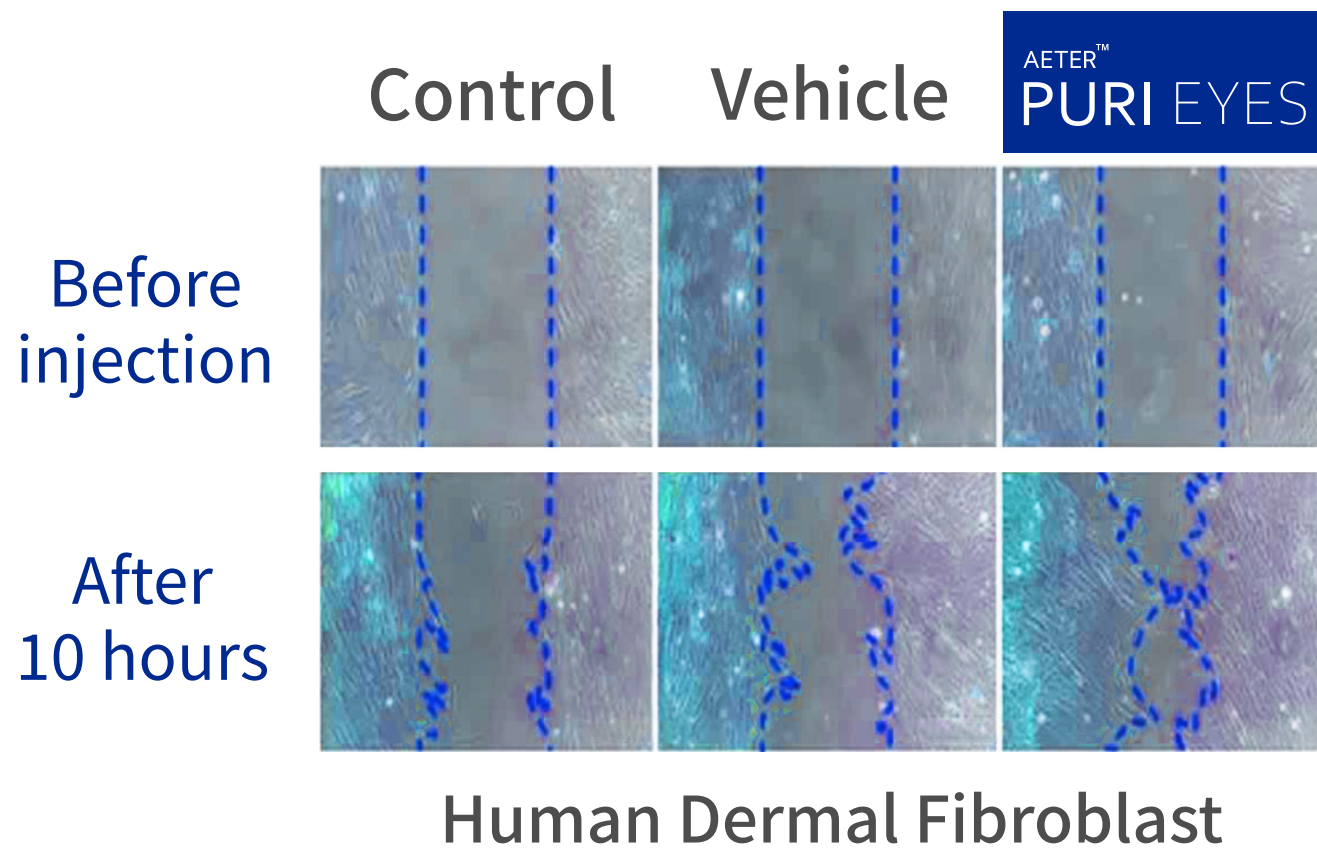
Hydration & Soothing

Functional Ingredients

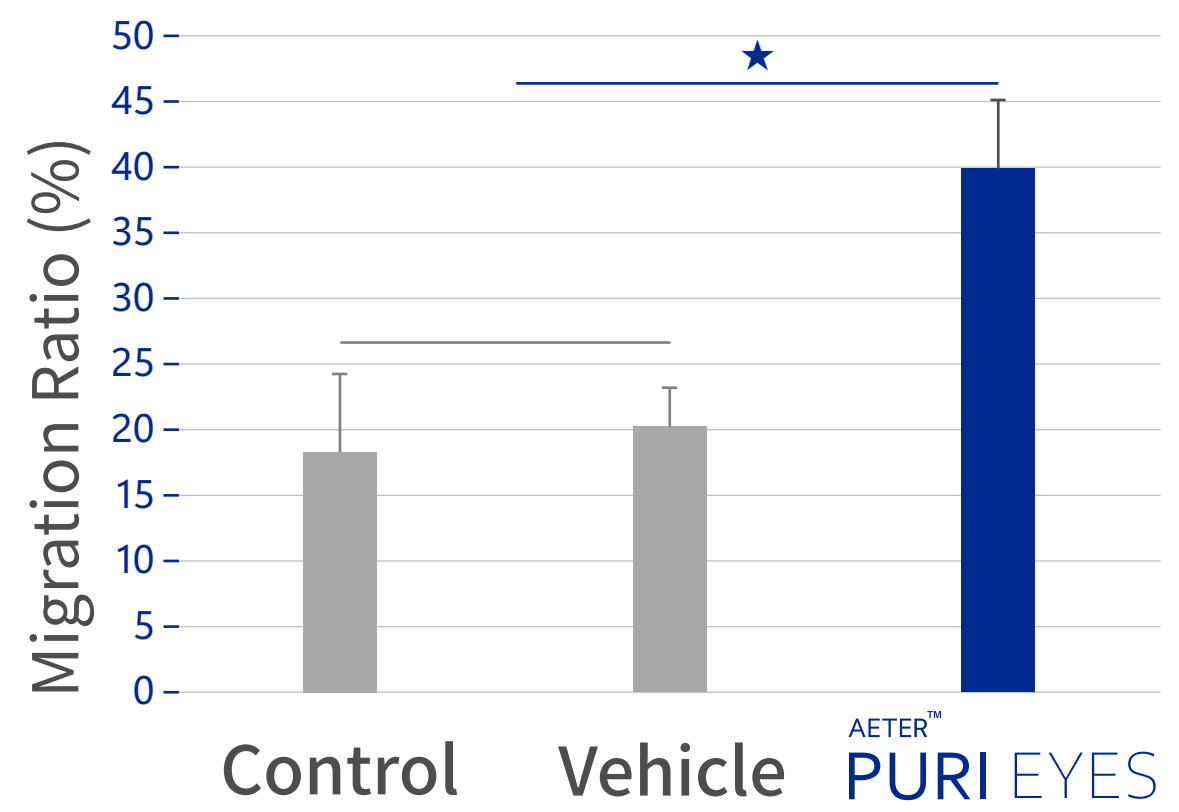
Before & After

Cell Migration Scratch Test

AETER™ PURI EYES



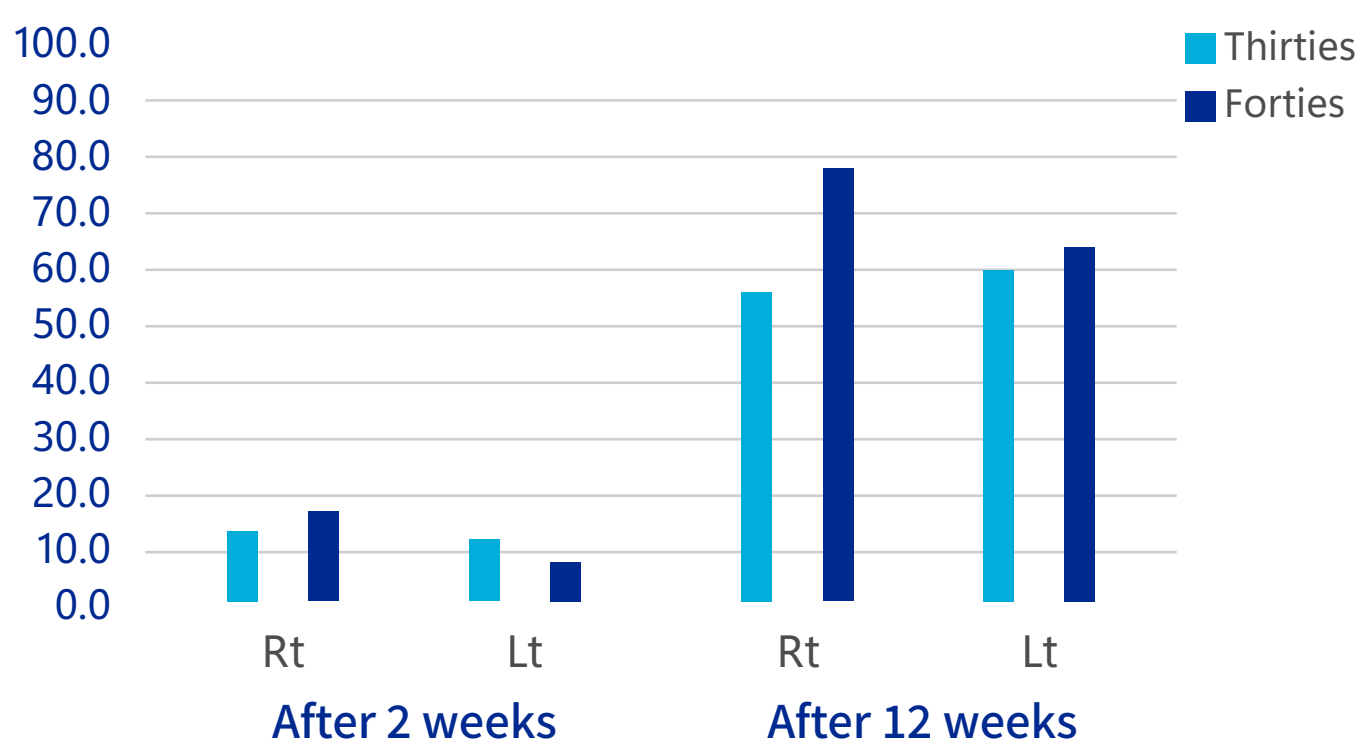
Sci Rep 2020:(10)



