



YASHA INC.

# ZQ-II

**Hong Kong Yasha Biotechnology Co.,Ltd**

**By Betty Lee**

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- Repairing Soothing Mask
- Allergy Healing Dressing

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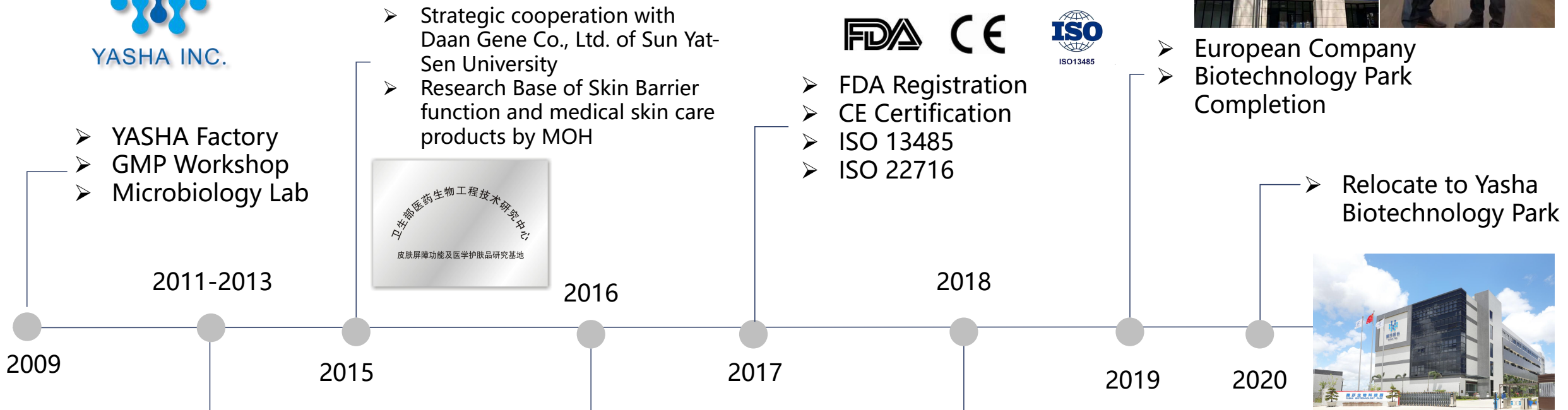
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# About YASHA & ZQ-II

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# About YASHA INC.



2009

- YASHA Factory
- GMP Workshop
- Microbiology Lab

2011-2013

- HK YASHA Company
- ZQ-II Brand
- Expert team

2015

- Strategic cooperation with Daan Gene Co., Ltd. of Sun Yat-Sen University
- Research Base of Skin Barrier function and medical skin care products by MOH



