



VISCENTOM



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**MERIPPLE**

HA Filler with VITAMIN A



## What is Meripple?

Meripple is the pioneer of Vitamin A Hyaluronic Acid Filler with Pullulan, providing a safe and professional experience for face contouring and anti-wrinkle effect.



### 3 Main Ingredients

**First to add Vitamin A** Boost collagen generation

**Pullulan** Naturally reduces pain

**Hyaluronic Acid** Perfect contouring

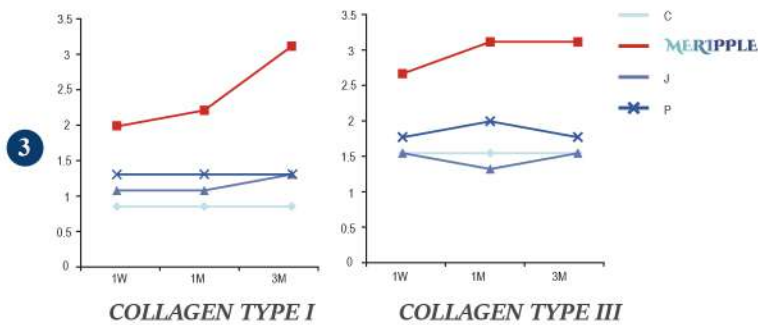
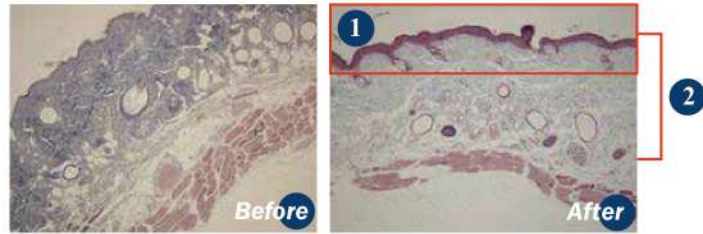
## How does Vitamin A benefit your skin?



Vitamin A is essential to stimulate growth. Vitamin A has been known to play a role in the development of bones, reproductive process and a critical role in vision. Even more importantly, the role of vitamin A is its antioxidant activity and collagen synthesis.

**The filler that makes you beautiful from the inside out.**

# Vitamin A Skin Regeneration



Collagen synthesis of MERIPPLE

\*12 weeks after MERIPPLE injection into the wrinkled back of mice.

- 1 Epidermis layer became smoother and thicker.
- 2 Collagen density has increased.
- 3 Collagen type I and III are significantly increased.

High  
Safety

60 days after MERIPPLE injection into the wrinkled back of mice. Epidermis layer became smoother and thicker. No side effect is occurred.

## Vitamin A Clinical Test

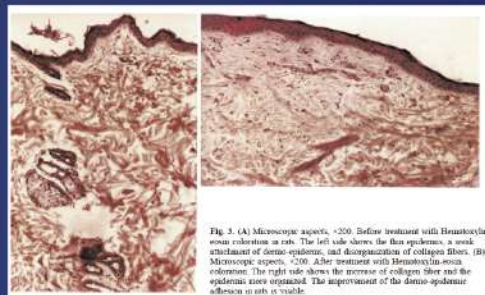
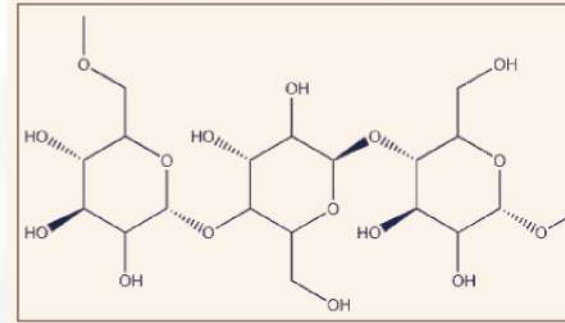


Fig. 3. (A) Microscopic aspects, ×200. Before treatment with Hexamethylresorcinol solution in rats. The left side shows the thin epidermis, a weak structure of dermo-epidermis, and disorganization of collagen fibers. (B) Microscopic aspects, ×200. After treatment with Hexamethylresorcinol solution. The right side shows the increase of collagen fiber and the epidermis were organized. The improvement of the dermo-epidermal adhesion in rats is visible.

# Pullulan



Safe and  
Effective

Pain  
Relief

Pullulan increases the fluidity of the filler, allows a gentle injection into the skin and reduces pain without lidocaine.

\*Pullulan is a natural polysaccharide and is a very safe material used as a moisturizer, such as hyaluronic acid, or in food.

Non-Lidocaine

General anesthetics: Lidocaine has the possibility to induce blood vessel penetration and cause arrhythmia and other symptoms, Even the dosage is limited to 0.3%, it is still possible to have allergic reactions.

