

REVOFIL

Stay Longer, Stay Active and Stay Spectacular

CE CE
2265 1023

CAREGEN CO., LTD.
www.revofil.com

- Revolutionary Dermal Filler
- Long-lasting Peptide complex Filler
- Clinically Proven Safety





REVOFIL

Stay Longer, Stay Active and Stay Spectacular

Cross-linked Filler: 23mg/ml, 1ml prefilled syringe (C € 1023)

- REVOFIL Fine: Soft Touch Filler
- REVOFIL Plus: Sub Touch Filler
- REVOFIL Ultra: Deep Touch Filler

Non-Cross-linked Filler: 15mg/ml, 2ml prefilled syringe (C € 2265)

- REVOFIL Aquashine : Skin Rejuvenating, Anti-wrinkle
- REVOFIL Aquashine^{BR}: Skin Rejuvenating, Anti-Pigmentation



ADVANTAGES OF **REVOFIL** Fine **REVOFIL** Plus **REVOFIL** Ultra

Soft Touch Filler

Sub Touch Filler

Deep Touch Filler

1. REVOFIL has both biphasic and monophasic physical characteristics introduced by combination of cutting edged peptide technology and crossed linked HA which bring upgraded quality in gel viscosity and elasticity with softer operation.
2. REVOFIL contains higher concentration of free HAs, linked with peptide, instead of PBS among cross-linked HA molecules which results in increased stability of HA gel.
3. Strong inhibition of endogenous Hyaluronidase increases duration of the gel in skin.
4. REVOFIL makes up-regulation of endogenous collagen and hyaluronic acid and to increase skin tightness and lifting. In overall, peptide technology has endowed higher viscosity and elasticity, increased efficacy of sculpturing with longer lasting, increased gel stability and softer injection of HA gel.



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REVOFIL Fine Soft Touch Filler

Soft Touch Filler, REVOFIL Fine is indicated for mid-to-deep dermal implantation for the correction of moderate to severe facial wrinkles and folds, such as nasolabial folds and to restore the shape of the face.

Composition

Water (Aqua) ----- Make to 100
Sodium Hyaluronate Crosspolymer-2 ----- 23 mg/ml
Oligopeptide-72 (CG-Boostrin)
Oligopeptide-50 (CG-Glamerin)

1 x prefilled syringe, 2 x sterile 30G x 13mm needles



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REVOFIL Plus Sub Touch Filler

Sub Touch Filler, REVOFIL Plus is indicated for mid-to-deep dermal implantation for the correction of moderate to severe facial wrinkles and folds, such as nasolabial folds and to restore the shape of the face.

Composition

Water (Aqua) ----- Make to 100
Sodium Hyaluronate Crosspolymer-2 ----- 23 mg/ml
Oligopeptide-72 (CG-Boostrin)
Oligopeptide-50 (CG-Glamerin)

1 x prefilled syringe, 2 x sterile 27G x 13mm needles



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REVOFIL Ultra Deep Touch Filler

Deep Touch Filler, REVOFIL Ultra is indicated for mid-to-deep dermal implantation for the correction of moderate to severe facial wrinkles and folds, such as nasolabial folds and to restore the shape of the face.

