

Auto Regeneration - Spicule Therapy

# REPAIR KIT. G

GENUINE BARRIER RECOVERY



THE SERA G offers optimal skin regeneration using 300-micron natural spicules.

The patented manufacturing method stimulates the dermal papilla layer with 300-micron natural spicules, providing effects such as improving skin elasticity layer by layer, strengthening the skin barrier, and improving damaged skin.

POINT 01

Skin  
regeneration

POINT 02

Elasticity  
restoration

POINT 03

Wrinkle  
improvement

POINT 04

Enhancing  
dermal  
density

POINT 05

Minimizing  
skin troubles

POINT 06

Pore  
tightening

POINT 07

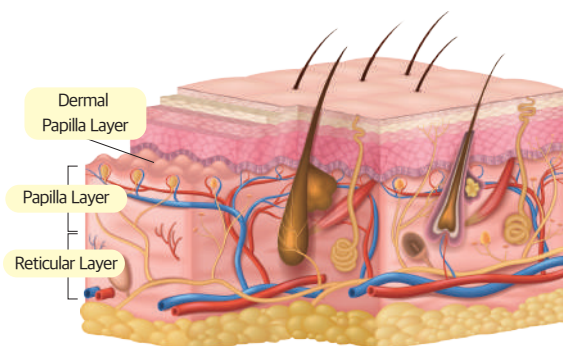
Enhancing  
skin barrier

# Optimal Skin Regeneration Depth: 300 Microns

## Optimal Skin Regeneration, Dermal Papilla Layer

The dermal papilla layer, located just below the basement membrane at a skin depth of 300  $\mu\text{m}$ , is formed in a wave shape connecting the dermis and epidermis and covers 10 to 20% of the upper dermis. The dermal papilla layer is made up of densely tangled collagen fibers that form a protrusion, and each space between them contains a lot of moisture. The higher the wave shape, the better the elasticity of the skin, making it a symbol of youth. This layer contains capillaries and lymphatic vessels that deliver nutrients, oxygen, and water from the reticular layer to the basal layer via nerve cells.

As aging progresses, the dermal papilla layer becomes flat, reducing the contact area between the epidermis and dermis. As a result, the bond between the epidermis and dermis is weakened, increasing vulnerability to external stimulation or mechanical force, causing the skin to easily sag, and the supply of nutrients to the epidermis is reduced, causing serial damage. Therefore, stimulating the dermal papilla layer to induce regeneration is the optimal method to restore the skin's original health.



## THESERA Spicule(DIA Pin) vs. Other Spicules

	THESERA Spicule	Other Spicules
Ingredients	<b>THESERA's patented spicule</b> Extracted from sponges, 99% pure natural micro-needles Coated with RG2 & absorbed chitosan A blend of 99% pure regeneration powder with madecassoside and centella extract	Micro-needles extracted from sponges or seaweed, mixed with herbs
Spicule Length	300 $\mu\text{m}$	50~120 $\mu\text{m}$
Target Layer	0.3mm below the skin surface (Dermal papilla layer)	0.05~0.12mm below the skin surface (Stratum corneum and spinous layer)

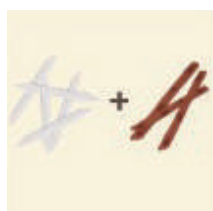


## 300-micron THESERA DIA Pin

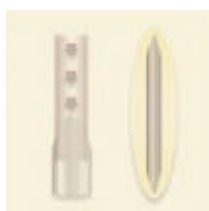
Using a patented manufacturing process, natural micro-needles including **RG2** and **chitosan** penetrate the dermal papilla layer, inducing skin cell regeneration.

► **RG2** - Among the 36 types of saponins in red ginseng, it is a rare and high-value natural ingredient that is particularly effective for wrinkles and elasticity and is extracted through a rigorous separation technique.

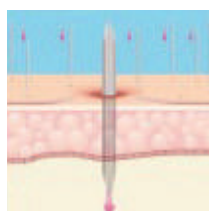
► **Chitosan** - Removes active oxygen and helps repair and restore DNA damage in skin cells.



