

RH-Collagen Type I • RH-Collagen Type III • High Molecule HA • Succinic Acid • Polynucleotide

REGLORY RH COLLAGEN

Revive skin from within with regenerative science
Firm, radiant skin powered by RH collagen and HA



INNOVATIVE
MEDICAL
DEVICES
BY
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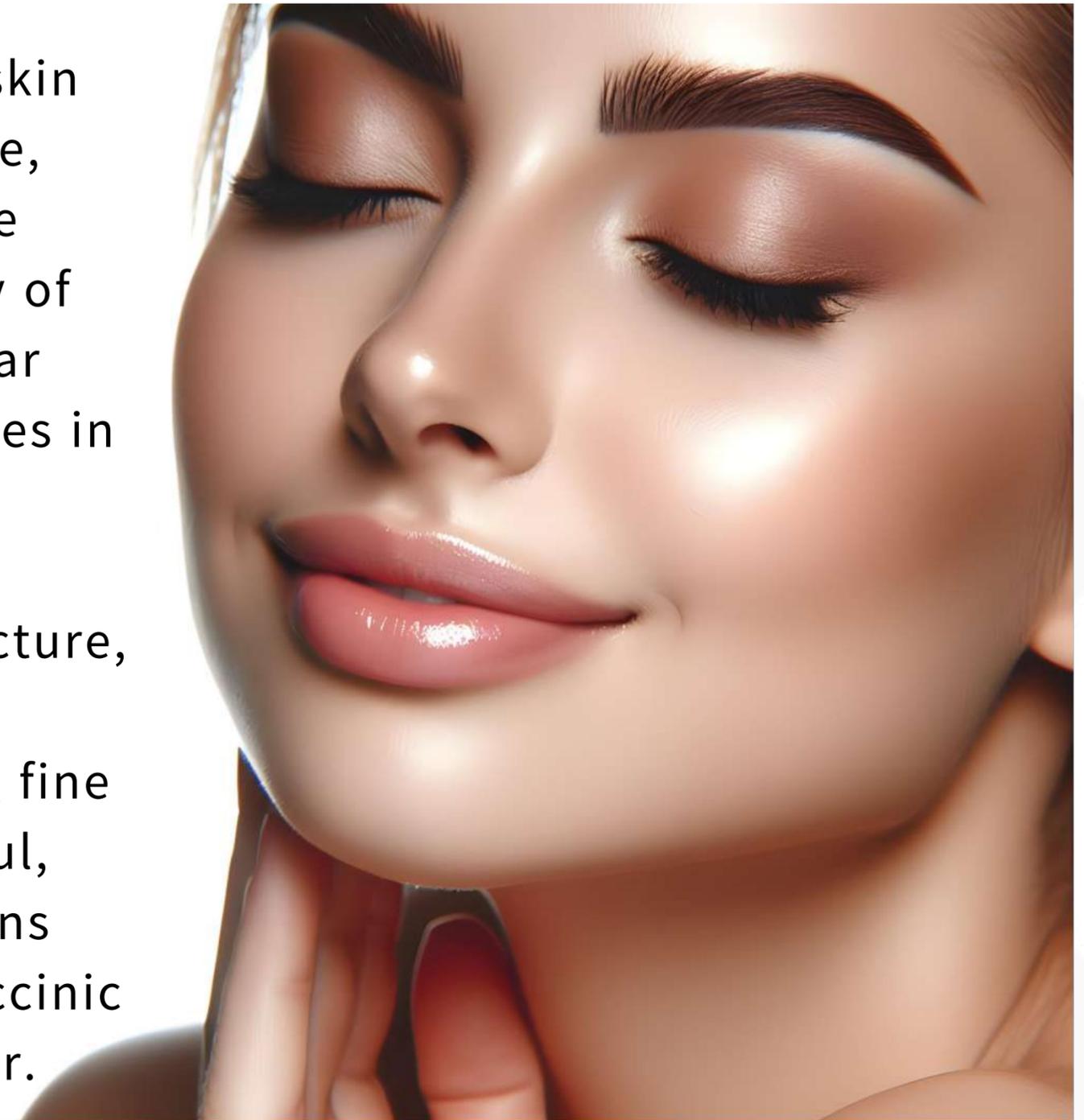
REGLORY RH COLLAGEN



Name	REGLORY RH COLLAGEN
Concentration	RH-Collagen Type I 7.5mg/2.5mg RH-Collagen Type III 7.5mg/2.5mg High Molecule HA 50mg/2.5ml Succinic Acid 30mg/2.5ml Polynucleotide 5mg/2.5ml
Features	Regeneration, Elasticity, Anti-aging, Moisturizing
Areas of Application	Face, Neck, Decollete, Back of Hands
Indication	Superficial to Mid-Dermis
Treatment Interval	Initial protocol: 3 treatment sessions at 2~3 week intervals Maintenance protocol: 1 session every 3 to 6 months, depending on skin condition and patient response
Duration	Over 3 months
Expiry Date	36 months from the date of manufacture
Storage Temperature	Store in a cool, dry place at a temperature of 1 to 30 °C
Package	2.5ml * 1syringe / box