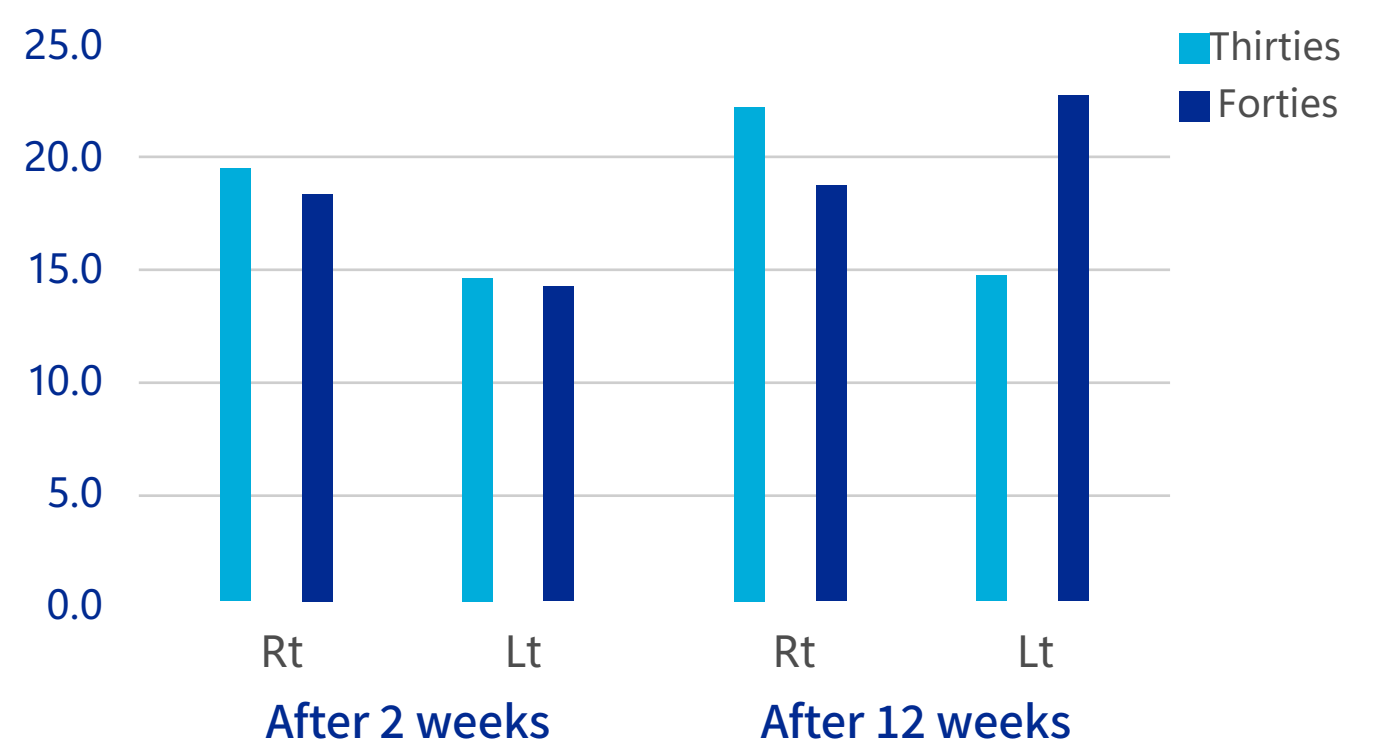
References) Sci Rep 2020:(10)

Improvement Dead Skin Cells & Moisture

Skin Dead Cells Improvement (% , mean)



Skin Moisture Improvement (% , mean)

