



SAY SKIN

Beauty Care Device



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# Company Profile



<b>Company Name</b>	WITHNIX Co., Ltd.
<b>Date of Establishment</b>	October 1st, 2003
<b>Head Office</b>	593-14, Opo-ro, Opo-eup, Gwangju-si, Gyeonggi-do, Republic of Korea
<b>Subsidiary</b>	Withnix Shenzhen Co., Ltd. (China)
<b>Home Page</b>	<a href="http://www.withnix.co.kr">http://www.withnix.co.kr</a>

## Engineering Background Qualified by Samsung Electronics

- Withnix' CEO and Engineering Directors had worked in Samsung Electronics for 17 years as the leading experts of development and manufacture.
- They have been worked with Samsung Electronics more than 10 years for manufacturing in Korea.

# Promotion Video

SAY SKIN



## Overview



SAY SKIN

AURORA<sup>+</sup>

AURORA-*lite*

# Design

SAY SKIN



# Description of

## AURORA+



BRAND	SAY SKIN
ITEM / PRODUCT	Electrical Beauty Appliances / AURORA+
BENEFITS FOR SKIN	<p><b>* WRINKLE TREATMENT &amp; SKIN TIGHTENING</b> Helps tighten skin and reduces wrinkles.</p> <p><b>* WHITENING AND SKIN TONE UP</b> Improves dull complexion and skin blemishes and provides a strong skin whitening effect.</p> <p><b>* TROUBLE CARE</b> Solves problems of skin irritation caused by exposure to pollutants, such as fine dust, once and for all.</p> <p><b>* PROMOTION ABSORPTION OF COSMETICS</b> Boosts the absorption of effective ingredients of skin are products to provide strong protection for the dermis.</p>
TECHNOLOGIES	Plasma + Microcurrent, Zirconia
MATERIALS	[Body] PC+ABS / [Heads] Zirconia ceramic
SIZE / WEIGHT	47.0(W) * 184.5(L) * 56.1(H)mm / 185g
POWER TYPE	DC 5V, 1A (USB-C type)
BATTERY	Li-Polymer Battery 1000mAh
CERTIFICATION	KC, CE, FCC, FDA CLASS 1
COUNTRY OF MANUFACTURE	SOUTH KOREA
COLOR	WHITE, BLACK

# Description of

## AURORA-*lite*



<b>BRAND</b>	SAY SKIN
<b>ITEM / PRODUCT</b>	Electrical Beauty Appliances / AURORA+
<b>BENEFITS FOR SKIN</b>	<p><b>* WRINKLE TREATMENT &amp; SKIN TIGHTENING</b> Helps tighten skin and reduces wrinkles.</p> <p><b>* WHITENING AND SKIN TONE UP</b> Improves dull complexion and skin blemishes and provides a strong skin whitening effect.</p> <p><b>* TROUBLE CARE</b> Solves problems of skin irritation caused by exposure to pollutants, such as fine dust, once and for all.</p> <p><b>* PROMOTION ABSORPTION OF COSMETICS</b> Boosts the absorption of effective ingredients of skin are products to provide strong protection for the dermis.</p>
<b>TECHNOLOGIES</b>	Plasma + Microcurrent, Zirconia
<b>MATERIALS</b>	[Body] PC+ABS, Aluminum, PP / [Heads] Zirconia ceramic
<b>SIZE / WEIGHT</b>	30.3(W) * 155(L) * 52(H)mm / 103g
<b>POWER TYPE</b>	DC 5V, 1A (USB-C type)
<b>BATTERY</b>	Li-Polymer Battery 700mAh
<b>CERTIFICATION</b>	KC, CE, FCC, CVC, FDA CLASS 1
<b>COUNTRY OF MANUFACTURE</b>	SOUTH KOREA
<b>COLOR</b>	WHITE, PINK



# Core Technologies

## PLASMA



A New Substance, To be a Mega-trend in future.

- Promotion of skin regeneration.
- Strong sterilization effect.
- Promotion of cosmetic absorption.

## MICROCURRENT



A Mega-trend of beautifying device.