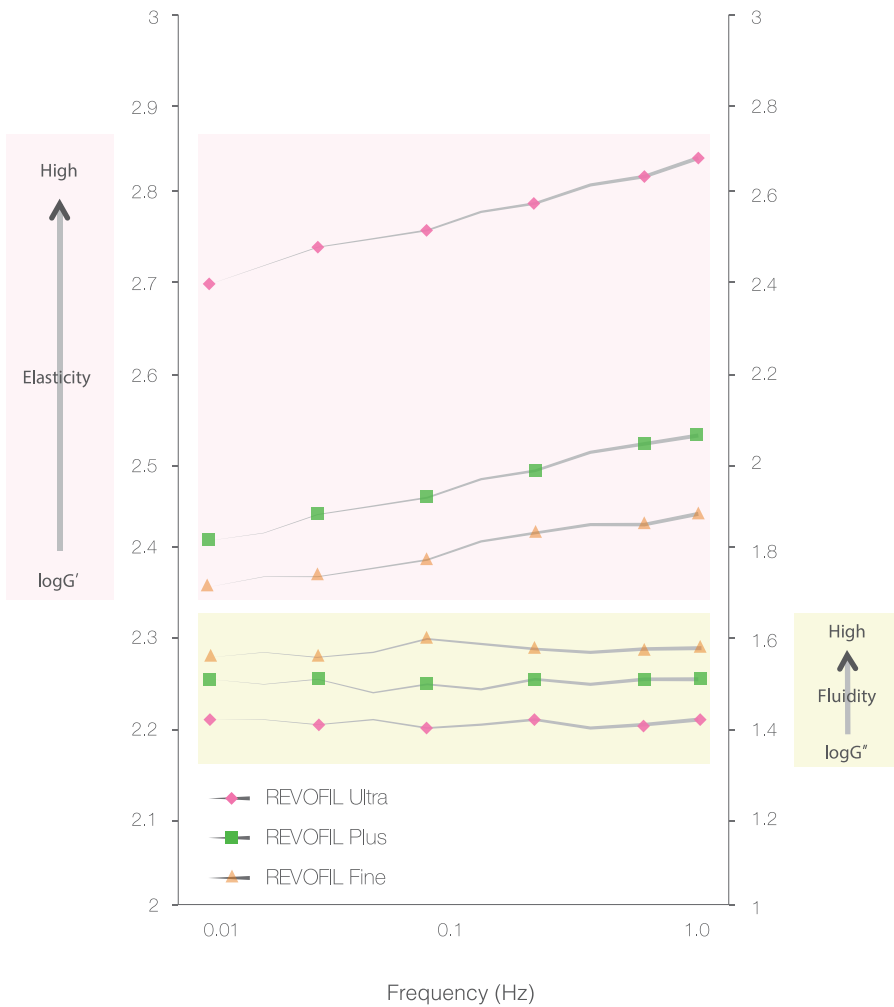
Composition

Water (Aqua) ----- Make to 100
Sodium Hyaluronate Crosspolymer-2 ----- 23 mg/ml
Oligopeptide-72 (CG-Boostrin)
Oligopeptide-50 (CG-Glamerin)

1 x prefilled syringe, 2 x sterile 27G x 13mm needles

REVOLUTIONAL PEPTIDES DERMAL FILLER

ELASTICITY AND FLUIDITY OF REVOFIL FINE, PLUS, ULTRA



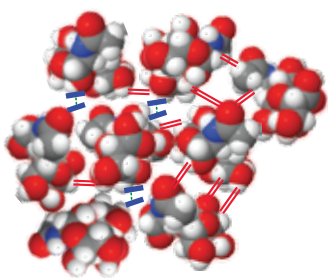
RHEOLOGICAL PROPERTIES

Viscoelastic properties of REVOFIL

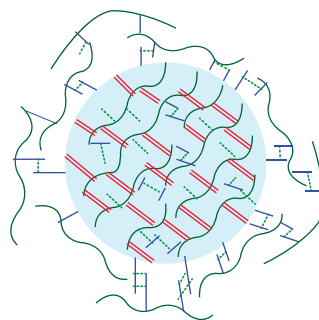
REVOFIL Ultra, Plus, Fine shows high shear storage modulus (G') and stable shear loss modulus (G'') in Dynamic mechanical analysis. The result shows high elasticity, duration and stable fluidity of REVOFIL gels.