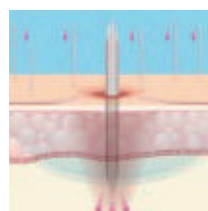
Spicule +  
RG2 ingredient



Coating the  
ingredient



Applying



Absorbing the  
ingredient in dermis


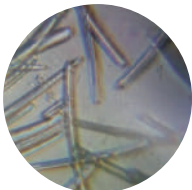


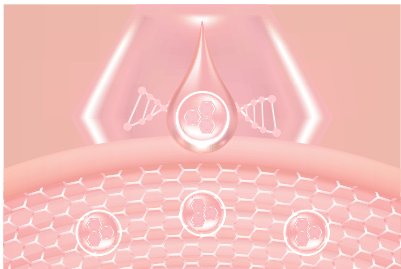

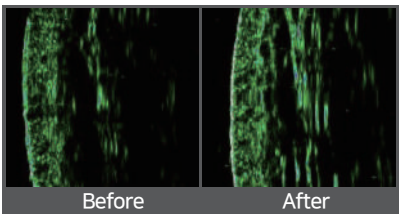
## Natural Pain Relief Formula for Dermal Papilla Layer Management

A natural pain relief formula is applied to provide pain relief and improve skin stiffness, aiding in deep needling into the dermal layer.

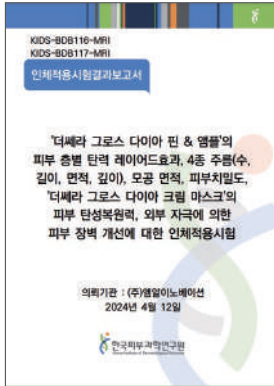
► **Gaultheria Procumbens(Wintergreen) Leaf Extract**: Contains methyl salicylate, a natural pain reliever found in aspirin-like analgesics.

► **Cinnamomum Camphora(Camphor) Leaf Extract & Echinacea**: Helps with pain relief.

# THESERA G Dermal Regeneration System

<b>300 Micron Dermal Regeneration Treatment System</b>	<ol style="list-style-type: none"> <li>1. 300-micron spicules and 99% regeneration powder</li> <li>2. Induction of collagen regeneration in the dermal papilla layer</li> <li>3. Skin regeneration and elasticity restoration, skin barrier improvement, wrinkle reduction, pore refinement, and dermal density improvement</li> </ol>
<b>Dermis Regeneration Needling</b>  	<p>☉ Growth DIA Pin</p> <ul style="list-style-type: none"> <li>- Volume: 400mg * 4ea</li> <li>- Main Ingredients: Hydrolyzed sponge, madecassoside, centella asiatica extract, chitosan, ginseng extract</li> </ul> <div>   </div> <p>Madecassoside content in wound healing balm: 20mg</p> <p>VS</p> <p>Madecassoside content in Growth DIA Pin: <b>100mg</b></p> <p>The main ingredient in the wound healing product, Madecassoside In the form of 99% pure regeneration powder, it helps in cell regeneration, collagen production, and elastin synthesis in the dermal layer, while protecting the skin.</p>
<b>Dermis Regeneration Activation</b>  	<p>☉ Growth DIA Ampoule</p> <ul style="list-style-type: none"> <li>- Volume : 3.5ml * 4ea</li> <li>- Main Ingredients: Hydrolyzed collagen, acetyl hexapeptide-8, copper tripeptide-1, yeast polypeptide, palmitoyl tripeptide-1, centella asiatica leaf extract, panthenol, gaultheria procumbens(Wintergreen) leaf extract, cinnamomum camphora(Camphor) leaf extract, echinacea</li> </ul> <div>  </div> <p><b>*Natural pain relief formula</b></p> <p>Helps deep needling into the dermal layer, reducing pain and improving skin stiffness.</p> <ul style="list-style-type: none"> <li>- Gaultheria procumbens(Wintergreen) leaf extract: Contains methyl salicylate, a natural pain reliever found in aspirin-like analgesics.</li> <li>- Cinnamomum camphora(Camphor) leaf extract &amp; Echinacea: Helps with pain relief.</li> </ul>
<b>Skin Elasticity Restoration</b>  	<p>☉ Growth DIA Cream Mask</p> <ul style="list-style-type: none"> <li>- Volume : 10ml * 4ea</li> <li>- Main Ingredients: Cholesterol, ceramide NP, ethyl linoleate, hydrolyzed collagen, bakuchiol, signal peptides (palmitoyl peptide-4, palmitoyl tripeptide-5, palmitoyl tetrapeptide-7, hexapeptide-11)</li> </ul> <div>  </div> <p>The changes in skin elasticity before and after applying the Growth DIA Cream Mask</p> <p>※ Specialized Ingredients for Elasticity Recovery ※</p> <p>A blend of collagen types 1 to 5, optimized for skin elasticity, using ultra-low molecular weight collagen (300Da) for deep skin absorption.</p> <p><b>4 kinds of Signal Peptides</b></p> <p>" Palmitoyl peptide-4, Palmitoyl tripeptide-5, Palmitoyl tetrapeptide-7, Hexapeptide-11 "</p> <ul style="list-style-type: none"> <li>- Stimulate fibroblasts to induce collagen synthesis</li> <li>- Inhibit collagen hydration</li> <li>- Directly stimulate fibroblasts to inhibit MMPs.</li> </ul>