- Skin elasticity and pore reduction.
- Promotion of physical metabolism.

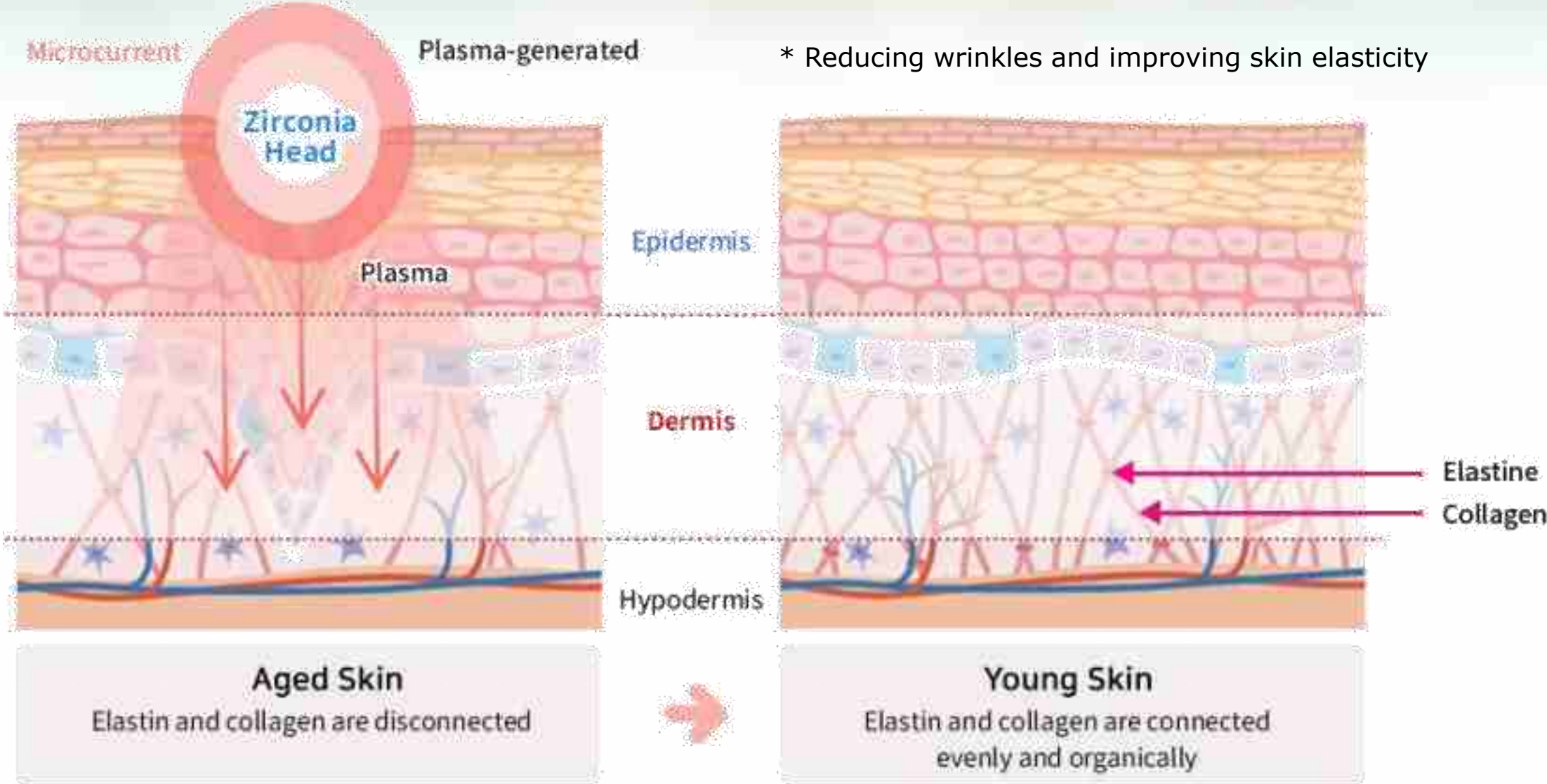
## ZIRCONIA