2016

- YASHA Biotechnology Park under the process
- High-Tech Enterprise

2017

- FDA Registration
- CE Certification
- ISO 13485
- ISO 22716



2018

- Listed Company
- Globalization: Europe, Southeast, Middle East, Asia



2019

- European Company
- Biotechnology Park Completion



2020

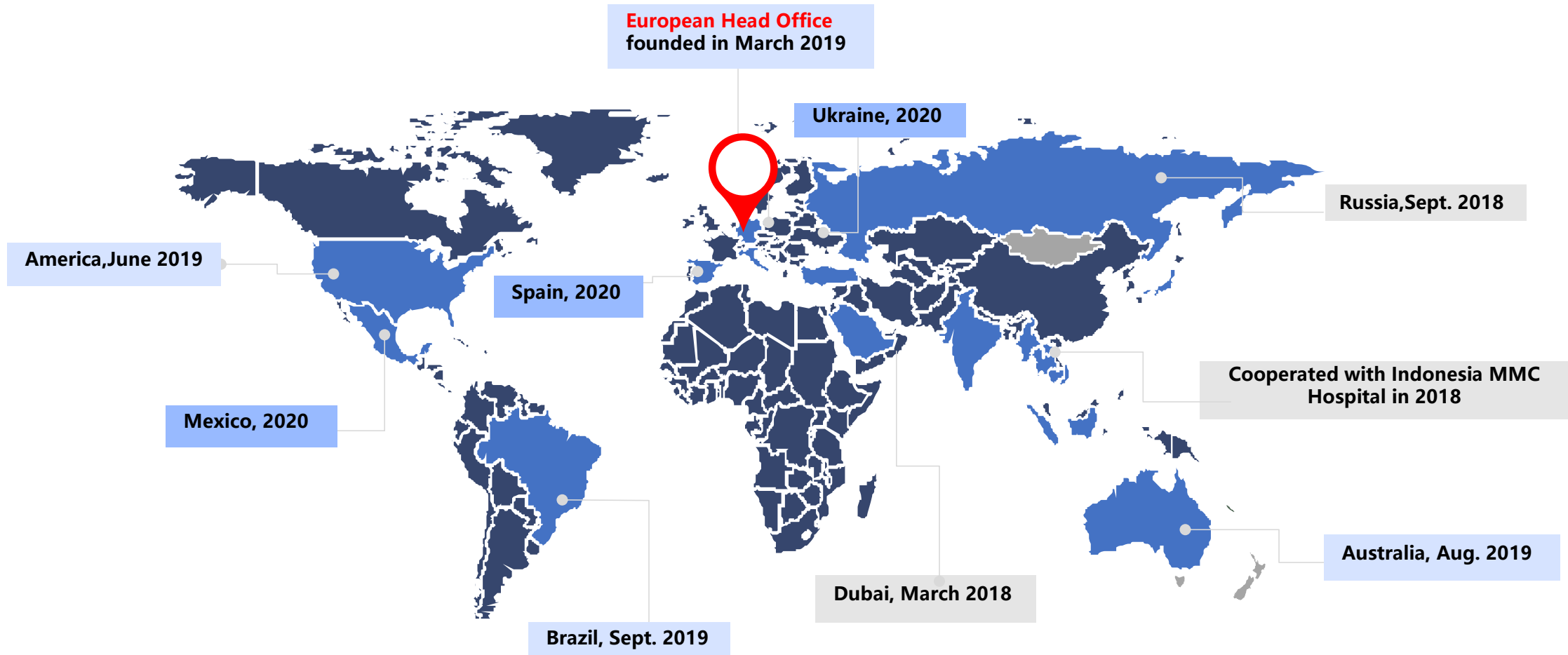
- Relocate to Yasha Biotechnology Park



ZQ-II

MEDICAL SKIN CARE

# Globalization



# About ZQ-II



## Dermatology Skincare

Ensure the safety & effectiveness



# ZQ-II

 MEDICAL SKIN CARE

## Qualification & Certification

Our products are qualified for certifications



## Medical Background

We produce skincare with pharmaceutical standards



## Technical Strength

Owens a number of global patented technology





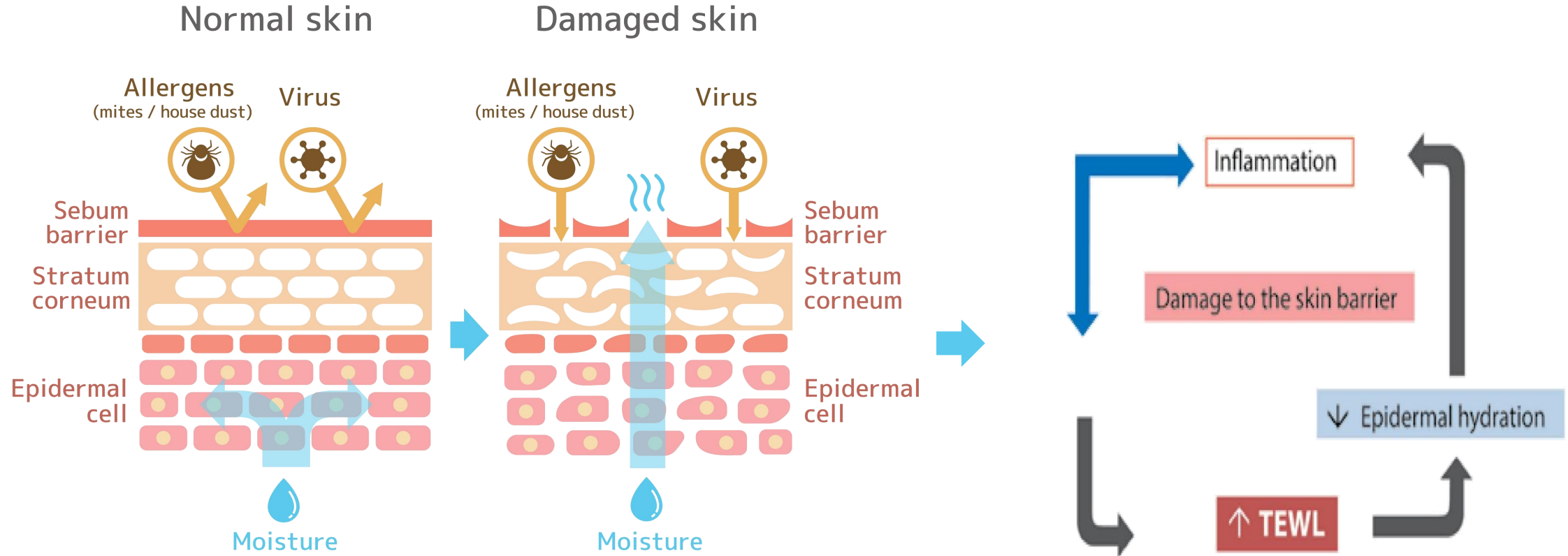
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## About Skin Barrier



