



# TransMi



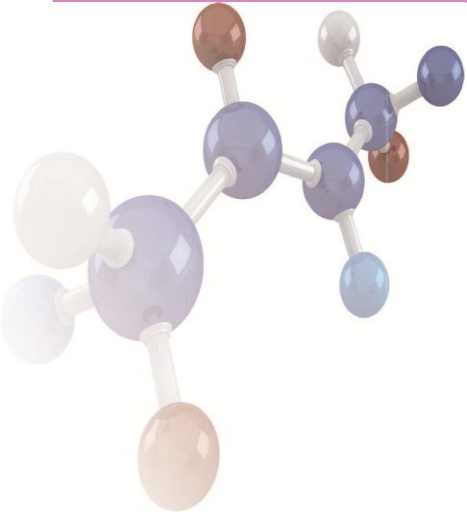
---

## Hyaluronic Acid Microneedle Patch



# Contents

---



I

Technologies

II

Product Features

III

Analysis & Certification



# 1. Skin Wrinkle and Elasticity Care

---

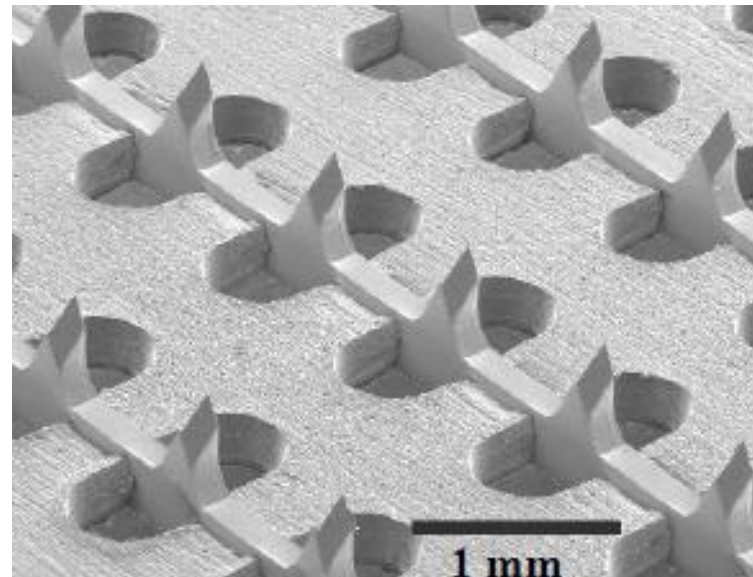
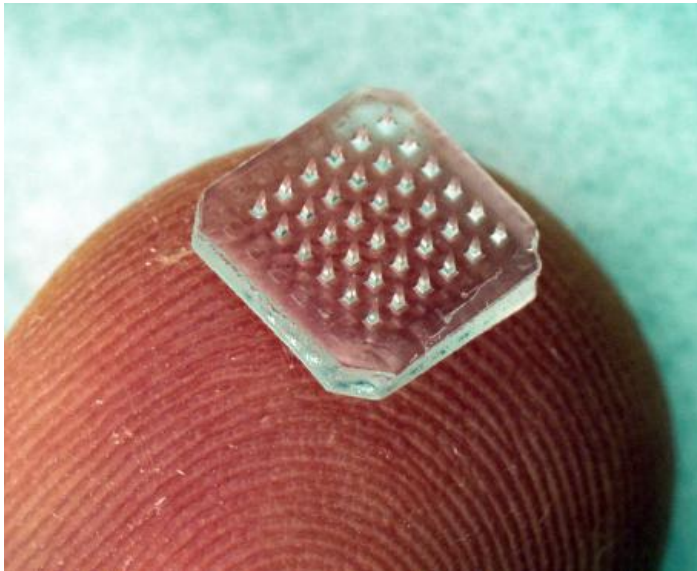
## ☐ Traditional method of the skin wrinkle & elasticity care

- To treat the skin elasticity and wrinkle care, crow's feet, in particular, you could inject the fillers into the skin with **pain** or apply functional cosmetics on the skin.
- But most of active ingredient of cosmetics **can not reach to the inner dermis** because of hard corneum (dead skin cell) and epidermis.