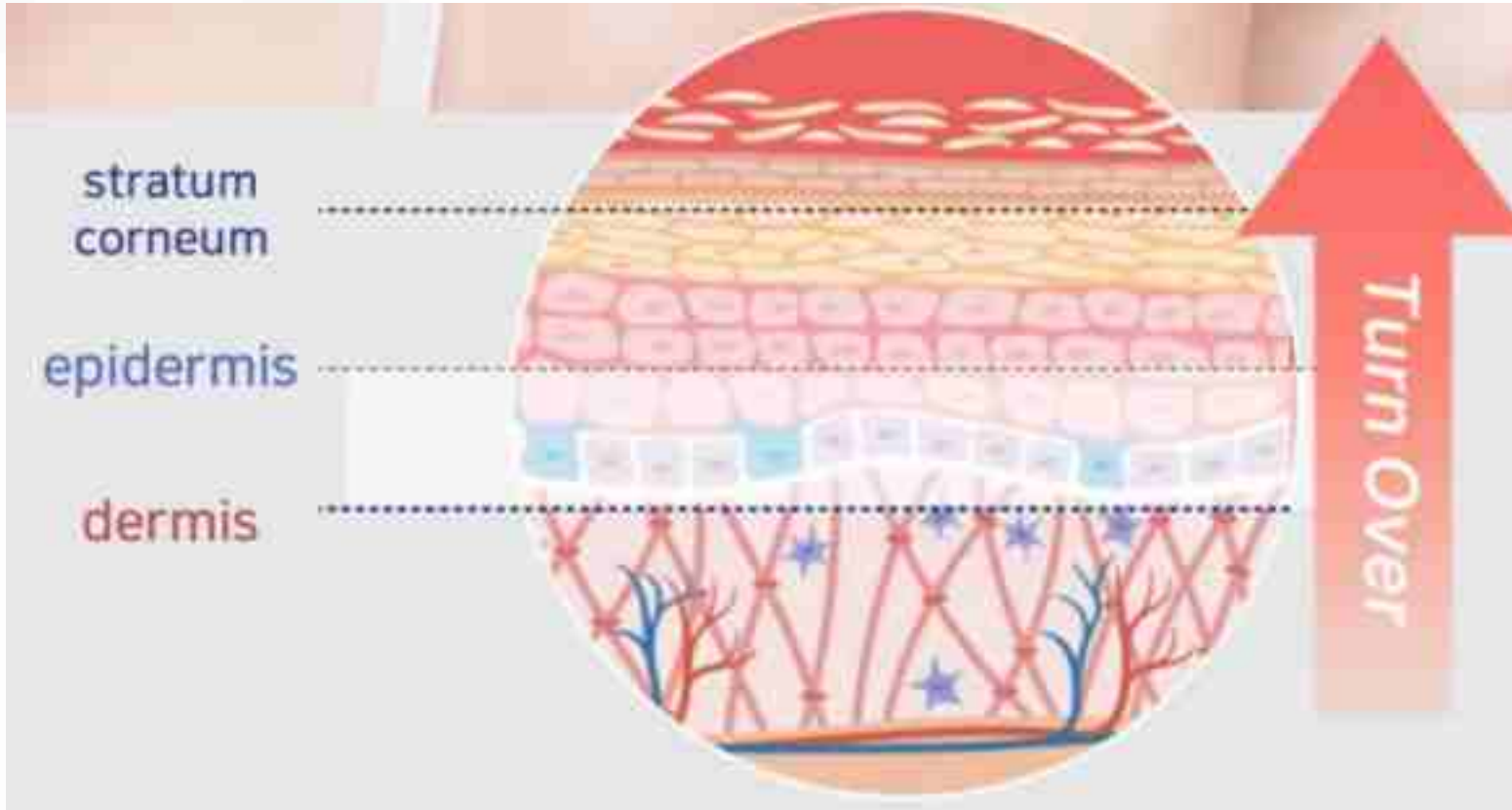
A Safe and Eco-friendly Ceramic.

- A high-strengthened, precise and eco-friendly ceramic to emphasize safety.