What is Reglory Hl 40+

- **REGLORY RH COLLAGEN** is a next-generation injectable skin revitalizer formulated to dramatically restore, rejuvenate, and regenerate aging skin. Developed using cutting-edge recombinant biotechnology, it features a potent synergy of human-identical RH-Collagen Types I & III, high molecular weight hyaluronic acid, succinic acid, and polynucleotides in a 2.5ml solution.
- This synergistic formula is designed to restore skin structure, improve hydration, boost elasticity, and activate regeneration at the cellular level. It is ideal for reducing fine lines, improving facial contours, and achieving a youthful, radiant appearance. The combination of collagen proteins and HA supports extracellular matrix integrity, while succinic acid and PN enhance metabolic activity and tissue repair.



Key Features

- Human-identical RH Collagen Type I & III for enhanced dermal regeneration
- Deep hydration and elasticity from high molecular HA
- Succinic acid for antioxidant protection and skin brightening
- Polynucleotide (PN) for fibroblast activation and tissue repair

Main Ingredients

What Are Rh Collagen(Recombinant Humanized Collagen)?

Recombinant collagen (rh collagen) is a human-identical collagen bioengineered through a yeast fermentation process to precisely mimic natural human collagen.

It is produced via fermentation and offers **100% sequence identity with human collagen**, ensuring high compatibility and efficacy.

- **Medical grade:** Injectable-grade, clinically proven safe ingredient
- **Animal-free:** No animal-derived components, minimal risk of transmission or immune response
- **High purity:** Up to 95% purity, high biological activity, no chemical residues, and low allergy risk

Main Ingredients

REGLORY RH COLLAGEN

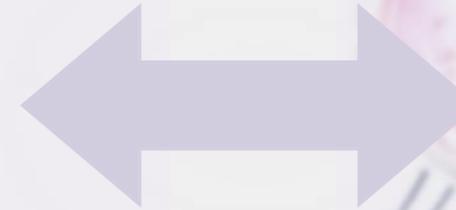
Recombinant Humanized Collagen

RH Collagen Type I

- Most abundant collagen in the skin
- Supports skin structure and firmness
- Improves strength and elasticity
- Fills and smooths deep wrinkles

RH Collagen Type III

- Found in young and healing skin
- Boosts skin flexibility and softness
- Accelerates tissue repair and renewal
- Restores regeneration lost with age



Type I for firm structure + Type III for smooth recovery = **Complete, Resilient Skin**

RH Collagen Type I + RH Collagen Type III = **Firmness + Softness + Rapid Regeneration**

Main Ingredients

Category	Recombinant Humanized Collagen	Animal Collagen
Homology	100% identical to human collagen sequence	Different amino acid sequence from human collagen
Biological Activity	High activity maintained with correct triple-helix structure	Reduced activity due to structural damage during extraction
Stability	Highly stable via <i>E. coli</i> or yeast fermentation	Inconsistent quality due to natural raw material variability
Immunogenicity	Not applicable (animal-free origin)	May trigger immune reactions in humans
Pathogenicity	Not applicable	Risk of contamination with viruses (e.g. mad cow disease)
Crosslinking Agent	Not applicable	Often requires additives to slow degradation and increase strength
Religiosity	Not applicable	May conflict with religious or cultural beliefs (e.g. porcine origin)

Main Ingredients

REGLORY RH COLLAGEN

Non-crosslinked Hyaluronic Acid

High Molecular Weight Hyaluronic Acid (HMW-HA)

- Forms a moisture barrier, retains hydration
- Boosts elasticity, reduces fine lines
- Keeps skin plump and smooth

Succinic Acid

- Strong antioxidant, boosts skin metabolism
- Improves oxygen, promotes collagen production
- Brightens tone, fades pigmentation

Main Ingredients

REGLORY RH COLLAGEN

Polynucleotides (PN)

Physicochemical properties

- Hydration effect
- Scaffolding effect
- Long lasting effect

Biological properties

- Epidermis / dermis regeneration
- Collagen / non-collagen protein secretion
- ECM(Extracellular Matrix) restoration