# 1-1. Microneedle Technology

- Various microneedle technologies are developed **for painless transdermal insertion system** as a new drug delivery system(DDS).
  - Definition : Microneedle Array (Patch)
    - Micro tip(5~40 $\mu$ m), Tiny Diameter(<200) ,  
Controlled effective length for target (hundreds~thousands  $\mu$ m)
  - Usage : Diagnostics, Monitoring, Injection drugs
  - Materials : Solid type, Dissolving type

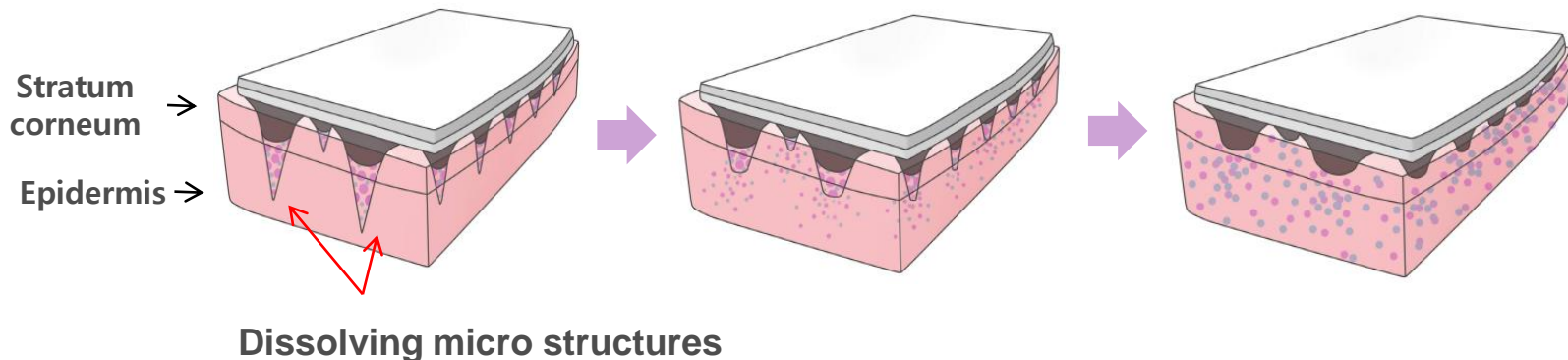


# 1-2 DMS Technology™

## □ Dissolving Micro Structure(DMS) Technology™

- Our DMS Technology™ is advanced “deep infusion system” for excellent wrinkle care and skin elasticity enhancement. It is cosmetic application of “**Dissolving microneedle technologies**”. (Patent pending)
- “**Strong micro structures**” are made with **Hyaluronic Acid(HA)** and **other cosmetic ingredients**. When it is attached on the skin, these HA and ingredients infuse into the dermis after penetrating the corneum.

□ HA and ingredients infused into the dermis after corneum penetration



## 2-1. Hydrocolloid Base Film

---

- ☐ A hydrocolloid(HC) base film is a wafer type of dressing film that contains gel-forming agents in an adhesive compound laminated onto a flexible, water-resistant outer layer. The HC films are self-adhering and keep the wet environment during the use.
- ☐ This HC wet condition helps skin softening and collagen synthesis up, as well as skin moisture retaining.

