2nd edition of melasma care

Whitening, Anti-wrinkle care

# Bye:mela

**Shining Ampoule** 

"Blow your worries about melasma away"



#### MARCHEN BYEMELA SHINING AMPOULE

Whitening, Anti-wrinkle care

Skin care cosmetic, All skin types

- ✓ Marchen Byemela Shining Ampoule is a product helping to brighten skin and to smooth wrinkles.
- ✓ It also makes skin glow and luminous.

[Volume] 30ml

[Description] With a suitable amount, evenly apply it on skin.



Bottle with Dispenser



Delicate Lavender



Light ivory



Soft and moist

#### **Benefits and Effectiveness**



#### Whitening, Anti-wrinkle care

Niacinamide and Adenosine announced by Ministry of Food and Drug Safety will help to brighten skin and to improve wrinkles.



#### Anti-blemish solution

Patented ingredients improves blemishes which aren't easily invisible as well.



#### Radiant skin

This ampoule helps to make skin much brighter than before.



#### 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

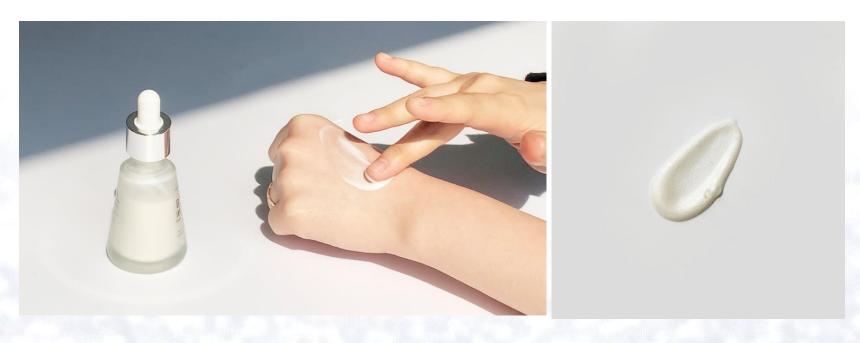
Ipomoea Hederacea Callus Culture Extract

Blue Complex



## **TEXTURE**

Ivory ampoule with delicate lavender scent is naturally absorbed into skin.



[ This image shows that ampoule is smoothly applied on skin. ]

[ Formula]

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

It is smoothly applied and makes skin luminous.



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



[Skin becomes bright and luminous after using Byemela Ampoule.]

#### **CLINICAL TEST COMPLETED**

A Byemela Shining Ampoule improving melisma and wrinkles was clinically tested.

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

Skin irritation test

18th Mar. 2020~20th Mar. 2020

☑ Improving skin tone

9th Mar. 2020~7th April 2020

Market Reducing distribution of melasma and imperfections

9th Mar. 2020~7th April 2020

Mark Reducing melasma which isn't easily invisible as well

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

Market Reducing the area which has melasma

9th Mar. 2020~7th April 2020

▼ The number of melisma decreased

Output

Description

Output

Description

9th Mar. 2020~7th April 2020

✓ Getting skin supple

9th Mar. 2020~7th April 2020

Moisturizing skin

9th Mar. 2020~7th April 2020



## Distribution chart of melisma and imperfections

(Janus1Mark II, Polarized light)



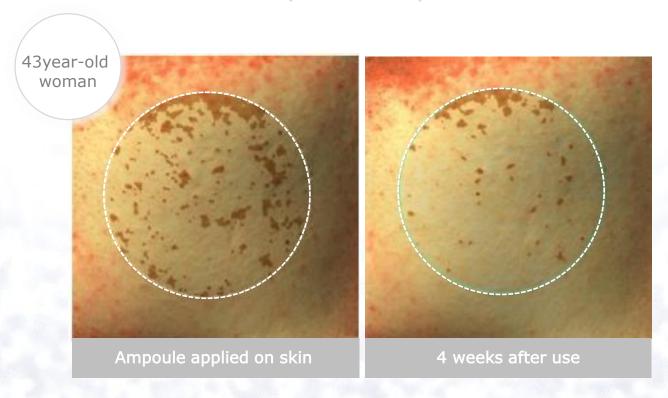
KC Skin Research Center/9th Mar. 2020~7th April 2020/20persons/after 4weeks/individually different