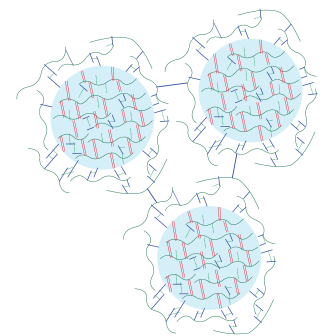
MOLECULAR STRUCTURE OF RETICULATED HA GEL IN REVOFIL



Cross-linked HA and peptide



Cross-linked HA sphere



REVOFIL gel

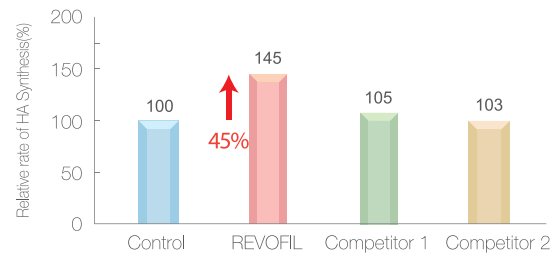
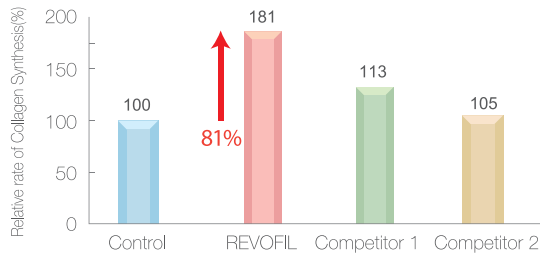
== Cross linkage bond

== Amide bond formation between Free HA and Cross-linked HA

..... Free HAs are connected to peptide mediated disulfide bond

in-vitro data

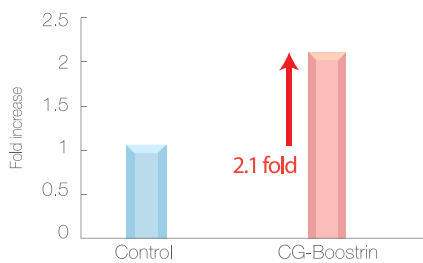
DERMAL / EPIDERMAL COHESIVE EFFECT: Increased 81% Collagen 1, 45% Hyaluronic acid



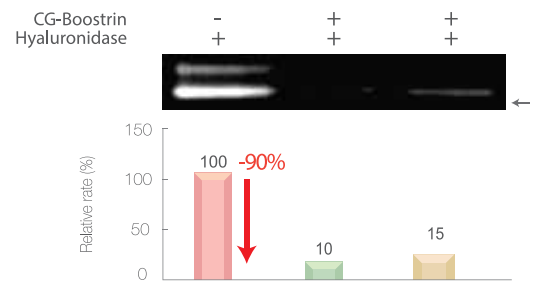
REVOFIL has shown positive regulation of endogenous collagen and hyaluronic acid synthesis in human fibroblast cell.

DIRECT INHIBITION OF HYALURONIDASE ACTIVITY: Decreased 90% Hyaluronidase Activity

Interaction of Hyaluronidase and CG-Boostrin



Inhibition of Hyaluronidase Activity



REVOFIL contains a strong inhibitor of hyaluronidase. CG-Boostrin, a patented peptide, binds to the enzyme strongly and down-regulates the degradation of reticulated hyaluronic acid which implies increased duration of the gel in skin.

PROTECTION OF ANTI-OXIDATIVE STRESS AND PHOTO-INDUCED CELL DAMAGE

Anti-oxidative Stress Recovery

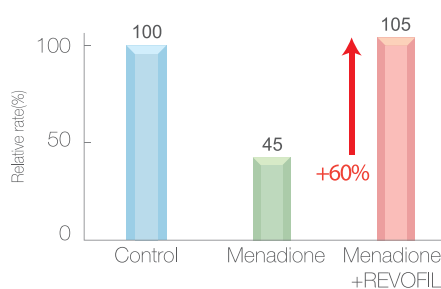
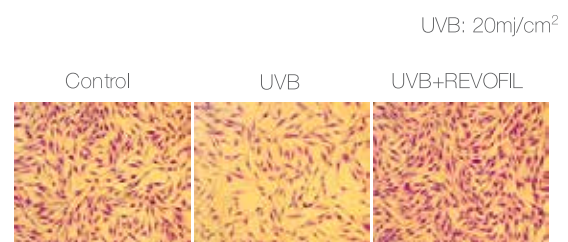


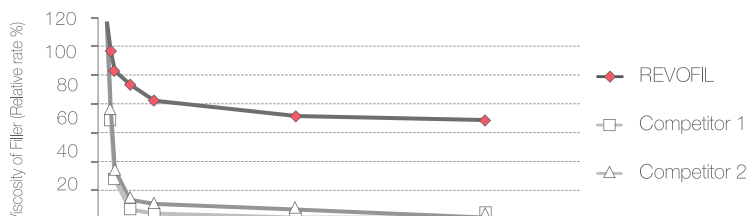
Photo-induced Cell death Protection



REVOFIL shows strong anti-oxidant effect against oxidative chemical and photo-damage induced UV in human dermal fibroblasts.