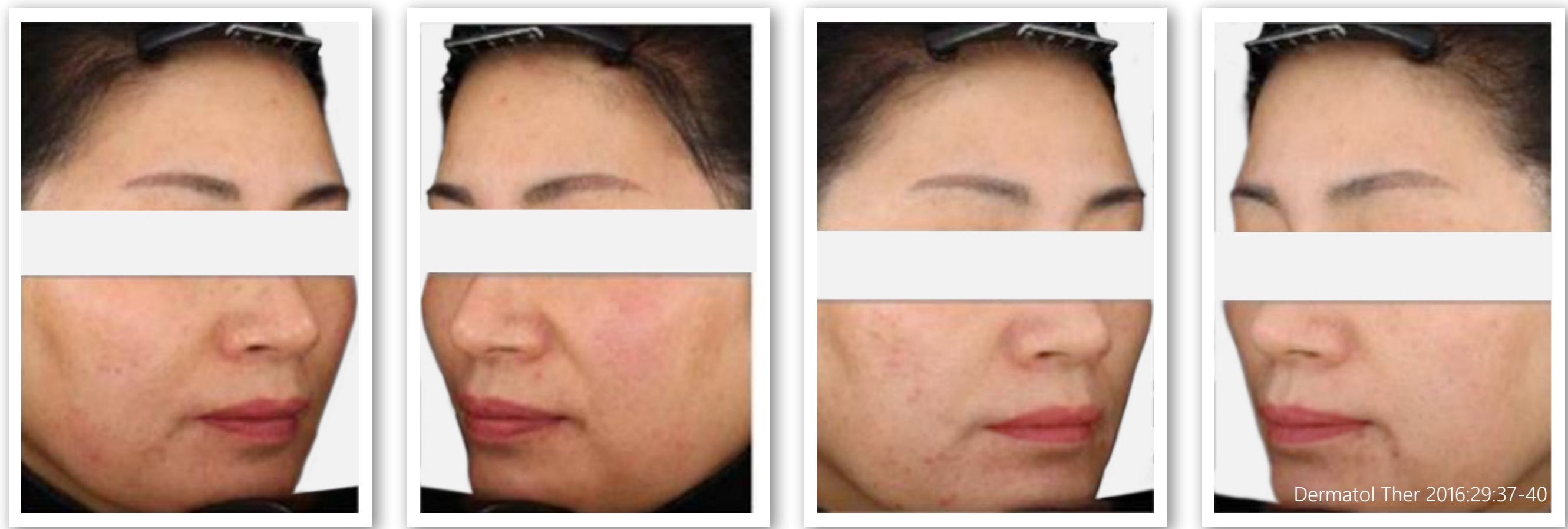


References) Dermatol Ther 2016:29:37-40

Brightening & Texture Improvement

Before Treatment

12 Weeks After Treatment



Right side

Left side

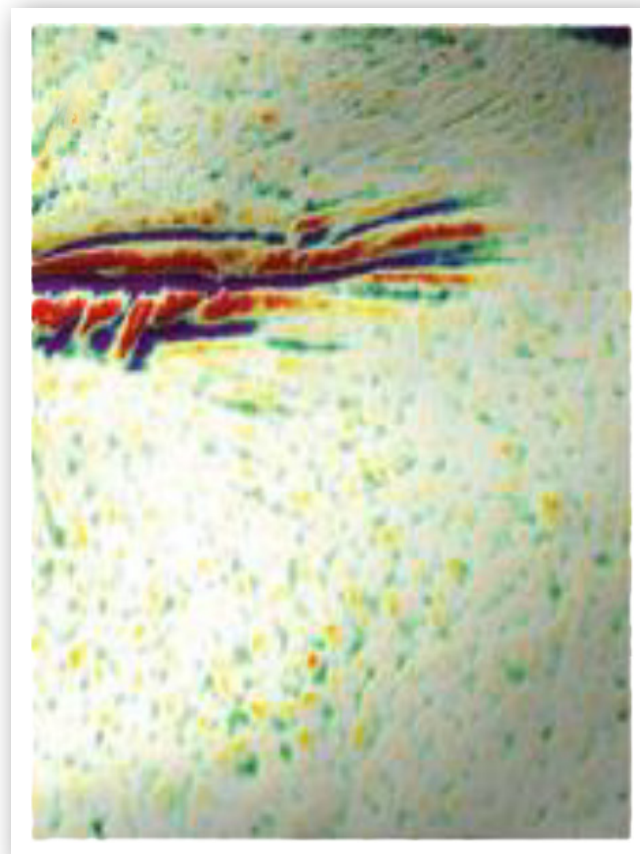
Right side

Left side

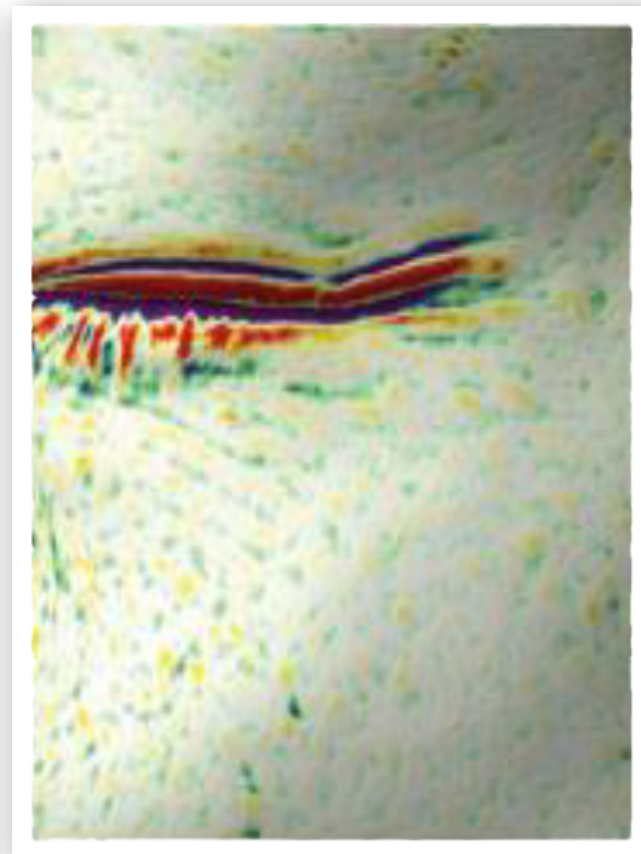
References) Improvement of skin tone 12 weeks after injection photographed by VISIA-CR
 Clinical trials by Dermatol Ther 2016:29:37-40

Roughness & Pore Volume

Roughness



baseline

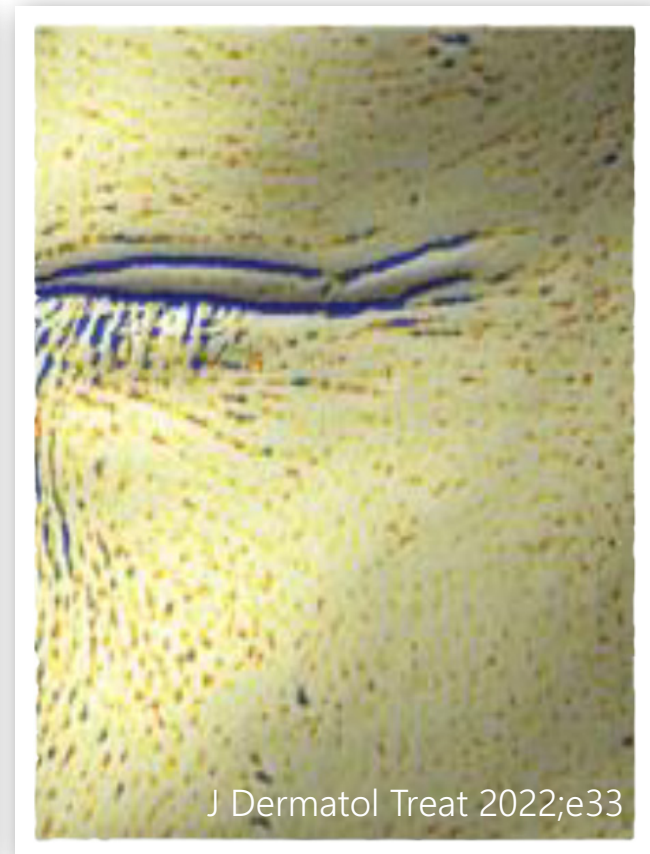


16 week after

Pore Volume



baseline

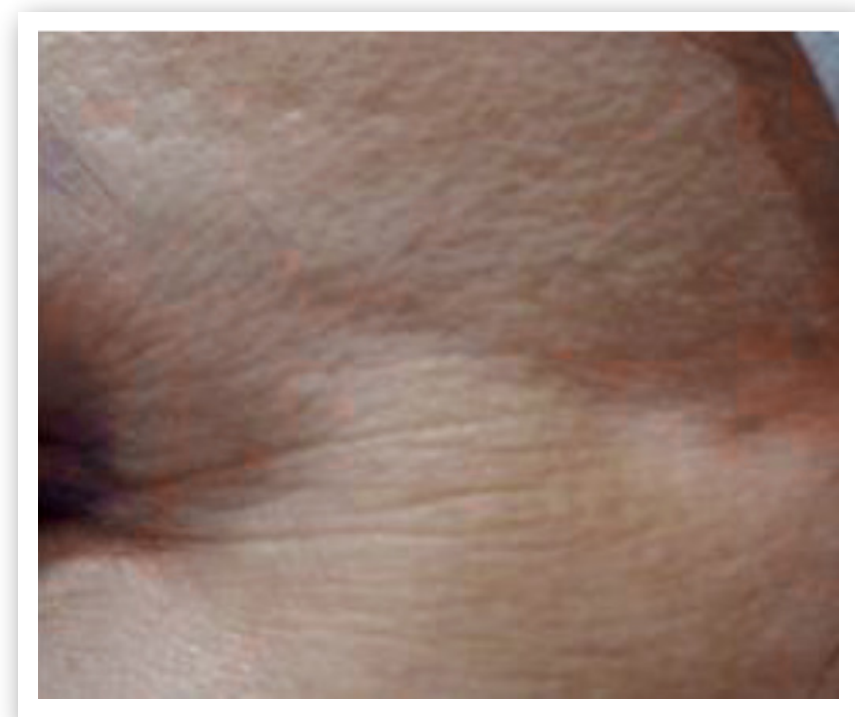
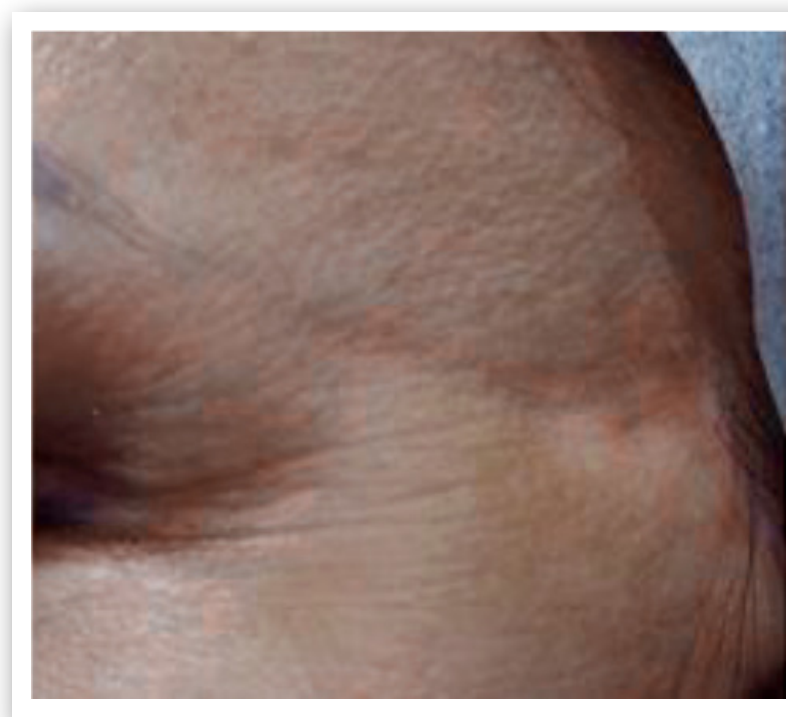