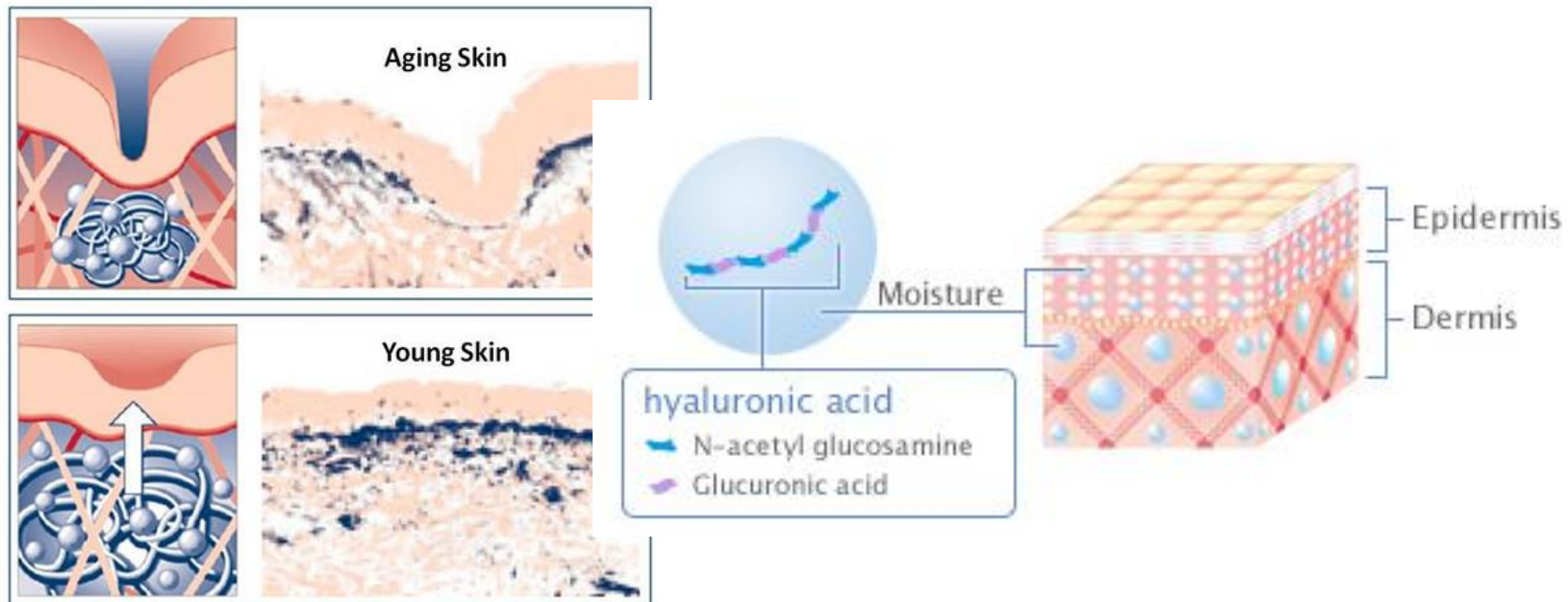




## 2-2. Main Ingredient

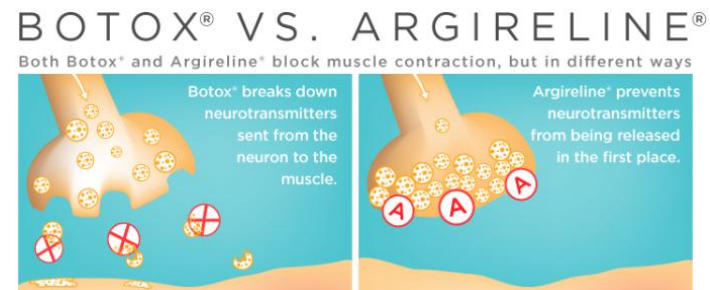
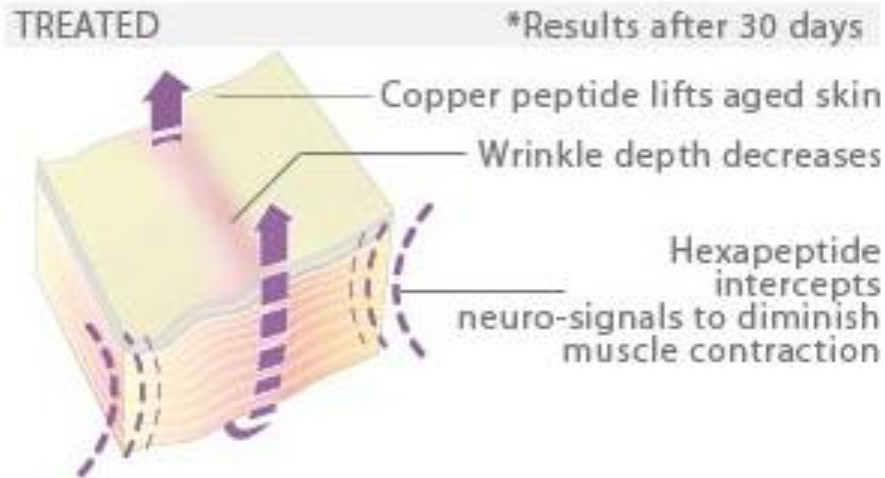
### ☐ Hyaluronic Acid