DECREASED ENZYMATIC DEGRADATION

Concentration of Hyaluronidase: 25unit/ml
Incubation temperature: 37°C



REVOFIL showed strong resistance to the enzyme which implies longer lasting in skin compared to competitors. The result indicates that the duration of REVOFIL is much longer than other HA Dermal fillers.

Clinical Test Data

CLINICAL TEST DATA BEFORE AND AFTER

One hundred seventy-two (172) patients were injected with REVOFIL Fine (30), REVOFIL Plus (86), REVOFIL Ultra (56), aged 20~56. All patients satisfied after injection without allergic effects.

The affirmative results had been reached by 99% in the clinical study.

The effectiveness of treatment was expressed in decrease and smoothing of wrinkles in facial area and zone around eyes and increase of volume and improvement in shape of lips, nose and hands.

SOFT TOUCH FILLER, REVOFIL FINE

Before



After 6M



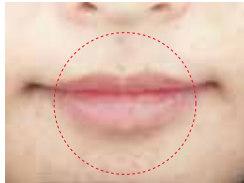
Sex : Male
Age : Early 60's

Product : REVOFIL Fine
Injection Area : Hand Rejuvenation

Before



After 6M



Sex : Female
Age : Early 30's

Product : REVOFIL Fine
Injection Area : Lip Augmentation

SUB TOUCH FILLER, REVOFIL PLUS

Before



After 6M



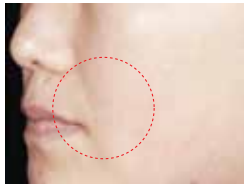
Sex : Female
Age : Early 40's

Product : REVOFIL Plus
Injection Area : Nasolabial Folds

Before



After 6M



Sex : Female
Age : Early 30's

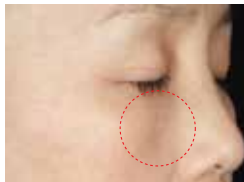
Product : REVOFIL Plus
Injection Area : Nasolabial Folds