16 week after

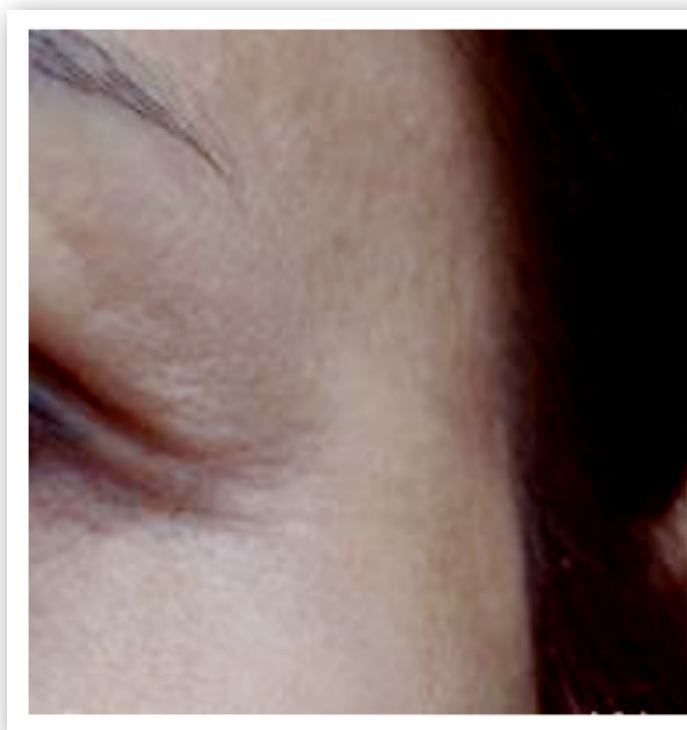
References) J Dermatol Treat 2022:e33

Tissue Regeneration

Before Treatment



2 Months After Sixth Treatment



Pitted Scars Regeneration

Before Treatment



Frontal



Lateral

2 Months After Four Treatments.



Frontal



Lateral

References) Skin Res Technol 2023:29(8): e13439.

AETER

PURI EYES



USAGE GUIDE

STEP 1. AETER™ PURI EYES

Treatment Process



Recommended Needle

32G 4.0mm Meso needles

Needle Insertion Angle

∠10°~15° Intradermal

Injection Detail

0.02 ~ 0.035cc per one point

making little embossing

6~8mm interval

15 ~ 30 points per one eye area

1. Wash the patient's face thoroughly.
2. Apply Lidocaine cream to the treatment area first. After being anesthetized, wipe clean.
3. Disinfect the treatment area with Alcohol swabs.
4. Let open the patient's eyes, relax, and try not to squint.
5. Deposit the material around the treatment area as delicately and gently as possible to reduce the chances of bruising and swelling.
6. Gently massage the area later and ask the patient to gently massage the treatment area as well for a couple of days to spread the product out.

STEP 2. AETER™ PURI EYES PDRN PATCH

After Care



1. Disinfect the treated area by gently wiping it with alcohol swabs.
2. Gently attach the pre-cooled AETER™ PURI EYES PDRN PATCH to the treatment area.
3. After 20 minutes, remove the patch and gently massage the remaining essence to be absorbed.
4. Ask the patient to use AETER™ PURI EYES PDRN PATCH for 2~3 days after treatment .



Post-Treatment Result

PURI EYES

Smoother skin texture
Clearer complexion
Better oil balance

Increased skin elasticity
Improvement of wrinkles
Pore reduction

Improved overall skin condition
Skin looks noticeably healthier
Skin looks brighter, and firmer

1 Phase
~1 Weeks

2 Phase
After 2-4 Weeks

3 Phase
1 Month Later~

PURI EYES PDRN PATCH

PDRN heals wounds quickly
HA & Collagen supplementation
Soothes hot skin
Relieves dryness caused by treatment

Reinforcement of broken barrier
Soothes persistent skin heat
PDRN quickly restores skin tissue

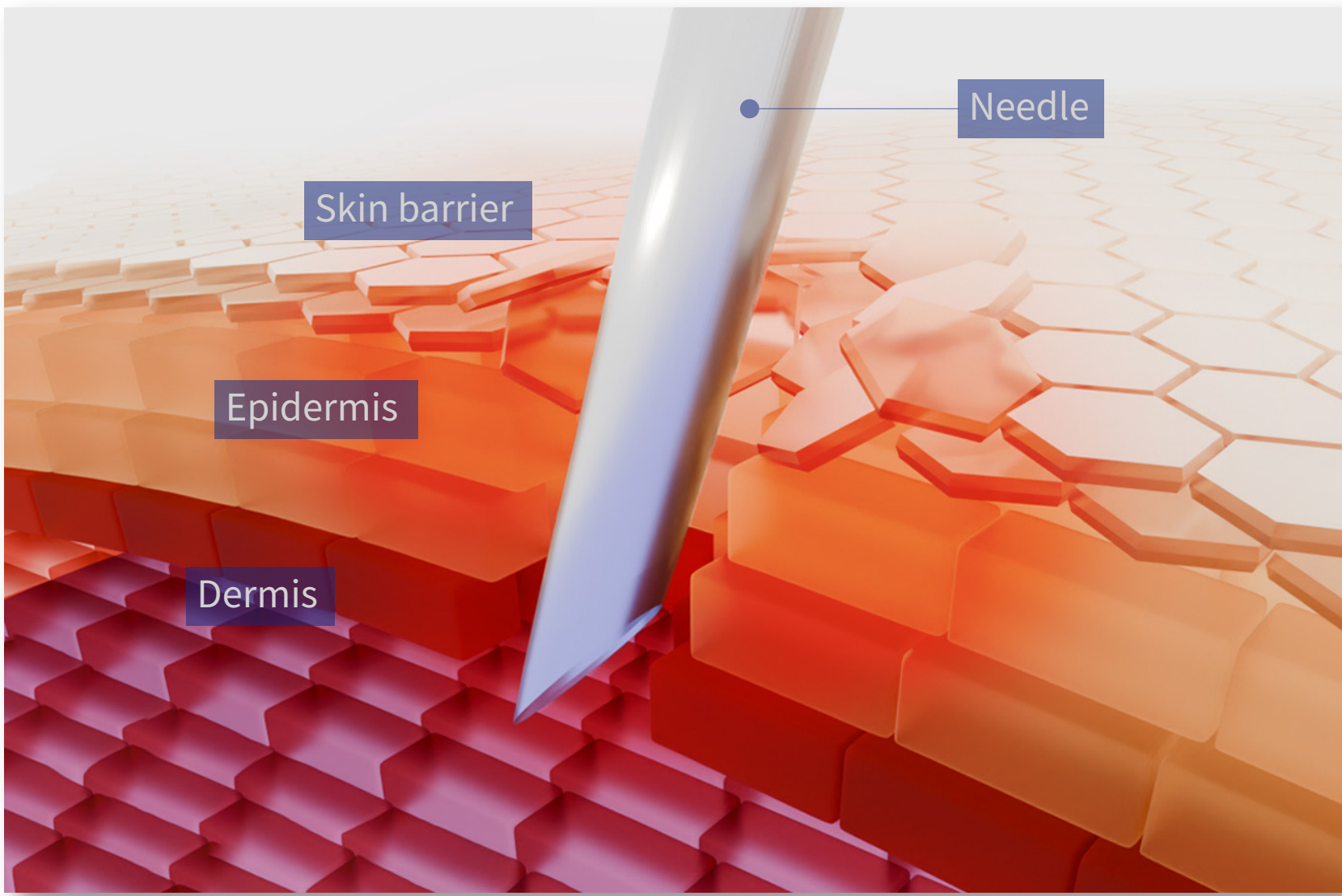
Prevents melanin pigmentation
Skin whitening and moisturizing