# What is Skin Barrier



Inflammatory skin diseases accompanied with damaged skin barrier problem.

Damaged skin barrier could cause and aggravate the skin disease.

This is a vicious circle.



# About Damaged Skin Barrier



The most common **causes** of a damaged skin barrier are:

- Genetics
- Age
- Aggressive skincare habits, such as overwashing and over-cleansing
- Environmental aggressors, like UV exposure and pollution

ZQ-II

 MEDICAL SKIN CARE

How to tell if your skin barrier is **damaged**?

- Dry or dull skin
- Redness & Itchiness
- Rough or discolored patches
- Acne
- Sensitive or inflamed areas
- Bacterial, viral, or fungal skin infections



# How to Protect Your Skin



Daily Skincare

- Simplify skincare routine
- Friendly PH 4.5~6.5
- Don't over-exfoliation
- Dermatology skincare



Cleansing

- Soap-free cleanser
- Mild Amino Acid formula
- Warm water
- Don't over-washing



Moisturizing

- Effective ingredients such as: Jojoba Oil, Ceramide, HA;
- Hydration & Anti-oxidiant;
- Apply a facial mask regularly.



Sun Protection

- Limit your sun exposure during 10 a.m. to 2 p.m.
- Physical protection measures
- Apply sunblock lotion to avoid UV rays no matter rain or shine

ZQ-II

 MEDICAL SKIN CARE

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## ZQ-II Repairing Series

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Carefully Repair The Damaged Skin Barrier

# Moisturizing Amino Acid Cleanser



## Sodium Lauroyl Sarcosine

- Amino acid surfactant

## Chamomile Oil

- Soothe Skin
- Anti-inflammation

## Lauryl Glucoside

- Alkyl glycoside surfactants

## Hyaluronic Acid

- Deep moisturizing,
- Reduce the secretion of inflammatory mediators

STEP 1



STEP 2



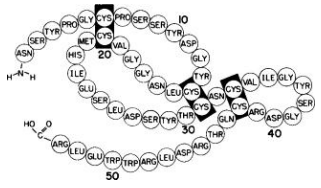
STEP 3



# Repair Factor Essence (Spray)



**Sterile Packing**



## Hydrolyzed Collagen

- Repairing
- Locking water

## Hyaluronic Acid

- Deep moisturizing,
- Reduce the secretion of inflammatory mediators

## EGF

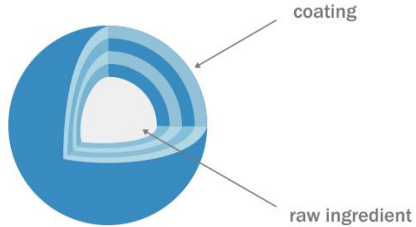
- Repair damaged cutin
- Promote collagen synthesis and prevent aging



