

# Bye:mela Spot Patch

"Blow your worries about melasma away"



# MARCHEN BYEMELA SPOT PATCH

A patch that removes worries about skin troubles

#### Skin care cosmetic, All skin types

- ✓ Marchen Byemela Spot Patch helps to provide you with solution about imperfections on skin.
- ✓ It's much better to use Marchen Byemela Shining Ampoule together.

#### [Volume] 30ml

[How to use] Evenly apply a suitable amount on skin and take the patch off after 15~20 minutes.



#### EFFECTIVENESS AND BENEFITS

#### Whitening and Wrinkle care

Ingredients helping to brighten skin contains in this patch, which leads to make skin clean and clear.

#### Troubleshooter

Byemela Spot Patch provide you with solution about imperfections on skin.



## MAIN INGREDIENTS

It makes skin visibly revitalized and moisturized with a more beautiful tone.

#### [Ingredients brightening and moisturizing skin contained]

Solanum Lycopersicum (Tomato) Callus Culture Extract

Alpha-Arbutin Sodium Palmitoyl Proline, Nymphaea Alba Flower Extract

Tranexamic Acid

Patented combination of peptides Ipomoea Hederacea Callus Culture Extract

Blue Complex



### TEXTURE

Light pink formula with delicate lavender scent such as a peel-off pack.



[An image showing that ampoule is smoothly applied on skin ]

[ Formula ]

#### **BEFORE-AND-AFTER PHOTOS**

Light pink formula with delicate lavender scent such as a peel-off pack. It makes skin naturally bright and luminous.



[ You can easily compare with the before-and-after photos above. ]

#### CLINICAL TEST COMPLETED

The clinical trial is based on Byemela Spot Patch and Byemela Shining Ampoule used together.

KC Skin Research Center/20persons/after 4weeks/individually different

#### ☑ Improving skin tone

9<sup>th</sup> Mar. 2020~7<sup>th</sup> April 2020

- Reducing distribution of melasma and imperfections 9th Mar. 2020~7th April 2020
- Reducing melasma which isn't easily invisible as well 9<sup>th</sup> Mar. 2020~7<sup>th</sup> April 2020
- Reducing the area which has melasma 9<sup>th</sup> Mar. 2020~7<sup>th</sup> April 2020
- The number of melisma decreased 9th Mar. 2020~7th April 2020
- Setting skin supple 9<sup>th</sup> Mar. 2020~7<sup>th</sup> April 2020
- Moisturizing skin

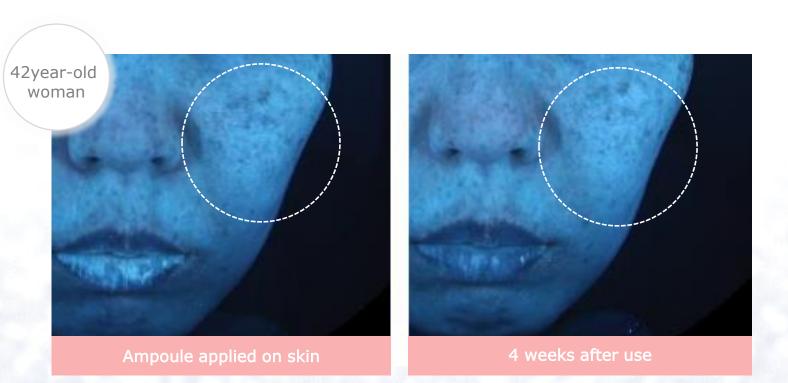
9<sup>th</sup> Mar. 2020~7<sup>th</sup> April 2020



#### Distribution chart of melisma and imperfections (Janus1Mark II, Polarized light)



KC Skin Research Center/9th Mar. 2020~7th April 2020/20persons/after 4weeks/individually different



Melasma on skin (Janus1Mark II, UV light)

KC Skin Research Center/9<sup>th</sup> Mar. 2020~7<sup>th</sup> April 2020/20persons/after 4weeks/individually different

# An area which has melasma (Antera 3D) 43year-old woman

KC Skin Research Center/9<sup>th</sup> Mar. 2020~7<sup>th</sup> April 2020/20persons/ after 4weeks/individually different

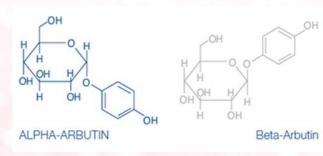
# An area which has melasma (Antera 3D)



KC Skin Research Center/9<sup>th</sup> Mar. 2020~7<sup>th</sup> April 2020/20persons/ after 4weeks/individually different

#### ALPHA-ARBUTIN

Alpha-arbutin is one of ingredients which shows strong effects improving skin tone and is generally used by well-known brands. It helps to boost it's benefits with Niacinamide.