- **Hyaluronic Acid (HA)** is the primary ingredient found in the wrinkle fillers used by dermatologists. Hyaluronic acid helps collagen synthesis up, as well as skin moisture retaining, contributing to the anti-aging benefits to the skin. Higher levels of collagen and hyaluronic acid are related to skin that is more supple and resistant to wrinkles and fine lines.



## 2-3. Functional Ingredients

- Acetyl Hexapeptide (replaceable to various as per market needs)
- **Acetyl Hexapeptide(AHP)** is a major high functional beauty ingredient that makes the skin and muscle suppler and reduces wrinkles. AHP is used in attempts to decrease the visible effects of aging by reducing the deep wrinkles and lines that occur around the forehead and eyes with similar reaction of Botox.





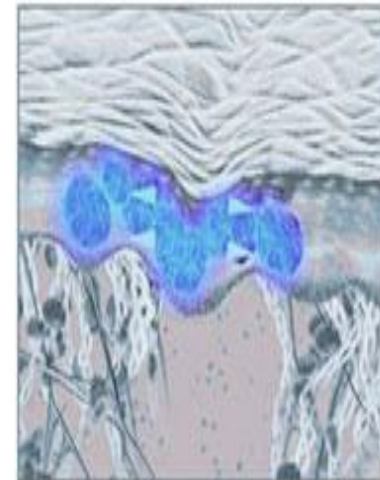
## 2-4. Major Effects of TransMi Patch

---

- ☐ Instantaneous moisturizing & filling effects
- ☐ Smooth wrinkles and repair the damaged skin cell
- ☐ Reducing skin sagginess and improving tone