# The Test for Human Application and Effectiveness for Skin of THESERA G



**Conclusion:** “THESERA Growth DIA Pin & Ampoule” showed effects on giving elasticity in each skin layer, and improved four types of wrinkles (number, length, area, depth), pore area, and skin density. No adverse skin reactions were observed.

**Test title:** Human application test for the skin layer-by-layer elasticity effect, four types of wrinkles (number, length, area, depth), pore area, and skin density improvement of “THESERA Growth DIA Pin & Ampoule”

**Product name:** THESERA Growth DIA Pin & Ampoule

**Testing institution:** Korea Institute of Dermatological Sciences

**Test subjects:** 21 adult women aged 31-65 years

**Test period:** February 29th, 2024 ~ April 12th, 2024

**Application Method:** Applied for 2 weeks on skin requiring regeneration, followed by a comparative evaluation after 2 weeks.

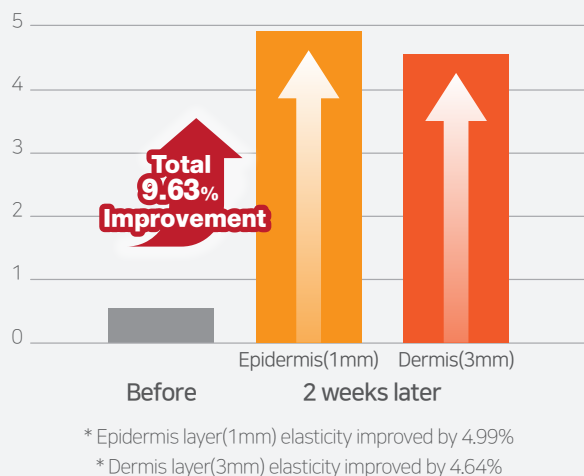
◎ Wrinkle improvement rate(%)



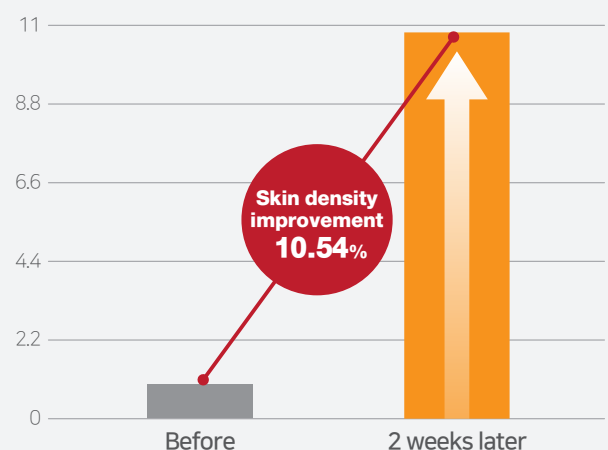
◎ Pore size improvement rate(%)



◎ Epidermis/Dermis elasticity improvement rate(%)

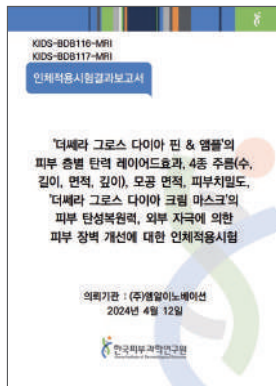


◎ Skin density improvement rate(%)





# The Test for Human Application and Effectiveness for Skin of THESERA G



**Conclusion:** “THESERA Growth DIA Cream Mask” improved skin elasticity restoration and skin barrier enhancement damaged by external stimuli. No adverse skin reactions were observed.

