

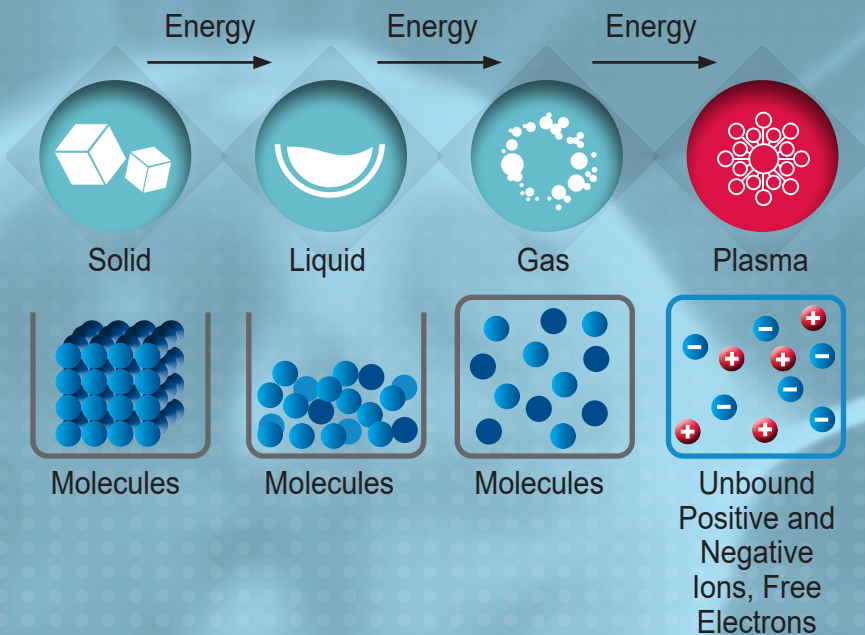
**Dr. PLATON**  
ULTRA PLASMA

Harnessing Nature  
for Skincare

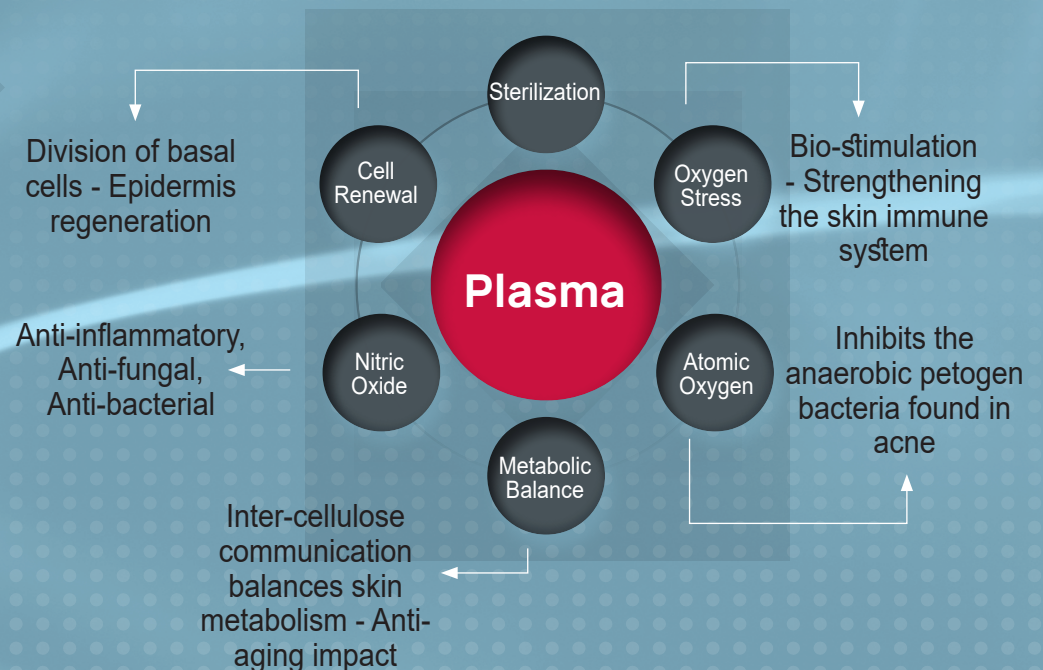


# What is Plasma?

Plasma is one of the four fundamental states of matter (together with solid, liquid, and gas). It consists of a gas of ions - atoms which have some of their orbital electrons removed - and free electrons. Plasma can be artificially generated by heating a neutral gas, or by subjecting it to a strong electromagnetic field. Plasma of Oxygen and Nitrogen (the main gases in the air around us) has a major therapeutic impact on skin cells in the DNA level.



## Plasma Impact on the Skin





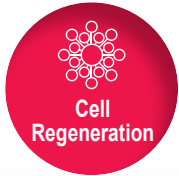
# Dr. PLATON Ultra Cold Plasma for Professional Use

## Plasma Impact on the Skin



Sterilization

The electrical voltage between the freely charged particles in plasma (electrons and ions) causes the cell membranes to disintegrate, accelerates the self-destruction mechanism of the skin cells, and causes cellular division. The damage caused to DNA actually creates a "disinfection" process - the destruction of bacteria and fungi and the self-destruction of inflammatory cells and other damaged cells. This process also raises the level of free intracellular oxygen.