[Structure of Alpha-Arbutin]



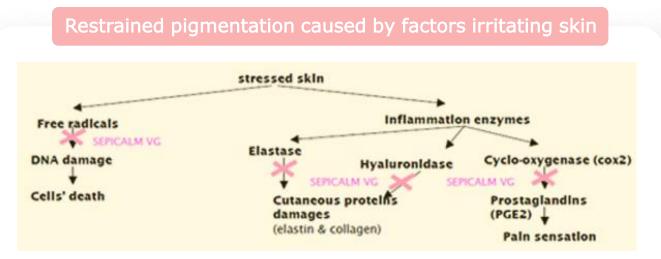


[Human Melanocytes Control]

[Human Melanocytes with Alpha-Arbutin after 14 days]

### SODIUM PALMITOYL PROLINE, Nymphaea Alba Flower Extract

A country where is patented from: USA, EU, France



It is an super active ingredient which helps to inhibits melanin. This effect can be promptly seen within just 7 days. And it is effective for keeping skin cool in heat of sun light.

 $\ensuremath{\mathbbmm}$  The very efficiency corresponds to the efficiency and effectiveness of the raw material itself.

#### **TRANEXAMIC ACID**

#### Ann Dermatol Vol. 27, No. 3, 2015

#### http://dx.doi.org/10.5021/ad.2015.27.3.250

ORIGINAL ARTICLE

#### Tranexamic Acid Diminishes Laser-Induced Melanogenesis

Myoung Shin Kim, Seung Hyun Bang<sup>1</sup>, Jeong-Hwan Kim<sup>2</sup>, Hong-Ju Shin<sup>2</sup>, Jee-Ho Choi<sup>1</sup>, Sung Eun Chang<sup>1</sup>

Department of Dermatology, Inje University, Sanggye Palk Hospital, <sup>1</sup>Department of Dermatology, University of Ulsan Gollege of Mollicine, Aun Molliul Conter, Stoul, <sup>1</sup>Aesthetic Research Team, Amore Palific Corporation Research and Development Conter, Yongie, Korea

pigmentation (PIH) remains challenging, Tranexamic acid, a tractive candidate for the treatment of PIH. (Ann Dematol well-known anti-libringhtic drag, has secondly demon- 27(B 250~256, 2015) strated a curative effect towards melasma and ultraviolet-induced PIH in Asian countries. However, the precise mechanism of its inhibitory effect on melanogenesis is not Hyperpigmentation, Melanocytes, Tranexamic acid fully understood. Objective: In order to clarify the inhibitory effect of tranexamic acid on PIH, we investigated its effects on mouse melanocytes (i.e., melan-a cells) and human INTRODUCTION melanocytes. Methodic Melan-a cells and human melanocytes were cultured with fractional CO<sub>2</sub> laser-treated kerati- Pigmontation disorders are common skin diseases whose nocyte-conditioned media. Melanin content and tyrosinase dermatologic treatment remains challenging. Although activity were evaluated in cells treated with or without tranexamic acid. Protein levels of tyrosinase, tyrosinase-related of skin type, they are more problematic in people with protein (TRP)-1, and TRP-2 were evaluated in melan-a cells. darker complexions, such as Asians<sup>1</sup>. In this context, post-Signaling pathway molecules involved in melanogenesis in inflammatory hyperpigmentation (PD+) after cosmetic promelanoma orth were also investigated. Results: Transvartic cedures including laser treatment and peeling is an imacid-treated melanocytes exhibited reduced melanin content and tyrosinase activity. Tranexamic acid also decreased tyrosinase, TRP-1, and TRP-2 protein levels. This inhibitory Tyrosinase is the key enzyme involved in this process and effect on melanogenesis was considered to be involved in ex-negulates the sate-limiting steps of melanogenesis?. Theretracellular signal-regulated kinase signaling pathways and fore, many studies have focused on finding tyrosinase insubsequently microphthalmia-associated transcription fac-hibitors<sup>3</sup>, Accordingly, tassinase inhibitors including hy-