**Test title:** Human application test for skin elasticity restoration and skin barrier improvement of “THESERA Growth DIA Cream Mask”

**Product name:** THESERA Growth DIA Cream Mask

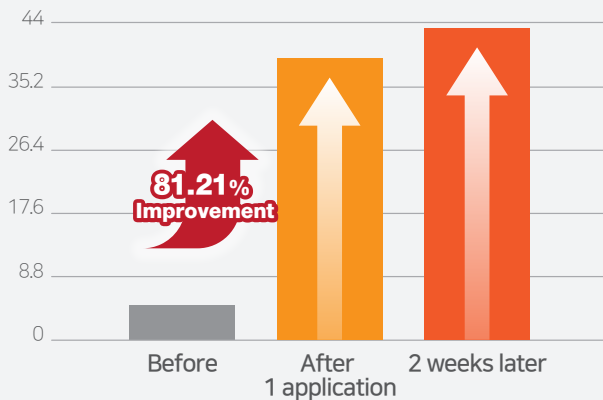
**Testing institution:** Korea Institute of Dermatological Sciences

**Test subjects:** 21 adult women aged 31-65 years

**Test period:** February 29th, 2024 ~ April 12th, 2024

**Application method:** Applied for 2 weeks on skin requiring regeneration, followed by a comparative evaluation after 2 weeks.

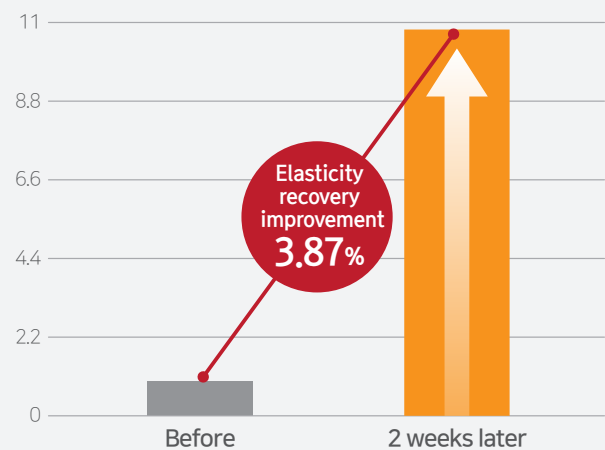
◎ Skin barrier improvement rate against external stimuli(%)



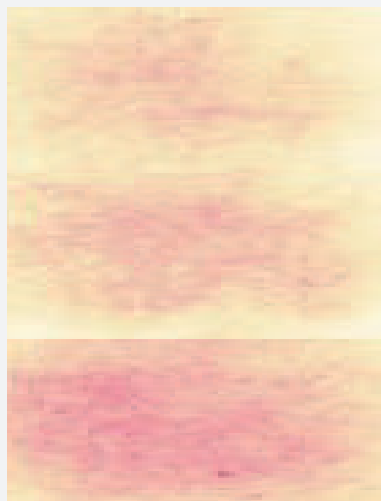
\* Skin barrier improvement rate increased by 37.57% after 1 application

\* Skin barrier improvement rate increased by 43.64% after 2 weeks

◎ Skin elasticity restoration rate(%)



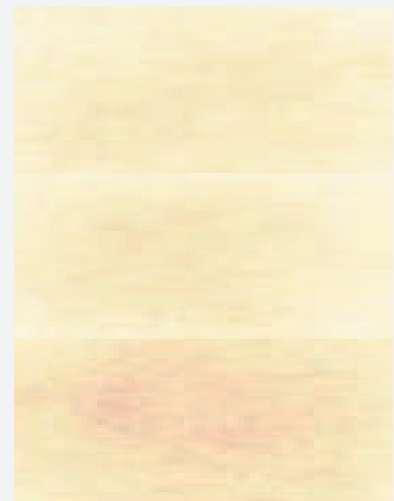
◎ Reported adverse reactions from the subjects



Damaged skin



After 1 application











2 weeks later

- 21 participants applied the product for 2 weeks
- Application on damaged skin and normal skin.
- **No adverse reactions** were observed, including redness, swelling, exfoliation, itching, or burning sensation.

# THESERA G Dermis Regeneration Program

■ 4 treatments per a kit / Duration of one treatment: 40 min.