- Unstable in aqueous solution
- Activity decrease easily
- Low temperature storage



**Freeze-Dried Powder**



## Microencapsulation Technology



- Spray formulation
- Improve stability
- Room temperature storage



# Efficacy Analysis of Repair Factor Essence (Spray) on Wound Healing after Laser Treatment of Hemangioma

Laser Treatment Center, Department of Plastic Surgery,  
Union Hospital Affiliated of Fujian Medical College Yang Yu-cheng

## Methods:

1. 96 patients;
2. YAG laser with long-pulse Nd were treated with injection water to wash the wound, 2-3 times/day in both groups;
3. The treatment group additionally used the Repair Factor Essence (Spray) after cleaning.

**Figure 1**

Wound Healing Effect of Repair Factor Essence after Laser Treatment



A: Before Treatment



B: During Treatment



C: One week after

**Table 1**

Wound Healing Time and the Number of Scars after Laser Treatment in Two Groups

Groups	Cases	Swelling Time (D)	Scab off Time (D)	Healing Time (D)	Number of scars
Treatment	48	2±0.7	5±1.3	7±1.6	2 (4.16%)
Control	48	4±1.2	8±2.7	11±2.3	35 (72.91%)

# Efficacy Analysis of Repair Factor Essence (Spray) on Wound Healing after Laser Treatment of Hemangioma

Laser Treatment Center, Department of Plastic Surgery,  
Union Hospital Affiliated of Fujian Medical College Yang Yu-cheng

## Results:

Repair Factor Essence (Spray) is a peptide product that can promote cell proliferation and epithelial regeneration. It has been widely used in adjuvant therapy of various wound healing, and achieved good results. Therefore, we envisaged that the application of Repair Factor Essence after laser treatment can **reduce local inflammation, promote wound repair, shorten healing time and reduce scar formation**. It has proved that external use of Repair Factor Essence can achieve good effects on wound healing after laser surgery of hemangioma .

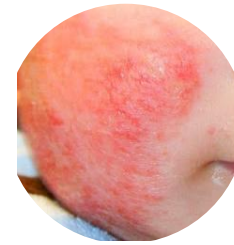
Laser  
Postoperative  
Repair



Promote  
Skin  
Metabolism



Eczematous  
Dermatitis; Sensitive;  
Hormone Dependent  
Dermatitis, etc.,



This product can shorten healing time;  
Reduce the formation of scar and pigmentation, rebuild skin barrier;  
Reduce inflammatory secretion, relieve swelling, pain and discomfort as well.

# Skin Barrier Repairing Gel



(Medical Device)

## Ceramide

- The adhesive function
- Maintain the stratum corneum moisture flat
- Repair skin barrier
- Anti-aging

## EGF

- Repair damaged cutin
- Promote collagen synthesis and prevent aging

## Hyaluronic Acid

- Deep moisturizing,
- Reduce the secretion of inflammatory mediators

## Jojoba Oil

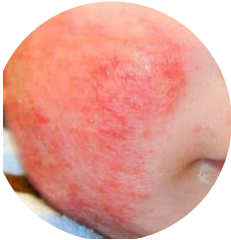
- Completely with sebum membrane fusion
- Strengthen moisture

Repair cuticle and sebum membrane, relieve pruritus and mild inflammation decrease hormone drugs usage.  
Moisturize effectively and rebuild skin barrier to reduce complications.  
Enhance skin hydration, repair skin barrier function.

Photoelectronic Postoperation



Sensitive Skin, Hormone-dependent dermatitis



Dry Skin





# Therapeutic Effect of Tacrolimus Combined with Skin Barrier Repairing Gel on Facial Hormone-dependent Dermatitis

Department of Dermatology and Venereology, Changde, Hunan

Songtao Wu; Guiyi Huang; Li Huang

## Objective:

To observe the efficacy of tacrolimus combined with Skin Barrier Repairing Gel in the treatment of facial hormone-dependent dermatitis.

## Methods:

1. Two groups were treated with loratadine capsule 8.8mg, once a day.
2. The treatment group was given topical 0.03% tacrolimus ointment and Skin Barrier Repairing Gel, once a day.
3. The control group was given topical 0.03% tacrolimus ointment twice a day.
4. After 8 weeks, the efficacy of the two groups was different greatly.