# How It works



# How It works



**\* Whitening and improving skin texture**

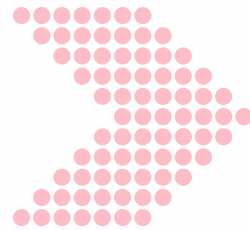
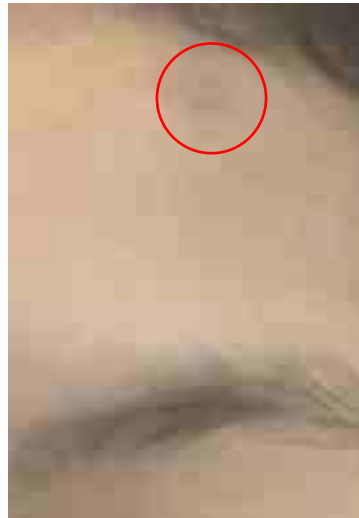
Plasma causes the desquamation which eliminates keratin mass, dead keratin cells and various kinds of contaminant.

# How It works

before



after



Source : *Non-Thermal Plasma for Acne and Aesthetic Skin Improvement*

## \* Making skin troubles get better

A hydroxyl group (OH radical), an oxygen-anionic natural substance produced when plasma is generated, has the strongest sterilizing power on the earth.

Sterilizes, deodorizes and decomposed by directly engaging in contaminants in air and water.

Sterilizing rate 2,000 times and 180 times faster than ozone and solar UV ray

# How It works

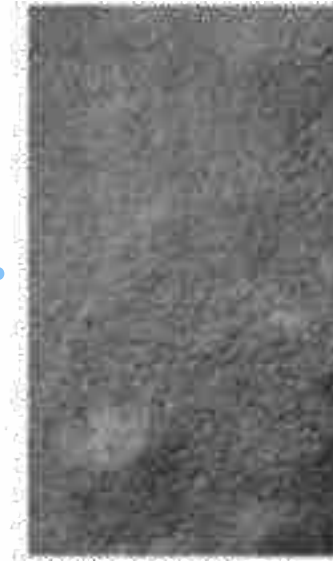
## Cell Membrane



Before Plasma



During Plasma



After Plasma

- \* Improving the skin's ability to absorb cosmetic active ingredients

**“Plasmaporation = Plasma + Electroporation”**

*\*electroporation: the creation of transient pores in the cell membrane, through the application of a high-voltage electrical pulse.*



# SAY SKIN

## Clinical Trial

### AURORA+ TEST

- Clinical institution : Korea Institute of Dermatological Sciences
- Clinical period : 6 weeks
- Test subject : 21 people, women aged 40~69 years old
- Evaluation item : Lifting of eye bag area under eyes, nasolabial area lifting, eye lifting, skin elasticity, skin density, skin tone

### AURORA LITE TEST

- Clinical Institution : H&Bio SRC
- Clinical Period : June 7<sup>th</sup> ~ 21<sup>st</sup>, 2021 (2 weeks)
- Test subject : Dermalab Full Skin 3cm x 3cm / Acety-Hexapeptide-8(Lys-FITC)
- Evaluation Item : The ability of absorption cosmetics active ingredients
  
- Clinical institution : OATC
- Clinical period : 2 weeks
- Clinical subject : 22 people, women aged 30~60 years old
- Evaluation item : The effect of skin elasticity for AURORA-lite with the ampoule



## The Effect of Skin Lifting

REF. Color of improved skin : Yellow (the best) > Green > Blue > Purple (the worst)

### Under Eye Bags



### Nasolabial Folds



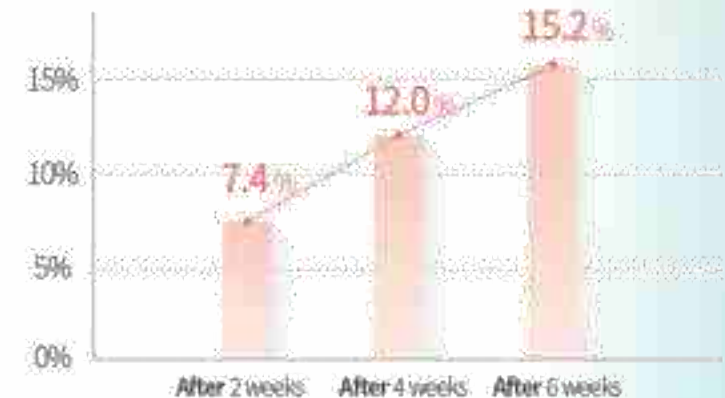
Before use    Immediately after use    6 weeks after use