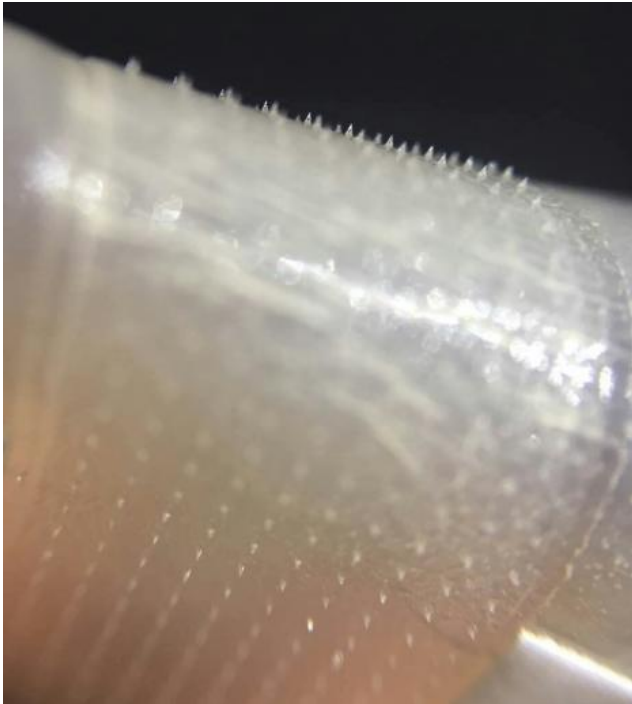
Dry Spheres

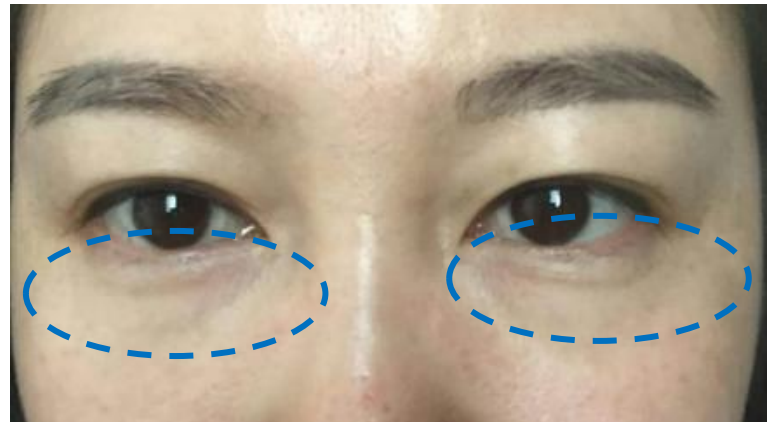
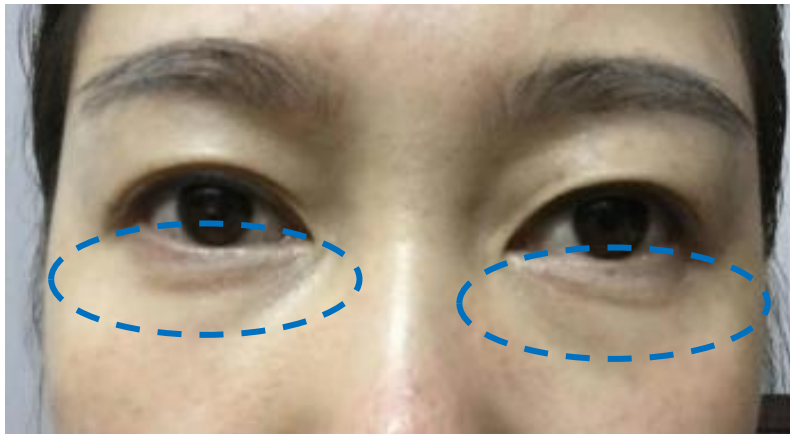
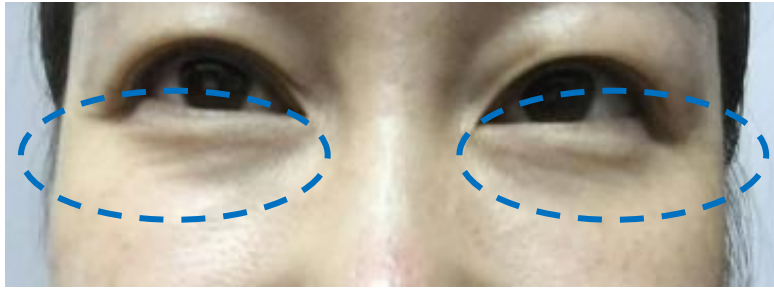


Hydrated Spheres

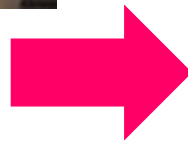
---

☐ Test results with 2 weeks program (4 times)