AETERTM

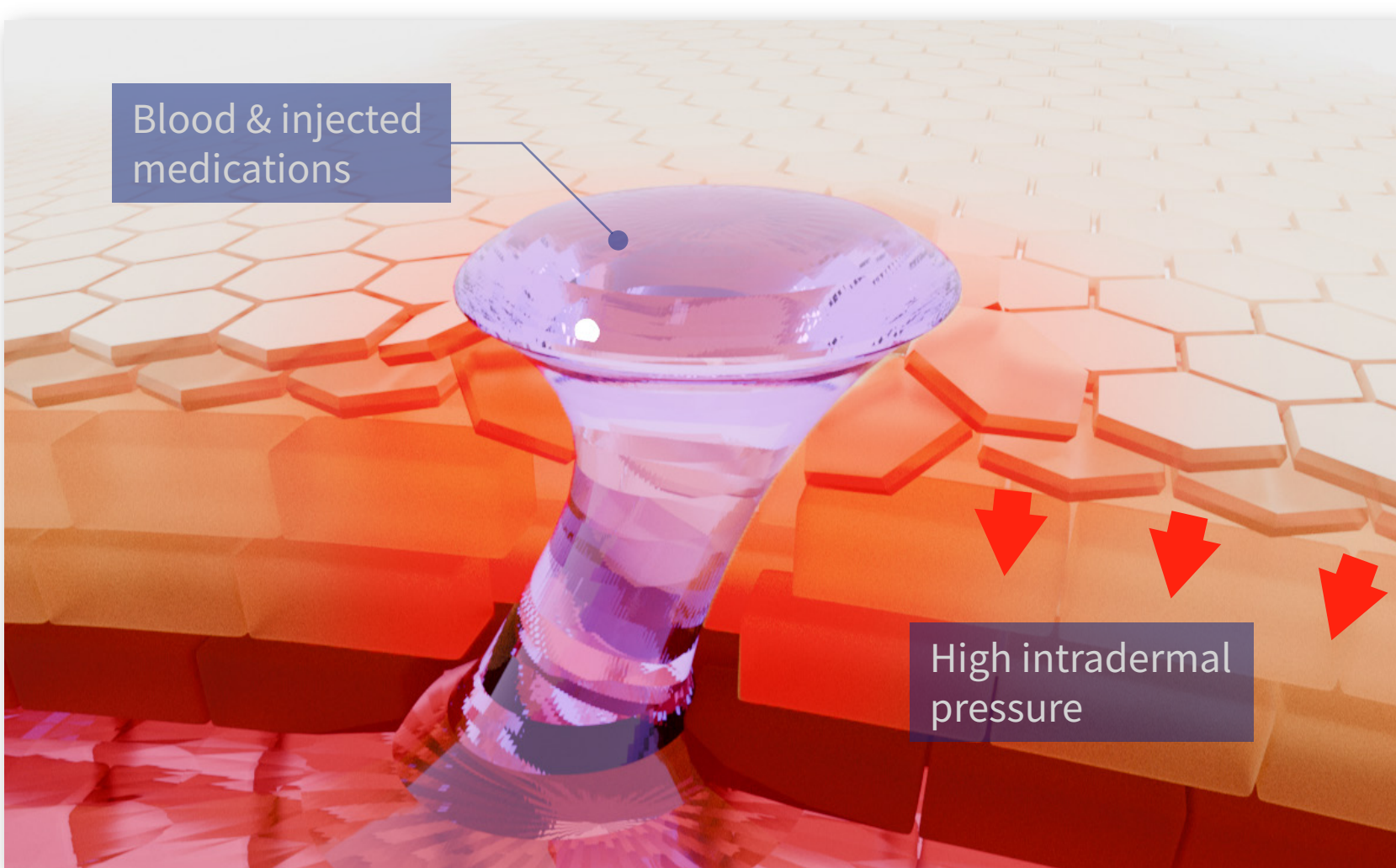
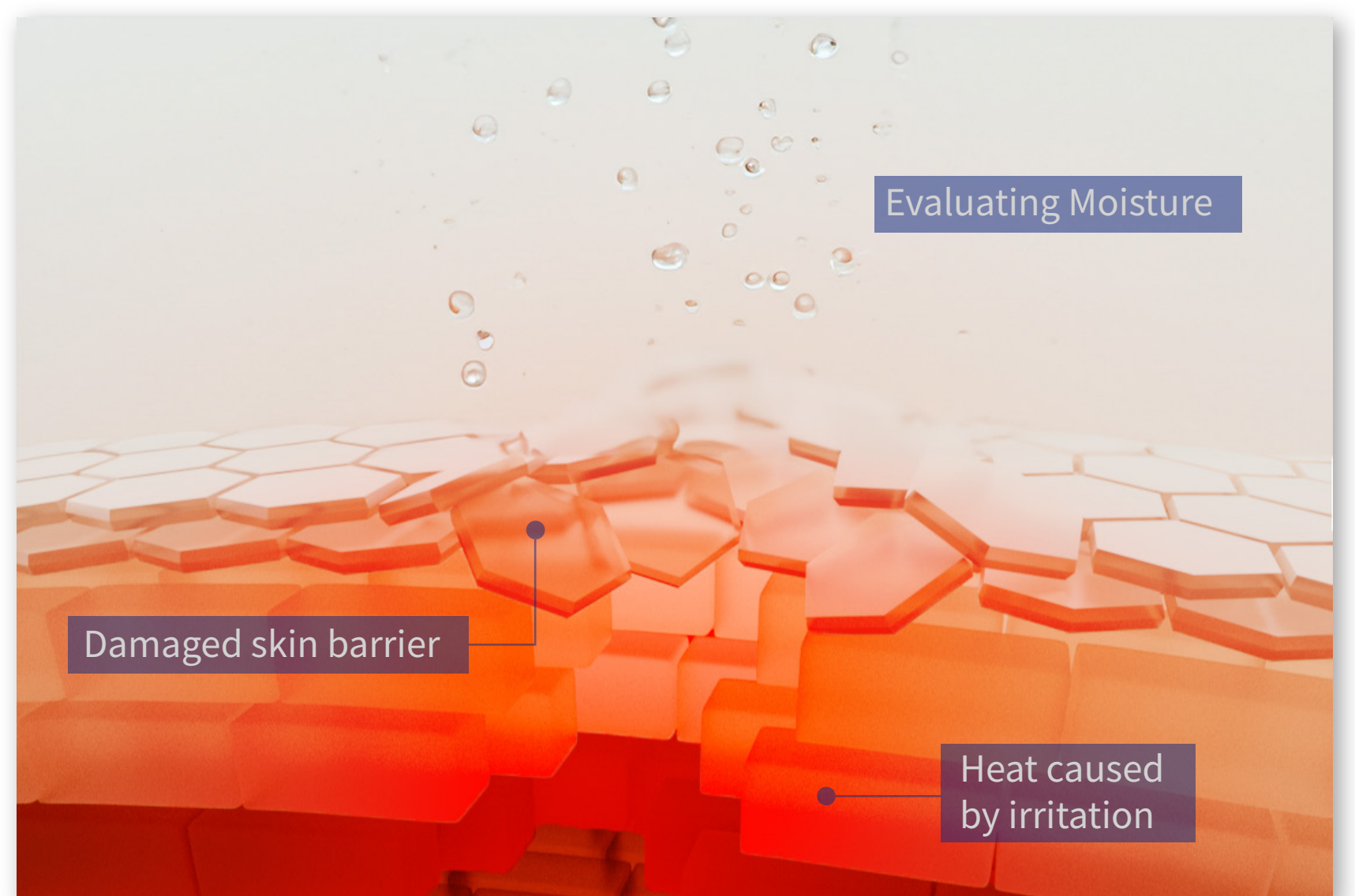
COMMON SIDE EFFECTS OF INJECTION

Procedures that directly inject effective ingredients into the skin cause many skin irritations and side effects.



When the needle enters the skin, it causes strong irritation to the epidermis and dermis.

Heat caused by irritation
Evaporation and skin dryness due to heat
Broken skin barrier



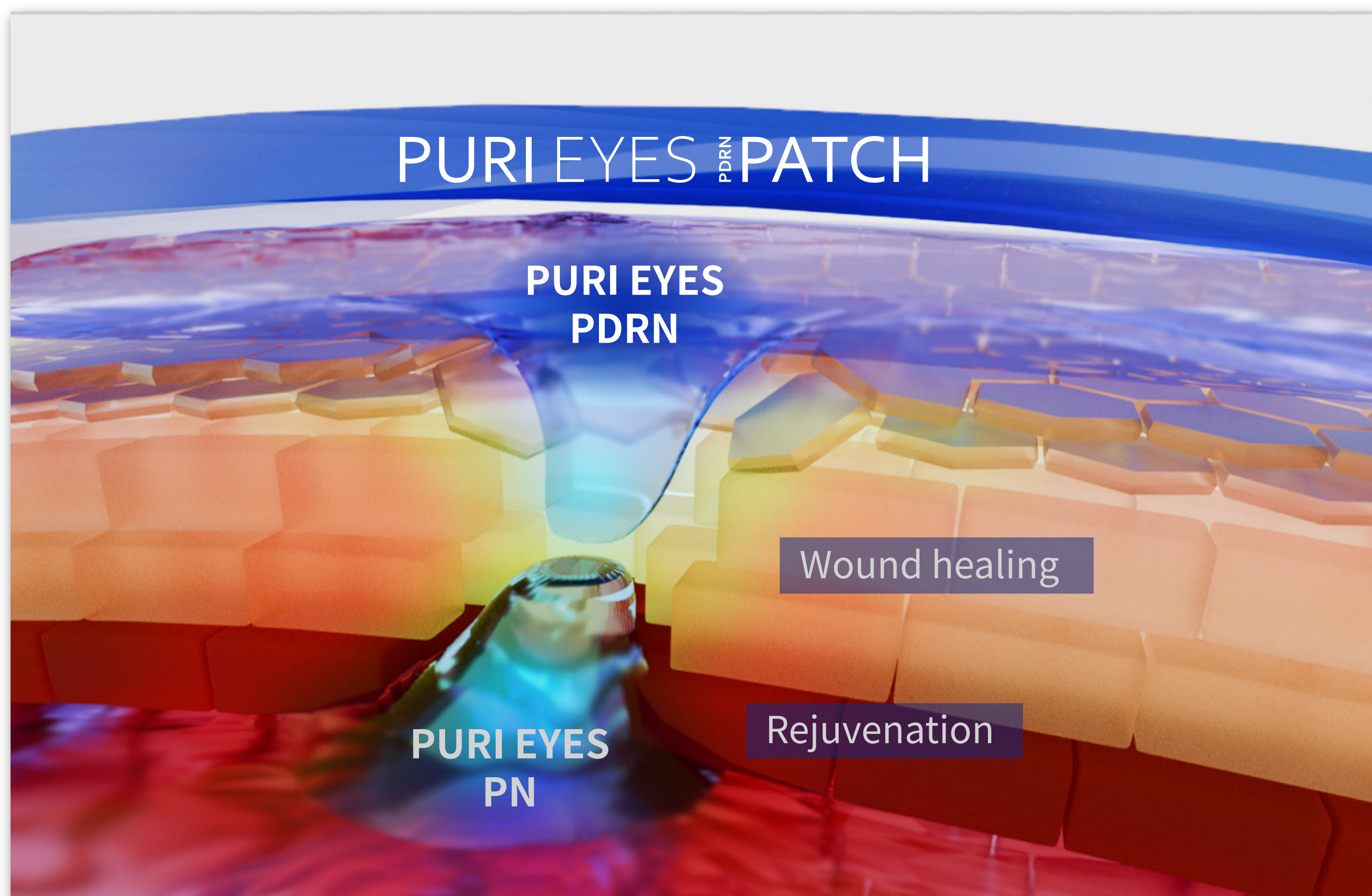
Medication leakage along with blood due to high intradermal pressure and small unhealed injection hole