publication August 14, 2014

Presented regist 14, 4017 Generating and Reveals. Instance of Dormanology and Reveals. Instance of Dormanology: Acan Model Crossy Diamonity of Usan College of Modeline, Bit Operperive, 44-40 Sengency, Send 126-736, Kenn Bit 183-3003-3466, Feas 82-5 567-731, Feasi Commonlightmulance Methods and Commonlight Commonlight Commonlight Commonlight Common Diamonlight Commonlight Commonlight Common Diamonlight Commonlight Commonlight Commonlight Common Diamonlight Commonlight Commonlight Commonlight Common Diamonlight Commonlight Common Diamonlight Commonlight Common Diamonlight Commonlight Common Diamonlight Common Diamonlight Commonlight Common Diamonlight Common Diamonli Common Diamonlight C

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Background: The treatment of post-inflammatory hyper- tor degradation. Conclusion: Transxamic acid may be an at-

-Keywords-

women.

droquinone, ascorbic acid, kojic acid, and arbutin have been applied for the treatment of hyperpigmentation". Received April 7, 2014, Bevised August 7, 2014, Accepted for However, studies aiming to End more effective and safe

This is an Open Access article distributed under the terms of the hibits the plasmin/plasminogen system; thus, it has been used to prevent blood loss during surgery<sup>8</sup>. In addition to its hemostatic effects, TA exhibits anti-allergic and anti-inflammatory effects on various skin diseases such as an-

#### Tranexamic Acid Diminishes Laser-Induced Melanogenesis

→(번역) 트라넥사믹애씨드가 햇빛에 노출되어 생성된 말라닌을 약화시킵니다.

#### A clinical study showed that Tranexamic Acid is very effective for improving melasma.

A study on Tranexamic Acid, treating melasma in a paper

X The very efficiency corresponds to the efficiency and effectiveness of the raw material itself.

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#### **BLUE COMPLEX**

A country where is patented from: Republic of Korea





The ingredient helping to give hydration to skin and to calm it down contains Borago Officinalis, Centaurea Cyanus Flower, Lavandula Angustifolia (Lavender), Chamomilla Recutita (Matricaria), Hyacinthus Orientalis, Salvia Sclarea (Clary)'s distillate. It helps to prevent aging by improving dryness, lack of elasticity and roughness.

 $\times$  The very efficiency corresponds to the efficiency and effectiveness of the raw material itself.

#### IPOMOEA HEDERACEA CALLUS CULYUTE EXTRACT

A country where is patented from: Republic of Korea



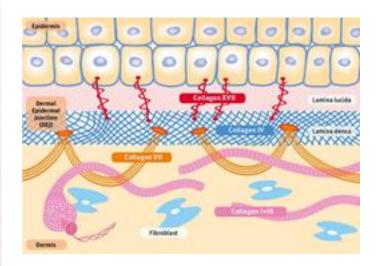


Extract of Pharbitis nil for brightening skin is being consistently developed. it is 4 times more effective than Kojic acid. On the other hand, it is 20 times way more effective than Arbutin. Extract of Pharbitis nil is a newly emerging material making skin radiant nowadays.

 $\ensuremath{\mathbbmm}$  The very efficiency corresponds to the efficiency and effectiveness of the raw material itself.

#### **Total Collagen Booster**

A country where is patented from: Republic of Korea, USA, EU, Japan



Main peptides which are consist of skin layers help to synthesize 5 kinds of collagen and they make skin smooth and supple.

X The very efficiency corresponds to the efficiency and effectiveness of the raw material itself.

#### Solanum Lycopersicum (Tomato) Callus Culture Extract

A country where is patented from: Republic of Korea





Composition for cosmetic application containing Solanum Lycopersicum (Tomato) Callus Culture Extract(Patent no.: 10-1107925)

A tomato contains Carotenoid, 'Lycopene'.

It is an antioxidant ingredient which brightens, clams and regenerates skin.

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Bye: mela MARCHEN

Bye: mela

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30 ml

### HOW TO USE

#### DESCRIPTION

 $\circ\,$  Evenly apply a suitable amount on skin and take the patch off after 15~20 minutes.

Please check your before-and-after use!

### **BEAUTY TIP! - DUO CARE**

You can effectively improve melasma by using Byemela Spot Patch together.







# Thank you!

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