

# Dr. PLATON

ULTRA PLASMA



## Plasma beauty device

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U L T R A P L A S M A

Generally, the state of matter is divided into three categories

: solid, liquid, and gas.

And plasma is called the "fourth substance state"



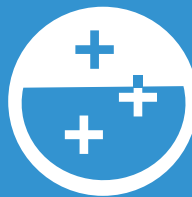
Since this 'state' contains very strong energy, research about plasma has been focused on application on industries such as environment, agriculture, construction, medical and finally in aesthetic field.



Sterilization  
Disinfection



Increased  
Hydrophilicity



Regeneration  
Recovery



Drug delivery

Unlike conventional atmospheric pressure plasma, which ionizes certain gases, doctor Plato uses atmospheric air, so the facility cost is economical.

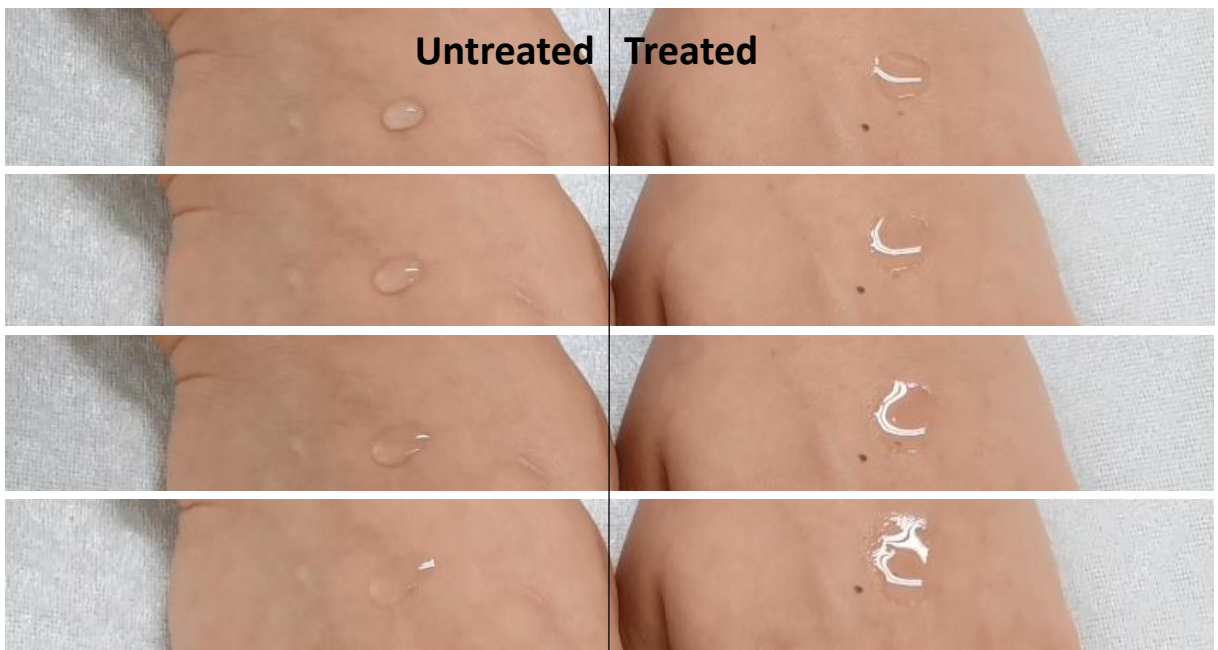
In addition, the treatment effect also shows a similar effect.

# STRONGEST IN MOISTURIZING

## PLASMA PERMEATION

DR PLATON temporarily disarm the skin barrier by reducing function and expression of E-cadherin which works as a glue in cell-cell contact. As a result, epidermis hydrophilicity increases.

Therefore, it will be easy for the validity of moisturizing and functional cosmetics to be absorbed into the skin. Combined use with beneficial cosmetics are highly recommended.

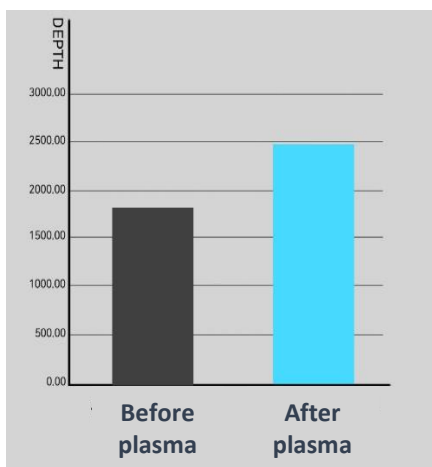


**Difference in hydrophilicity**, when Applied DR PLATON for 3 minutes on the bare hand.

 Dr Platon) water absorption test



DR PLATON restores water-oil balance through effective moisturizing, and strengthen the skin barrier in long term. Healthy skin will be glow brighter, and the texture will be smooth and firm. Also it is particularly useful in atopy skin care, to avoid aggravation from scratching due to dryness.