## Judgment Criteria of Efficacy

After 2 courses of treatment (4 weeks for a course), patient's conditions were evaluated by four-level score method according to skin telangiectasia, erythema, scaling, color subsidence, itching, burning sense, tight feeling and pain: 0 points = no, 1 point = mild, 2 points = moderate, 3 points = severe. The calculation was based on the Nimodipine method. Efficacy index = (pre-treatment score - post-treatment score) / pre-treatment score × 100%. Healed: efficacy index  $\geq$  90%; markedly effective: 90% > efficacy index  $\geq$  60%; effective: 60% > efficacy index  $\geq$  20%; invalid: efficacy index < 20%; total effective rate = (healed cases + markedly effective cases) / total number of cases × 100%.

## Statistical Methods

Data was processed with X<sup>2</sup> test where p < 0.05 means the difference was statistically significant.

# Therapeutic Effect of Tacrolimus Combined with Skin Barrier Repairing Gel on Facial Hormone-dependent Dermatitis

Department of Dermatology and Venereology, Changde, Hunan  
Songtao Wu; Guiyi Huang; Li Huang

Group	Cases	Healed	Markedly effective	Effective	Invalid	Total ER (%)
Treatment	63	20	35	8	0	87.30%
Control	63	6	29	25	3	55.56%

Table 1 Efficacy comparison of two groups after treatment

The comparison of efficacy between the two groups after treatment ( $p < 0.05$ ) indicated that the difference was statistically significant.

## Conclusion

### Clinical Efficacy

The total effective rate of treatment group was significantly higher than that of control group ( $\chi^2 = 19.8585, p < 0.05$ , Table 1), indicating that the application of tacrolimus combined with Skin Barrier Repairing Gel was effective, safe and reliable in the treatment of facial hormone-dependent dermatitis.

### Adverse Reactions

Obvious adverse reactions were not found in both groups.



A: Treatment group before using products



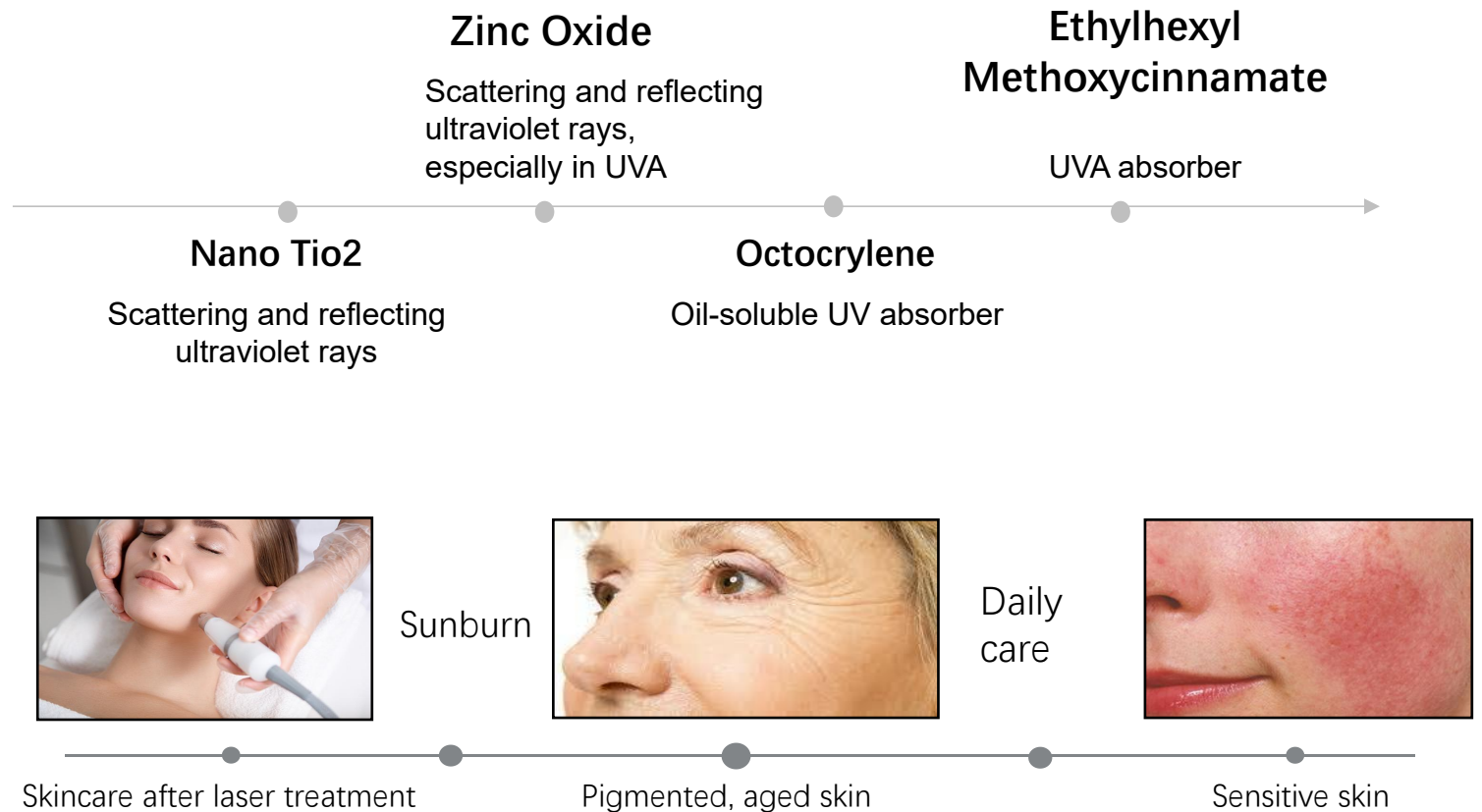
B: Treatment group after 1 month of using products