AETER PURI EYES PDRN PATCH

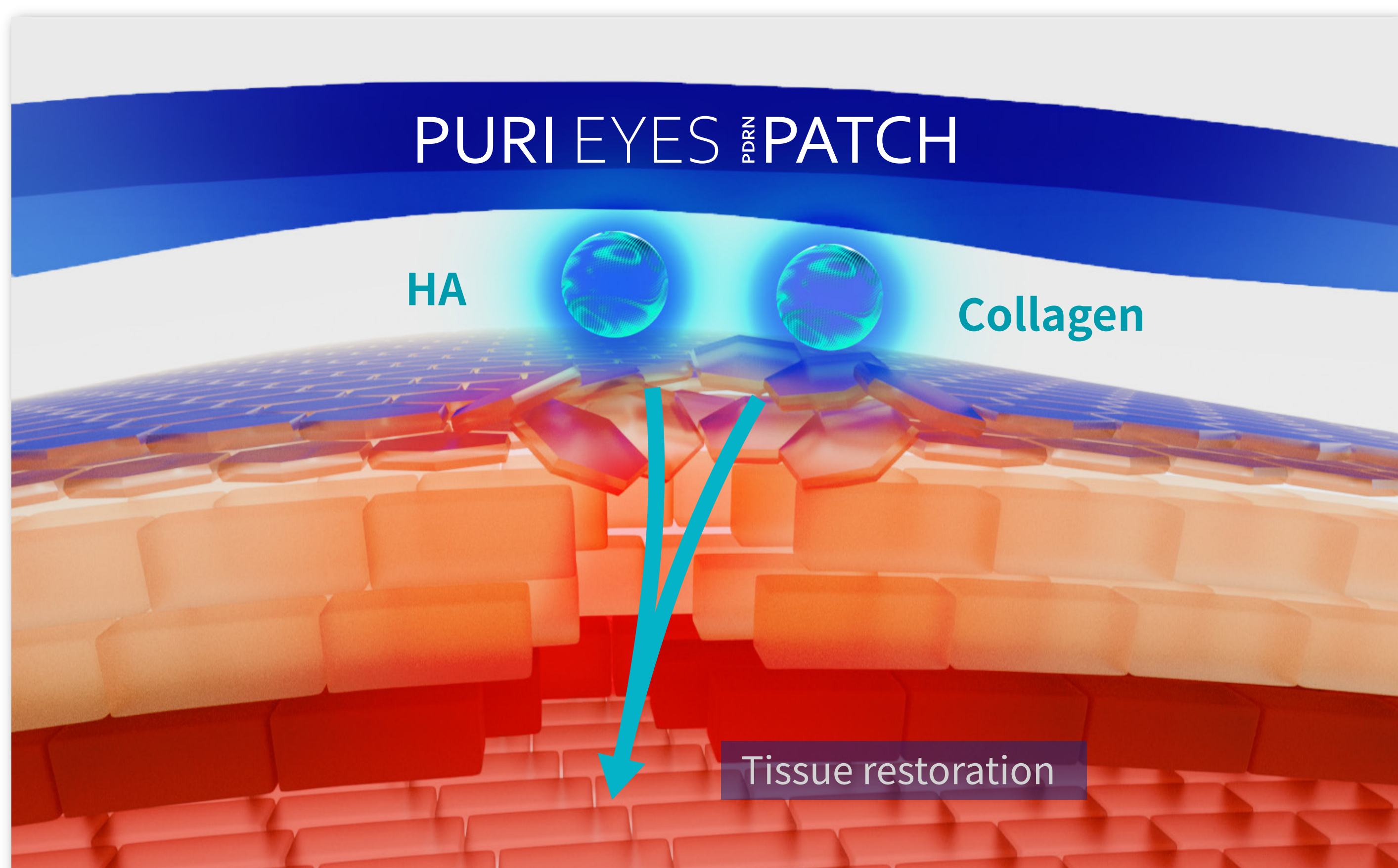
is an aftercare patch product created to improve the chronic problems of dermal injection procedures and quickly soothe irritated skin.