Before

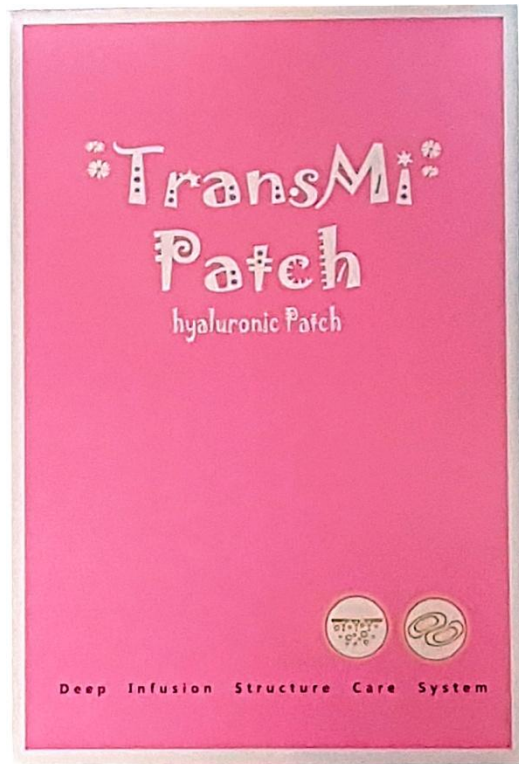


After

## 2-5. Product and Applications

---

□ Product presentation : 2patches/pouch X 4 pouches/box



---

☐ Recommendable applications

\* Beauty care

Wrinkles(Crow's feet,  
Nasolabial folds)

\* Functional care :

Pimple, Acne, Pore, Black  
spot etc.



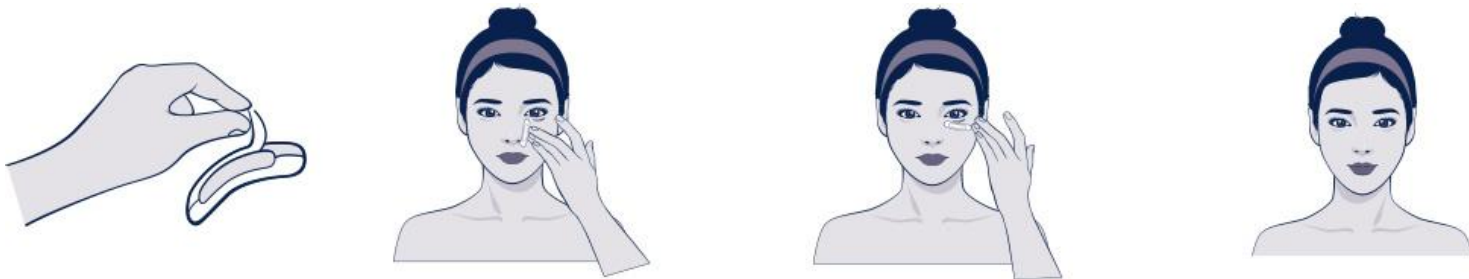


## 2-6. Usage

---

### ☐ Usage

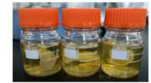
1. Apply skin toning water, essence and lotion after cleansing.
  2. Open the pouch and take the patches out from the plastic case carefully. (Be careful not to touch the center area with fingers).
  3. Remove the white films on the patches and attach it on the desired area.
  4. Remove the transparent films and press vertically the patches on the skin several times with your fingers.
  5. Remove the patches after 1 hours and apply serum.
- ※ 2 or 3-day interval or 2 times per week is recommended for regular use.





# Sterility Test

- Sterility tested through direct immersion
- Its sterility confirmed upto 14 days



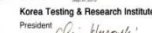
## Safety Test

- Tested under KFSA guidance
- No Pb, As, Sb, Cd, Hg, Methanol, 1,4-Dioxane detected



## Paraben-Free Test

- Tested under KFDA guidance
- No Paraben detected



# THANK YOU

**Please Inquiry To**

**| [Info@beaumed.co.kr](mailto:Info@beaumed.co.kr)**

**Barun Global Marketing Co., Ltd.**

**| Tel. +82-(0)70-4117-0278**

**| Fax. +82-(0)2-2026-8855**

**| Address. 98, Gasan Digital 2-Ro, Geumcheon-Gu, Seoul, Korea**