### Crow's Feet



Before use    Immediately after use    6 weeks after use

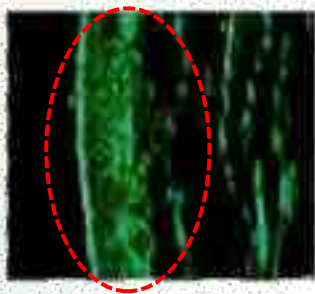


## The Effect of

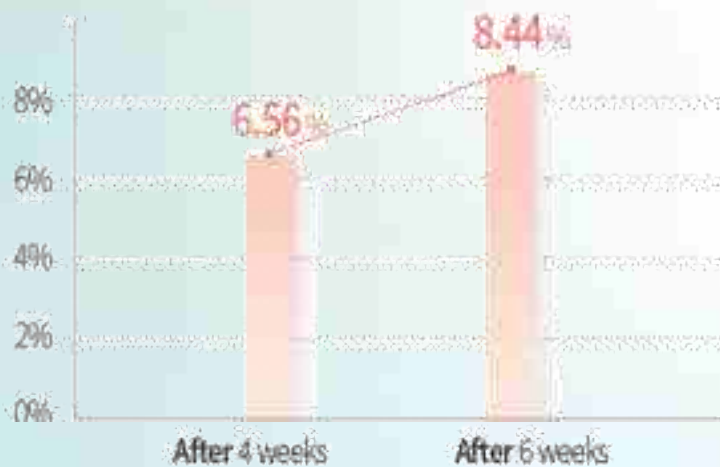
### Skin Density



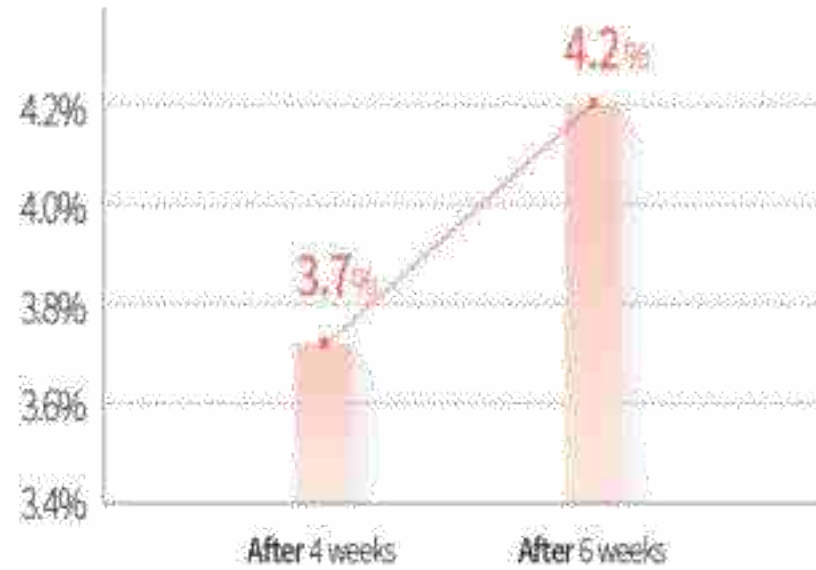
Before use



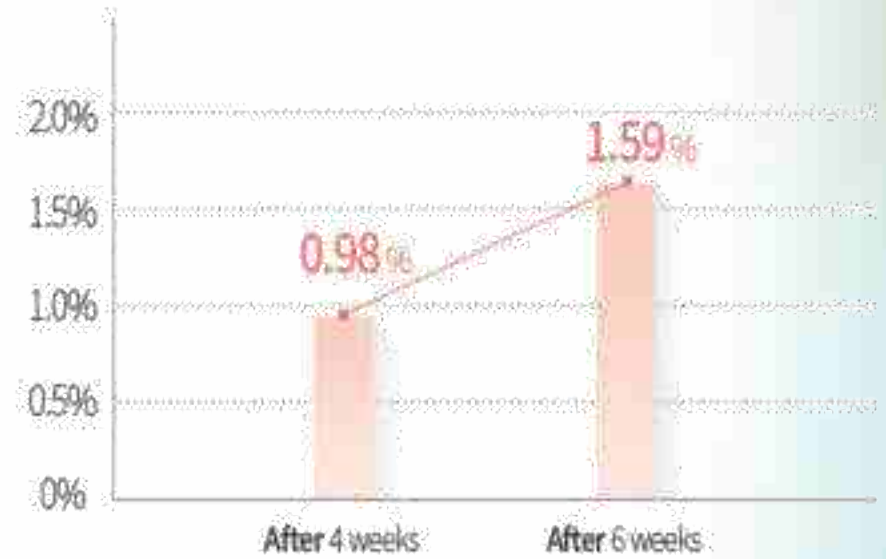
6 weeks after use



### Skin Elasticity



### Skin Tone

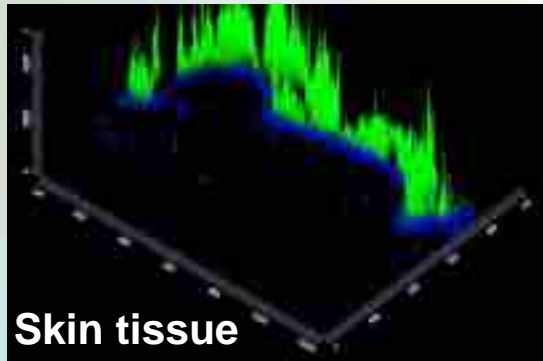




## The ability of absorption of cosmetics active ingredients

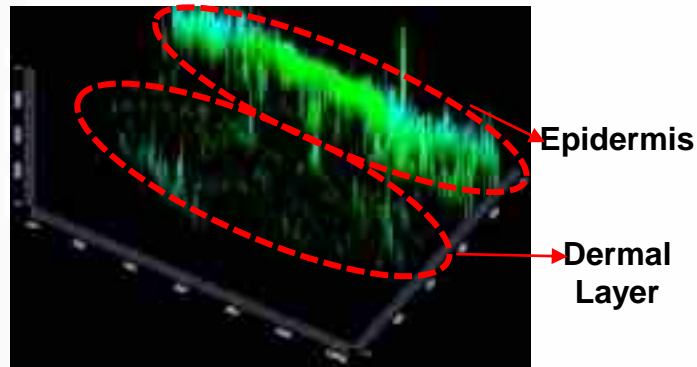
