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Paeon Aesthetics Inc.

# SMTS

MicroNeedling with No Pain



### 3 MAIN FEATURES

#### Good Stability

Active cosmetic ingredients like oligo/polypeptides can be degraded when added to cosmetics. Their activities, however, are stably maintained by the SMTS Technology.

#### Good Delivery

Soluble hyaluronic acid based micro-spicules facilitate the delivery of active ingredients deep into the skin.

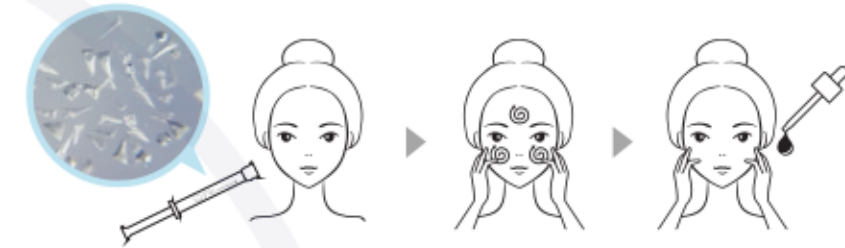
#### Good Ingredients

Oligo/polypeptides, stem cell conditioned media, or polydeoxyribonucleotide(PDRN) entrapped in micro-spicules boost skin conditions significantly.

### SOLUBLE MICROSPICULE TECHNOLOGY

#### How to use

- Pyramidal or Trigonal shape of micro-spicules
- Concentrated application of active ingredients
- Keratin layer removal by scrubbing and patting
- Dissolving micro-spicules with solution, mist, or mask pack



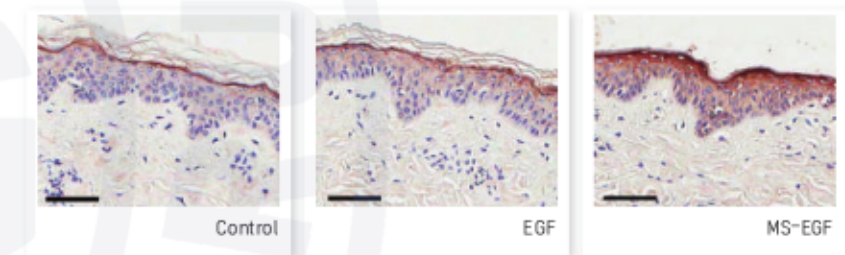
Bio SMTS

### CLINICAL DATA PUBLISHED

#### Anti-wrinkle Efficacy and Safety of Micro-Spicule (Micro-Needle) Containing Epidermal Growth Factor

- Department of Dermatology, Chungnam National University Hospital, Daejeon, Korea
- Paeon Biotechnology Inc.

#### Skin Penetration Study of EGF

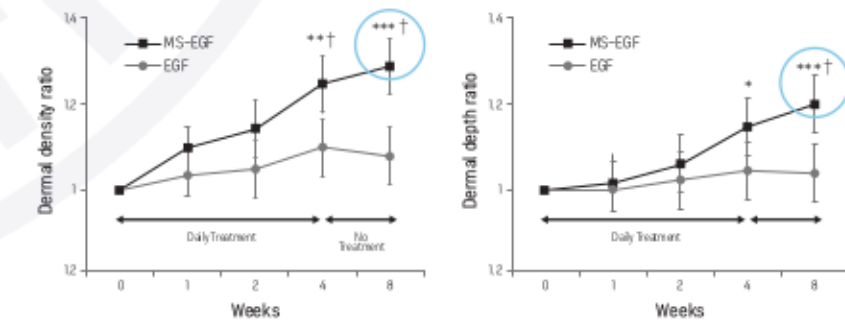


#### Anti-Wrinkle Efficacy Study

- 20 healthy volunteers, split-face study
- Daily application for 4 weeks



#### Derma Density & Depth



\*P<0.05, \*\*P<0.01, \*\*\*P<0.001 vs. baseline; †P<0.05, ††P<0.01 vs. EGF

(J.M Ha et al, The effect of micro-spicule epidermal growth factor on periorcular wrinkles. Annals of Dermatology, 2017)

HA  
MICROSPICULE  
PRODUCTS



### SMTS EGF Oil Scrub Essence

[1g x 10ea]/box  
Preservative free

A world premier soluble MTS (SMTS) technology is applied to this 'SMTS EGF Oil Scrub Essence'. To penetrate the useful ingredients like hyaluronic acid and oligopeptide-1 (EGF) deeply into the skin, they are entrapped in hyaluronate (HA) micro-spicules (microneedle particles) and suspended in the essence paste. EGF stability in the paste is guaranteed by the proprietary SMTS technology used.