How It Works

REGLORY RH COLLAGEN



Dual Collagen Activation

Types I & III work in synergy to firm skin and fill fine lines



Hydration Boost

High molecular HA improves moisture retention and skin plumpness



Cellular Repair

PN and succinic acid accelerate healing and reduce pigmentation

How It Works

REGLORY RH COLLAGEN



Elasticity Renewal

Promotes synthesis of new collagen and ECM components



Structural Support

Enhances skin thickness, smoothness, and density



Usage Methods

REGLORY RH COLLAGEN



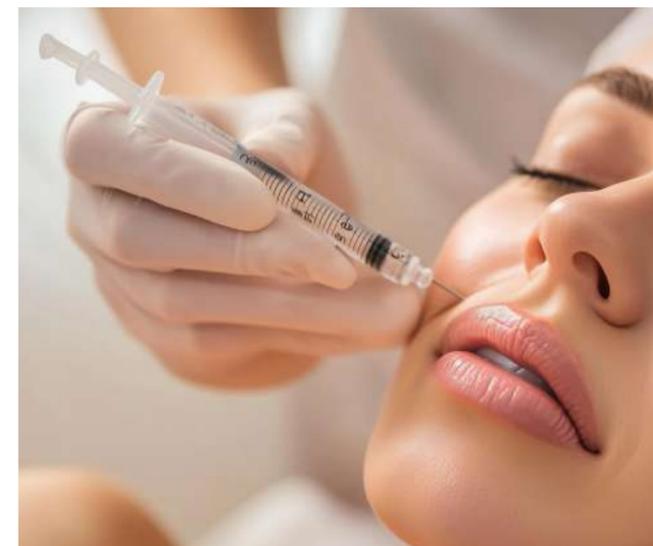
1. Thoroughly disinfect the treatment area before the procedure



2. Apply the topical anesthesia if necessary.



3. Insert needles into the syringe. (Needles size: 30G ~ 34G / Needles not included)



4. Inject the predetermined amount into the treatment area according to the physician's judgment.

Usage Methods

Target Injection Depth (by skin layer)

- **Anatomical layer:** Superficial to mid dermis
- **Injection depth:** 1.0 – 2.0 mm
- **Target zone:** Area with high fibroblast density to stimulate collagen production
- **Technique:** Recommended use of ultra-fine needles for multipoint or micro-dot injections

Compatible Needle Specifications

- **Recommended gauge:** 30G to 34G
- **Preferred:** 32G–34G for reduced pain with high-viscosity formulas
- **Needle length:** 4 mm to 13 mm (based on treatment area)
- **Optional tools:** Nano needle or multi-needle devices (e.g., stamping type)

Usage Methods

Coverage Area Per Syringe

- **Standard dosage:** One 2.5mL syringe per patient
- **Treatment range:** Full face (forehead, eyes, cheeks, chin), or face + neck/hands
- **Recommended method:** Multipoint injection with 0.01–0.02 mL per spot for optimal diffusion

Recommended Injection Volume Per Point

- **Dosage range:** 0.01–0.05 mL per injection point
- **Typical usage:** 0.02–0.03 mL is most commonly used
- Adjustable depending on injection technique
 - Nappage / Nano injection: 0.01–0.02 mL
 - Point injection (papule or bolus type): 0.03–0.05 mL
- **Precaution:** Excessive volume at a single point may cause nodules or surface irregularities

Precautions for Use

Treatment protocols may vary depending on the practitioner's clinical experience and treatment environment. This material is provided as a guideline to support safe and effective procedures.

- Store at room temperature
- Use immediately after opening / Do not reuse
- Avoid injection on areas with active skin disease, inflammation, or infection
- Incorrect injection depth may result in nodules, bruising, or intradermal residue

Pre-Treatment Guidelines

- Avoid using chemical peels or strong cosmetic products on the treatment area for a few days before the procedure.
- Refrain from consuming alcohol at least 48 hours prior to treatment.
- Prevent excessive heat exposure before the procedure, including tanning beds, saunas, and direct sunlight.

After-Treatment Care

- Avoid direct sunlight and heat exposure for 4 days. Use SPF 50 sunscreen.
- Refrain from vigorous exercise, saunas, swimming pools, and crowded places for 7 days.
- Do not use chemical peels or strong cosmetic products for a few days.
- Avoid alcohol for 24 hours and makeup for 48 hours to prevent infection.
- Maintain strict hygiene: use disposable towels, clean makeup tools, and change bedding regularly.

Possible Side Effects

- Mild swelling at the injection site
- Slight redness and minor injection marks
- Mild bruising due to skin punctures
- Erythema, itching, or irritation
- Potential allergic reactions to the products used during the treatment

Contraindications

- Under 18 years old
- Pregnancy or breastfeeding
- Allergies to product ingredients or hyaluronic acid
- Skin infections (bacterial, fungal, viral), inflammation, or active herpes
- Severe acne requiring medical treatment
- Blood clotting disorders or use of anticoagulants
- High allergy susceptibility, skin allergies, or irritated/damaged skin
- Connective tissue diseases, hypertrophic scars, or keloid tendency

Contraindications

- Autoimmune diseases, cancer, or ongoing chemotherapy/radiation therapy
- Use of immunosuppressants, corticosteroids (within 6-8 weeks), or retinoids (within 6 months)
- Recent surgery (within 2 months) or cryotherapy (within 6 months)
- Multiple moles, numerous telangiectasias, or psoriasis
- Severe mental disorders affecting treatment cooperation

THANK YOU!



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