Cell  
Regeneration

Plasma therapy stimulates skin cell regeneration, and is therefore a powerful anti-aging treatment. The plasma:

- Triggers division of the basal cells
- Rejuvenates the epidermis - boosts production of new proteins and collagen
- Stimulates formation of new blood vessels, thus assists in healing wounds



Problematic &  
Irritated Skin

The oxidative stress of cold plasma has an antioxidant impact on the skin immune system, reducing the damaging effect of chronic skin diseases, such as atopic dermatitis, eczema, and seborrhea, which manifest in an inflamed, irritated, dehydrated, and rough skin.



Acne

For patients with oily skin and acne (including adult acne, papules and pustules), plasma is extremely effective in destroying P. acne bacteria, in quickly reducing skin inflammation, in soothing the skin and in preventing acne reoccurrence, by balancing skin function and sebum production.



Skin Whitening

Plasma treatment is especially effective for skin stains under which an inflammatory process takes place. By reducing the inflammation, the plasma also reduces the level of hemoglobin around the skin stain, thus reduces blemish.

Plasma also increases epidermal permeability, allowing effective insertion of active substances into the skin, e.g. skin whitening agents and substances to balance and improve skin function.



Anti-Aging

Plasma sterilizes the skin, stimulates skin regeneration and shedding of dead skin cells, strengthens the skin immune system and the epidermal barrier, improves intercellular communication, and temporarily increases epidermal permeability. Therefore, every facial skincare treatment for every skin type should include plasma **(on dry skin, following initial cleansing and before peeling)**.

- ✓ Plasma will enhance the peeling impact
- ✓ It will improve absorption of active substances by the skin and will boost their impact



# Groundbreaking Restoration Skincare

Harnessing Nature for Skincare

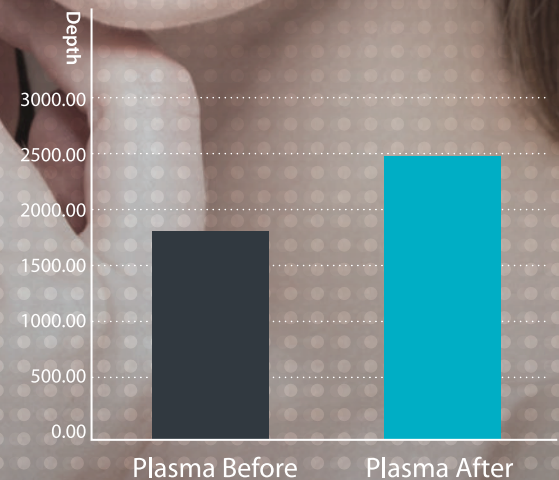
**Dr. PLATON**  
ULTRA PLASMA

## Super-Effective Skin Restoration

Sterilizes the skin | Destroys bacteria and fungi | Stimulates shedding of dead and excess skin cells | Regenerates skin tissues | Oxidative stress relieves symptoms of irritated skin and chronic skin diseases | Helps build the epidermic barrier | Improves inter-cellulose communication | Reduces inflammation | Stimulates formation of new blood vessels | Helps healing wounds | Reduces skin stains and brightens the skin

## Smart & Advanced Modular Device

- ✓ 3 alternate plasma tips - Innovative skincare
- ✓ Ceramic, long-lasting plasma tips
- ✓ Power control: Levels 1-5
- ✓ Ergonomic, easy-to-use device



This graph compares the absorption of cosmetic substances by the human skin, before and after plasma treatment.

The plasma treatment improves skin absorption of cosmetic substances by 23.81%.



# Skin Restoration | Innovation | Effectiveness



**3 Different Ceramic Plasma Tips** - Designed to facilitate both treatment of wide areas of skin, and access to narrow areas.



**Increasing Skin Permeability** - Prepares the skin for peeling, improves absorption of active substances and increases their therapeutic effect.



**Acne** - Constant use will effectively remove dead skin cells, balance sebum production, and prevent acne formation and reoccurrence. In cases of active acne, the plasma will reduce inflammation and bacterial activity.



**Irritated Skin** - The oxidative stress of cold plasma has an antioxidant impact on the skin immune system, reducing the damaging effect of chronic skin diseases and relieving symptoms of irritated skin.



**Skin Whitening** - By reducing inflammation, the plasma reduces the level of hemoglobin around skin stain, thus diminishes blemish and contributes to skin whitening.



This device is intended for skin restoration by cold plasma. Its effectiveness may vary from one patient to the next. The device is intended for professional use by certified beauticians in the clinic. It is not a medical device.



Manufacturer: HSC Co. Ltd.  
Offices: A-1204, U-Tower, 767, Sinsu-ro, Suji-gu, Yongin-si  
Gyeonggi-do, 16827, Republic of Korea  
Tel: +82-31-2724710



Exclusive Distributor: D.B SkinTech Innovation Ltd.  
Offices: Haoman 12 (Miryam House), Hadera, Israel  
Tel: +972-4-6772080, +972-50-7333731  
E-mail: info@dbsti.com



**Dr. PLATON**  
ULTRA PLASMA

[www.dbsti.com/dr-platon](http://www.dbsti.com/dr-platon)