# 3 Types of Meripple



**1**  
**SLENDER**  
Tear trough,  
Fine line, Temporal,  
Cheek, Lip

**2**  
**PLUMP**  
Jaw, Forehead, Nose  
bridge, Marionette  
line, Nasolabial  
folds, Cheek

**3**  
**RIPE**  
Forehead, Jaw,  
Nose bridge, Cheek,  
Nasolabial folds

## Recommended Parts for Injection

Meripple offers 3 kinds of products to suit different users. Customers can choose according to your needs.

<b>SLENDER</b>   Superficial to mix dermis	
<b>PLUMP</b>   Mid to deep dermis	
<b>RIPE</b>   Deep to subcutaneous dermis	



	<b>SLENDER</b>	<b>PLUMP</b>	<b>RIPE</b>
Relative Viscosity	● ○ ○ ○	● ● ○ ○	● ● ● ●
HA Concentration	20 mg/ml	20 mg/ml	20 mg/ml
Retinoic Acid	4.0 ug/ml	4.0 ug/ml	4.0 ug/ml
Packaging	1.1ml x 1syr.	1.1ml x 1syr.	1.1ml x 1syr.
Needle Size	30g	27g	25g
Storage	2-25 °C	2-25 °C	2-25 °C
Shelf Life	24months	24months	24months

## Satisfying Outcomes

### NASOLABIAL FOLDS



Before

After

### FOREHEAD



Before

After

### CHIN



Before

After

## BDDE Removal

The BDDE (1,4-Butanediol diglycidyl ether) residue removal process is the most important part to consider because BDDE residue left after cross-linking HA, can cause serious side effects. Meripple uses ZERO technology in order to remove all residual BDDE which use 8-time process can minimize possible side effects and ensure safety.

**1** Primary cross-linking



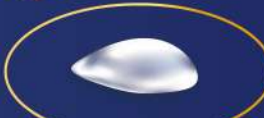
**2** HA cross-linked with BDDE



**3** Complete removal of unbound crosslinkers

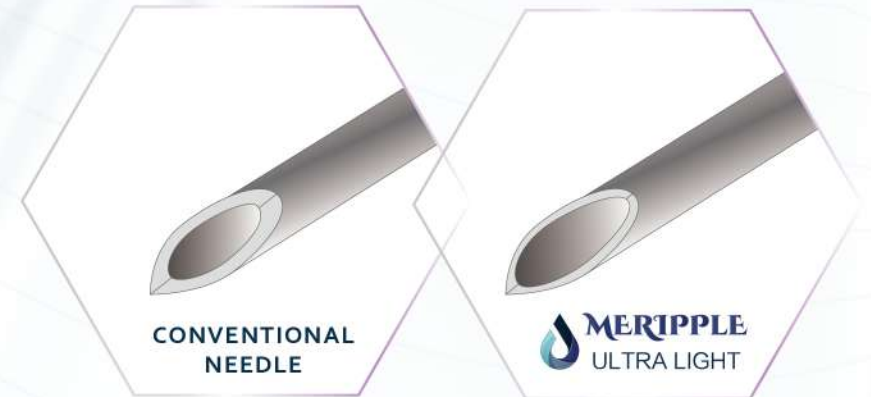


**4** Safety Level of HA Fillers



## DOCTOR'S CHOICE TSK Needles

High viscous dermal filler gels in combination with small sized needles cause high pressure inside the syringe. TSK needle allow for an improved injection performance with less risk of injection malfunction.



CONVENTIONAL NEEDLE

MERIPPLE  
ULTRA LIGHT

TSK has developed a special skin filling needle which has thin wall. TSK increased the inside diameter of the 27g needle to 24% and 30g needle to 17%.



- 01 No bending
- 02 No leaking
- 03 Reduce needle ejection
- 04 Compatible with all syringes
- 05 Injection comfort
- 06 Easy control

Besides, when applying high pressure or force, TSK Needle can help to prevent the problem of needle bending, leaking of filler and fall of needle. TSK Needle is the best needle for doctor during surgery.



**VISCENTOM**

Viscentom Bio Limited

**Korea Biotechnology Made in Hong Kong**  
**Keep Your Health and Natural Beauty**

Viscentom Bio Ltd is a global enterprise that dedicated to demonstrate the high quality of life to all mankind by maintaining personal attractiveness. In the past 10 years, Viscentom has taken the lead in the international filler market. In order to enter the global market, we established Viscentom Bio Ltd in the global trade center – Hong Kong. Here, we not only demonstrate Korea’s advanced technology, but also facilitate the communication with customers.



Obtained KIBO Certification of Venture Business



Obtained patent in Korea for the Vitamin A HA Filler



Registered PCT Patent for Long-lasting Hyaluronic acid gel composition



Obtained approval from MFDS



**Genephyrs**  
 HA Filler with TSK Ultra Light Needles

The HA ingredients are certificated by FDA, KFDA, DMF, KDMF. Use of the TSK needles that it can help to prevent the problem of needle bending, leaking of filler and fall of needle. TSK Needle is the best needle for doctor during surgery.

**Cellnoc**  
 Natural anti-aging DERMA brand

CELLNOC can help to improve skin’s health from the inside out, helping the long-lasting of hyaluronic acid.