\* As a result of test of penetration effect of human body skin when using plasma, cosmetic products are found to have increased cosmetic absorption by 23.81% compared to unused parts of plasma.

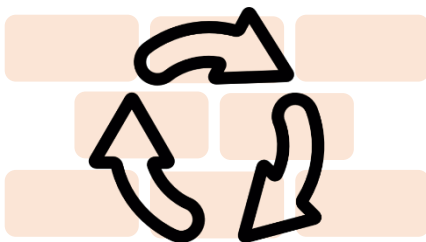
# SKIN TROUBLE-SHOOTER

Active oxygen (ROS) and nitrogen species (RNS) generally play an important role in atmospheric pressure plasma action. Plasma produced by Dr. Plato from nitrogen and oxygen in the air includes ozone, hydroxyl radicals (active oxygen, ROS), and nitrogen oxides (active nitrogen, RNS). They can promote cell proliferation, angiogenesis, and collagen synthesis in damaged skin, and have extensive microbial sterilization and disinfection effects by chemical reactions.



## PLASMA STERILIZATION

Plasma energy removes *Staphylococcus aureus*, which is very common with ATOPY skin. In addition, normalizes the skin barrier with moisturizing, and not only just with zero irritation, but even reduces itchy sense. These restrain the progress of atopy effectively.



## Accelerates REGENERATION

Plasma energy on tissue can stimulate the regeneration process for clear, bright and tighter skin in long term.

This makes Dr. Plato care perfect for sensitive and damaged skin, or aftercare treatment for invasive procedures such as laser, needling, etc.

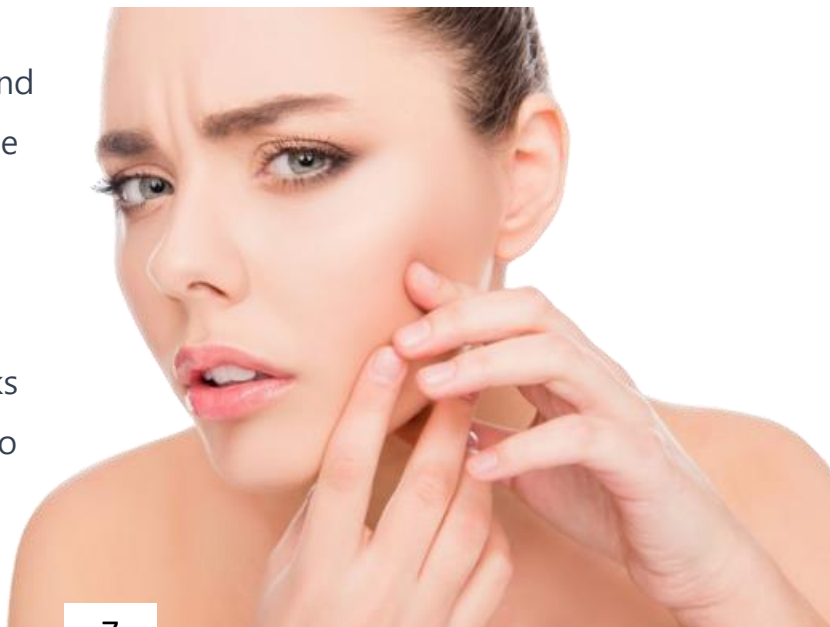
## ATOPY

Skin disease that occurs at an early age and is difficult to cure. Repeated form of irritation and damage associated with characteristic lesions ; erythema - Oedema/papulation - Excoriation – Lichenification.

Essentially, local/total immune response needs to be controlled, but since symptoms and damage interact and repeat, **Basic care for moisturizing and strong skin barrier** is important to break the vicious cycle.

## Acne

Plasma energy removes P. Acne and vulgaris from the skin, which is the main cause of acne. In addition, normalizes the sebum secretion with moisturizing, with zero skin irritation. This is why plasma works for every kind of acne irrelevant to the type and state.

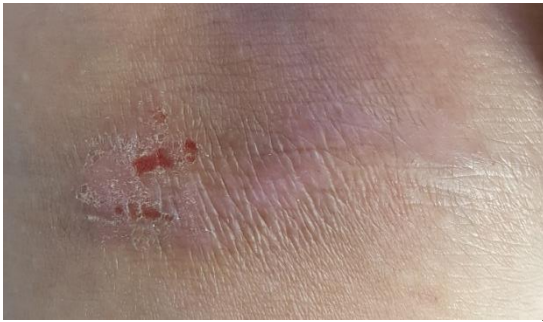




# Before and after







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