DEEP TOUCH FILLER, REVOFIL ULTRA

Before



After 6M



Sex : Female
Age : Early 40's

Product : REVOFIL Ultra
Injection Area : Upper Cheeks

Before



After 6M



Sex : Female
Age : Early 50's

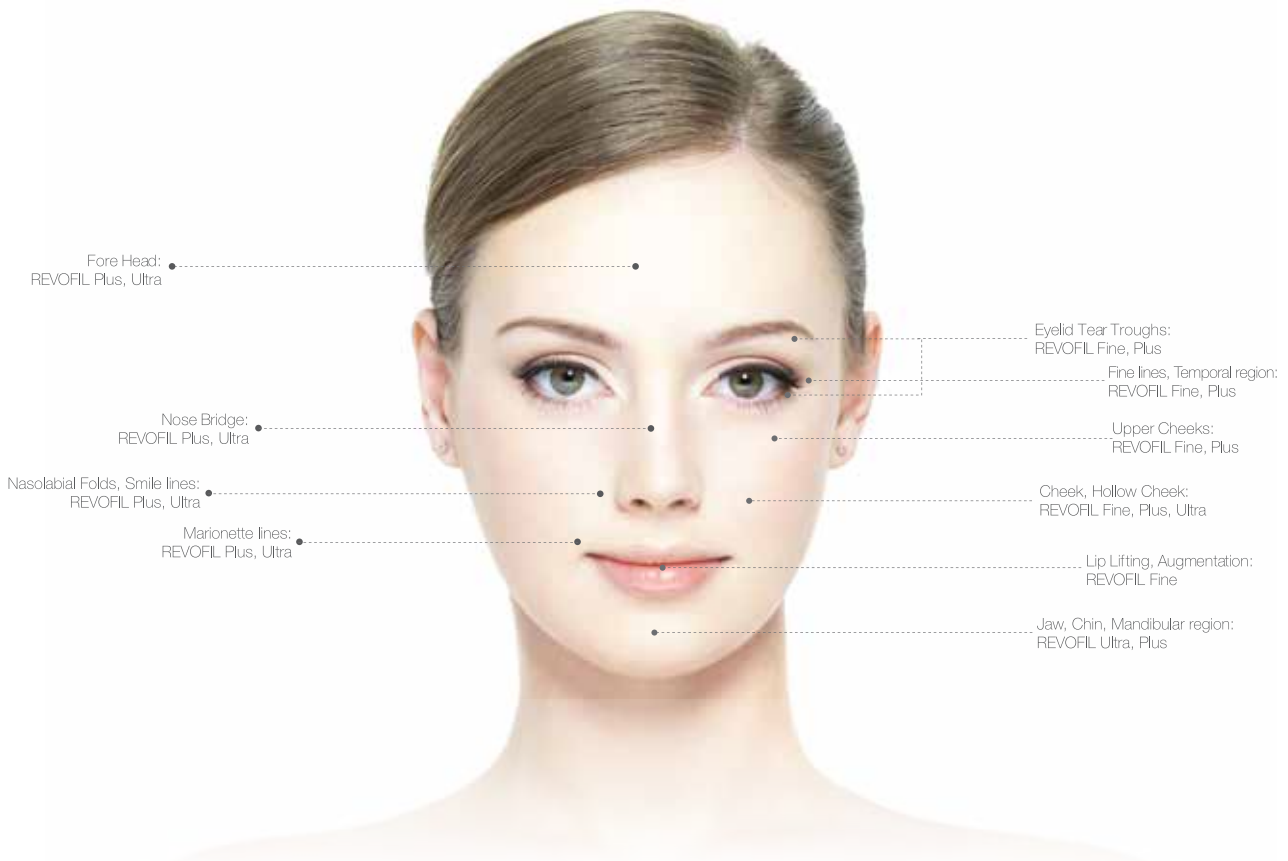
Product : REVOFIL Ultra
Injection Area : Nasolabial Folds



INDICATION AND SUMMARY TABLE

	 Soft Touch Filler	 Sub Touch Filler	 Deep Touch Filler
Concentration of HA	23 mg/mL	23 mg/mL	23 mg/mL
Needle	30G 1/2	27G 1/2	27G 1/2
Indication	Correction of superficial wrinkles, fine lines, caved scar. Filling of all moderately pronounced wrinkles on the face and tissue.	Filling deep wrinkles and lines. Harmonization of volume	Redefinition of facial contours. Correction of very deep wrinkles in thick skin tissue. Creation of the volume (Cheeks, chin, temporal area)
Injection depth	 Superficial dermis	 Mid, Deep dermis	 Deep, Subcutaneous dermis
Injection area	Tear Troughs Fine lines, Temporal region Upper Cheeks Cheeks, Hollow Cheek Lip Lifting, Augmentation	Fore Head Nose Bridge Nasolabial Folds Marionette Lines Tear Troughs Fine lines, Temporal region Upper Cheeks Cheeks, Hollow Cheek Jaw, Chin, Mandibular region	Fore Head Nose Bridge Nasolabial Folds Marionette lines Cheeks, Hollow Cheek Jaw, Chin, Mandibular region
Blister pack	1 mL prefilled syringe/pack	1 mL prefilled syringe/pack	1 mL prefilled syringe/pack
Implant Duration Before touch up ※	10 months on average	12 months on average	12 months on average

※ **Average duration depends on several factors: Patient's skin type, severity of the wrinkles to be corrected, type of injection and the injected volume.**



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REVOFIL

“
Peptide complex
+
Hyaluronic acid
”

»»» AQUASHINE

»»» AQUASHINE^{BR}



REVOFIL AQUASHINE for Radiant and Healthy Skin

- A New Concept of Skin Revitalization Treatment with Non-Cross-Linked HA and Skin Rejuvenating Complex.