COMBINED ACTION

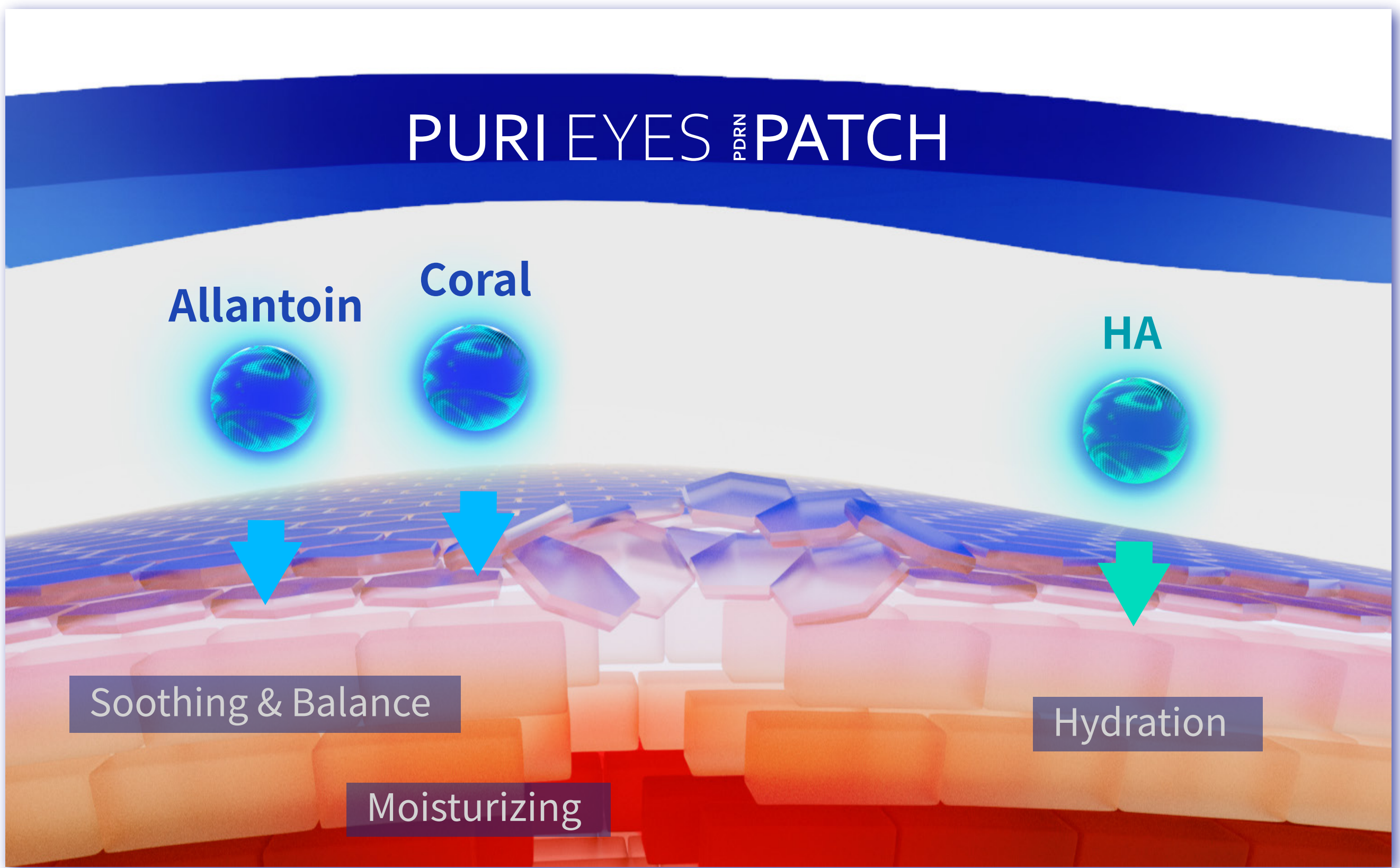
of PURI EYES & PURI EYES PDRN PATCH



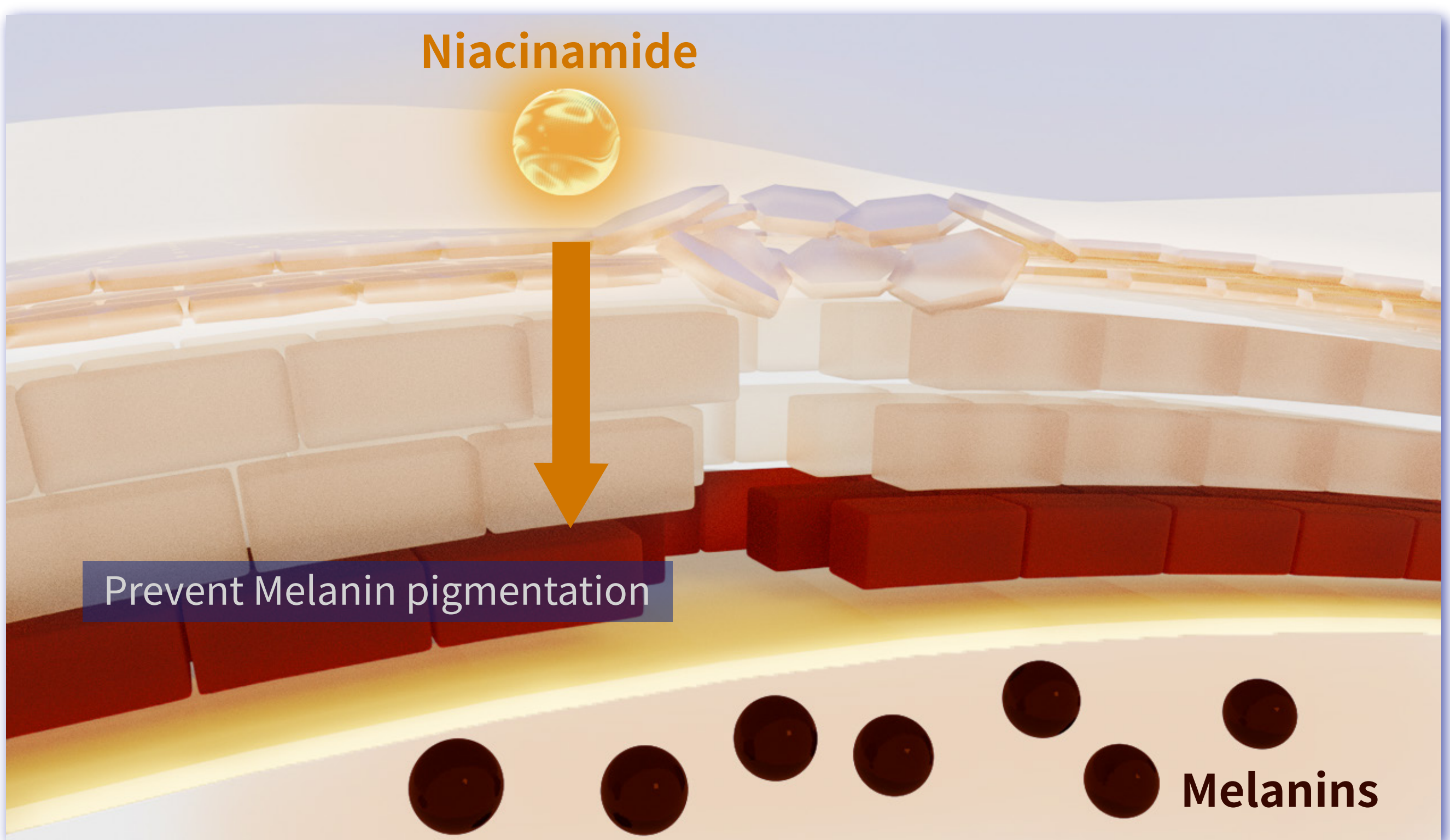
- By applying high-concentration PDRN which has the same physical properties as PURI EYES PN to the skin, it prevents the outflow of intradermal drugs due to osmosis.
- PDRN and PN work on both the epidermis and dermis to repair wounds and regenerate tissue internally and externally.



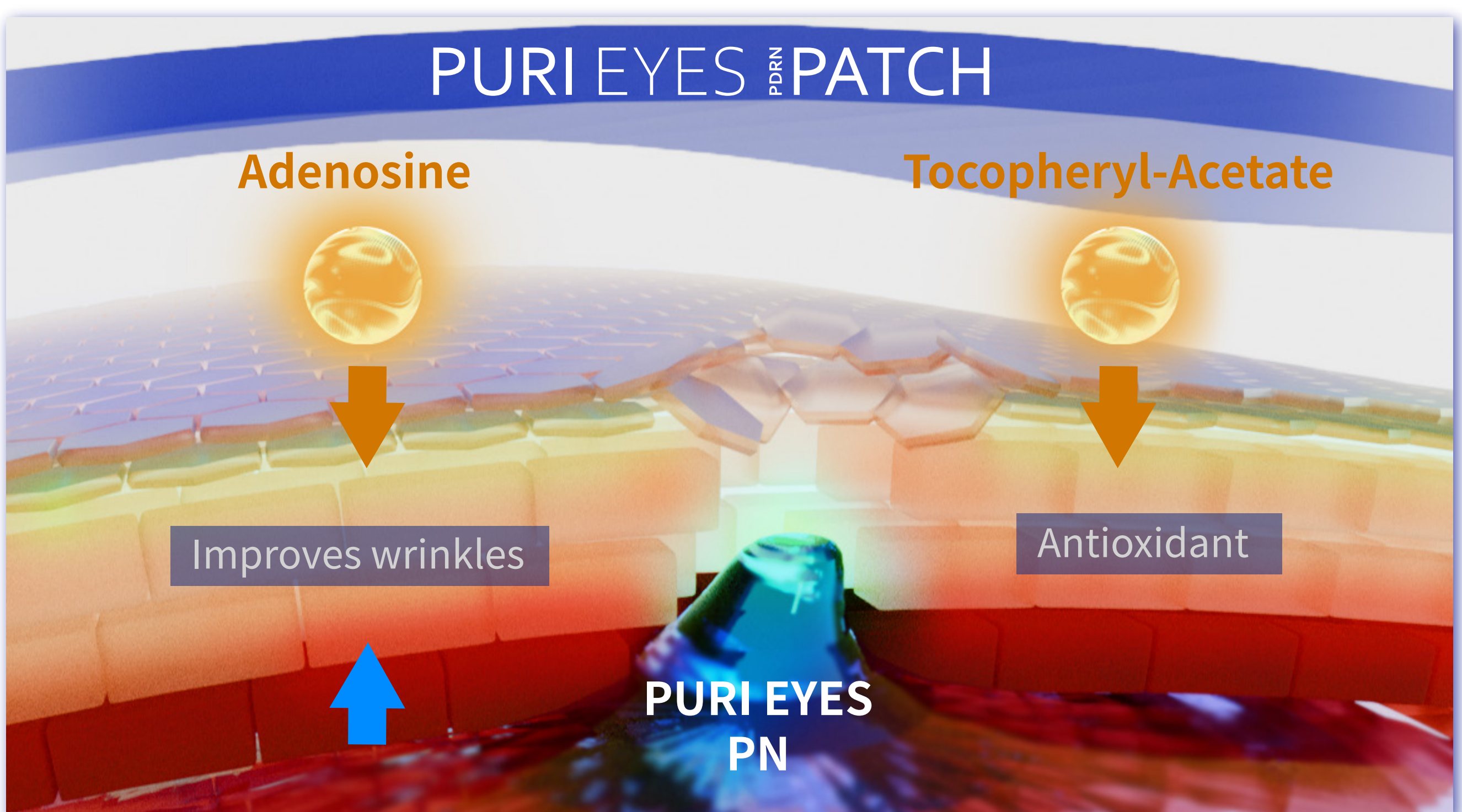
- HA and Hydrolyzed Collagen, biomaterials for tissue repair, can enter the dermis through the hole created during the injecting procedure.