# Sunblock Cream

Broad Spectrum Sunscreen:  
Ensures your SPF protects against both harmful UVA and UVB rays.

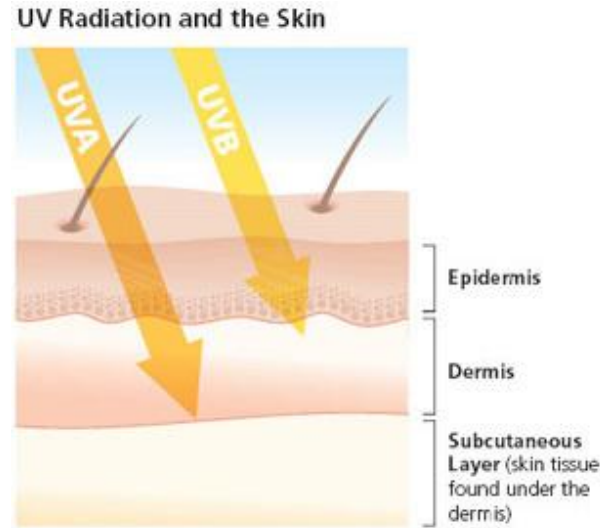


**SPF50 PA+++**

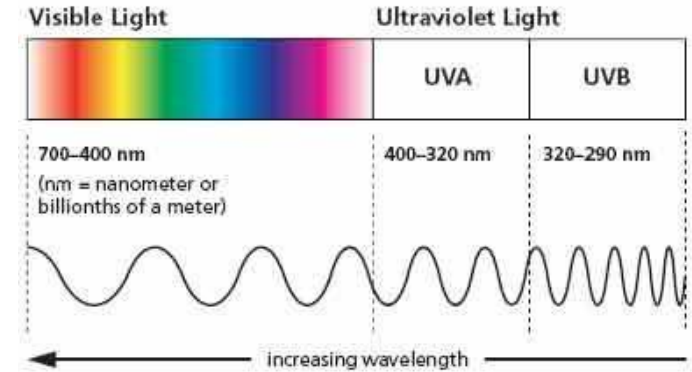


# Comparison of Skin Lesions among UVA/UVB/UVC

UVA	UVB	UVC
315-400nm	280-315nm	100-280nm
Tan	Red	Sterilization
Corium layer	Epidermal layer	Cuticle
Free radicals increase and damage elastic issue	Red spot and sunburn	Block by the atmosphere mostly
Aged skin, pigmented skin and spot		



## Visible Light/UV



The wavelength range of UV light is from 100 to 400nm, comes from sun, UV lamp and Welding light, etc.