»»» AQUASHINE



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AQUASHINE

AQUASHINE is an anti-wrinkle and skin rejuvenating filler composed of bioactive ingredients including hyaluronic acid, multi-vitamin and amino acids.

Benefits of Active ingredients

- Reduce wrinkles and improve skin elasticity by generating new skin cells.
- Revitalize tired and dull skin by maximizing cell proliferation and reducing skin problem.
- Pure Hyaluronic acid moisturizes skin and tightens pores.

»»» AQUASHINE^{BR}



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AQUASHINE^{BR}

AQUASHINE^{BR} is a skin rejuvenating and anti-pigmentation filler product composed of bioactive ingredients including hyaluronic acid, multi-vitamin and amino acids.

Benefits of Active ingredients

- Reduce wrinkles and improve skin elasticity by generating new skin cells.
- Revitalize tired and dull skin by maximizing cell proliferation and reducing skin problem.
- Reduce and prevent hyper-pigmentation, down-regulates melanin synthesis, thereby reducing skin pigmentation, aged spots and freckles.
- Pure Hyaluronic acid moisturizes skin and tightens pores.

	AQUASHINE	AQUASHINE ^{BR}
Concentration of HA	15mg/mL	15mg/mL
	32G1/2"	32G1/2"
Indication	Hydration, Radiance, Elasticity, Wrinkles and Fine lines	Hydration, Radiance/Skin Brightening, Elasticity, Wrinkles and Fine lines
Skin Rejuvenating complex	4 Peptides, 24 amino acids, 14 vitamins, 8 minerals and coenzymes	4 Peptides, 24 amino acids, 14 vitamins, 8 minerals and coenzymes
Injection depth	Epidermis/Superficial to Mid dermis	Epidermis/Superficial to Mid dermis
Injection Area	Face/Neck/décolleté	Face/Neck/ décolleté
Blister pack	2mL Prefilled syringe/Pack	2mL Prefilled syringe/Pack
Protocol	3 sessions at 4-week intervals	3 sessions at 4-week intervals

Clinical Test Data

CLINICAL TEST DATA BEFORE AND AFTER

REVOFIL AQUASHINE for Radiant and Healthy Skin

- A New Concept of Skin Revitalization Treatment with Non-Cross-Linked HA and Skin Rejuvenating Complex.

REVOFIL AQUASHINE

3 treatments, after one month

Before



After 1M



Sex : Female
Age : Early 30's

Product : REVOFIL Aquashine
Injection Area : Nasolabial Folds / Marionette lines

Before



After 1M



Sex : Female
Age : Early 50's

Product : REVOFIL Aquashine
Injection Area : Fine lines / Temporal region

REVOFIL AQUASHINE^{BR}

3 treatments, after one month

Before



After 1M



Sex : Female
Age : Early 30's

Product : REVOFIL Aquashine^{BR}
Injection Area : Upper Cheeks

Before



After 1M



Sex : Female
Age : Early 50's

Product : REVOFIL Aquashine^{BR}
Injection Area : Nasolabial Folds / Marionette lines

AQUASHINE, AQUASHINE^{BR}

Indication

Injection methods-Manual or injection gun

Injection technique-Serial puncture or nappage

Injection depth- Epidermis/Superficial to Mid dermis

Injection area-Face, neck, décolleté

The treatment of REVOFIL AQUASHINE and AQUASHINE^{BR} is reserved for practitioners trained in the injection techniques of products intended for the wrinkle, pigmentation, aged spots and freckles. Before beginning treatment, patients must be questioned regarding their past medical history and informed regarding foreseeable outcomes of treatment and potential undesirable effects. Treatment area must be properly disinfected. It is advised to perform injections using CE marked medical devices.

Regular treatment

3 sessions at 4 week intervals are recommended for optimal efficacy.

2 to 3 sessions per year are recommended to maintain the effects of the regular treatment.

Special treatment

6 sessions at 2 week intervals are recommended for optimal efficacy.

5 to 6 sessions per year are recommended to maintain the effects of the special treatment.

After 1 cycle, determine the ideal maintenance treatment or repeat treatment depending on each patient.

AQUASHINE

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