After 1 hour

The group by hand



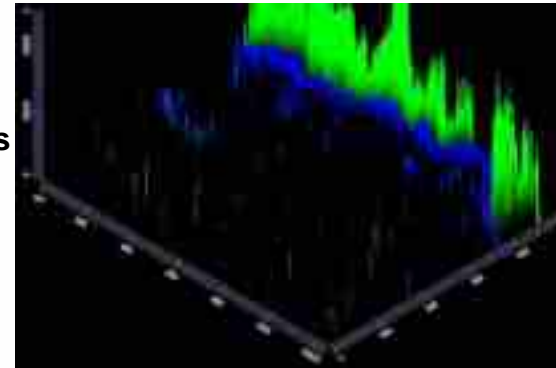
VS

The group by AURORA-lite



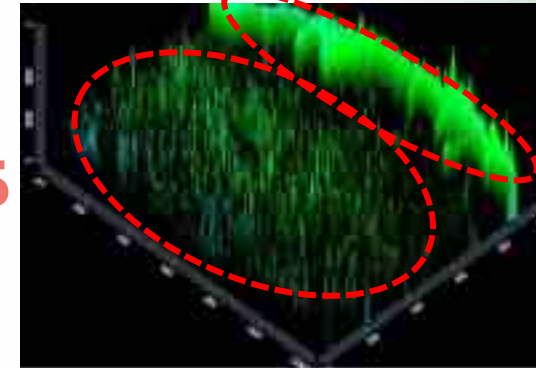
After 24 hours

The group by hand



VS

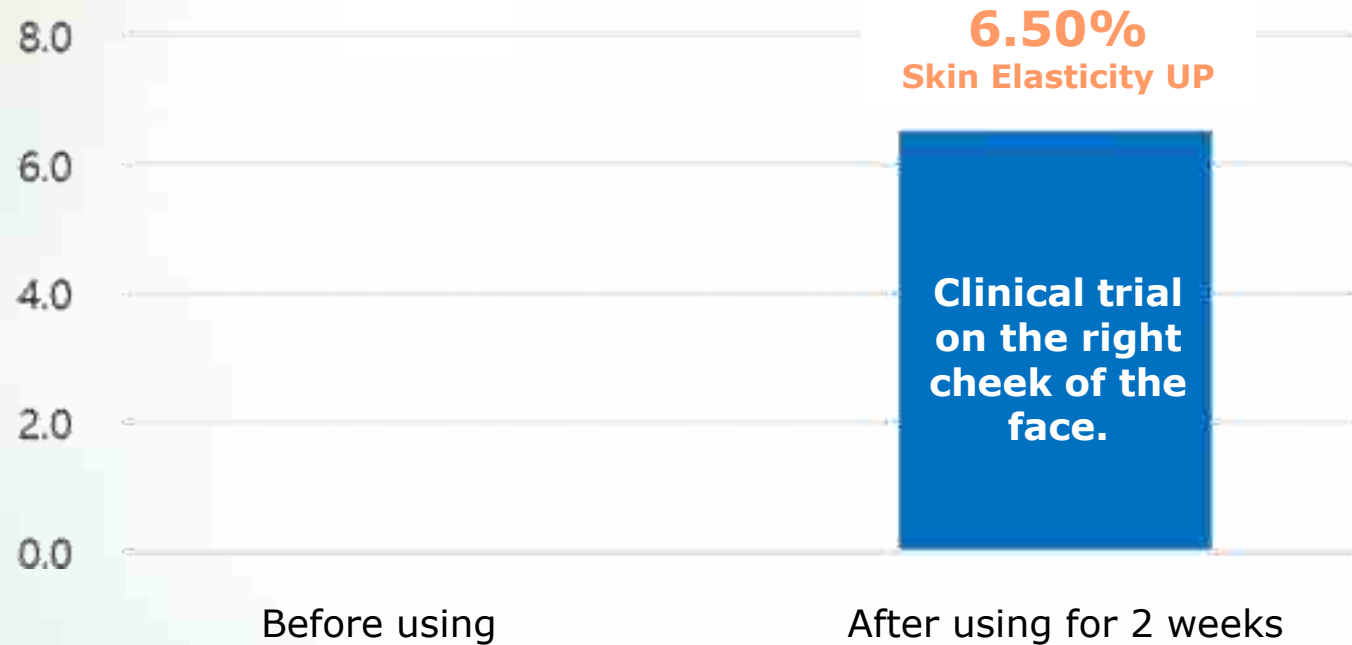
The group by AURORA-lite



**REF. The substance in green is like a cosmetic active ingredient.**

## The Effect of Skin Elasticity

\* Comparison of skin elasticity improvement



# Patents & Certificates



Title of Invention  
 "Atmospheric Pressure Plasma Device  
 Having Function of Providing Microcurrent"



Title of Invention  
 "Portable Beautifying Apparatus Using Plasma"



GOOD DESIGN



**THANK YOU**

Overseas Sales Manager  
: Chan Woo Jung

Email : [chan@withnix.co.kr](mailto:chan@withnix.co.kr)  
Mobile : +82-10-3585-0464  
Whatsapp : ChanWithnix  
Wechat : ChanWithnix

Direct. 070-4338-3831  
Withnix Co. Ltd /  
<http://en.say-skin.com/>  
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