It makes the skin look brighter and firmer.  
Patented and clinically tested sMTS technology facilitates the delivery of active ingredients to moisturize the skin and reduce the wrinkle.



DISSOLVING  
SOLUTION

### SMTS Triple Activating Serum

50ml

This 'SMTS Triple Activating Serum' contains niacinamide and adenosine as active ingredients, which whiten and improve wrinkles of skin.

This is a dual functional serum that can be used for dissolving the HA micro-spicules in the SMTS Essence as well.

Intensive Care

DISSOLVING  
MIST

### SMTS Glacier Water Mist

30ml

This 'SMTS Glacier Water Mist' contains glacier water and sodium hyaluronate, which moisturize and soothe the skin.

It can be used after applying the 'SMTS EGF Oil Scrub Essence', 'SMTS ADSC Oil Scrub Essence Plus', or any other intensive care SMTS essence products to dissolve and absorb the micro-spicules into the skin.



Intensive Care

HA  
MICROSPICULE  
PRODUCTS



### SMTS ADSC Oil Scrub Essence Plus

(3g x 4ea)/box

Patented SMTS technology is used to create a moisturizing and smooth complexion of the skin.

Key ingredients like amino acids, oligopeptide-1, sh-polypeptide-1, sh-polypeptide-4, and sodium DNA (floreol PDRN) in the micro-spicules are absorbed deeply into the skin by the SMTS technology.

DISSOLVING  
MIST

### SMTS ADSC Stem Cell Mist

30ml

This 'SMTS ADSC Stem Cell Mist' contains glacier water, stem cell conditioned media (10,000 ppm), and sodium hyaluronate as main ingredients which moisturize and soothe the skin.

It can be combined to use with the 'SMTS EGF Oil Scrub Essence', 'SMTS ADSC Oil Scrub Essence Plus', or other intensive care SMTS essence creams.



DISSOLVING  
MASK PACK

### SMTS Dual HA : Mask Pack Plus

1 sheet / pack, 5 packs / box

This is a high nutrient-concentrated Tencel cellulose sheet mask with ingredients of *Portulaca oleracea* extract, *Camellia sinensis* leaf extract, *Houttuynia cordata* extract, *Camellia japonica* flower extract, *Magnolia officinalis* bark extract, and useful amino acids.

It provides the damaged dry skin with satisfactory effectiveness of moisturizing and soothing so that it makes the skin elastic and rejuvenated.



COMBINATION PRODUCTS

Intensive Care

**SMTS Oil Crystal Essence Kit**

SMTS Oil Spicule Essence (1ml x 5ea) / pouch  
SMTS Triple Activating Serum 50ml

This kit consists of two pouches [5 syringes of 'SMTS Oil Spicule Essence' in a pouch] and one bottle of 'SMTS Triple Activating Serum'. The 'SMTS Oil Spicule Essence' enclosed in this kit contains hyaluronate (HA) based micro-spicules with skin boosting materials like oligopeptide-1, Edelweiss (*Leontopodium alpinum*) callus culture extract, and floret polydeoxyribonucleotide (PDRN).



MICROSPICULE SYRINGE WITH DISSOLVING MASK PACK

**SMTS Crystal Mask Pack Kit**

(0.5ml x 1 ea + sheet) / pack  
5 packs / box

This kit consists of one syringe of 'SMTS Oil Spicule Essence' (0.5ml) and one Tencel cellulose sheet mask in a pack.