## Features of ZQ-II SUNBLOCK CREAM

### ◆ The best shielding effect:

**Nano TiO<sub>2</sub>** (nano particle size of 30nm-85nm) is equal to or less than half the wavelength, the amount of light reflection and scattering will be maximum.

### ◆ The full-wave band of wavelength UV (UVA、UVB、UVC) isolation

### ◆ Isolated triple moisturizing sunscreen formulations, uniform color, close to the skin and not shiny

# Repairing Soothing Mask (25g\*5pcs/box)

**Sterile Package**  
**Fruit Fibre Membrane**  
**(Medical Device)**



## EGF

### Hydrolyzed Collagen

- Repairing
- Locking water

- Repair damaged cutin
- Promote collagen synthesis and prevent aging

### Asiaticoside

- Promote Epidermal Wound Healing
- Anti-inflammation

### Hyaluronic Acid

- Deep moisturizing,
- Reduce the secretion of inflammatory mediators



Photoelectronic Postoperation



Sunburn and burns

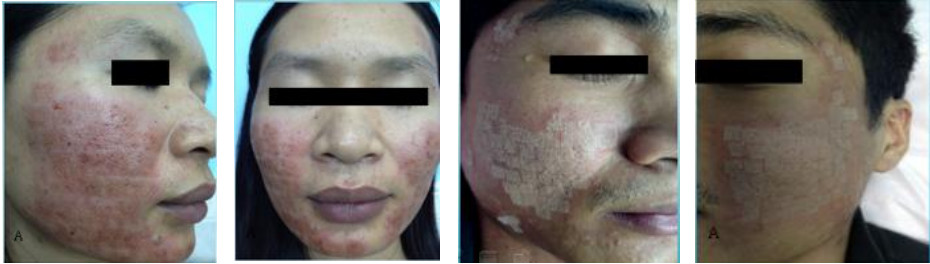


Dry and aging Skin

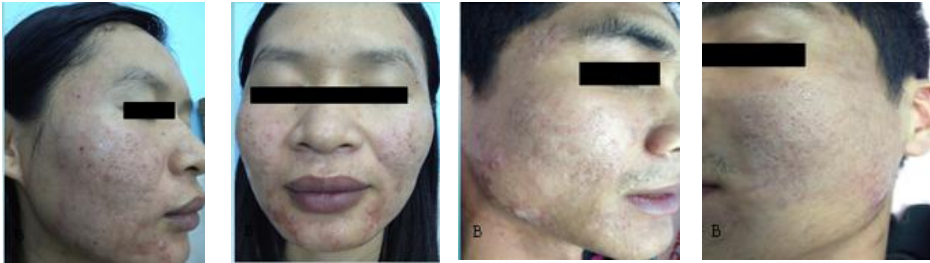


# Clinical Evaluation on Repairing Soothing Mask after Er:YAG Fractional Laser Treatment

SUN YAT-SEN Memorial Hospital of SUN YAT-SEN University Dermatology / ChenXiaoyan



**A: Appearance after Laser Treatment**



**B: 20 Minutes after Cold Compressing**

Groups	Treatment time	Complete remission	Initial remission	Partial remission	Non-remission	Effective rate(%)
Treatment group (18 cases)	Wet compress with repairing soothing mask for 20 min after laser therapy	0	0	17	1	94.44
	3 days after laser surgery	0	15	3	0	100
	7 days after laser surgery	10	8	0	0	100
Control group (10 cases)	20 minutes after laser surgery	0	0	1	9	10
	3 days after laser surgery	0	0	7	3	70
	7 days after laser surgery	0	7	3	0	100

## Conclusion:

Repairing Soothing Mask can be used for postoperative care after laser therapy, and improve adverse reactions such as pruritus, pricking, burning sensation, taut sensation and erythema, drying, desquamation, accelerate the healing of wound surface.