STEP	Product	Duration	Directions
Cleansing	 Repose Balance Milk Cleanser (500ml)	5 min.	Take an appropriate amount into a glass bowl and apply over the face. Massage gently to remove makeup, dirt, and other impurities.
pH Balance	 Repose Balance Moisturizing Toner (500ml)	2 min.	Take an adequate amount onto a cotton pad and gently smooth out the skin texture.
Technique	Fascia Technique	5 min.	<ol style="list-style-type: none"> <li>1. Perform myofascial massage.</li> <li>2. It helps to soften myofascial tissues, release adhesions and cross-links, promote blood circulation, alleviate pain, and achieve excellent lifting effects for facial contour improvement through enhanced oxygen supply.</li> <li>3. Repeat each movement 2-3 times.</li> </ol>
Needling for Inducing Regeneration	 Growth DIA Pin (400mg * 4ea) + Growth DIA Ampoule (3.5ml * 4ea)	5 min.	<ol style="list-style-type: none"> <li>1. Mix a DIA Pin and DIA ampoule in a glass bowl, then apply to the skin using a brush.</li> <li>2. Wear gloves and do the needling technique to absorb the fine DIA pins.</li> </ol> <p>► When applying to the skin, do not rub. Rubbing can cause irritation, redness, and keratosis due to the fine needles. After applying to the skin, gently press the needles into the skin.</p> <p>► You may feel the needles penetrating the skin. The needles gradually dissolve in the skin, providing action for 72 hours to assist in the absorption of cosmetics.</p> <p>► Tip: For areas with pigmentation, aging, or accumulated keratin, rub lightly.</p>
Restore skin elasticity	 Growth DIA Cream Mask (10ml * 4ea)	20 min.	<ol style="list-style-type: none"> <li>1. Take an appropriate amount of DIA Cream Mask into a glass bowl and apply it to the skin using a brush.</li> <li>2. Allow the Cream Mask to absorb into the skin for 20 minutes to restore elasticity.</li> <li>3. After 20 minutes, do the light lymphatic technique for deep absorption.</li> </ol>
Finishing	 Hydrating Repair Essence (30ml) +  Hydrating Repair Cream (20ml) +  Perfect Sun Screen (50ml) +  Hydrating Repair Blemish Balm (30ml)	3 min.	Apply the Repair Essence, which promotes skin recovery and improves damaged skin with vitamin K3. Next, apply the Repair Cream, which helps prevent the loss of active ingredients and blocks external irritants to improve the skin barrier. Finally, apply the Repair Blemish balm to help soothe and recover red, irritated skin.

# THESERA Fascia Technique

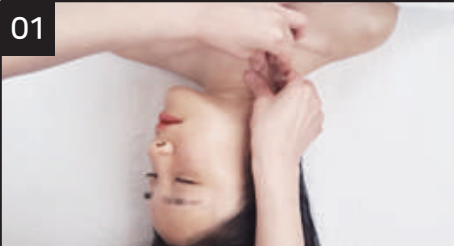




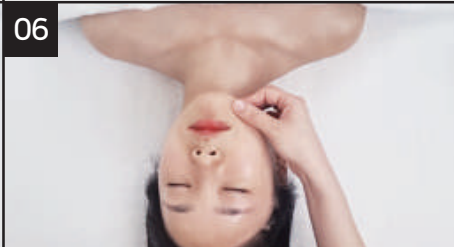
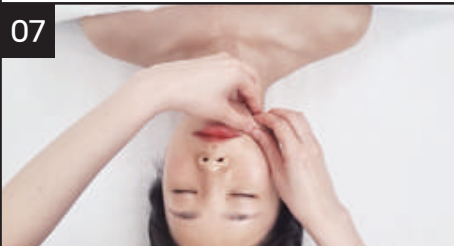



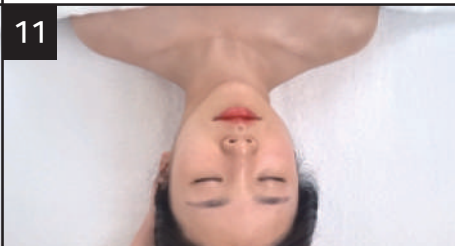

## ■ What is the Fascia Technique?

It is a technique to facilitate the circulation of blood and lymph by relieving the stiffness or abnormal adhesions in the fascia (the membrane that wraps the surface of muscles) where body fluids have become stagnant. It promotes the regeneration cycle and improves the facial contours deformed by disordered muscles.