- Allantoin soothes irritated skin, and hydrolyzed Coral and HA ingredients provide sufficient moisture to dry skin due to heat.
- To maximize the skin soothing effect, prepare and apply PURI EYES PDRN PATCH while it is cold.



- When irritated and weakened skin receives excessive stimulation from UV rays, it overproduces melanin pigment. Niacinamide prevents melanin pigment from settling in the skin, preventing pigmentation scars.



- Adenosine has an excellent effect on wrinkle improvement, and together with PURI EYES, it improves the effect of the treatment by improving wrinkles on the skin from the inside and outside.
- Tocopheryl-Acetate is a specialized antioxidant and prevents skin oxidation and aging accelerated by heat

Strengthens Regeneration
Tightens Skin Structure



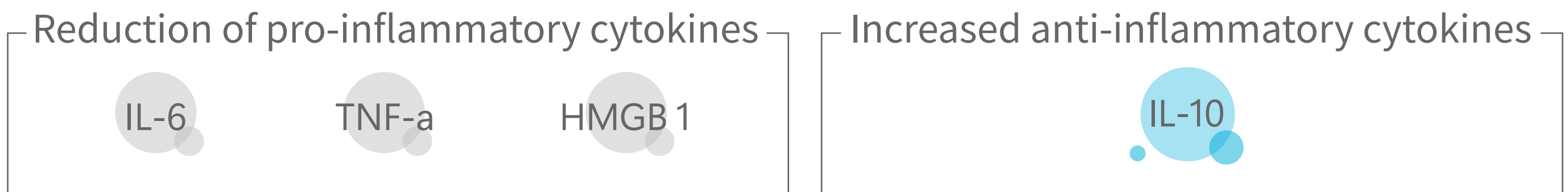
AETER™ PURI EYES

MECHANISM

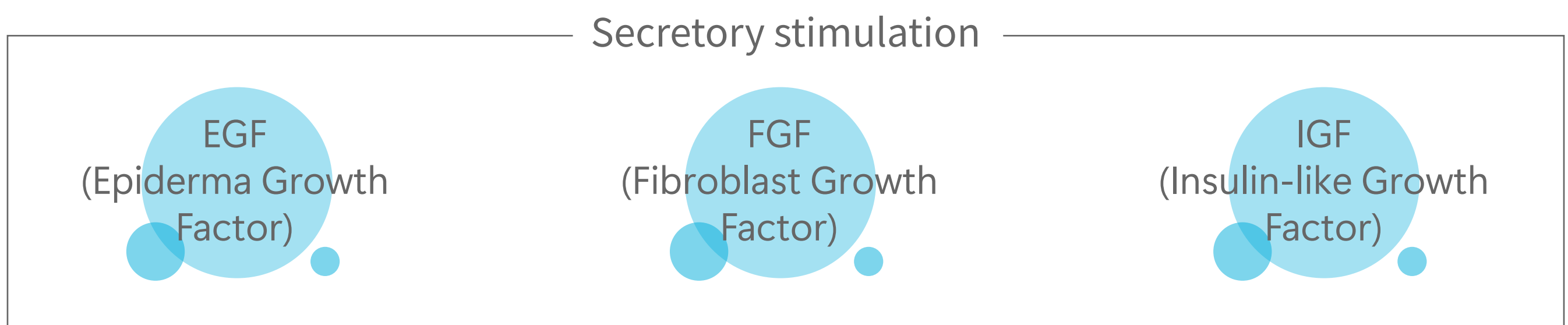
Dual Pharmacological action of Polynucleotide

A_{2A} Receptor Agonist

AETER™ PURI EYES Polynucleotide selectively binds to the A_{2A} Receptor and induces antibase transition.



It also activates 3 growth factors to regenerate damaged tissue.



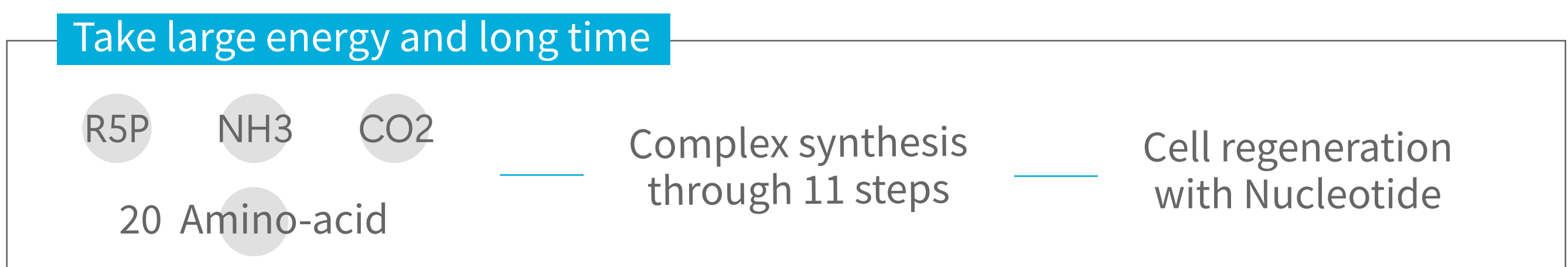
It induces angiogenesis through vascular endothelial growth factor (VEGF) secretion and improves skin capillaries that decrease with age. Increasing skin capillaries can prevent aging and improve skin health by smoothly supplying necessary nutrients.



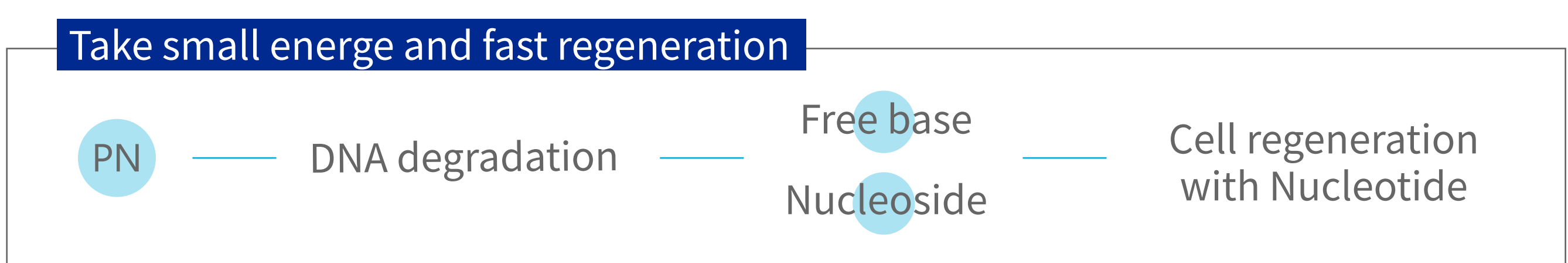
Salvage Pathway

The salvage pathway synthesizes nucleic acids rapidly with less energy and induces cell regeneration.

De novo pathway without PN



Salvage pathway with PN



AETER™ PURI EYES

Under eye skin rejuvenation

INGREDIENTS

Sodium Polynucleotide ————— 2mg/mL
Phosphate buffered saline ————— q . s

PACKAGING

1.1 mL X 1 Syringe / Box

AETER™ PURI EYES PDRN PATCH

Reduce aging of the skin
Eye patch for improving under-eye skin wrinkles

INGREDIENTS

Water(Aqua), Glycerin, Dipropylene Glycol, Niacinamide, Chondrus Crispus Powder, Benzyl Glycol, Ceratonia Siliqua (Carob) Gum, PEG-60 Hydrogenated Castor Oil, Xanthan Gum, Panthenol, Allantoin, Ethylhexylglycerin, Tocopheryl Acetate, Dipotassium glycyrrhizate, Ricinus Communis (Castor) Seed Oil, Adenosine, Raspberry Ketone, Ultramarines(CI 77007), Disodium EDTA, Synthetic Fluorphlogopite, Butylene Glycol, Calcium Lactate, 1,2-Hexanediol, Fragrance(Parfum), Titanium Dioxide(CI 77891), Hydrolyzed Collagen, Sodium Hyaluronate, Sodium DNA, Hydrolyzed Coral

PACKAGING

90 g / 3.17 oz (60ea)

WEDERM



WEDERM Co., Ltd.

📍 #502, 5F, JnK Digital tower, Digital-ro 26gil 111, Guro-gu, Seoul, Republic of Korea

🌐 www.wedermglobal.com

📷 [wederm_global](https://www.instagram.com/wederm_global)

✉ wederm@wederm.co.kr

☎ +82-70-4776-5961