## 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)



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

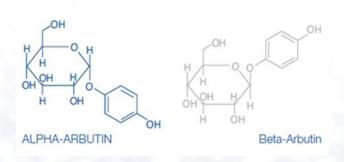
## An area which has melasma (Antera 3D)



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]

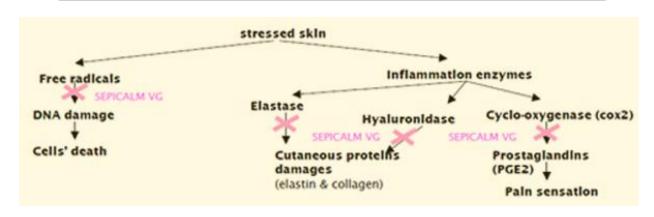


[Human Melanocytes with Alpha-Arbutin after 14 days]

## SODIUM PALMITOYL PROLINE, Nymphaea Alba Flower Extract

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

#### Restrained pigmentation caused by factors irritating skin



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.

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

#### TRANEXAMIC ACID

Ann Dermatol Vol. 27, No. 3, 2015

#### 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, Sangger Paik Hospital, "Department of Dermatology, University of Ulum College of Medicine, Asan Medical Conter, Scool, "Aesthetic Research Team, Amore Pairfic Corporation Research and Development Conter, Yangin, Korea

well-known anti-fibrinolytic drug, has recently demon- 27(3) 250 ~ 256, 2015) strated a curative effect towards melasma and ultraviolet-induced PBH in Avian countries. However, the precise fully understood. Objective: In order to clarify the inhibitory effect of transvamic acid on PBH, 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- Pigmentation disorders are common skin diseases whose nocyte-conditioned media. Melanin content and tyrosinase activity were evaluated in cells treated with or without tra-Signaling pathway molecules involved in melanogenesis in melanoma cells were also investigated. **Results** Transvamic cedures including laser treatment and peeling is an inacid-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 extracellular signal-regulated kinase signaling pathways and

Comparing Ander Sing Bin Chang, Department of Demanding and Research Institute of Demanding, Anna Medical Center, Chromity of Blanc Golden of Medicine, 8th Chropison, 44(2), 54(2), 54(2), 54(3), 54(3), 54(3), 54(3), 54(3), 54(3), 54(3), 54(3), 54(3), 54(3), 54(3), 54(3), 54(3), 54(3), 54(3), 54(3), 54(3), 54(3), 54(3), 54(3), 54(3), 54(3), 54(3), 54(3), 54(3), 54(3), 54(3), 54(3), 54(3), 54(3), 54(3), 54(3), 54(3), 54(3), 54(3), 54(3), 54(3), 54(3), 54(3), 54(3), 54(3), 54(3), 54(3), 54(3), 54(3), 54(3), 54(3), 54(3), 54(3), 54(3), 54(3), 54(3), 54(3), 54(3), 54(3), 54(3), 54(3), 54(3), 54(3), 54(3), 54(3), 54(3), 54(3), 54(3), 54(3), 54(3), 54(3), 54(3), 54(3), 54(3), 54(3), 54(3), 54(3), 54(3), 54(3), 54(3), 54(3), 54(3), 54(3), 54(3), 54(3), 54(3), 54(3), 54(3), 54(3), 54(3), 54(3), 54(3), 54(3), 54(3), 54(3), 54(3), 54(3), 54(3), 54(3), 54(3), 54(3), 54(3), 54(3), 54(3), 54(3), 54(3), 54(3), 54(3), 54(3), 54(3), 54(3), 54(3), 54(3), 54(3), 54(3), 54(3), 54(3), 54(3), 54(3), 54(3), 54(3), 54(3), 54(3), 54(3), 54(3), 54(3), 54(3), 54(3), 54(3), 54(3), 54(3), 54(3), 54(3), 54(3), 54(3), 54(3), 54(3), 54(3), 54(3), 54(3), 54(3), 54(3), 54(3), 54(3), 54(3), 54(3), 54(3), 54(3), 54(3), 54(3), 54(3), 54(3), 54(3), 54(3), 54(3), 54(3), 54(3), 54(3), 54(3), 54(3), 54(3), 54(3), 54(3), 54(3), 54(3), 54(3), 54(3), 54(3), 54(3), 54(3), 54(3), 54(3), 54(3), 54(3), 54(3), 54(3), 54(3), 54(3), 54(3), 54(3), 54(3), 54(3), 54(3), 54(3), 54(3), 54(3), 54(3), 54(3), 54(3), 54(3), 54(3), 54(3), 54(3), 54(3), 54(3), 54(3), 54(3), 54(3), 54(3), 54(3), 54(3), 54(3), 54(3), 54(3), 54(3), 54(3), 54(3), 54(3), 54(3), 54(3), 54(3), 54(3), 54(3), 54(3), 54(3), 54(3), 54(3), 54(3), 54(3), 54(3), 54(3), 54(3), 54(3), 54(3), 54(3), 54(3), 54(3), 54(3), 54(3), 54(3), 54(3), 54(3), 54(3), 54(3), 54(3), 54(3), 54(3), 54(3), 54(3), 54(3), 54(3), 54(3), 54(3), 54(3), 54(3), 54(3), 54(3), 54(3), 54(3), 54(3), 54(3), 54(3), 54(3), 54(3), 54(3), 54(3), 54(3), 54(3), 54(3), 54(3), 54(3), 54(3), 54(3), 54(3), 54(3), 54(3), 54(3), 54(3), 54(3), 54(