## ■ Effects

1. Softens fascia tissues and promotes blood circulation
2. Alleviates pain and reduces muscle tension through a smooth oxygen supply
3. Lifting effect by improving facial lines

## ■ Directions

01		02		03	
Divide the neck in half, grab the muscles with both hands, press them as if rolling, and then hold the muscles.		Align the thumbs and press along the hairline, executing a twisting motion.		Divide the forehead in half, align the thumbs, and press gently while twisting.	
04		05		06	
Divide the forehead in half, push the muscles with both hands as if rolling.		Pinch from the inner to the outer eyebrows (stimulate corrugator muscle).		Press the upper jawline with the thumbs, shaking the points.	
07		08		09	
Gather the lower jaw muscles, lift them gently, and pinch slightly upwards.		Push the cheek muscles from inside to outside with both hands as if rolling.		Press the points in front and behind the ears with thumbs while shaking.	
10		11		 Refer to the management video(insert QR code)	
Stretch lymph nodes by holding one hand on the head and one on the shoulder, then repeat on the other side.		Support under the neck with both hands, pull gently, then press behind the ears and release slowly.			

# THESERA DIA-needling Technique










## ■ What is the DIA-needling Technique?

It is a technique used to absorb products containing spicules, delivering active ingredients deep into the skin safely without stimulating the epidermis to maximize effects.

## ■ Effects

1. Makes the cosmetics absorbed into the skin without irritation.
2. Promotes blood circulation through light pressing motions, resulting in a lifting effect.
3. Stimulates nerves to revitalize skin tissue.

## ■ Directions

01		02		03	
After applying the product, place both hands on the forehead, press in the 0°, -45°, -90° directions, and apply the technique to the entire forehead.					
04		05		06	
Press the product along the jawline in the 0°, -45°, -90° directions, applying the technique to the entire jawline -> cheeks -> cheekbones -> philtrum and nose area.					
07		08		09	
Use the wide area of the palm to lift the jawline in the lifting direction.		Lift the cheekbone area in the lifting direction with both hands.		Apply the technique along the lower jaw area with both hands, then finish.	

▶ Refer to the management video (insert QR code)

# THESERA G Precautions

THESERA G helps regenerate the skin's papillary dermis safely, improving damaged skin like acne-prone or aging skin. Understanding and adhering to the precautions can enhance efficacy.

## ■ Pre-treatment Precautions

Check the skin type and proceed with the treatment suitable for the skin type.

## ■ Post-treatment Precautions

- ✓ Use light water cleansing to minimize irritation.
- ✓ Avoid UV exposure, alcohol, sauna, and excessive exercise for three days post-treatment as the DIA Pins work in the skin for 72 hours.
- ✓ Temporary dryness may occur; ensure adequate water intake and use Hydroglow Cell Ampoule and Hydroglow Cell Cream for sufficient hydration.
- ✓ Avoid exfoliating products or home care products containing AHA/BHA or acids during the regeneration period.  
Use Repair Essence and Repair Cream to promote regeneration.
- ✓ Pigmentation may occur if peeling skin is forcibly removed; do not forcibly remove it and ensure adequate hydration and prioritize UV protection.

## ■ Recommended For

- ✓ All men and women who want skin improvement.
- ✓ Those who want to recover sensitive or damaged skin.
- ✓ Those with microvascular dilation or redness seeking quick improvement and regeneration.
- ✓ Those needing pigment and scar treatment post-acne care.
- ✓ Those with ongoing comedonal or inflammatory acne.
- ✓ Those wanting to improve pigmentation on the back or chest.
- ✓ Those wanting to improve dull complexion and cakey makeup.

## ■ Treatment Cycle by Skin Type

- ✓ Sensitive/Delicate Skin: Recommended once every 10 days
- ✓ Normal/Acne-Prone Skin: Recommended once a week

## ■ At-home Care Products Guide

Day of Treatment	Day 2-3	Day 4-6	Day 7
Cleansing not recommended	Recovery period		Regeneration care
Skin Symptoms(Varies by skin type)			
√ Feeling of DIA Pins √ Redness, heat	√ Feeling of DIA Pins √ Slight heat √ Itchiness	√ Find dead skin cells fall off √ Dryness	√ Complexion improvement √ Natural volume √ Skin problems improvement √ Redness improvement √ Scar improvement
Recommended At-home Care Products			
For all skin types	Hydrating Repair Essence	➡ Hydrating Repair Cream	➡ Hydrating Repair Blemish Balm
For problematic/acne skin	Cica Clearing Ampoule	➡ Cica Clearing Cream	➡ Hydrating Repair Blemish Balm