Applying the 'SMTS Oil Spicule Essence' on the face and scrubbing it for about 20~30 sec, put the cellulose sheet mask soaked with solution on the face for 15 min or more. The HA micro-spicules will then be dissolved and absorbed so that you will feel the difference next day.



Intensive Care

HA MICROSPICULE PRODUCT

**SMTS Oil Crystal Essence Set**

SMTS Oil Spicule Essence 1ml x 12ea  
SMTS Triple Activating Serum 50ml

This set consists of 12 syringes of 'SMTS Oil Spicule Essence' and one bottle of 'SMTS Triple Activating Serum'. The 'SMTS Oil Spicule Essence' enclosed in this kit contains hyaluronate (HA) based micro-spicules with skin boosting materials like oligopeptide-1, Edelweiss (*Leontopodium alpinum*) callus culture extract, and floret polydeoxyribonucleotide (PDRN).

This professional bio-cosmetic kit that the proprietary SMTS technology is applied facilitates the delivery of active ingredients deep into the skin.



HA MICROSPICULE PRODUCT + DISSOLVING MIST

**SMTS ADSC Oil Scrub Essence Plus G2 Set**

SMTS ADSC Oil Scrub Essence Plus 3g x 2ea  
SMTS Glacier Water Mist 30ml

This set consists of two 3ml syringes of 'SMTS ADSC Oil Scrub Essence Plus' and one 'SMTS Glacier Water Mist'. Apply the 'SMTS ADSC Oil Scrub Essence Plus' cream on the face, scrub for 20~30 sec, and then spray the 'SMTS Glacier Water Mist' to dissolve ingredients entrapped in the micro-spicules.

Dissolved ingredients in the essence cream will then revitalize the skin.



HA MICROSPICULE PRODUCT + DISSOLVING MIST

**SMTS ADSC Oil Scrub Essence Plus S3 Set**

SMTS ADSC Oil Scrub Essence Plus 3g x 3ea  
SMTS ADSC Stem Cell Mist 30ml

This set consists of three 3 ml syringes of 'SMTS ADSC Oil Scrub Essence Plus' and one 'SMTS ADSC Stem Cell Mist'. Apply the 'SMTS ADSC Oil Scrub Essence Plus' cream on the face, scrub the face for 20~30 sec, and then spray the 'SMTS ADSC Stem Cell Mist' to dissolve ingredients entrapped in the micro-spicules. Dissolved ingredients in the essence cream will then revitalize the skin.





**SMTS  
Moisturizing Foaming  
Cleanser**

150ml

This 'SMTS Moisturizing Foaming Cleanser' is a cleansing product recommended to use prior to applying the SMTS intensive care products that contain micro-spicules. This cleanser prevents skin irritation and uses gentle foam to effectively remove skin impurities and makeup residues. After use, the skin will stay moisturized for a long period of time.

**SMTS  
Dual HA : SUN BLOCK**  
60g  
SPF 44 PA++

It is recommended to use this sun cream after SMTS intensive care products are applied during daytime. It is also useful for protecting the skin from UV light after IPL treatment in the clinics.



**SMTS EFFECT GF NIGHT CREAM**  
50ml

This highly moisturizing nutrient cream contains two functional ingredients (adenosine for anti-wrinkle and niacinamide for whitening the skin) and multiple oligopeptides which help brighten the complexion and retain the skin's elasticity.

**SMTS  
MULTI-PROTECTION DAY CREAM**  
50g  
SPF 44 PA++

This 'Multi-Protection Day Cream' protects not only the skin from UV light but also from chemicals. The key ingredients such as sodium hyaluronate, astaxanthin, and oligopeptide-1 help keep the skin moisturized and healthy.



**SMTS EFFECT  
ANTI-WRINKLE EYE SERUM**  
15ml

This product contains multiple oligopeptides, adenosine for anti-wrinkle, niacinamide for whitening, algae extracts, sodium hyaluronate, bee venom, and silk proteins, which revitalize the skin around the eyes and make the skin look younger and healthier.





Application Program Recommended

**VBG** | COSMETIC

**Официальный дистрибьютор**

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Пн-Пт: с 9:00 до 18:00

**www.vbg-cosmetic.ru**