400-7031, Evail: occurrentlignessCore. This is an Open Across article distributed under the terms of the Creative Commons. Antibution Non-Commercial Literase (http:// creativecommons.org/literase/hy-n/y-fill) which permits intrestricted non-commercial use, distribution, and expedication in any medium, provided the original work is properly cited.

Background: The treatment of post-inflammatory hyper tor degradation. Conclusion: Tranexamic acid may be an atpigmentation (PIH) remains challenging. Transxamic acid, a tractive candidate for the treatment of PIH. (Ann Dematol

dermatologic treatment remains challenging. Although nevamic 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 contest, post-

regulates the rate-limiting steps of melanogenesis<sup>2</sup>. There-fore, many studies have focused on finding tyrosinase insubsequently microphthalmia-associated transcription fac-hibitors<sup>1</sup>. Accordingly, tyrosinuse inhibitors including by droquinone, ascorbic acid, kolic acid, and arbutin have been applied for the treatment of hyperpigmentation Received April 7, 2014, Berised August 7, 2014, Accepted for publication August 14, 2014

However, studies aiming to find more effective and safe publication August 14, 2014 treatments for hyperpigmentation are ongoing,

tion<sup>47</sup>. TA is a well-known anti-fibrinolytic agent that inhibits the plasmin/plasminogen system: thus, it has been used to prevent blood loss during surgery\*. In addition to its hemostatic effects, TA exhibits anti-affergic 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

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

#### **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.

\* 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



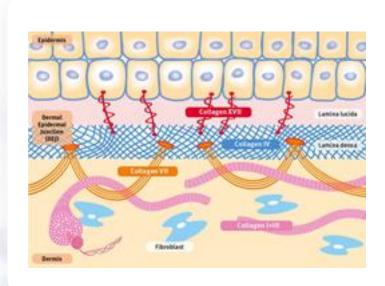


Extract of Pharbitis nil for brightening skin is being consistently developed. it is 4 times more effective than Kojic acid. On the other hand, it is 20 times way more effective than Arbutin. Extract of Pharbitis nil is a newly emerging material making skin radiant nowadays.

\* 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.

\* 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.

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

#### **HOW TO USE**

#### **DESCRIPTION**

Evenly apply this ampoule on area
 which has pigmentation or wrinkles. And
 you can freely use it day or night.



#### BEAUTY TIP! - DUO CARE

If you use this ampoule with Byemela Spot Patch, you can experience way more effectiveness improving melasma.





 저녁 세안 후 피부고민이 있는 부위에 사용 하시고 다음 단계에 메르헨 바이멜라 샤이닝 앰플로 관리해주세요!



Cnkcosmedical Co., Ltd. 124, Aenggogae-ro 556beon-gil, Namdong-gu, Incheon, Republic of Korea Tel.: 032-819-2635, Fax. 032-811-2635, E-mail: <a href="mailto:cnkcos@naver.com">cnkcos@naver.com</a>