# Allergy Healing Dressing

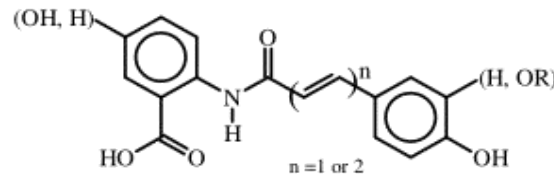


**Plant Formula**  
(Medical Device)

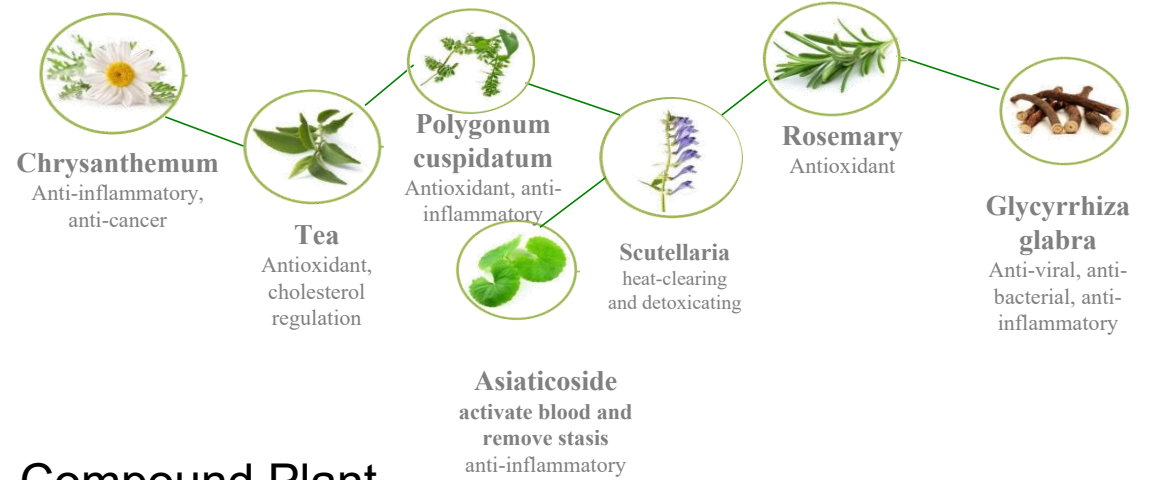


## Oat Alkaloid

- Strong antihistamine
- Anti-allergy



- Approved by the US FDA in 2003 as a skin protectant
- German Pharmacopoeia - application of oat extract to antipruritic bath products



## Compound Plant Anti-allergy Agents

- Anti-inflammation
- Antioxidation

## Hyaluronic Acid

- Deep moisturizing,
- Reduce the secretion of inflammatory mediators

# Allergy Healing Dressing



Mosquito Bite



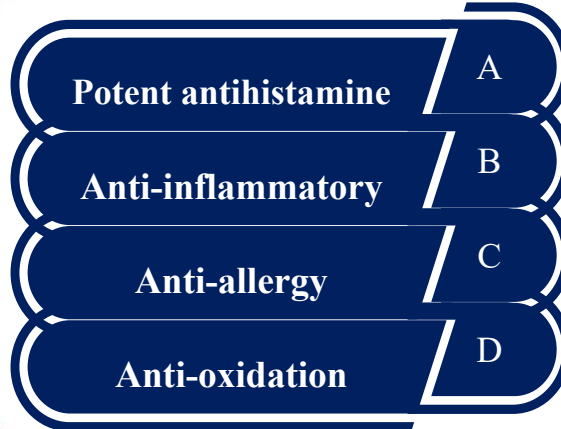
Urticaria



Eczema



Skin Abrasion



“Mask Face”



Seasonal Dermatitis



Hormone Dependent Dermatitis



# ZQ-II Repairing Series



**Moisturizing Amino Acid  
Cleanser (100g)**



**Repair Factor Essence  
(50ml)**



**Skin Barrier Repairing Gel  
(50g)**



**Sunblock Cream  
(50g)**



**Repairing Soothing Mask  
(25g\*5)**



**Allergy Healing Dressing  
(10g)**



**Appreciate your listening**

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